From: Christina Kurre <ckurre@advancedenergyunited.org>
To: "cecile.fraser@state.ma.us" <cecile.fraser@state.ma.us>

Subject: Winter NARUC Dinner Invite Monday, February 26th at 6 pm

Date: Fri, 19 Jan 2024 16:05:54 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Fraser,

I hope this message finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be holding for Commissioners and advanced energy companies on Monday February 26th from 6-8pm in Washington D.C. at Yardhouse, a few minutes walk from the Winter NARUC conference hotel. The dinner will be Dutch style, so everyone will pay for themselves. These informal dinners have been a great way to connect with knowledgeable folks and learn about the latest in energy innovations.

Please let me (ckurre@advancedenergyunited.org) know if you are able to join us or if you have any questions. I hope you will consider joining us!

Best, Christina

This event is not sponsored by Winter NARUC, nor is it a part of the official Winter NARUC agenda.

Christina Kurre

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Christina Kurre <ckurre@advancedenergyunited.org>
To: "Staci.Rubin@state.ma.us" <Staci.Rubin@state.ma.us>

Subject: Winter NARUC Dinner Invite Monday, February 26th at 6 pm

Date: Fri, 19 Jan 2024 16:10:54 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Rubin,

I hope this message finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be holding for Commissioners and advanced energy companies on Monday February 26th from 6-8pm in Washington D.C. at Yardhouse, a few minutes walk from the Winter NARUC conference hotel. The dinner will be Dutch style, so everyone will pay for themselves. These informal dinners have been a great way to connect with knowledgeable folks and learn about the latest in energy innovations.

Please let me (ckurre@advancedenergyunited.org) know if you are able to join us or if you have any questions. I hope you will consider joining us!

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Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov> **Subject:** Re: Winter NARUC Dinner Invite Monday, February 26th at 6 pm

Date: Fri, 19 Jan 2024 16:17:25 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

Thank you for letting me know! I look forward to seeing you in DC!

Best,

Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Sent: Friday, January 19, 2024 11:07 AM

To: Christina Kurre <ckurre@advancedenergyunited.org>

Subject: RE: Winter NARUC Dinner Invite Monday, February 26th at 6 pm

Christina-

Thanks for the invite. I will plan to join you for the event.

Best, Jamie

From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Friday, January 19, 2024 11:06 AM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov> **Subject:** Winter NARUC Dinner Invite Monday, February 26th at 6 pm

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Dear Chair Van Nostrand,

I hope this message finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be

holding for Commissioners and advanced energy companies on Monday February 26th from 6-8pm in Washington D.C. at Yardhouse, a few minutes walk from the Winter NARUC conference hotel. The dinner will be Dutch style, so everyone will pay for themselves. These informal dinners have been a great way to connect with knowledgeable folks and learn about the latest in energy innovations.

Please let me (<u>ckurre@advancedenergyunited.org</u>) know if you are able to join us or if you have any questions. I hope you will consider joining us!

Best, Christina

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Christina Kurre

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e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "VanNostrand, James (DPU)" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2165dba6204644c5b288cf319cda67b1-fd49d100-b2>

To: "Christina Kurre" <ckurre@advancedenergyunited.org>

Subject: Accepted: FW: Dinner with Advanced Energy United and Commissioners

Date: Fri, 19 Jan 2024 16:43:46 +0000

Importance: Normal **Attachments:** unnamed

Event: Accepted: FW: Dinner with Advanced Energy United and

Commissioners

Start Date: 2024-02-26 23:00:00 +0000

End Date: 2024-02-27 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Yard House (812 7th Street Northwest, Washington, DC 20001, United States)

Class: X-PERSONAL

Date Created: 2024-01-19 16:43:45 +0000

Date Modified: 2024-01-19 16:44:05 +0000

Priority: 5

DTSTAMP: 2024-01-19 16:43:44 +0000

Event: FW: Dinner with Advanced Energy United and Commissioners

Start Date: 2024-02-26 23:00:00 +0000

End Date: 2024-02-27 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Yard House (812 7th Street Northwest, Washington, DC 20001, United States)

Class: X-PERSONAL

Date Created: 2024-01-19 16:44:03 +0000

Date Modified: 2024-01-19 17:03:27 +0000

Priority: 5

DTSTAMP: 2024-01-19 16:18:28 +0000

Attendee: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; Carreon, Alessandra (LARA) <CarreonA@michigan.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Jim Purekal <jpurekal@advancedenergyunited.org>

Alarm: Display the following message 15m before start

Reminder

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Friday, January 19, 2024 11:15:18 AM (UTC-05:00) Eastern Time (US & Canada)

To: Hannah Polikov <hpolikov@advancedenergyunited.org>; Jim Purekal <jpurekal@advancedenergyunited.org>

Subject: Dinner with Advanced Energy United and Commissioners

When: Monday, February 26, 2024 6:00 PM-8:00 PM.

Where: Yard House (812 7th Street Northwest, Washington, DC 20001, United States)

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" <James. VanNostrand@mass.gov>, "Carreon, Alessandra

(LARA)" <CarreonA@michigan.gov>

Subject: FW: Dinner with Advanced Energy United and Commissioners

Date: Fri, 19 Jan 2024 16:18:49 +0000

Importance: Normal **Attachments:** unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Friday, January 19, 2024 11:15:18 AM (UTC-05:00) Eastern Time (US & Canada)

To: Hannah Polikov hpolikov@advancedenergyunited.org; Jim Purekal jpurekal@advancedenergyunited.org;

Subject: Dinner with Advanced Energy United and Commissioners

When: Monday, February 26, 2024 6:00 PM-8:00 PM.

Where: Yard House (812 7th Street Northwest, Washington, DC 20001, United States)

Event: FW: Dinner with Advanced Energy United and Commissioners

Start Date: 2024-02-26 23:00:00 +0000

End Date: 2024-02-27 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Yard House (812 7th Street Northwest, Washington, DC 20001, United States)

Class: X-PERSONAL

Date Created: 2024-02-04 06:50:45 +0000

Date Modified: 2024-02-04 06:50:45 +0000

Priority: 5

DTSTAMP: 2024-01-19 16:18:28 +0000

Attendee: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; Carreon, Alessandra (LARA) <CarreonA@michigan.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Jim Purekal <jpurekal@advancedenergyunited.org>

Alarm: Display the following message 15m before start

Reminder

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From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Friday, January 19, 2024 11:15:18 AM (UTC-05:00) Eastern Time (US & Canada)

To: Hannah Polikov <hpolikov@advancedenergyunited.org>; Jim Purekal <jpurekal@advancedenergyunited.org>

Subject: Dinner with Advanced Energy United and Commissioners

When: Monday, February 26, 2024 6:00 PM-8:00 PM.

Where: Yard House (812 7th Street Northwest, Washington, DC 20001, United States)

From: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

To: "Hannah Polikov" <hpolikov@advancedenergyunited.org>

Cc: "Jim Purekal" <jpurekal@advancedenergyunited.org>, "Christina Kurre"

<ckurre@advancedenergyunited.org>, "Gardiner, Lynn (DPU)" <Lynn.Gardiner@mass.gov>

Subject: RE: Getting Your Thoughts on the Next Session in the Eastern Commissioners Offshore Wind

Series

Date: Thu, 25 Jan 2024 21:20:37 +0000

Importance: Normal

Hannah—

Yes, I have time next week for a brief call to discuss these issues. Lynn Gardiner, copied here, can find some time on m calendar. In terms of topics, that's a bit of challenge for me. I'm learning that the DPU has a pretty limited role with respect to offshore wind in Massachusetts. DOER handles the procurements (the DPU approves the solicitations and resulting contracts), and the transmission issues are largely addressed at the ISO, which is overseen by Jason Marshall and Weezie Naura at EEA. The Siting Board (on which I serve) approves the transmission projects and associated substations once the offshore wind power reaches the mainland. Jason and I just finished co-chairing the Clean Energy Transmission Working Group, which examined the broader issues associated with clean energy integration, including various recommendations to the legislature. I am happy to participate in ongoing issues, but would defer to others as far as identifying topics and subtopics.

Best, Jamie

From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Tuesday, January 23, 2024 10:02 AM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Cc: Jim Purekal < jpurekal@advancedenergyunited.org>; Christina Kurre < ckurre@advancedenergyunited.org> **Subject:** Getting Your Thoughts on the Next Session in the Eastern Commissioners Offshore Wind Series

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

I hope you're having a great week! Thank you for participating in our Eastern Commissioners Offshore Wind Forum Series last year. As we prepare to continue the series in 2024, we'd love to get your thoughts on what topics and subtopics would be of most interest. Do you have a few minutes this week or next for a brief call to discuss?

Warm regards, Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

Event: Offshore Wind Forum Discussion with Chair Van Nostrand

Start Date: 2024-02-01 19:30:00 +0000

End Date: 2024-02-01 20:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: https://us02web.zoom.us/j/5605450931

Class: X-PERSONAL

Date Created: 2024-01-25 21:40:47 +0000

Date Modified: 2024-01-25 21:43:10 +0000

Priority: 5

DTSTAMP: 2024-01-25 21:40:42 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; Jim Purekal

<jpurekal@advancedenergyunited.org>; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>

Alarm: Display the following message 15m before start

Reminder

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Event: Offshore Wind Forum Discussion with Chair Van Nostrand

Start Date: 2024-02-01 19:30:00 +0000

End Date: 2024-02-01 20:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: https://us02web.zoom.us/j/5605450931

Class: X-PERSONAL

Date Created: 2024-01-25 21:43:11 +0000

Date Modified: 2024-02-01 20:23:08 +0000

Priority: 5

DTSTAMP: 2024-01-25 21:40:42 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; Jim Purekal

<jpurekal@advancedenergyunited.org>; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Event: OSW Forum discussion

Start Date: 2024-02-02 15:00:00 +0000

End Date: 2024-02-02 15:30:00 +0000

Organizer: Hannah Polikov <hpolikov@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/2846796295?

omn=82171909869&from=addon

Class: X-PERSONAL

Date Created: 2024-02-01 22:59:14 +0000

Date Modified: 2024-02-02 17:06:29 +0000

Priority: 5

DTSTAMP: 2024-02-01 22:59:07 +0000

Attendee: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; Christina Kurre <ckurre@advancedenergyunited.org>; Jim Purekal <jpurekal@advancedenergyunited.org>

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hannah Polikov is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

https://advancedenergyunited-org.zoom.us/j/2846796295?omn=82171909869&from=addon

Meeting ID: 284 679 6295

One tap mobile

- +13017158592,,2846796295# US (Washington DC)
- +13052241968,,2846796295# US

Dial by your location

• +1 301 715 8592 US (Washington DC)

- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 558 8656 US (New York)
- +1 646 931 3860 US
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://advancedenergyunited-org.zoom.us/u/kuvlyYP10

Event: Offshore Wind Forum Discussion with Chair Van Nostrand

Start Date: 2024-02-01 19:30:00 +0000

End Date: 2024-02-01 20:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: https://us02web.zoom.us/j/5605450931

Class: X-PERSONAL

Date Created: 2024-02-01 20:08:13 +0000

Date Modified: 2024-02-01 23:05:09 +0000

Priority: 5

DTSTAMP: 2024-01-25 21:40:42 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; Jim Purekal

<jpurekal@advancedenergyunited.org>; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

From: "VanNostrand, James (DPU)" <James.VanNostrand@mass.gov>

To: "Hannah Polikov" <hpolikov@advancedenergyunited.org>

Subject: Accepted: OSW Forum discussion **Date:** Thu, 01 Feb 2024 22:59:31 +0000

Importance: Normal **Attachments:** unnamed

Event: Accepted: OSW Forum discussion

Start Date: 2024-02-02 15:00:00 +0000

End Date: 2024-02-02 15:30:00 +0000

Location: https://advancedenergyunited-org.zoom.us/j/2846796295?

omn=82171909869&from=addon

Class: X-PERSONAL

Date Created: 2024-02-01 22:59:31 +0000

Date Modified: 2024-02-01 22:59:33 +0000

Priority: 5

DTSTAMP: 2024-02-01 22:59:31 +0000

Attendee: Hannah Polikov < hpolikov@advancedenergyunited.org>

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "VanNostrand, James (DPU)" <james.vannostrand@mass.gov>, Christina Kurre

<ckurre@advancedenergyunited.org>, Jim Purekal <jpurekal@advancedenergyunited.org>

Subject: OSW Forum discussion

Date: Thu, 01 Feb 2024 22:59:07 +0000

Importance: Normal Attachments: unnamed

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Hannah Polikov is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

https://advancedenergyunited-org.zoom.us/j/2846796295?omn=82171909869&from=addon

Meeting ID: 284 679 6295

One tap mobile

- +13017158592,,2846796295# US (Washington DC)
- +13052241968,,2846796295# US

Dial by your location

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- +1 689 278 1000 US
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- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://advancedenergyunited-org.zoom.us/u/kuvlyYP10

Event: OSW Forum discussion

Start Date: 2024-02-02 15:00:00 +0000

End Date: 2024-02-02 15:30:00 +0000

Organizer: Hannah Polikov < hpolikov@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/2846796295?

omn=82171909869&from=addon

Class: X-PERSONAL

Date Created: 2024-02-01 22:59:14 +0000

Date Modified: 2024-02-01 22:59:32 +0000

Priority: 5

DTSTAMP: 2024-02-01 22:59:07 +0000

Attendee: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; Christina Kurre <ckurre@advancedenergyunited.org>; Jim Purekal <jpurekal@advancedenergyunited.org>

Alarm: Display the following message 15m before start

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- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://advancedenergyunited-org.zoom.us/u/kuvlyYP10

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: Hannah Polikov hpolikov@advancedenergyunited.org, "VanNostrand, James (DPU)"

<James.VanNostrand@mass.gov>

Subject: Offshore Wind Forum Discussion with Chair Van Nostrand

Date: Thu, 25 Jan 2024 21:40:42 +0000

Importance: Normal **Attachments:** unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Event: Offshore Wind Forum Discussion with Chair Van Nostrand

Start Date: 2024-02-01 19:30:00 +0000

End Date: 2024-02-01 20:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: https://us02web.zoom.us/j/5605450931

Class: X-PERSONAL

Date Created: 2024-01-25 21:40:47 +0000

Date Modified: 2024-01-25 21:42:56 +0000

Priority: 5

DTSTAMP: 2024-01-25 21:40:42 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; Jim Purekal

<jpurekal@advancedenergyunited.org>; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>

Alarm: Display the following message 15m before start

Reminder

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From: "VanNostrand, James (DPU)" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2165dba6204644c5b288cf319cda67b1-fd49d100-b2>

To: "Christina Kurre" <ckurre@advancedenergyunited.org>

Subject: Accepted: Offshore Wind Forum Discussion with Chair Van Nostrand

Date: Thu, 25 Jan 2024 21:42:54 +0000

Importance: Normal **Attachments:** unnamed

Event: Accepted: Offshore Wind Forum Discussion with Chair Van Nostrand

Start Date: 2024-02-01 19:30:00 +0000

End Date: 2024-02-01 20:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: https://us02web.zoom.us/j/5605450931

Class: X-PERSONAL

Date Created: 2024-01-25 21:42:54 +0000

Date Modified: 2024-01-25 21:42:58 +0000

Priority: 5

DTSTAMP: 2024-01-25 21:42:54 +0000

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "VanNostrand, James (DPU)" <James.VanNostrand@mass.gov> **Subject:** RE: DOE Fellows for Utility Commissions: Apply by March 5

Date: Tue, 06 Feb 2024 14:11:14 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.



Hannah Polikov reacted to your message:

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Sent: Tuesday, February 6, 2024 2:10:17 PM

Cc: Erin Auel <eauel@advancedenergyunited.org>

Subject: RE: DOE Fellows for Utility Commissions: Apply by March 5

Thanks, Hannah. We are on it!

Best, Jamie

From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Tuesday, February 6, 2024 6:05 AM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Cc: Erin Auel <eauel@advancedenergyunited.org>

Subject: DOE Fellows for Utility Commissions: Apply by March 5

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

I hope your week is off to a great start! I wanted to let you know that the window has opened for the next round of the U.S. Department of Energy (DOE)'s Clean Energy Innovator Fellowship (CEIF). DOE CEIF sponsors individuals to work **full-time for up to two years** at public utility commissions across the country to support clean energy, transportation electrification, and grid resilience.

The application just launched, and the deadline to apply is March 5th. Additional details and the application can be found through DOE at this website.

To get started, commissions need to submit a potential project scope and identify someone on staff as the project "mentor" to oversee the fellow's work. If selected, Host Institutions will be connected to a pool of qualified recent graduates and energy professionals and will have the opportunity to select the best candidate to support their needs.

If you have any questions, you can contact the CEIF Program at CEIF@ee.doe.gov, or reply to my colleague, Erin Auel, copied on this email.

Warm regards,

Hannah

Hannah Polikov

Managing Director

Advanced Energy United
Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

To: "Echeverria, Teddy (DPU)" < Teddy. Echeverria@mass.gov>, "Kelly, Theresa (DPU)"

<theresa.kelly@mass.gov>

Subject: Fwd: DOE Fellows for Utility Commissions: Apply by March 5

Date: Tue, 06 Feb 2024 12:27:59 +0000

Importance: Normal

FYI

Get Outlook for iOS

From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Tuesday, February 6, 2024 6:04:37 AM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Cc: Erin Auel <eauel@advancedenergyunited.org>

Subject: DOE Fellows for Utility Commissions: Apply by March 5

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

I hope your week is off to a great start! I wanted to let you know that the window has opened for the next round of the U.S. Department of Energy (DOE)'s Clean Energy Innovator Fellowship (CEIF). DOE CEIF sponsors individuals to work **full-time for up to two years** at public utility commissions across the country to support clean energy, transportation electrification, and grid resilience.

The application just launched, and the deadline to apply is March 5th. Additional details and the application can be found through DOE at this website.

To get started, commissions need to submit a potential project scope and identify someone on staff as the project "mentor" to oversee the fellow's work. If selected, Host Institutions will be connected to a pool of qualified recent graduates and energy professionals and will have the opportunity to select the best candidate to support their needs.

If you have any questions, you can contact the CEIF Program at CEIF@ee.doe.gov, or reply to my colleague, Erin Auel, copied on this email.

Warm regards,

Hannah

Hannah Polikov Managing Director Advanced Energy United Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654 Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "Sophie Watterson" <swatterson@advancedenergyunited.org>

To: "john.reynolds@cpuc.ca.gov" < John.Reynolds@cpuc.ca.gov>, "Valcq, Rebecca"

<Rebecca. Valcq@wisconsin.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>,

Jehmal Hudson < Jehmal. Hudson@scc.virginia.gov >, Davante Lewis

<davante.lewis@la.gov>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "Blank

- DORA, Eric" <eric.blank@state.co.us>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>,

"Staci.Rubin@state.ma.us" <staci.rubin@mass.gov>, "Thompson, Emile (PSC)"

<ethompson@psc.dc.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org**Subject:** Re: Commissioners Cohort April 28 Call and Slide Deck

Date: Fri, 05 May 2023 17:41:23 +0000

Importance: Normal

Attachments: V2 Final Institute Commissioners Equity Cohort Slides April 2023.pdf

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioners,

I hope this email finds you all well! The list of supplemental resources has been updated with materials from our Q2 cohort session: Commissioners Equity Cohort Supplemental Resources.docx. Please feel free to continue sending us resources that you would like to include, or to add directly to this document. I have also attached the slide deck as presented to this email.

If you haven't already, please take a few moments to complete this brief <u>survey</u> on the Q2 session so that we can continually improve and put together valuable sessions.

Best,

--

Sophie Watterson

Policy Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Friday, April 28, 2023 at 2:50 PM

To: john.reynolds@cpuc.ca.gov < John.Reynolds@cpuc.ca.gov >, Valcq, Rebecca

<Rebecca.Valcq@wisconsin.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, McKissick, Floyd

<fmckissick@ncuc.net>, McCabe, Ann <Ann.McCabe@Illinois.gov>, Jehmal Hudson

<Jehmal.Hudson@scc.virginia.gov>, Davante Lewis <davante.lewis@la.gov>, rory.christian@dps.ny.gov

<rory.christian@dps.ny.gov>, Blank - DORA, Eric <eric.blank@state.co.us>, Gillett, Marissa

<Marissa.Gillett@ct.gov>, Staci.Rubin@state.ma.us <staci.rubin@state.ma.us>, Thompson, Emile (PSC)

<ethompson@psc.dc.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org **Subject:** Re: Commissioners Cohort April 28 Call and Slide Deck

Hi all,

Thank you for joining our second cohort session this afternoon! Please take a few moments to complete this brief <u>survey</u> so that we can continually improve and put together valuable sessions.

We will compile a list of the examples, proceedings, and other resources that were discussed during today's call and add them to the existing document: <u>Commissioners Equity Cohort Supplemental Resources</u>. Reminder that this is a living document you all have access to. Please feel free to send us resources that you would like to include, and feel free to add directly to this document.

Warmly,

--

Sophie Watterson

Policy Associate

Advanced Energy United

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Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

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From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Tuesday, April 25, 2023 at 9:16 AM

To: john.reynolds@cpuc.ca.gov < John.Reynolds@cpuc.ca.gov >, Valcq, Rebecca

<Rebecca.Valcq@wisconsin.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, McKissick, Floyd

<fmckissick@ncuc.net>, McCabe, Ann <Ann.McCabe@Illinois.gov>, Jehmal Hudson

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<davante.lewis@la.gov>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, Blank - DORA, Eric

<eric.blank@state.co.us>, Gillett, Marissa <Marissa.Gillett@ct.gov>, Staci.Rubin@state.ma.us

<staci.rubin@state.ma.us>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>

Cc: Hannah Polikov holikov holik

<rebecca.l.tepper@state.ma.us>, Muse, Whitney <whitney.muse@hq.doe.gov>, Reed, Dylan

<dylan.reed@hq.doe.gov>, Fantroy, Sierra (CONTR) <sierra.fantroy@hq.doe.gov>

Subject: Commissioners Cohort April 28 Call and Slide Deck

Dear Commissioners,

We are looking forward to our Q2 Commissioners Equity Cohort virtual meeting this **Friday, April 28th 11-12:30pm PST/2-3:30pm EST**. This discussion will be held via Zoom. Please join by video using this link, which is included in the calendar invitation.

Our Q2 call will focus on how PUCs can be Leveraging IIJA and IRA to Advance Equity with presentations from Whitney Muse, Chief of Staff at the United State Department of Energy Grid Deployment Office and Secretary Rebecca Tepper at the Massachusetts Executive Office of Energy and Environmental Affairs. While no preparation is required for this session, you're welcome to review the slide deck (attached) in advance and think about the questions posed on slides 3, 9, and 18.

Please let us know if you have any questions in advance of the meeting.	

Warmly,

Sophie and Hannah

Sophie Watterson

Policy Associate

Advanced Energy United
Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org o: 202.380.1950 x3035

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Commissioners Equity Cohort

Q2 Leveraging IIJA and IRA to Advance Equity



Agenda

All times shown in ET

2:00-2:10pm Welcome and Opening Round-the-Horn

Hannah Polikov, Managing Director, Advanced Energy United

2:10-2:15pm Federal Perspective

Whitney Muse, Chief of Staff, United States Department of Energy Grid Deployment Office

2:15-2:35pm Discussion

2:35-2:40pm State Perspective

Secretary Rebecca Tepper, Massachusetts Executive Office of Energy and Environmental Affairs

2:40-3:00pm Discussion

3:00-3:15pm Thinking Towards Q3 Cohort Session: Leveraging IIJA/IRA and Facilitating an Equitable Gas Transition

Sophie Watterson, Policy Associate, Advanced Energy United

3:15-3:30pm Wrap-Up and Key Take-Aways

Hannah Polikov, Managing Director, Advanced Energy United



Welcome to the Commissioners Equity Cohort!

About the cohort:

12 commissioners from every region of the country, brought together quarterly for the next 2 years to learn and share ways to advance equity within PUCs

Our promise to you:

To use your time effectively and efficiently

To bring you actionable ideas

To keep it engaging



Cohort Guidelines

Participate in quarterly virtual cohort meetings

Please share your feedback with us so that we may continually improve and co-create a useful space

Chatham House rules

Participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed

- Keep video on
- Use the "raise hand" feature during our conversation
- Please keep comments concise





What do you want to learn about federal funding opportunities in IIJA and IRA to support energy equity in your state?





IIJA and IRA invest in a clean energy future that supports affordability and equity

- The Infrastructure and Investment Jobs Act (IIJA) of 2021 and Inflation Reduction Act (IRA) of 2022 represent \$442B investment in clean energy and energy efficiency
- By driving down the cost of clean energy technologies and investing in energy efficiency,
 IIJA and IRA can help reduce household energy costs
- IIJA and IRA direct investment to communities that have been underserved or may face additional barriers to access clean energy and energy efficiency
- The Justice40 framework of benefits applies to all IIJA/IRA provisions related to clean energy and energy efficiency



Many programs¹ in IIJA and IRA are designed specifically to advance equity

Bonuses to support clean energy development in underserved communities

Energy Community Tax Credit Bonus

Low-Income Community Tax Credit Bonus LMI-focused²
rebate programs for home efficiency and electrification

Home Owner
Managing Energy
Savings (HOMES)
Program

High-Efficiency Electric Home Rebate (HEEHRA) Program Funding programs to support the fossil fuel transition

Energy
Infrastructure
Reinvestment
(EIR) Financing

Energy Community Tax Credit Bonus Programs to support clean energy, storage and energy efficiency for rural Americans

> Energy Improvements in Rural or Remote Areas Program

> Rural Renewable Electricity Loans

Support for tribal energy investments

Tribal Loan Guarantee Program

State and Tribal
Grid Resilience
Formula Grants

Programs to reduce emissions in low-income and disadvantaged communities

Greenhouse Gas Reduction Fund (GGRF)

Climate Pollution Reduction Grants



Federal investments that impact PUC role and oversight

- DOE Programs to be aware of:
 - State Energy Program funding now require Transmission and Distribution Planning (SCEP)
 - \$2.3 billion in Grid Resilience State & Tribal Formula Grants (GDO)
 - \$10.5 billion GRIP competitive funding program (GDO)
- Engaging with federal funding coming into states
 - Building relationships with State Energy Offices that receive federal funds
 - Understanding utility investments supported by IIJA/IRA funds





Discussion Questions

- 1. IIJA and IRA provide funding streams through multiple federal agencies to many state agencies and different types of entities that you regulate.
 - a) How can the federal government help you in advancing energy equity goals?
 - b) How are you coordinating on the state side to advance energy equity across the different programs and funding streams?
- 2. How can federal technical assistance dollars support energy equity advancement at the PUCs?
- 3. How has the IIJA and IRA funding and the longer timelines for their implementation affected your Commission's assessments of resource planning and expected baselines?





- Utility oversight
- Outlining priorities for funding opportunities
- Applying for grants and/or matching funds
- Helping communities and/or stakeholders
- Working with state energy offices



Decisions about funding opportunities

Ability to apply for and administer grants

Use of funds

Tracking of funds and tax credits

Planning



Decisions about funding opportunities

- What funding opportunities do they intend to seek?
- What funding opportunities have they declined to seek?
- What is the decision-making process for determining what grants to apply for? Is there
 any stakeholder involvement?



Ability to apply for and administer grants

- Do they have the organizational expertise to apply for and administer the grants?
- How will they address any matching fund requirements?
- How do they intend to develop community benefit plans and comply with Justice 40 initiative?



Use of funds

- Is the proposed use of funds consistent with state policies?
 - Reduce emissions?
 - Expedite plans to achieve decarbonization goals?
 - Promote equity?
- How will they pass savings on to customers?
- Who will benefit? Customers? Shareholders?



Tracking funds and tax credits

- How are they tracking the use of funds and tax credits?
- How are they tracking the benefits and compliance with Justice 40?
- Is this information publicly-available?



Planning

- Are they preparing for the grid impacts of IRA/IIJA?
- How will they track state, local government, and nonprofit funding decisions and how these decisions will impact the grid?



Discussion Questions:

1. How do you involve communities in utility decision-making?

2. How do you ensure that utilities are not adding unnecessary rate base that ultimately will cost customers more money?

3. How do you ensure that savings are passed on to customers?



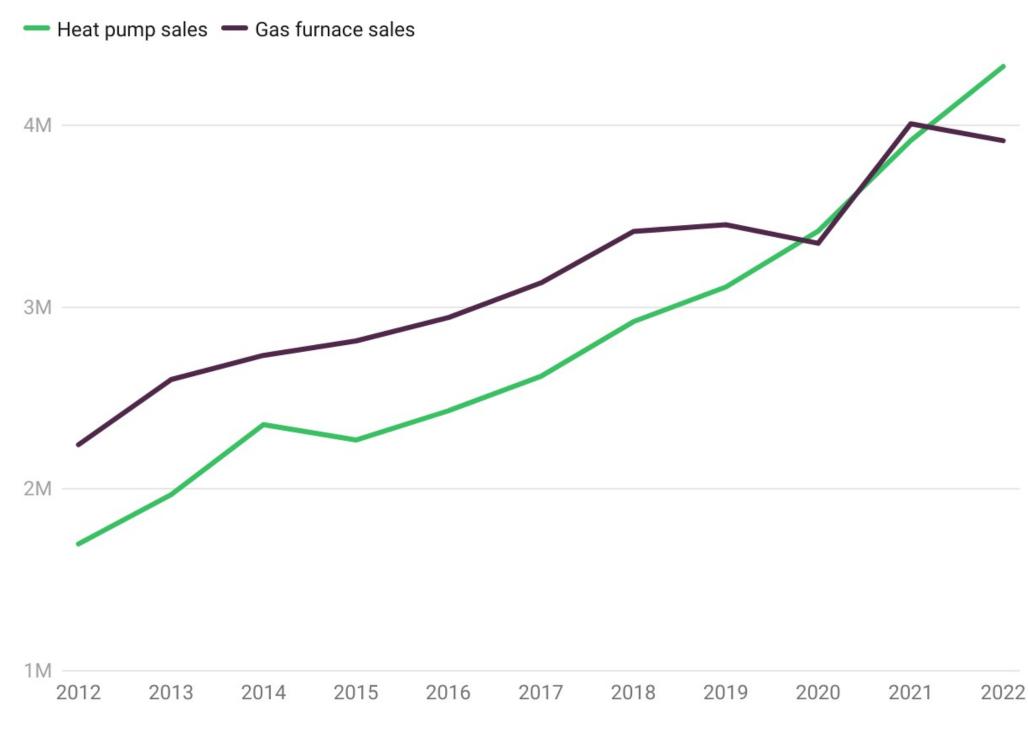


A combination of factors are changing demand for natural gas in buildings

Factors:

- Economy-wide state and local decarbonization policies
- Increasing and volatile gas prices
- Cost-competitive electric appliances (e.g. heat pumps, induction cooktops)
- Protecting health from indoor air pollution

Heat pump sales in U.S. surged past gas furnaces in 2022



2022 figures include sales data for Jan-Nov and projected sales for Dec.
Chart: Canary Media • Source: Air-Conditioning, Heating, and Refrigeration Institute



IIJA/IRA investments are expected to accelerate the shift towards building electrification and away from gas

New rebate programs

\$4.3B HOMES rebate program for whole-home energy retrofits

\$4.3B HEEHRA rebate program for household electrification

Extended and expanded tax credits³

\$12B Energy efficient home improvement tax credit (25C)

\$22B Residential clean energy tax credit (25D)

\$2B New energy efficient homes credit (45L)

\$362M Efficient commercial buildings deduction (179D)

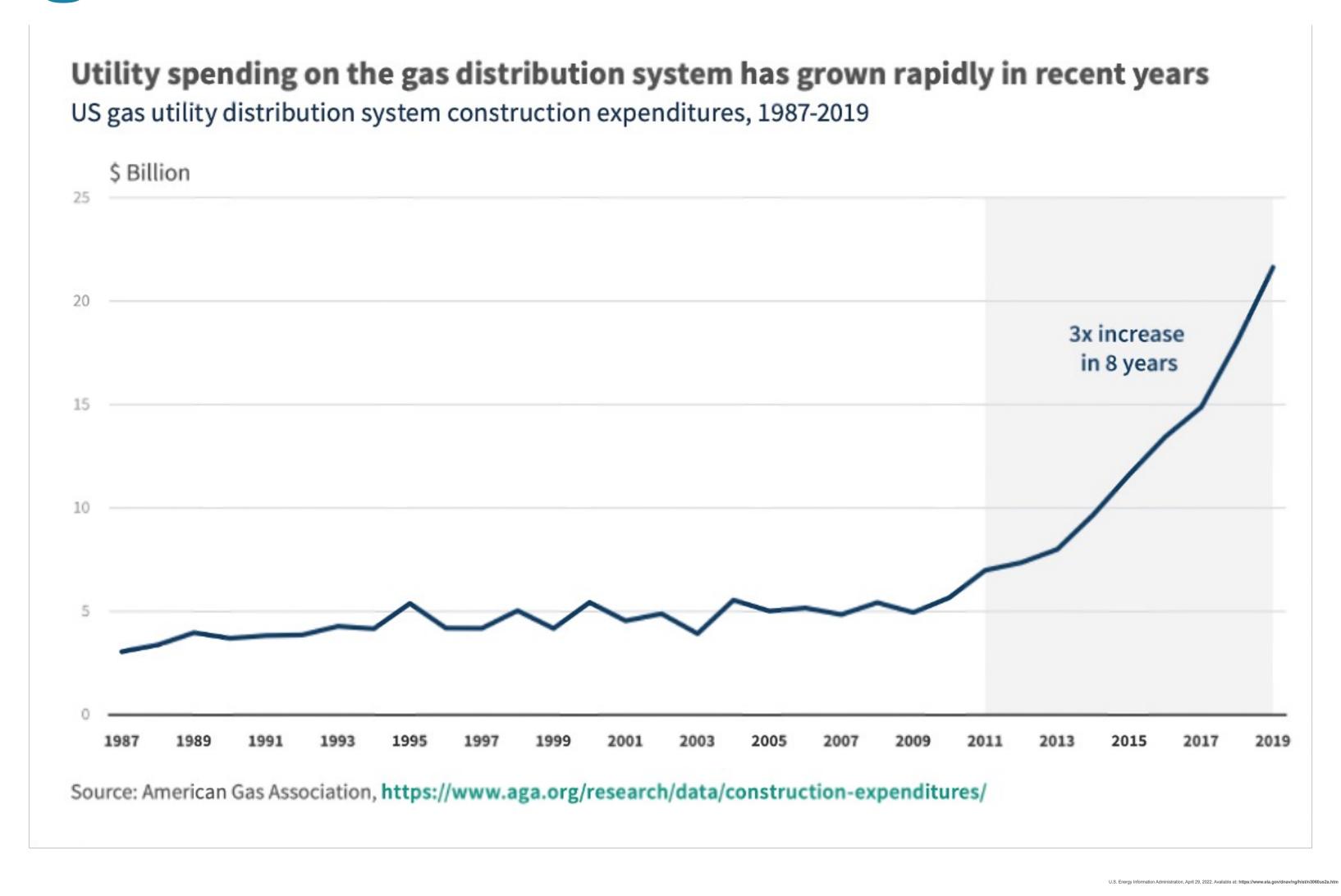


Leveraging IIJA/IRA and Facilitating an Equitable Gas Transition

- Utility oversight: Planning
- Outlining priorities for funding opportunities
- Applying for grants and/or matching funds
- Helping communities and/or stakeholders
- Working with state energy offices



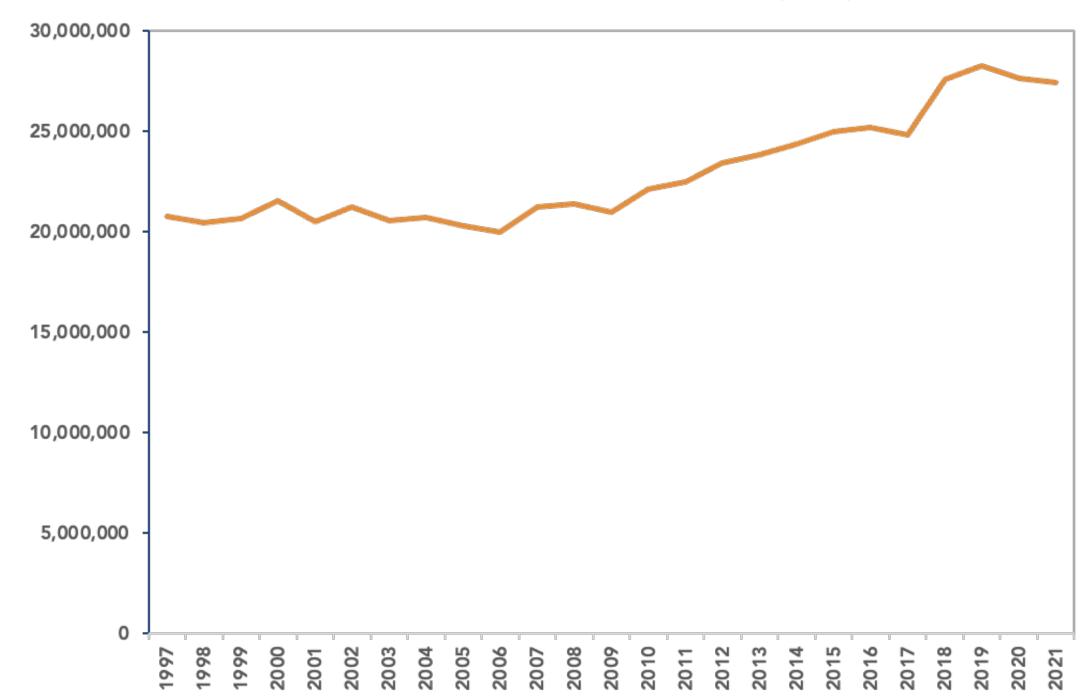
Spending on the gas distribution system is rapidly increasing





Over the same period, gas sales have only increased 25%

Natural Gas Delivered to Consumers in the U.S. (MMcf)



U.S. Energy Information Administration, April 29, 2022. Available at: https://www.eia.gov/dnav/ng/hist/n3060us2a.htm.

- Rate of distribution system spending has outpaced rate of growth in gas sales
- Gas sales and number of gas customers will decrease with electrification
- Equity concern: customers slow to electrify (including limited-income customers, renters) may face unsustainable gas rate increases



Leveraging IIJA/IRA and Facilitating an Equitable Gas Transition

Utility oversight: Planning

- Are gas utilities preparing long-term integrated resource and/or distribution system plans aligned with expected increased electrification to prevent over-investment in the gas system and stranded asset risk?⁴
- Are electric utilities planning for increased load on the distribution system, changing load shapes, and are they designing rates and programs accordingly to maintain customer affordability?
- Are there robust energy efficiency customer programs that will at least partially offset new electric loads in the state?



Leveraging IIJA/IRA and Facilitating an Equitable Gas Transition

Helping communities and/or stakeholders

- Is your commission seeking and receiving input from communities and/or nontraditional stakeholders gas transition issues, including how to prioritize affordability and equity?
- Is your commission sharing information about the HOMES and HEEHRA programs e.g. on website?



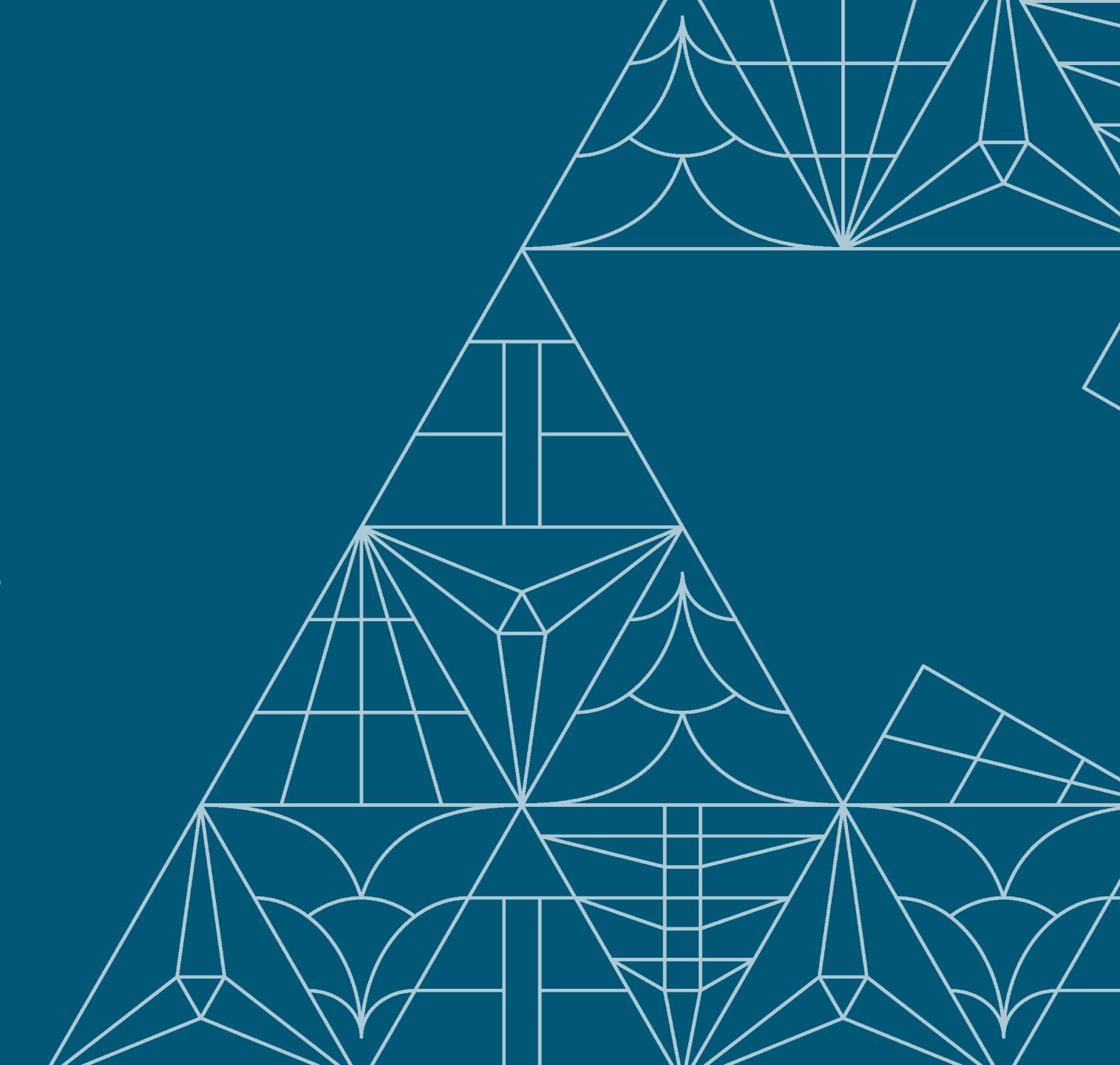
Leveraging IIJA/IRA and Facilitating an Equitable Gas Transition

Working with state energy offices (SEOs) and other relevant entities

- Does your commission have appropriate communication channels with your SEO? For example:
 - To track the benefits and grid impacts of energy efficiency and electrification programs?
 - To increase customer access to relevant programs?
 - To avoid complexity where there may be overlapping programs?
 - To consider more formally linking programs e.g. utility electrification programs with stateadministered weatherization and energy efficiency upgrades?
- Does your commission have appropriate communication channels with other recipients of IIJA/IRA dollars e.g. tribal governments, housing authorities, counties and municipalities?



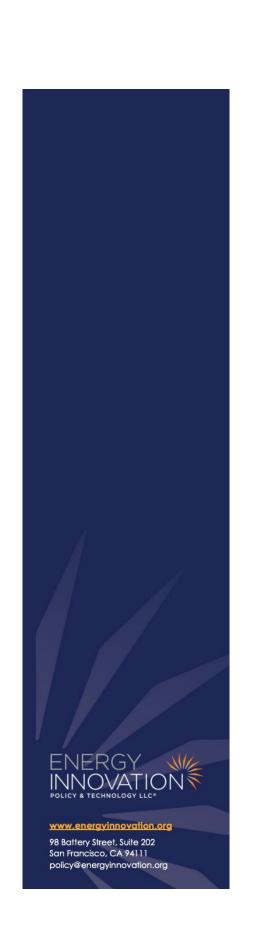
Wrap-Up Polling Please choose from selected options.

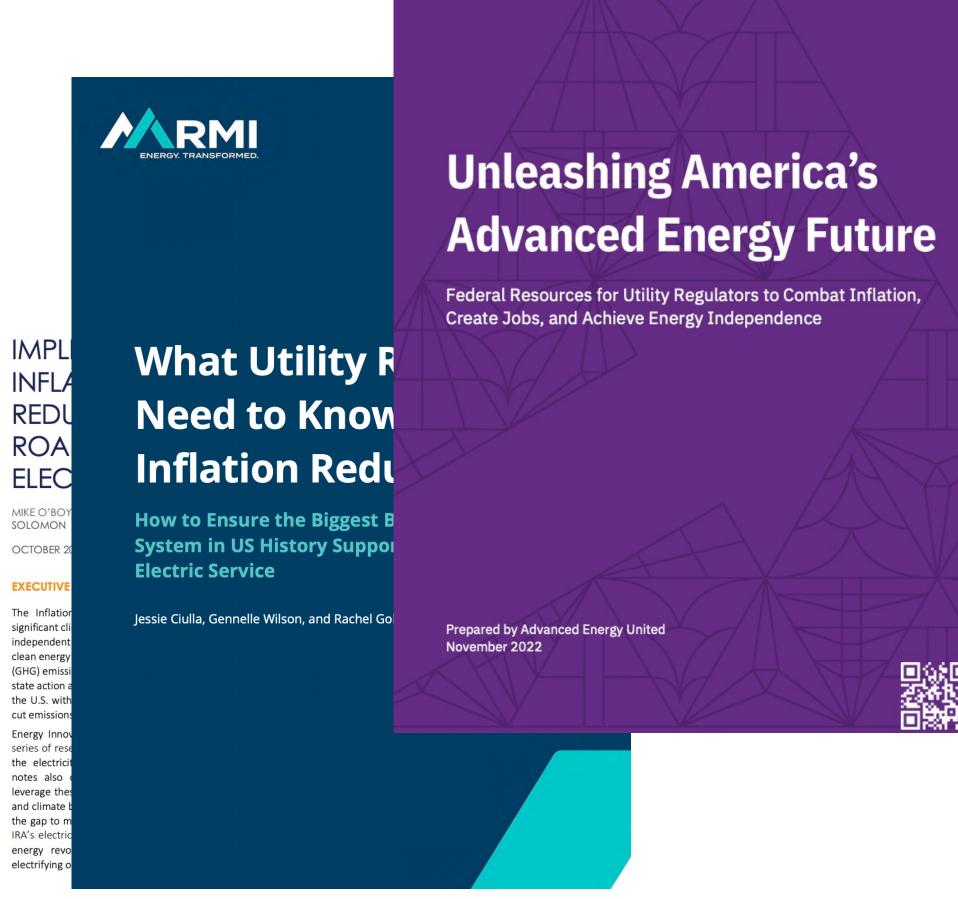


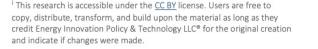


Additional Resources for PUCs on IIJA and IRA

- Advanced Energy United, <u>Unleashing</u> <u>America's Advanced Energy Future</u> – <u>Guide for Regulators</u> (IIJA and IRA)
- RMI, What Utility Regulators Need to Know About the IRA
- Energy Innovation, <u>Implementing the</u> Inflation Reduction Act









Thank you.

Next cohort meeting Monday, July 24th 12-1pm PT/3-5pm ET

Topic: Facilitating an Equitable

Gas Transition



1010 Vermont Ave. NW, Suite 1050 Washington, D.C. 20005 advancedenergyinstitute.org



We welcome your feedback.

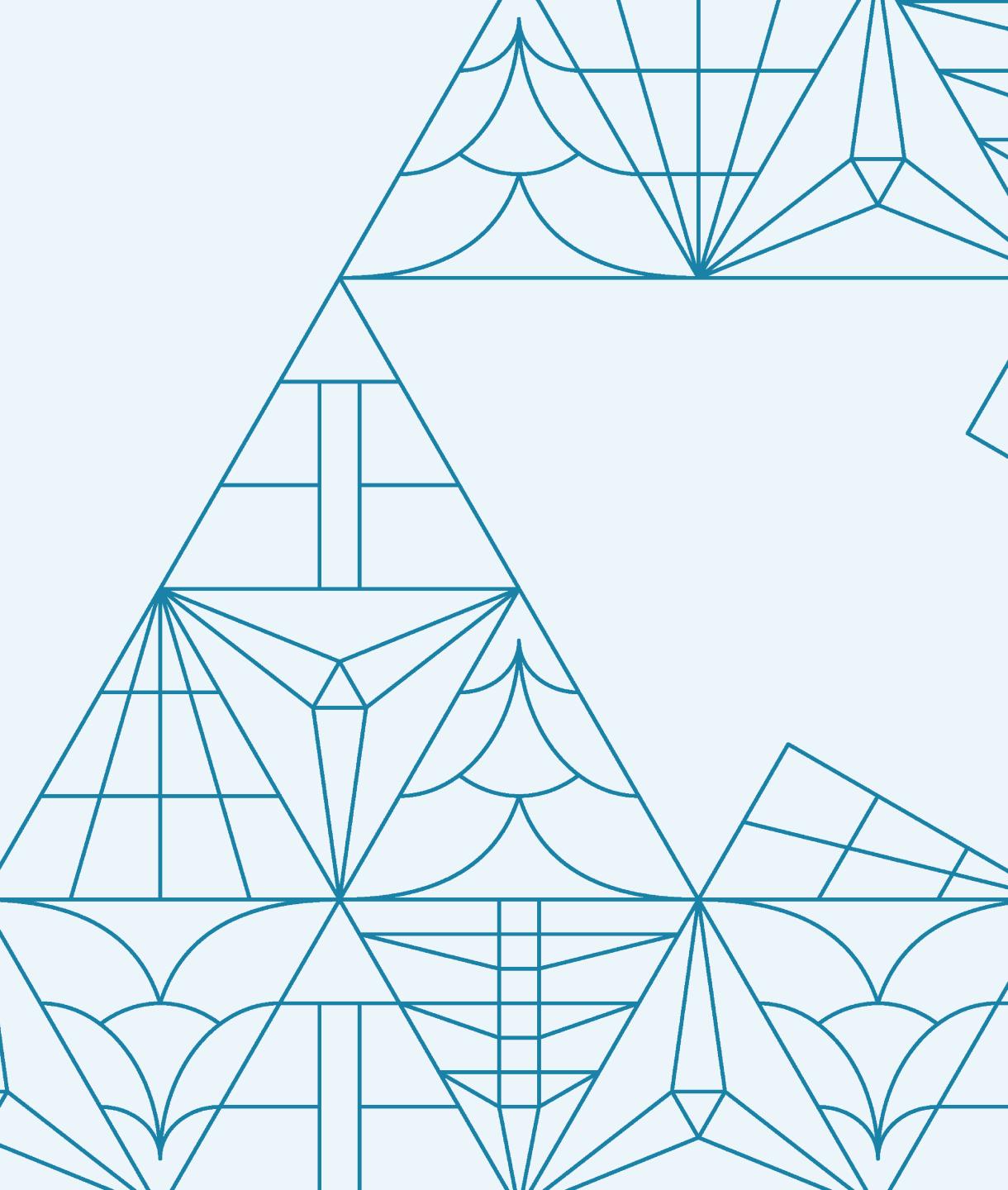
Hannah Polikov hpolikov@advancedenergyunited.org

Sophie Watterson

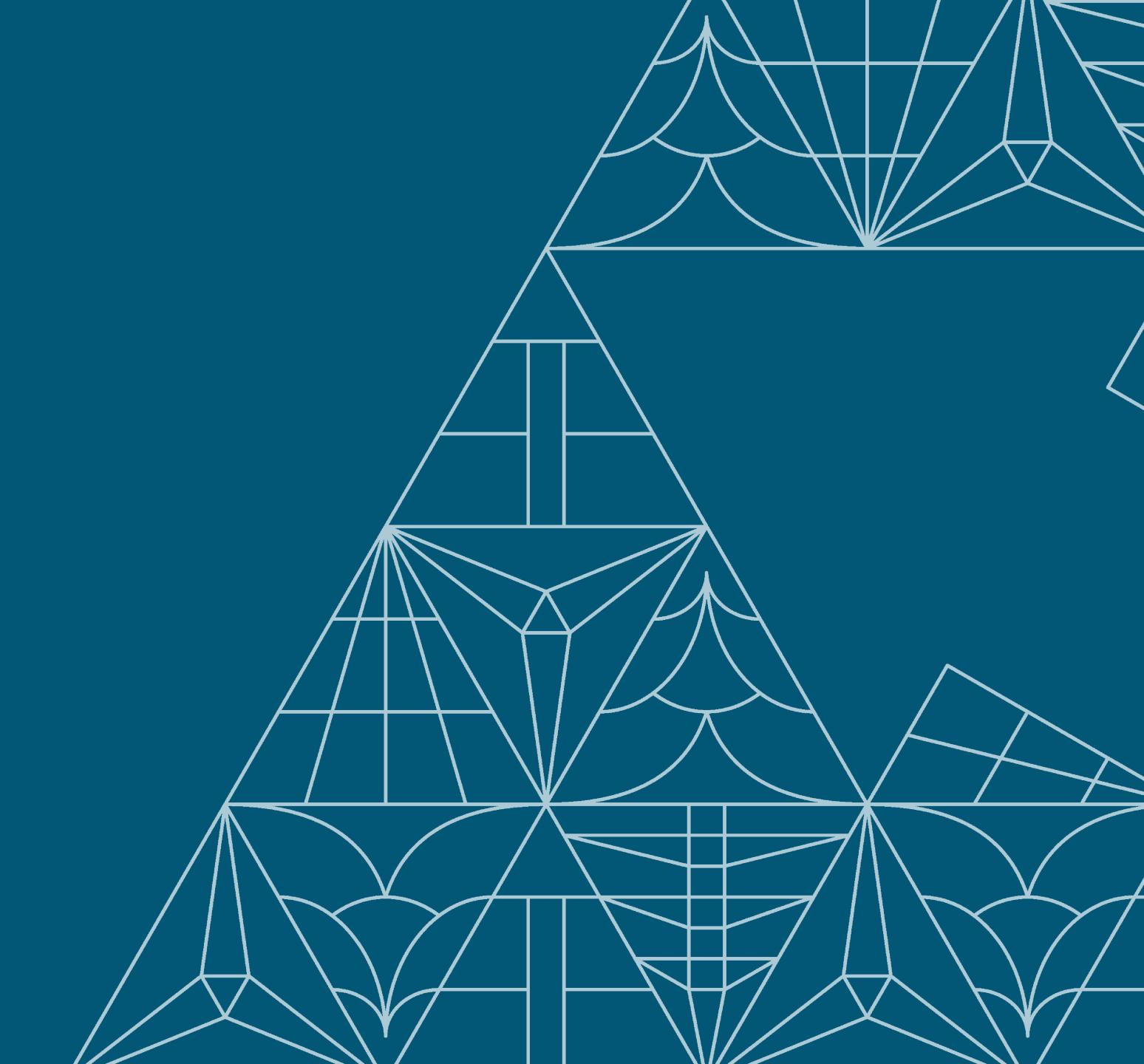
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Appendix A





Bonuses to support clean energy development in energy transition and low-income communities

Energy Community Tax Credit Bonus (Treasury) – see latest IRS guidance here

- 10% bonus for applicable tax credits⁵ to support clean energy development in energy communities
- Eligible: projects in a) brownfields, b) coal communities, or c) fossil fuel transition communities

Low-Income Community Tax Credit Bonus (Treasury) – see latest IRS guidance here

- 10% bonus for 48 and 48(E) investment tax credits (ITCs) for projects in low-income communities and on Indian lands; 20% bonus if project is part of a low-income residential building or qualified as a low-income economic benefit
- Eligible: solar and wind projects under 5 MW, capped at 1.8 GW/year



Funding programs to support the fossil fuel transition and tribal energy investments

Energy Infrastructure Reinvestment (EIR) Financing (DOE) – loans must be issued by September 2026

- \$5B for projects that reduce emissions from energy infrastructure, defined as facilities and equipment used for electricity generation or fossil fuel or petrochemical processing, or projects that repurpose or replace energy infrastructure no longer in use
- Eligible: owners and/or operators of energy infrastructure

Tribal Loan Guarantee Program (DOE)

- \$75M to support tribal investment in energy-related projects through grants, direct loans, loan guarantees, technical assistance
- Eligible: tribes and tribal energy development organizations

State and Tribal Grid Resilience Formula Grants (DOE)

- \$2.3B to strengthen and modernize the grid against wildfires, extreme weather, and other natural disasters
- <u>Eligible:</u> federal recognized Indian Tribes, including the Alaska Native Regional Corporations and Alaska Native Village Corporations



LMI-focused rebate programs for residential energy efficiency and electrification

Home Owner Managing Energy Savings (HOMES) Rebate Program (DOE)

- \$4.3B for whole-home energy retrofits to single family and multi-family dwellings that achieve modeled energy savings; rebate levels vary by income and type of residence
- <u>Eligible</u>: owners of residential buildings via state energy offices (SEOs)

High-Efficiency Electric Home Rebate (HEEHRA) Program (DOE)

- \$4.3B to reduce or eliminate the upfront cost to electrify low- and moderate-income (LMI)
 households⁶
 - 100% costs covered (to cap of \$14K) households < 80% AMI
 - 50% costs covered (to cap of \$14K) households 80-150% AMI
- <u>Eligible</u>: owners of residential buildings via SEOs; \$225M set-aside for tribal governments



Programs to support clean energy, storage and energy efficiency for rural Americans

Energy Improvements in Rural or Remote Areas Program (DOE)

- \$1B to improve the cost-effectiveness of energy systems, site or upgrade transmission and distribution lines, reduce emissions from energy generation, develop microgrids, and increase energy efficiency in rural areas
- Eligible: cities, towns, or unincorporated areas with fewer than 10,000 people

Rural Renewable Electricity Loans (USDA)

- \$1B for loans and loan forgiveness for renewable electricity generation and storage projects
- <u>Eligible</u>: electric utilities that serve customers in rural areas, including tribal utilities, public power utilities, cooperatives, and for-profit utilities



Programs to reduce emissions in low-income and disadvantaged communities

Greenhouse Gas Reduction Fund (GGRF) (EPA) – implementation framework released April 2023

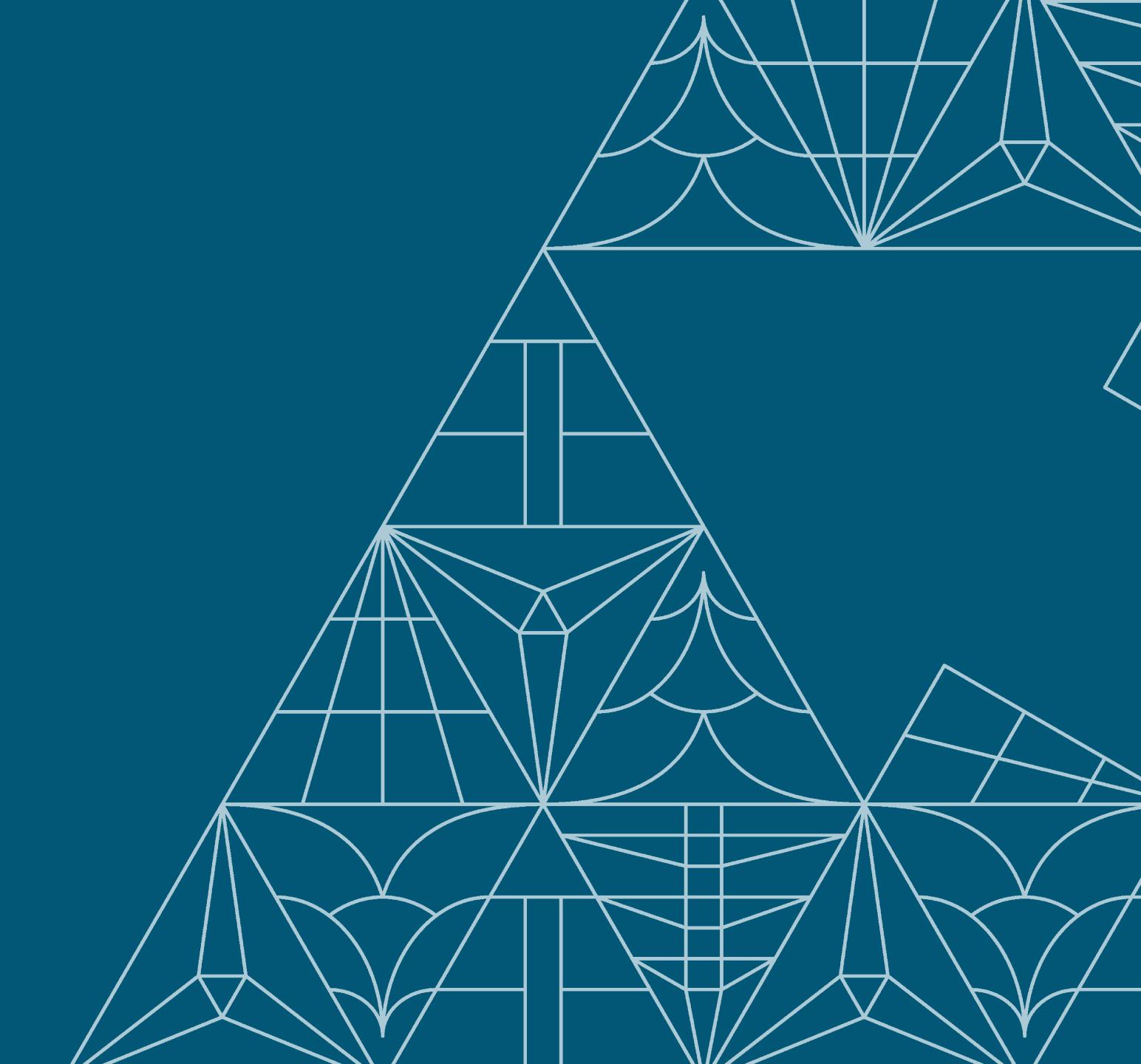
- \$27B to leverage private funding for clean energy and air investments, split into:
 - 1. \$20B <u>General and Low-Income Assistance Competition</u> to nonprofit entities collaborating with green banks, credit unions, and local financing agencies. Qualified projects will reduce GHG emissions while lowering costs for overburdened families in disadvantaged communities.
 - 2. \$7B Zero-Emissions Technology Fund Competition to states, tribes, municipalities, and eligible nonprofits to deploy rooftop solar, community solar, and storage in low-income and disadvantaged communities.

Climate Pollution Reduction Grants (EPA)

- \$5B for projects that reduce GHG emissions in the states (\$250 million for noncompetitive planning grants and \$4.6B for competitive implementation grants)
- Eligible: states, tribes, air pollution control agencies, municipalities



Appendix B





Sample questions for PUCs: leveraging bonuses to support clean energy development in underserved communities

Energy Community Tax Credit Bonus (Treasury)

10% bonus for tax credits⁷ to support clean energy development in energy communities i.e. brownfields, coal communities, or fossil fuel transition communities

Low-Income Community Tax Credit Bonus (Treasury)

10% bonus for investment tax credits for small solar and wind projects in low-income communities and on Indian lands; 20% bonus if project is part of a low-income residential building or qualified as a low-income economic benefit

Resource Planning

• Are regulated entities taking advantage of tax credit bonuses to support clean energy development in energy communities, lowincome communities, and on Indian lands?

Ratemaking

- Are regulated entities ensuring that savings are accruing appropriately to customers?
- PUCs may consider opening investigatory proceedings for regulated entities to identify potential cost savings in IIJA and IRA



Sample questions for PUCs: leveraging programs to support the fossil fuel transition

Energy Infrastructure Reinvestment (EIR) Financing (DOE)

Note: loans must be issued by Sept. 2026

\$5B for a wide variety of projects that reduce emissions from energy infrastructure e.g. fossil fuel power plant retirements, pipeline conversion, clean energy and associated transmission development, EV charging infrastructure, and heat pump conversion

Energy Community Tax Credit Bonus (Treasury)

10% bonus for tax credits⁸ to support clean energy development in energy communities i.e. brownfields, coal communities, or fossil fuel transition communities

Resource Planning

- Are regulated entities applying for EIR loans to retire fossil fuel generation, convert pipelines, support clean energy development and transmission, or otherwise?
- Are regulated entities taking advantage of tax credit bonuses to support clean energy development in energy communities?

Ratemaking

 Are regulated entities ensuring that financial benefits of EIR loans flow through to customers?



From: Kat Burnham < KBurnham @advancedenergyunited.org >

To: "Rubin, Staci (DPU)" < staci.rubin@mass.gov>

Cc: Jeremy McDiarmid < jmcdiarmid@advancedenergyunited.org >, Caitlin Marquis

<cmarquis@advancedenergyunited.org>

Subject: Re: NECPUC Coffee Meetup?

Date: Wed, 24 May 2023 12:18:59 +0000

Importance: Normal

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Good morning Commissioner Rubin,

Following up on the brief coffee chat with Advanced Energy United folks during the afternoon networking break today

I want to make sure you saw the updated invite, we're planning to meet a the long table outside Alpine Hall. Take the stairs on the left as you enter the lobby of the Lodge.

This is an informal activity, it's an opportunity to make introductions and share a brief discussion.

Just in case, my cell is 774-266-6037.

We look forward to meeting with you.

-Kat

V-4

Kat Burnham Senior Principal

Advanced Energy United

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e: kburnham@advancedenergyunited.org o: 202.380.1950 x3003 m: 774.266.6037

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Kat Burnham < KBurnham@advancedenergyunited.org>

Date: Wednesday, April 26, 2023 at 10:36 AM

To: Rubin, Staci (DPU) <staci.rubin@state.ma.us>, Jeremy McDiarmid

<jmcdiarmid@advancedenergyunited.org>

Cc: Hannah Polikov horizon dayancedenergyunited.org, Sophie Watterson

<swatterson@advancedenergyunited.org>
Subject: Re: NECPUC Coffee Meetup?

Hi Staci,

We're looking forward to NECPUC! Given your schedule, how about we plan to meet Wednesday during the afternoon break, following the plenary? I'll go ahead and send a calendar invite for 2:15 pm on 5/24 as a reminder but please let

me know if we need to find another time.

I haven't been to the Lodge in Stowe before, but I'm planning to arrive on Monday and scope out convenient areas to chat. If the weather's nice, perhaps we can enjoy the outdoor patio. I will follow up with you to confirm the location and update the calendar invite accordingly.

Thank you, -Kat

--K-4 D

Kat Burnham

Senior Principal

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www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) <staci.rubin@state.ma.us>

Date: Tuesday, April 25, 2023 at 11:33 AM

To: Jeremy McDiarmid < jmcdiarmid@advancedenergyunited.org>

Cc: Kat Burnham < KBurnham@advancedenergyunited.org >, Hannah Polikov

<hpolikov@advancedenergyunited.org>, Sophie Watterson <swatterson@advancedenergyunited.org>

Subject: RE: NECPUC Coffee Meetup?

Hello Jeremy, Kat, Hannah, and Sophie:

I would be happy to meet at NECPUC. My only limitation is that I will only attend NECPUC on Wednesday and Thursday morning so my availability is limited to Wednesday afternoon or evening in between panels. If we can make that work, then great.

Jeremy – thanks for your kind words. It was good to see you in person recently.

Hannah and Sophie - see you on Friday.

Best, Staci

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Jeremy McDiarmid < jmcdiarmid@advancedenergyunited.org>

Sent: Tuesday, April 25, 2023 9:40 AM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Cc: Kat Burnham < KBurnham@advancedenergyunited.org >; Hannah Polikov < hpolikov@advancedenergyunited.org >;

Sophie Watterson <swatterson@advancedenergyunited.org>

Subject: NECPUC Coffee Meetup?

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Commissioner!

Congrats again on the new appointment -- hope the first couple of weeks have gone well.

I'm writing to follow up on a conversation you had with Hannah about finding time during a break at NECPUC for an informal coffee meetup with a handful of our members. Advanced Energy United typically organizes these opportunities for commissioners and developers to meet and share ideas about opportunities, concerns, etc. in a relaxed setting.

Thanks for considering it -- I'm copying my colleagues Kat and Sophie who can help with the logistics. Please let us know if you have any questions.

Best,

Jeremy

Jeremy McDiarmid

Managing Director & General Counsel Advanced Energy United Transforming Policy. Expanding Markets.

e: jmcdiarmid@advancedenergyunited.org o: 202.380.1950 x 3049 m: 617.429.0677

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005 www.AdvancedEnergyUnited.org

@AdvEnergyUnited

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "james.vannostrand@mass.gov" <james.vannostrand@mass.gov>

Subject: Offshore Wind Transmission Forum Follow Ups

Date: Tue, 16 May 2023 16:24:26 +0000

Importance: Normal

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Dear Commissioners,

Thank you to everyone who filled out the doodle poll to find a good date for a follow-on eastern commissioners' session on the MISO Multi-Value Project (MVP) regional cost allocation process and how it could be adapted to offshore wind transmission planning and cost allocation in the east. Unfortunately, none of the times seemed to work for everyone so we've created a new doodle poll offering more dates, farther out (now looking at September to get past summer vacations). We've also adjusted the time down to 75 minutes with the hopes that a shorter session will be easier to schedule. Please take a moment to fill out this new poll by COB Friday.

Warm regards, Hannah

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Tuesday, April 25, 2023 11:03 AM

Subject: Offshore Wind Transmission Forum Follow Ups

Dear Commissioners,

Thank you again for participating in the Eastern Commissioners Offshore Wind Transmission Forum a few weeks ago!

Given the interest we heard at the forum and afterwards in learning more about the MISO Multi-Value Project (MVP) regional cost allocation process and how it could be adapted to offshore wind transmission planning and cost allocation in the east, we are planning a virtual eastern commissioners follow-on session on the topic. The session will be 90 minutes and will feature an expert from MISO, as well as a Midwest PUC commissioner who can provide a commissioners' perspective on the process. To find a good time to hold the session, please fill out this doodle poll by COB this Friday.

Warm regards, Hannah

PS. Attached you will find a high-level summary by Hannes Pfeifenberger of the MISO MVP process, followed by a number of relevant resources. One of the resources referenced in this document (FERC MISO MVP Cost Allocation	
Rehearding Order) is attached separately.	

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

Subject: Re: Offshore Wind Transmission Forum Follow Ups

Date: Sat, 26 Aug 2023 10:32:22 +0000

Importance: Normal

Inline-Images: ~WRD0000.jpg

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Hannah Polikov

Managing Director

Advanced Energy United

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e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Sent: Friday, August 25, 2023 6:15 PM

To: Hannah Polikov hpolikov@advancedenergyunited.org Subject: Re: Offshore Wind Transmission Forum Follow Ups

OK. That's not going to happen.

Get Outlook for iOS

From: Hannah Polikov < hpolikov@advancedenergyunited.org>

Sent: Friday, August 25, 2023 4:11:51 PM

To: VanNostrand, James (DPU) <James.VanNostrand@mass.gov> **Subject:** Re: Offshore Wind Transmission Forum Follow Ups

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Lol! Enjoy!!! I want to see the high school photo of you 50 years ago!

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Sent: Friday, August 25, 2023 4:06 PM

To: Hannah Polikov hpolikov@advancedenergyunited.org Subject: Re: Offshore Wind Transmission Forum Follow Ups

You, too. Hannah. This weekend I am in SW Iowa, for my 50th high school reunion. (Yes, that is a lot of years.)

Get Outlook for iOS

From: Hannah Polikov < hpolikov@advancedenergyunited.org>

Sent: Friday, August 25, 2023 2:53:41 PM

To: VanNostrand, James (DPU) <James.VanNostrand@mass.gov> **Subject:** Re: Offshore Wind Transmission Forum Follow Ups

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Terrific! Thanks! Looking forward to chatting with you and Hilary next week! Have a wonderful weekend!

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Sent: Saturday, August 19, 2023 11:00 AM

To: Hannah Polikov hpolikov@advancedenergyunited.org Subject: RE: Offshore Wind Transmission Forum Follow Ups

Hannah—

Yes, it is on my calendar, and I plan to be there. Thanks for following up.

Best, Jamie

From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Monday, August 14, 2023 3:01 PM

To: VanNostrand, James (DPU) <James.VanNostrand@mass.gov> **Subject:** Re: Offshore Wind Transmission Forum Follow Ups

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Dear Chair Van Nostrand,

I hope you had a great weekend! I just got back from a 2 week vacation to Japan and am slowly catching back up! One of the things I wanted to check in on was whether you're able to join us for the

Eastern Commissioners Offshore Wind Transmission Session on Cost Allocation: Lessons Learned from MISO

MVP coming up on September 15 from 2-3:15pm. Looks like we're going to have an excellent turnout for the session and I wanted to make sure you'll be able to join as well.

Warm regards, Hannah

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Thursday, June 15, 2023 11:16 AM

To: Hannah Polikov hpolikov@advancedenergyunited.org **Cc:** Christina Kurre ckurre@advancedenergyunited.org **Subject:** Re: Offshore Wind Transmission Forum Follow Ups

Thank you to everyone for filling out the new doodle poll! We have a date! The Eastern Commissioners Offshore Wind Transmission Session on Cost Allocation: Lessons Learned from MISO MVP will be held September 15 from 2-3:15pm. I'll send out a calendar invitation shortly. Have a great rest of your week! -Hannah

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Tuesday, April 25, 2023 11:03 AM

Subject: Offshore Wind Transmission Forum Follow Ups

Dear Commissioners,

Thank you again for participating in the Eastern Commissioners Offshore Wind Transmission Forum a few weeks ago!

Given the interest we heard at the forum and afterwards in learning more about the MISO Multi-Value Project (MVP) regional cost allocation process and how it could be adapted to offshore wind transmission planning and cost allocation in the east, we are planning a virtual eastern commissioners follow-on session on the topic. The session will be 90 minutes and will feature an expert from MISO, as well as a Midwest PUC commissioner who can provide a commissioners' perspective on the process. To find a good time to hold the session, please fill out this doodle poll by COB this Friday.

Warm regards, Hannah

AEE	
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AEE	

PS. Attached you will find a high-level summary by Hannes Pfeifenberger of the MISO MVP process, followed by a number of relevant resources. One of the resources referenced in this document (FERC MISO MVP Cost Allocation

Rehearding Order) is attached separately.

From: Jamie Van Nostrand <jmvannostrand@gmail.com>
To: James Van Nostrand <james.vannostrand@mass.gov>
Subject: Fwd: Offshore Wind Transmission Forum Follow Ups

Date: Tue, 16 May 2023 16:07:46 +0000

Importance: Normal

Attachments: Hannes' Overview of MISO MVP and Related Resources.docx;

FERC_MISO_MVP_Cost_Allocation_Rehearing_order_E-8-ER22-995-001.pdf

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----- Forwarded message -----

From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Date: Tue, Apr 25, 2023 at 11:03 AM

Subject: Offshore Wind Transmission Forum Follow Ups

To:

Dear Commissioners,

Thank you again for participating in the Eastern Commissioners Offshore Wind Transmission Forum a few weeks ago!

Given the interest we heard at the forum and afterwards in learning more about the MISO Multi-Value Project (MVP) regional cost allocation process and how it could be adapted to offshore wind transmission planning and cost allocation in the east, we are planning a virtual eastern commissioners follow-on session on the topic. The session will be 90 minutes and will feature an expert from MISO, as well as a Midwest PUC commissioner who can provide a commissioners' perspective on the process. To find a good time to hold the session, please fill out this doodle poll by COB this Friday.

Warm regards, Hannah

PS. Attached you will find a high-level summary by Hannes Pfeifenberger of the MISO MVP process, followed by a number of relevant resources. One of the resources referenced in this document (*FERC MISO MVP Cost Allocation Rehearding Order*) is attached separately.

Jamie Van Nostrand jmvannostrand@gmail.com

I. Overview of MISO MVP Cost Allocation by Hannes Pfiefenberger

As identified in The Brattle Group's survey of transmission barriers (Appendix A of this <u>study</u>), contentious cost allocation is one of several major barriers even for clearly beneficial transmission investments. To avoid needlessly contentious processes, The Brattle Group cautions against cost allocations that rely formulaically on quantified benefits. Whenever that has been tried, there was lots of disagreement over how to quantify each benefit, study assumptions, and which scenarios are a most realistic representation of the future ... since small differences in study assumptions, scenario assumptions, or benefit metrics can yield large differences in cost allocations.

All of this is even more challenging if done on a project-by-project basis, which points to the advantage of doing cost allocation for larger portfolios of projects instead (like the MISO MVP portfolio). Because the benefits of a larger portfolio of transmission projects will generally be more evenly distributed and stable than for a single project, portfolio-based cost recovery allows for less complex (and contentious) cost allocation approaches while still ensuring that the sum of costs allocated is roughly commensurate with the sum of benefits received.

Simplified cost allocations (such as SPP's highway-byway approach for all ITP projects, MISO subregional postage stamp for MVP portfolios, or CAISO's local/regional postage stamp rates) have been more successful to yield portfolios of projects with benefits that are "roughly commensurate" with allocated costs (without a cost allocation that is formulaically based on calculated benefits).

For example, in MISO's sub-regional MVP cost allocation, the approach allows for variations in benefits across study scenarios and assumptions while still ensuring that everyone benefits (even though the exact value of those benefits may vary across MISO zones, study scenarios, and study assumptions). This will mitigate disagreements over specific assumptions, reduce contentiousness, and increase the endurance of the cost allocation.

Such relatively simple, portfolio-wide cost allocation approaches are widely used for other infrastructure, including roads or electric distribution systems. This underscores the difficulty of highways or distribution investments being cost allocated formulaically based on quantified benefits.

Individual projects (or synergistic groups of projects) should still be <u>evaluated and approved</u> based on a multi-value (multi-driver) planning process that quantifies a broad range of benefits (i.e., the broad range of how certain transmission investments can reduce other costs or increase reliability).

- II. Further background on the MISO MVP process
 - a. <u>Lessons from MISO on Transmission Planning for a Changing Grid</u> (advancedenergyunited.org)
 - b. <u>MTEP21 Addendum-LRTP Tranche 1 Report with Executive Summary625790.pdf</u> (misoenergy.org)
 - c. <u>ACORE-Enabling-Low-Cost-Clean-Energy-and-Reliable-Service-Through-Better-Transmission-Analysis.pdf</u>
 - d. MISO MVP cost allocation presentation (misoenergy.org)
 - e. FERC's MISO MVP rehearing order (attached)
 - i. Paragraphs 50-74
- III. Related reading

- a. <u>21st Century Transmission Planning: Benefits Quantification and Cost Allocation</u> (brattle.com)
 - i. See Section 3: Recommended 2-step approach
- b. A Roadmap to Improved Interregional Transmission Planning (brattle.com)
 - i. See Section V

181 FERC ¶ 61,219 UNITED STATES OF AMERICA FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: James P. Danly, Allison Clements, Mark C. Christie, and Willie L. Phillips.

Midcontinent Independent System Operator, Inc.

Docket No. ER22-995-001

ORDER ADDRESSING ARGUMENTS RAISED ON REHEARING

(Issued December 16, 2022)

- 1. On June 17, 2022, American Municipal Power, Inc. of Ohio (AMP) and the Industrial Customers¹ each timely sought rehearing of the Commission's order issued on May 18, 2022, which accepted the Midcontinent Independent System Operator, Inc.'s (MISO) and the MISO Transmission Owners' (collectively, Filing Parties) proposed revisions to the MISO Open Access Transmission, Energy and Operating Reserve Markets Tariff (Tariff) to permit allocation of the costs of new Multi-Value Project (MVP) portfolios entirely to either the "MISO Midwest MVP Cost Allocation Subregion" (Midwest Subregion) or the "MISO South MVP Cost Allocation Subregion" (South Subregion).²
- 2. Pursuant to Allegheny Defense Project v. FERC,³ the rehearing requests filed in this proceeding may be deemed denied by operation of law. However, as permitted by section 313(a) of the Federal Power Act (FPA),⁴ we are modifying the discussion in the

¹ Industrial Customers are the following: the Coalition of MISO Transmission Customers, the Illinois Industrial Energy Consumers, the Association of Businesses Advocating Tariff Equity, the NIPSCO Large Customer Group, the Louisiana Energy Users Group, the Texas Industrial Energy Consumers, and Wisconsin Industrial Energy Group.

² Midcontinent Indep. Sys. Operator, Inc., 179 FERC ¶ 61,124 (2022) (2022 MVP Order). Each of the Midwest and South Subregions is defined by reference to the Local Balancing Authorities it contains. See id. P 15 & n.39.

³ 964 F.3d 1 (D.C. Cir. 2020) (en banc).

⁴ 16 U.S.C. § 825*l*(a) ("Until the record in a proceeding shall have been filed in a court of appeals, as provided in subsection (b), the Commission may at any time, upon reasonable notice and in such manner as it shall deem proper, modify or set aside,

2022 MVP Order and continue to reach the same result in this proceeding, as discussed below.⁵

I. Background

A. MVP

- An MVP is one or more transmission facilities in MISO that address a common set of transmission issues.⁶ To qualify as an MVP, a transmission project must meet one of the following three initial screening criteria: (1) an MVP must be developed in the transmission expansion planning process for the purpose of enabling the transmission system to more reliably and economically deliver energy in support of documented energy policy mandates or laws that have been enacted or adopted through state or federal legislation or regulatory requirements that directly or indirectly govern the minimum or maximum amount of energy that can be generated by specific types of generation (Criterion 1); (2) an MVP must provide multiple types of economic value across multiple pricing zones with a total MVP benefit-to-cost ratio of at least 1.0 (Criterion 2);⁷ or (3) an MVP must address at least one transmission issue associated with a projected violation of North American Electric Reliability Corporation (NERC) or a Regional Entity standard and at least one economic-based transmission issue that provides economic value across multiple pricing zones (Criterion 3). The project must generate total financially quantifiable benefits, including quantifiable reliability benefits, in excess of the total project costs.8
- 4. Additionally, MVPs must also be evaluated in the MISO Transmission Expansion Plan (MTEP) process as part of a portfolio of transmission facilities whose benefits are spread broadly across MISO's system-wide footprint. If a transmission facility qualifies as both an MVP and a Baseline Reliability Project (BRP) or a Market Efficiency Project

in whole or in part, any finding or order made or issued by it under the provisions of this chapter.").

⁵ Allegheny Def. Project, 964 F.3d at 16-17. The Commission is not changing the outcome of the 2022 MVP Order. See Smith Lake Improvement & Stakeholders Ass'n v. FERC, 809 F.3d 55, 56-57 (D.C. Cir. 2015).

⁶ See 2022 MVP Order, 179 FERC ¶ 61,124 at P 2.

⁷ See id.

⁸ Id. (citing MISO Tariff, attach. FF (85.0.0), § II.C.1).

⁹ Id. P 3 (citing MISO Tariff, attach. FF (85.0.0), § II.C.3).

(MEP), the Tariff requires that it be classified as an MVP and that its costs be allocated using the then-existing MVP cost allocation method. MISO also reviews the cumulative costs and benefits associated with MVPs during the six years after any MVPs are first included in an approved MTEP to identify potential modifications to the MVP cost allocation method and its implementation for MVPs to be approved at a future date. 11

- 5. Prior to the 2022 MVP Order, the Tariff only permitted allocation of 100% of the costs of MVP portfolios to all load in and exports from MISO on a postage stamp basis across the entire MISO footprint, and costs were recovered through a per-MWh usage charge. ¹² In the 2010 Commission order accepting the MVP category and cost allocation method, which was affirmed by the United States Court of Appeals for the Seventh Circuit (Seventh Circuit), the Commission found that the MVP cost allocation method would result in allocation of the costs of MVPs on a basis that is at least roughly commensurate with the benefits that those transmission facilities provide to the MISO region. ¹³ In December 2011, MISO's Board of Directors approved the first portfolio of 17 MVPs as part of MTEP 2011 (2011 MVP Portfolio). ¹⁴
- 6. Subsequently, Order No. 1000 required each public utility transmission provider to demonstrate on compliance that its regional cost allocation method(s) satisfy each of six regional cost allocation principles. In the orders accepting MISO's Order No. 1000

¹⁰ Id. P 4 (citing Doner Test. at 11; MISO Tariff, attach. FF (85.0.0), § I II.C.4).

¹¹ Id. (citing MISO Tariff, attach. FF (85.0.0), § VII.A).

¹² Id. (citing MISO Tariff, attach. FF (85.0.0), § III.A.2g).

¹³ See Midwest Indep. Transmission Sys. Operator, Inc., 133 FERC ¶ 61,221, at P 200 (2010) (2010 MVP Order), order on reh'g, 137 FERC ¶ 61,074 (2011) (2011 MVP Rehearing Order) (together, MVP Orders), aff'd sub nom. Ill. Commerce Comm'n v. FERC, 721 F.3d 764 (7th Cir. 2013) (Illinois Comm'n II).

 $^{^{14}}$ 2022 MVP Order, 179 FERC \P 61,124 at P 5 (citing Doner Test. at 11-12; MTEP17 Triennial Review at 4, https://cdn.misoenergy.org/MTEP17%20MVP%20Triennial%20Review%20Report1170 65.pdf).

¹⁵ Transmission Planning & Cost Allocation by Transmission Owning & Operating Pub. Utils., Order No. 1000, 136 FERC ¶ 61,051, at P 434 (2011), order on reh'g, Order No. 1000-A, 139 FERC ¶ 61,132, order on reh'g and clarification, Order No. 1000-B, 141 FERC ¶ 61,044 (2012), aff'd sub nom. S.C. Pub. Serv. Auth. v. FERC,

compliance filings, the Commission determined that the MVP cost allocation method complied with Order No. 1000's six regional cost allocation principles. ¹⁶

7. In December 2013, the MISO footprint significantly expanded when the Entergy Operating Companies and certain other transmission providers located in Arkansas, Mississippi, Louisiana, and Texas joined and MISO took over operational control of their transmission systems. These transmission providers together now comprise the South Subregion. MISO has stated that contractual limitations on subregional transfers within MISO make the system-wide allocation of MVP costs more challenging for new MVP portfolios that include projects with benefits spread broadly only within a single Subregion, i.e., the Midwest Subregion or the South Subregion. 18

B. Filing

8. On February 4, 2022, pursuant to FPA section 205, ¹⁹ Filing Parties proposed to modify MISO's MVP cost allocation method to allow for the allocation of the costs of new MVP portfolios on a subregional basis if the benefits of an MVP portfolio are not spread broadly across the entire MISO system-wide footprint (hereinafter, proposal). Specifically, Filing Parties proposed to create two subregions for MVP cost allocation purposes: the Midwest Subregion and South Subregion. Filing Parties also proposed to revise Attachment FF of the MISO Tariff to require MISO to determine first if the benefits of an MVP portfolio are spread broadly across the MISO system-wide footprint.

⁷⁶² F.3d 41 (D.C. Cir. 2014). For more details, *see* 2022 MVP Order, 179 FERC ¶ 61,124 at PP 8-14.

¹⁶ *Id.* P 25 (citing *Midwest Indep. Transmission Sys. Operator, Inc.*, 142 FERC ¶ 61,215 (2013) (Order No. 1000 Compliance Order)).

¹⁷ *Id.* P 6.

¹⁸ Transmittal at 4. MISO represented that this contractual limitation arose out of a settlement between Southwest Power Pool, Inc. (SPP) and parties without a regional transmission organization affiliation due to MISO holding only 1,000 MW firm contract capacity between the Midwest and South Subregions (MISO/SPP/Joint Parties Settlement). This settlement provides transmission service between the Subregions in excess of MISO's 1,000 MW firm contract capacity on a non-firm, as-available basis, not to exceed 3,000 MW in the Midwest-to-South direction and 2,500 MW in the South-to-Midwest direction, and MISO compensates SPP and the Joint Parties for this use. 2022 MVP Order, 179 FERC ¶ 61,124 at P 7 (citing *Midcontinent Indep. Sys. Operator, Inc.*, 154 FERC ¶ 61,021 (2016)).

¹⁹ 16 U.S.C. § 824d.

Under Filing Parties' proposal, if the benefits of an MVP portfolio are not broadly spread across the MISO-system-wide footprint, MISO would determine whether the benefits of the MVP portfolio are spread broadly across either the Midwest Subregion or the South Subregion. In addition, Filing Parties proposed to revise Attachment FF of the MISO Tariff to allow the costs of MVP portfolios that do not have benefits spread broadly across the MISO system-wide footprint but that do have benefits spread broadly across the Midwest Subregion or the South Subregion to be allocated on a postage stamp basis within the benefitting Subregion using the MVP usage charge. Filing Parties also proposed to add language in Attachment FF of the MISO Tariff to state that the designation of cost responsibility for any MTEP facility will be determined as provided for in Attachment FF "with the cost responsibility at least roughly commensurate with benefits." ²⁰

- 9. Filing Parties did not propose any changes to the existing MVP screening criteria or any other requirements related to MVPs. Filing Parties further stated that MISO will retain the ability to allocate the costs of MVP portfolios broadly across the entire MISO footprint if the benefits also are spread broadly across the MISO footprint.²¹
- 10. Filing Parties explained that, if the Commission were to accept their proposal, they intended to make a subsequent FPA section 205 filing to propose conforming changes to the MISO Tariff's MVP usage rate provisions to reflect the proposed allocation of MVP costs for subregional MVP portfolios. Filing Parties explained that no such revisions were necessary at the outset because cost recovery for new MVP portfolios will not begin until after the MISO Board of Directors has approved those transmission facilities.²²
- 11. Filing Parties explained that MISO uses the Long-Range Transmission Planning (LRTP) Initiative to identify MISO's long-term transmission needs stemming from significant anticipated resource changes, among other reasons, and to translate those needs into portfolios of transmission facilities that can be evaluated in the MTEP process. Filing Parties stated that, as part of the LRTP Initiative, MISO conducted various studies and futures modeling and identified four "tranches" that each include or will include a portfolio of potential transmission facilities: (1) Tranche 1 is a portfolio of transmission facilities located entirely in the Midwest Subregion that MISO expected to present to its Board of Directors for approval as early as June 2022 for inclusion in current MTEP 2021, which MISO stated was in the final stages of development; ²³ (2) Tranche 2 also

²⁰ See Transmittal Letter at 27 n.165; Doner Test. at 23-25.

²¹ Transmittal Letter at 24; Doner Test. at 23-24.

²² Transmittal Letter at 2-3.

²³ On June 25, 2022, MISO presented Tranche 1 to its Board of Directors. *See* MISO, LRTP Tranche 1 Portfolio Detailed Business Case (June 25, 2022),

will be a portfolio of transmission facilities located entirely in the Midwest Subregion (to be presented for board approval by 2022 or 2023); (3) Tranche 3 will be a portfolio of transmission facilities located entirely in the South Subregion (estimated late 2023 or 2024); and (4) Tranche 4 will be a portfolio of transmission facilities that address the transfer limits between the Midwest and South Subregions (estimated 2023 and 2024).²⁴

12. Filing Parties explained that allowing allocation of an MVP portfolio's costs solely within the benefiting subregion under the MVP cost allocation method is necessary to enable the MVP portfolios associated with the LRTP Initiative to move forward. Filing Parties stated that MISO's LRTP Initiative analyses for transmission facilities in Tranches 1, 2, and 3 suggest that they likely would have qualified as MVPs in all material respects, except that these analyses and the evidence provided with the proposal indicated that the benefits of such MVP portfolios would not be spread broadly across the entire MISO system-wide footprint but instead would be concentrated in the subregion where these transmission facilities are located.²⁵ Filing Parties argued that this mismatch requires an adjustment in the existing MVP cost allocation method to permit the allocation of costs to the benefitting subregion for such portfolios. Filing Parties asserted that the contractual and physical transfer limits between the Midwest and South Subregions limit the ability of the portfolios of transmission facilities identified in the LRTP Initiative to provide benefits that are spread broadly across the MISO system-wide footprint and, thus, prevent those transmission facilities from qualifying for the current MVP cost allocation method. Filing Parties stated that, although MISO expects to address the transfer limits between the Midwest and South Subregions beginning with the Tranche 4 portfolio of transmission facilities, without immediate action, no MVP portfolio would be feasible in the current MTEP cycle, and potentially the MTEP 2022 cycle, which would delay the development of these much-needed transmission facilities.²⁶

https://cdn.misoenergy.org/LRTP%20Tranche%201%20Detailed%20Business%20Case6 25789.pdf. On July 25, 2022, the Board of Directors approved Tranche 1. *See* Press Release, MISO, MISO Board Approves \$10.3B in Transmission Projects: Tranche 1 Portfolio Focused on Midwest Subregion (July 25, 2022), https://www.misoenergy.org/about/media-center/miso-board-approves-\$10.3-in-transmission-projects/.

 $^{^{24}}$ 2022 MVP Order, 179 FERC ¶ 61,124 at P 18 (citing Transmittal Letter at 4, 17, 29; Johnson Test. at 21).

²⁵ Id. P 19 (citing Transmittal Letter at 4, 29; Doner Test. at 19).

²⁶ *Id.* (citing Transmittal Letter at 17-18). Filing Parties explained that LRTP Future I assumes that the Midwest Subregion will be integrating 18,505 MW of wind generation and retiring 38,951 MW of coal-fired generation by 2040. *Id.* P 20. By

C. 2022 MVP Order

- 13. The Commission accepted Filing Parties' proposal as consistent with cost causation and the six regional cost allocation principles set forth in Order No. 1000,²⁷ noting that it "makes only limited changes to MISO's existing MVP cost allocation method."²⁸ The Commission found that the proposal "ensures that MISO allocates the costs of MVP portfolios on a basis that is at least roughly commensurate with the estimated benefits and that only the Midwest Subregion or the South Subregion that benefits from MVP portfolios will be assigned the costs of the transmission facilities included therein."²⁹ The Commission explained that in making this finding, it relied on similar factors to those reflected in the MVP Orders, as affirmed in *Illinois Comm'n II* and in the Order No. 1000 Compliance Order.³⁰ The Commission also found that the proposal appropriately reflects the undisputed transfer limits between the Midwest and the South Subregion.³¹
- 14. The Commission reasoned that the MVP initial screening criteria will continue to ensure that transmission facilities in an MVP portfolio provide reliability and/or economic benefits to MISO transmission customers.³² And, as the Commission explained, the portfolio approach as implemented in MISO's Tariff and as modified in Filing Parties' proposal ensures that the costs of transmission facilities in an MVP portfolio are allocated to transmission customers who will benefit, whether system-wide

comparison, the South Subregion is projected to add only 200 MW of wind and, having already largely transitioned away from coal, plans to retire only 5,876 MW of coal-fired generation in the same time frame. *Id*.

²⁸ *Id.* P 71. The Commission highlighted the fact that the proposal does not change the portfolio approach nor the postage stamp pricing "that are embodied in the Tariff and that served as the underpinning of the original acceptance of the MVP cost allocation approach, other than adding the potential for subregional portfolios and subregional postage stamp cost allocation." *Id.*

 30 Id. (citing MVP Order, 133 FERC \P 61,221 at P 201; Order No. 1000 Compliance Order, 142 FERC \P 61,215 at P 436).

²⁷ *Id.* PP 68-79, 82, 85, 93-94.

²⁹ *Id.* P 68.

³¹ *Id.* PP 68-69.

³² *Id.* P 68.

or in the Midwest Subregion or the South Subregion.³³ Thus, the Commission found that allocating the costs of MVP portfolios using a postage stamp cost allocation method, whether system-wide in the event MISO finds system-wide benefits or solely within the Midwest Subregion or the South Subregion in the event that MISO finds that benefits are concentrated among transmission customers within that Subregion, will continue to ensure that the costs of transmission facilities in MVP portfolios are allocated in a manner that is at least roughly commensurate with the estimated benefits that they provide (i.e., costs associated with system-wide benefits are allocated on a system-wide basis whereas costs associated with benefits in the Midwest Subregion or the South Subregion are allocated on a subregional basis).³⁴

- 15. After considering the evidence, including a benefit distribution analysis by The Brattle Group (Brattle Analysis) that Filing Parties submitted to support the proposal and MISO's simulations for future time periods, the Commission found that Filing Parties adequately supported their proposal, "particularly in light of the unique characteristics of MISO's region and the role of the existing transfer limits." The Commission also found Filing Parties' process for determining whether an MVP portfolio provides benefits system-wide or subregionally to be just and reasonable. 36
- 16. The Commission addressed challengers' concerns and, among other things, disagreed with Industrial Customers' claim that the fluctuation over time in the distribution of benefits provided by an MVP portfolio prevents a postage stamp method from allocating the costs of the relevant transmission facilities in a manner at least roughly commensurate with the estimated benefits.³⁷ Additionally, the Commission dismissed protests asserting that if MISO were to change to a more granular cost allocation method after the first two LRTP tranches, it would be unreasonable and unduly

³³ *Id*.

 $^{^{34}}$ Id. P 68 (citing Order No. 1000 Compliance Order, 142 FERC \P 61,215 at P 437).

³⁵ *Id.* P 69.

³⁶ *Id.* P 70.

³⁷ See id. P 73 (citing Order No. 1000, 136 FERC ¶ 61,051 at P 605 (stating that postage stamp pricing "may be appropriate where all customers within a specified transmission planning region are found to benefit from the use or availability of a transmission facility or class or group of transmission facilities, especially if the distribution of benefits associated [therewith] is likely to vary considerably over the long depreciation life of the transmission facilities amid changing power flows, fuel prices, population patterns, and local economic considerations.")).

discriminatory for the Midwest Subregion to pay for the first two tranches, as well as a substantial share of the third tranche, the costs of which would otherwise be allocated just to the South Subregion.³⁸ The Commission found that "[t]hese protests concern a future revision to the MVP cost allocation method that MISO may or may not make and are, thus, premature and otherwise beyond the scope of this proceeding."³⁹ The Commission also disagreed with Industrial Customers' argument that MISO did not prove that the subregional cost allocation method would allocate costs within the subregion in a way that is roughly commensurate with benefits, noting that, while MISO's analysis shows that benefits may vary by zone, each zone's benefits exceed the allocated costs.⁴⁰

17. As relevant to the requests for rehearing discussed below, Commissioner Christie concurred with the 2022 MVP Order, explaining that he "strongly support[s] MISO's proposal to modify its current MVP cost allocation method to allow the costs of new MVP portfolios to be allocated on a subregional basis." However, he "share[s] the concern expressed by parties in this proceeding regarding the allocation of costs *within* the two subregions based on the postage stamp method for cost allocation."

D. Rehearing Requests

18. Industrial Customers assert that the Commission: (1) impermissibly lowered Filing Parties' FPA section 205 burden; (2) accepted a cost allocation proposal that lacks strong analytical support and is not supported by substantial evidence; (3) failed to show that costs will be allocated in a manner that is roughly commensurate with benefits; (4) required MISO transmission customers to pay for the entirety of costs for some projects for which benefits accrue to a neighboring Regional Transmission Organization (RTO); (5) unduly discriminated against the MISO Midwest Subregion and its customers by accepting a "crude" cost allocation for billions of dollars of projects in that subregion when a more granular cost allocation is envisioned for future projects in the South Subregion; (6) overlooked the unprecedented cost impact on customers; and

³⁸ *Id.* P 94.

³⁹ *Id*.

⁴⁰ *Id.* P 77.

⁴¹ 2022 MVP Order, 179 FERC ¶ 61,124 (Christie, Comm'r, concurring at P 2 (Christie Concurrence)).

⁴² Christie Concurrence at P 3. Commissioner Christie "emphasize[d] what [he] consider[ed] the questionable case offered to justify the use of postage stamp cost allocation for the two tranches coming next" and described "MISO's case for postage stamp cost allocation" as "weak." *Id.* PP 3, 5.

- (7) transferred the Commission's jurisdictional duty to ensure just and reasonable rates to the MISO stakeholder process and the MISO states.⁴³
- 19. Industrial Customers contend that the stakeholder process did not work and that the Commission must ensure that over \$10 billion in Tranche 1 transmission project costs are allocated in a manner that is roughly commensurate with benefits and therefore produces a just and reasonable rate outcome. Industrial Customers argue that pursuant to its exclusive authority to regulate RTOs and transmission rates, ⁴⁴ the Commission must independently assess the rate proposal before it; ⁴⁵ the Commission cannot transfer its duties to the RTO stakeholder process or assume that state regulatory support or majority support in the RTO stakeholder process indicates widespread consumer satisfaction or provides evidentiary support for a just and reasonable rate outcome. Industrial Customers assert that the promise of a more granular cost allocation for future LRTP projects does not justify acceptance of an allocation of over \$10 billion in costs that are not sufficiently tied to roughly commensurate project benefits. ⁴⁶
- 20. AMP also contends that the Commission erred in finding that the proposal is just and reasonable and not unduly discriminatory. ⁴⁷ Specifically, AMP asserts that there is a fundamental distinction between regional and subregional planning and cost allocation, and therefore the Commission erred when it found the proposal made only "limited" changes to MISO's existing MVP cost allocation method. ⁴⁸ Additionally, AMP asserts that the Commission failed to respond meaningfully to its "demonstration that undue discrimination will result from allocating the costs of Tranches 1 and 2 on a subregional basis and allocating the costs of Tranche 3 on a regional basis." ⁴⁹

⁴³ Industrial Customers Rehearing Request at 2.

⁴⁴ *Id.* at 30 (citing *PPL EnergyPlus, LLC v. Solomon*, 766 F.3d 241, 247 (3d Cir. 2014)).

⁴⁵ *Id.* at 30-31 (citing *Occidental Permian Ltd. v. FERC*, 673 F.3d 1024, 1025 (D.C. Cir. 2012)).

⁴⁶ *Id.* at 31 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 99 (explaining that MISO has committed to continuing its stakeholder process); Christie Concurrence at P 5).

 $^{^{47}}$ AMP Rehearing Request at 3 (citing 2022 MVP Order, 179 FERC \P 61,124 at PP 1, 72, 99, 120).

⁴⁸ *Id.* (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 71).

⁴⁹ *Id.* (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 94).

II. Discussion

A. <u>Procedural Matters</u>

21. On July 5, 2022, MISO filed a request for leave to answer and an answer in response to Industrial Customers' and AMP's requests for rehearing of the 2022 MVP Order. Rule 713(d) of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.713(d)(1) (2021), prohibits an answer to a request for rehearing. Accordingly, we deny MISO's motion to answer the rehearing requests and reject the answer.

B. Substantive Matters

22. We continue to find that the Commission appropriately accepted as just and reasonable and not unduly discriminatory or preferential the Tariff revisions that provide an option to allocate the cost of new MVP Portfolios broadly within a single subregion rather than solely on a system-wide basis. As discussed below, Filing Parties provided substantial evidence to support their proposal, which leaves key features of the MVP cost allocation method unchanged — i.e., the portfolio approach and postage stamp cost allocation. The Commission independently and adequately evaluated Filing Parties' proposal and supporting evidence and found the subregional cost allocation option to be consistent with the Commission's cost causation principle. Accordingly, the Commission did not improperly delegate its statutory authority to evaluate Tariff changes. Finally, we are not persuaded to set aside the 2022 MVP Order or to initiate an FPA section 206 investigation.

1. FPA Section 205 Burden

a. Industrial Customers Rehearing Request

23. Industrial Customers argue the 2022 MVP Order impermissibly lowered and misapplied Filing Parties' FPA section 205 burden to show their proposal is just and reasonable. FPA section 205 rate proposal that modified an existing cost allocation method that would apply not only to a single project, but to at least two tranches of portfolios of projects in a long-range, multi-year transmission plan that stretches across the entire MISO region, including over \$10 billion in project costs for Tranche 1 alone. Industrial Customers contend that Filing Parties must justify continued use of postage stamp cost allocation, and that the Commission recognized in the 2022 MVP Order that Filing Parties' proposal made significant changes to MISO's existing MVP cost

⁵⁰ Industrial Customers Rehearing Request at 2.

⁵¹ *Id.* at 10 (citing MVP Order, 179 FERC ¶ 61,124 at P 61).

allocation method.⁵² Industrial Customers argue that the MVP cost allocation method does not enjoy a presumption of reasonableness because Filing Parties' proposal made significant changes to MISO's existing MVP cost allocation method by proposing to bifurcate that methodology by region in the context of a new, multi-billion-dollar long-range transmission plan.⁵³

- 24. Industrial Customers contend that even though MISO had the tools available to identify beneficiaries and to allocate costs more granularly than the postage stamp approach, MISO did not use those tools to improve cost and beneficiary determinations.⁵⁴ Industrial Customers contend the 2022 MVP Order "entirely overlooks the unprecedented cost impact on customers."⁵⁵ Noting that the 2022 MVP Order acknowledged Industrial Customers' argument that, in light of the billions of dollars to be allocated to consumers, the proposal should have sought to address or mitigate the cost impact on transmission customers of the transmission facilities identified in MISO's LRTP, Industrial Customers contend that the 2022 MVP Order nevertheless completely "glossed over" those arguments and the concerns expressed by other parties about the customer cost impact and need for ensuring cost containment and lowest-cost solutions.⁵⁶
- 25. Industrial Customers reiterate that: (1) the costs of LRTP Tranche 1 alone could increase costs by as much as \$2.80/MWh prior to considering the benefits from LRTP Tranche 1⁵⁷ and how those benefits are forecasted to flow; and (2) the cost impact on energy-intensive, high load factor customers will be substantial, as indicated in the table summarizing the cost impact on a typical 20 MW, 80% load factor customer, based on information available at that time.⁵⁸

⁵² *Id.* (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 71).

⁵³ *Id*.

 $^{^{54}}$ Id. at 10-11 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 44 (citing Entergy Comments at 3-4). Industrial Customers note that Entergy only supported the proposal because the costs associated with Tranches 1 and 2 will not be allocated to MISO South. Id. at 11 n.41.

⁵⁵ *Id.* at 25.

 $^{^{56}}$ Id. at 25-26 (citing 2022 MVP Order, 179 FERC \P 61,124 at PP 121-23).

⁵⁷ *Id.* at 26 (citing Industrial Customers April 21 Answer at 10; Industrial Customers Protest at 26).

⁵⁸ *Id.* (citing Industrial Customers Protest at 27-28).

- 26. Industrial Customers argue the 2022 MVP Order fails to demonstrate that there are sufficient, cost-effective safeguards for challenging LRTP Tranche 1 project beneficiary and cost determinations; Industrial Customers contend that the 2022 MVP Order instead assumes that the existing stakeholder participation process, use of the alternative dispute resolution process, or the filing of an FPA section 206 complaint to challenge individual MVPs will ensure cost responsibility that is roughly commensurate with benefits.⁵⁹ Industrial Customers argue that those mechanisms, which they assert can be resourceintensive and not cost-effective (as well as lead to project uncertainty and delays), should not be used as a backstop to ensure just and reasonable rates when, in their view, the proposal here has not been demonstrated to be just and reasonable. Industrial Customers contend that, regardless of the Commission's description of state, federal, and private funding to mitigate the impact of subregional cost allocation as unknown and speculative, the Commission could have required efforts to obtain such funding (regardless of whether such funding was obtained). Industrial Customers argue that in light of the substantial cost impact on consumers and the proposed allocation of those costs in a long-range, multi-year transmission plan, the failure of the 2022 MVP Order to demonstrate the justness and reasonableness of the cost allocation and the failure to scrutinize arguments and evidence in opposition to the proposal is arbitrary and capricious. ⁶⁰
- 27. Finally, Industrial Customers rely on Commissioner Christie's concurrence, echoing concerns that the Commission accepted the proposed Tariff revisions based on a "weak" and "questionable case," which they contend used stale data (i.e., estimated costs and benefits from the 2011 MVP Portfolios) and insufficient scrutiny of the present-day costs and benefits associated with Tranche 1.61 Industrial Customers represent that reasons offered by Commissioner Christie for concurring in the outcome of the 2022 MVP Order do not enable the Commission to accept a weakly supported proposal, to lower a filing party's FPA section 205 burden, or to shift the burden from Filing Parties to protestors to demonstrate that the proposal is unjust and unreasonable.62

⁵⁹ *Id.* at 27 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 85).

⁶⁰ *Id.* at 28.

⁶¹ Id. at 1 (quoting Christie Concurrence at PP 3, 5), 8-9.

⁶² *Id.* at 8-9 (listing as reasons that (1) OMS supported the filing; (2) MISO vowed to seriously consider replacing the postage stamp cost allocation method with a more granular cost allocation method for LRTP Tranche 3 and beyond; and (3) the postage stamp method is MISO's current MVP cost allocation method (citing Christie Concurrence at P 3)).

b. AMP Rehearing Request

- 28. AMP similarly argues that there is no basis for the Commission's finding that the filing "makes only limited changes to MISO's existing MVP cost allocation method." Rather, AMP asserts that the Commission ignored the distinction between regional versus subregional planning and cost allocation. AMP argues that the difference between regional and subregional planning and cost allocation is significant, particularly in the context of cost allocation for MVPs. AMP states that, as the Commission recognized, "MVPs are *regional* transmission facilities." AMP states that, prior to the Commission's acceptance of the proposal, "no . . . *subregional* option exist[ed] under the [T]ariff," and that the Tariff instead mandated the allocation of MVP costs on a regional basis. AMP argues the 2022 MVP Order approved changes that remove the Tariff's prohibition on allocating 100% of the annual transmission revenue requirements of MVPs that do not yield regional benefits across the MISO footprint and permit subregional cost allocation for entire MVP portfolio annual transmission revenue requirements located in the Midwest or South Subregions on a postage stamp basis.
- 29. AMP insists that, contrary to the Commission's characterization, such fundamental changes and substantial consumer impacts are not "limited" because the Commission's decision will result in the allocation of billions of dollars of costs to consumers. AMP asserts that, to fulfill its consumer protection obligations, the Commission should grant rehearing of what AMP alleges is the Commission's

 $^{^{63}}$ AMP Rehearing Request at 1 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 71), 7 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 71).

⁶⁴ *Id.* (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 71).

 $^{^{65}}$ Id. at 7-8 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 120; Filing Parties Answer at 2) (emphasis added).

⁶⁶ Id. (citing Filing Parties Answer at 2) (emphasis added by AMP).

⁶⁷ *Id.* at 8 (citing Tariff, attach. FF, § III.A.2.g ("One-hundred percent (100%) of the annual revenue requirements of the Multi-Value Projects shall be allocated on a system-wide basis to the Transmission Customers that withdraw energy, including External Transactions sinking outside the Transmission Provider's region, and recovered through an MVP Usage Charge pursuant to Attachment MM")).

⁶⁸ Id. at 1-2 (citing Tariff, attach. FF, § III.A.2g).

⁶⁹ Id. at 8 (citing Commissioner Christie Concurrence at PP 10, 11).

unsupported finding and ensure that cost allocation results are supported by a robust evidentiary record. ⁷⁰

c. <u>Commission Determination</u>

- 30. We continue to disagree with Industrial Customers' contention that the Commission lowered Filing Parties' FPA section 205 burden or shifted the burden from Filing Parties to protestors. As the Commission explained in the 2022 MVP Order, Filing Parties were not required to re-justify the MVP category from scratch, nor were Filing Parties required to analyze the data from future LRTP portfolios. Parties required to analyze the data from future LRTP portfolios.
- 31. FPA section 205 requires Filing Parties to show that their proposal is just and reasonable and not unduly discriminatory or preferential.⁷³ Courts have recognized that this standard requires a rate proponent to establish that its proposal is a reasonable one, but not that it is the most reasonable or the best one out of possible alternatives.⁷⁴ We continue to find that the proposal ensures that MISO allocates the costs of MVP

⁷⁰ *Id*.

⁷¹ Industrial Customers Rehearing Request at 8-9.

⁷² 2022 MVP Order, 179 FERC ¶ 61,124 at PP 71-72, 76.

⁷³ 16 U.S.C. § 824d(e); see also Ala. Power Co. v. FERC, 993 F.2d 1557, 1571 (D.C. Cir. 1993).

⁷⁴ See, e.g., Neb. Pub. Power Dist. v. FERC, 957 F.3d 932, 943 (8th Cir. 2020) (recognizing that "courts have made it clear that FERC 'restricts itself to evaluating the confined proposal" and "[t]herefore, FERC 'need only find the proposed rates to be just and reasonable.") (citations omitted); Adv. Energy Mgmt. All. v. FERC, 860 F.3d 656, 662 (D.C. Cir. 2017) ("When acting on a public utility's rate filing under section 205, the Commission undertakes 'an essentially passive and reactive role' and restricts itself to evaluating the confined proposal.") (quoting City of Winnfield v. FERC, 744 F.2d 871, 875-76 (D.C. Cir. 1984)); Wisc. Pub. Power, Inc. v. FERC, 493 F.3d 239, 260 (D.C. Cir. 2007) (""[T]he just and reasonable standard,' the Supreme Court has explained, 'does not compel the Commission to use any single pricing formula." (quoting Mobil Oil Exploration & Producing Se., Inc. v. United Distribution Cos., 498 U.S. 211, 224 (1991)); Cities of Bethany v. FERC, 727 F.2d 1131, 1136 (D.C. Cir. 1984) (explaining that the standard in rate decisions is "not whether [one] method is more appropriate than [another] method, but rather whether the [proposed] method is reasonable and adequate.") (internal quotation omitted).

portfolios on a basis that is at least roughly commensurate with the estimated benefits⁷⁵ and that only the subregion that benefits from MVP Portfolios will be assigned the costs of the transmission facilities included therein.⁷⁶ As the Commission explained, the MVP initial screening will continue to ensure that transmission facilities in an MVP portfolio provide reliability and/or economic benefits to MISO transmission customers.⁷⁷ Additionally, the portfolio approach, as implemented in MISO's Tariff and as modified in Filing Parties' proposal, ensures that the costs of transmission facilities in an MVP portfolio are allocated to transmission customers who will benefit from them, whether system-wide or in the Midwest or South Subregions.⁷⁸ Adding the subregional option to the Tariff will continue to ensure that the costs of transmission facilities in MVP portfolios are allocated in a manner that is at least roughly commensurate with the estimated benefits that they provide — i.e., costs associated with system-wide benefits are allocated on a system-wide basis whereas costs associated with benefits in the Midwest or South Subregions are allocated on a subregional basis.⁷⁹

32. Furthermore, courts have also clarified that the proponent of a change in rates, terms, and conditions need not prove the continued reasonableness of unchanged rates or unchanged attributes of its rate structure.⁸⁰ We continue to find, therefore, that the Commission appropriately declined to require Filing Parties to re-justify various court-affirmed, unchanged MVP-related Tariff features, such as the postage stamp allocation

⁷⁵ Ill. Commerce Comm'n v. FERC, 576 F.3d 470, 477 (7th Cir. 2009) (Illinois Comm'n I) (quoting and citing Midwest ISO Transmission Owners v. FERC, 373 F.3d 1361, 1369 (D.C. Cir. 2004)).

⁷⁶ 2022 MVP Order, 179 FERC ¶ 61,124 at P 68.

 $^{^{77}}$ *Id.* (citing 2010 MVP Order, 133 FERC ¶ 61,221 at P 201; Order No. 1000 Compliance Order, 142 FERC ¶ 61,215 at P 436).

 $^{^{78}}$ *Id.* (citing 2010 MVP Order, 133 FERC ¶ 61,221 at P 202; Order No. 1000 Compliance Order, 142 FERC ¶ 61,215 at P 436).

⁷⁹ *Id.* (citing Order No. 1000 Compliance Order, 142 FERC ¶ 61,215 at P 437).

⁸⁰ See, e.g., City of Winnfield v. FERC, 744 F.2d 871, 877 (D.C. Cir. 1984) (City of Winnfield) ("The statutory obligation of the utility . . . is not to prove the continued reasonableness of unchanged rates or unchanged attributes of its rate structure"); accord Entergy Serv., Inc., 148 FERC ¶ 63,015, P 82 & n.162, P 256 & n.565 (2014), aff'd, 153 FERC ¶ 61,303 (2015), clarifying, 156 FERC ¶ 61,196 (2016), order on reh'g, 167 FERC ¶ 61,246 (2019) (burden of challenging existing rate methodology lies with challengers to status quo rather than with utility) (citing City of Winnfield, 744 F.2d at 877)).

method, the portfolio requirement, the MVP usage rate, and the fact that an MVP that also qualifies as a BRP or MEP is nevertheless treated as an MVP.⁸¹ While petitioners on rehearing persist in characterizing the creation of the subregional option as a material change, we are not persuaded that creating subregions reflecting the realities of transfer limits between the Midwest and South Subregions affects the reasonableness of the other, unchanged features of the MVP cost allocation method.

33. Industrial Customers incorrectly contend that the Commission improperly "shift[ed] the burden to protestants" such as Industrial Customers to challenge MISO's continued use of its existing MVP cost allocation method. 82 Rather, the Commission accepted "Filing Parties' Proposal because Filing Parties have shown that the proposed Tariff revisions are just and reasonable and not unduly discriminatory or preferential."83 To the extent that challengers seek to modify the unchanged MVP Tariff provisions, they would have to file an FPA section 206 complaint to show that such existing Tariff provisions are unjust and unreasonable and/or unduly discriminatory or preferential. As the Commission pointed out, "MISO's current MVP cost allocation is the postage stamp method, including in the South Subregion."84 Consequently, arguments such as those by Industrial Customers seeking to eradicate use of the postage stamp cost allocation method are outside the scope of the proposal that was filed in this proceeding pursuant to FPA section 205 and "are a collateral attack on the Commission's previous findings in the MVP Order and Order No. 1000 Compliance Order."85 Because we reaffirm the Commission's earlier finding that Filing Parties had satisfied their burden to demonstrate that the proposal was just and reasonable, we disagree with Industrial Customers' suggestion that the Commission relied on the stakeholder process, alternative dispute resolution, or the section 206 complaint process to support its approval of Filing Parties' proposal.⁸⁶ Industrial Customers appear to misapprehend the Commission's point that Filing Parties' proposal complies with Order No. 1000 regional cost allocation principle 5 (transparency) because "MISO will conduct the same process as it does today to determine if a proposed MVP portfolio provides benefits that [are] distributed across the

⁸¹ See 2022 MVP Order, 179 FERC \P 61,124 at PP 71-72, 105, 108.

⁸² Industrial Customers Rehearing Request at 8-9.

^{83 2022} MVP Order, 179 FERC ¶ 61,124 at P 1 (emphasis added).

⁸⁴ Id. P 72.

⁸⁵ *Id.*; see also supra P 32 & n. 81.

⁸⁶ See Industrial Customers Rehearing Request at 27.

MISO footprint."⁸⁷ As the Commission explained in the 2022 MVP Order, "just as under the existing process, MISO must support its determination by all appropriate studies and analyses, which will be made available to stakeholders," and stakeholders may provide input, initiate alternative dispute resolution processes, or file an FPA section 206 complaint to challenge cost allocation.⁸⁸

34. We also disagree with Industrial Customers' contention that adding the subregional option to the Tariff "materially modifies the MVP cost allocation methodology" such that it calls into question the continued just and reasonableness of the unchanged MVP provisions in the Tariff, such as postage stamp cost allocation. ⁸⁹ Rather, the Seventh Circuit has already affirmed the postage stamp cost allocation approach for MVPs as just and reasonable for the entire MISO footprint, and the subregional option simply addresses the fact that there is limited transfer capability between the Midwest and the South Subregions. ⁹⁰ No party contests the existence of a transmission constraint between the Midwest Subregion and the South Subregion. Nor has any party rebutted Mr. Pfeifenberger's testimony showing that the constraint significantly limits the transfer of MVP Portfolio benefits between subregions. ⁹¹ As Filing Parties explained, the practical effect of such limited transfer capability is that some projects that would otherwise meet the MVP definition and are needed for reliability reasons may largely only benefit one subregion or the other. ⁹²

⁸⁷ 2022 MVP Order, 179 FERC ¶ 61,124 at P 85.

⁸⁸ Id. P 85.

⁸⁹ See Industrial Customers Rehearing Request at 23.

⁹⁰ See Illinois Comm'n II, 721 F.3d at 777-78.

⁹¹ See Pfeifenberger Test. at 9 ("This review finds that, in large part due to the limited transfer capability between the Midwest and South Subregions, the economic and reliability benefits of MVP Portfolios within one of the Subregions remain mostly concentrated within the Subregion in which the projects are located—assuming these portfolios do not increase the transfer limit between the Subregions."); see also 2022 MVP Order, 179 FERC ¶ 61,124 at P 69 (citing Transmittal Letter at 20-21; Filing Parties Answer at 11 (internal citation omitted); Clean Energy Advocates Comments at 7-9, 18; Entergy Comments at 4 & n.7).

⁹² See Transmittal Letter at 4 ("These contractual limitations on subregional transfers within MISO make the current system-wide allocation of MVP costs more challenging for new MVP Portfolios that include projects with benefits spread broadly only within a single Subregion, i.e., the Midwest Subregion or the South Subregion."); *id.* at 4-5 ("The projects included in these tranches would have otherwise likely qualified as

- 35. AMP's assertion that Filing Parties' proposal constitutes a departure from MISO's regional transmission planning process and cost allocation method (because it involves subregional rather than regional cost allocation) is incorrect. ⁹³ The benefits of the transmission facilities included in an MVP portfolio whose costs are allocated to transmission customers in a single subregion are allocated throughout that subregion in a manner similar to the way that benefits of the transmission facilities included in an MVP portfolio whose costs are allocated system-wide are allocated throughout the entire MISO footprint. Significantly, MISO's regional transmission planning process will continue to make all determinations for MVP portfolios (regional or subregional), and subregional cost allocation will be made based on benefit distribution, as required by the cost causation principle. Thus, the 2022 MVP Order reasonably determined that this process continues to be just and reasonable.
- 36. Finally, we disagree with Industrial Customers' contention that the 2022 MVP Order is arbitrary and capricious because it "overlooks the unprecedented cost impact on customers." This argument is a collateral attack on the postage stamp cost allocation and the usage-based cost recovery method. The Subregional option did not change either of these existing features of the MVP method. So documented

MVPs, except that MISO's initial analysis and the evidence provided with this filing indicates that the benefits of such MVP Portfolios would not be broadly spread across the entire MISO footprint, but instead would be concentrated in the Subregion where these projects are located. This prevents MISO from using the current MVP category for the immediate LRTP tranches because of the requirement that the benefits of the MVP Portfolio of projects are spread broadly across the entire MISO footprint." (footnotes omitted)); *id.* at 5 ("Generation fleet changes and extreme weather events, like Winter Storm Uri, highlight the need and urgency for building new transmission in the MISO region to address emerging reliability issues.").

⁹³ See AMP Rehearing Request at 7-8.

⁹⁴ Industrial Customers Rehearing Request at 2, 5, 25.

⁹⁵ See 2022 MVP Order, 179 FERC ¶ 61,124 at P 71 ("Filing Parties have not proposed Tariff revisions related to the portfolio approach or postage stamp pricing that are embodied in the Tariff and that served as an underpinning of the Commission's original acceptance of the MVP cost allocation approach, other than adding the potential for subregional portfolios and subregional postage stamp cost allocation.").

by Filing Parties, the same or very similar arguments were rejected in the original MVP proceeding. 96

2. <u>Substantial Evidence</u>

a. <u>Industrial Customers Rehearing Request</u>

- 37. Industrial Customers assert that the 2022 MVP Order lacks substantial evidence, and the record does not support material modifications to the MVP cost allocation method. Industrial Customers claim that Filing Parties' proposal was weak and no other supporting parties offered more recent data and analysis to prove that the substantial transmission costs (i.e., over \$10 billion) in LRTP Tranche 1 will be allocated in a manner that is roughly commensurate with benefits. 97 Industrial Customers cite an alleged lack of independent scrutiny applied to MISO's 2017 claims of benefit-cost ratios, Mr. Pfeifenberger's uncritical acceptance of MISO's 2017 Triennial Full MVP Review (MISO 2017 Analysis) as "self-proving," and no independent corroboration for MISO's 2017 Analysis and its methods, bases, and benefit calculations. 98
- 38. Industrial Customers object that Mr. Pfeifenberger used data derived from the 2011 MVP Portfolio rather than using costs and benefits of projects in the actual proposed LRTP Tranche 1, which became available a few months after the proposal was filed and the comment deadline passed. Industrial Customers assert that by not analyzing the MVP projects that will be included in the upcoming Tranche 1, Filing Parties failed to provide reliable cost data, reliable data on the projected benefits, and a reliable analysis of how the costs and benefits will be distributed throughout MISO. Specifically, Industrial Customers assert that MISO's LRTP Tranche 1 business case, which includes actual potential projects, fails to demonstrate that costs will be allocated roughly commensurate with benefits. Industrial Customers state that they pointed out in their protest that the Commission should have rejected the proposal because a new

 $^{^{96}}$ See id. P 58 (citing Filing Parties Answer at 16); 2011 MVP Rehearing Order, 137 FERC ¶ 61,074 at PP 253-60, aff'd in relevant part Illinois Comm'n II, 721 F.3d at 777-78).

⁹⁷ Industrial Customers Rehearing Request at 8.

⁹⁸ *Id.* at 14 (citing Christie Concurrence at P 7).

⁹⁹ *Id.* at 14-15.

¹⁰⁰ *Id.* at 15.

portfolio of actual projects was forthcoming.¹⁰¹ Industrial Customers assert that the actual portfolio of projects from Tranche 1 is now available and should be used to analyze and determine costs and beneficiaries.¹⁰²

- 39. Industrial Customers state that, if the Commission grants rehearing due to the issues raised with the zonal cost-benefit ratios, the Commission could provide MISO with guidance to make a new filing that obligates MISO to evaluate whether some LRTP Tranche 1 projects could be reclassified as MEPs or BRPs in order to produce roughly balanced zonal cost-benefit ratios. 103
- 40. Industrial Customers state that the 2022 MVP Order summarily rejected their argument that conditions since 2011 have changed dramatically in MISO, when the MVP approach was first approved, and that Filing Parties should therefore resubmit their proposal using the data derived from the specific MVP portfolio whose costs would be allocated. Industrial Customers state that the 2022 MVP Order generically refers to the importance of Commission policy around *ex ante* cost allocation methods under Order No. 1000. Acknowledging that the Commission has a policy interest in upholding Order No. 1000 *ex ante* tariffs/rates for transmission owners to avoid frequent reconsideration of cost allocation rules on a project-by-project basis, Industrial Customers assert that the Commission's ultimate duty is to ensure a sufficient connection between costs and benefits. Industrial Customers state that the appellate courts have

¹⁰¹ *Id.* at 11 (citing Industrial Customers Protest at 9-10; Industrial Customers April 21 Answer at 7-8).

¹⁰² *Id.* (citing Industrial Customers Protest at 9-10; Industrial Customers April 21 Answer at 7-8).

¹⁰³ *Id.* at 19.

¹⁰⁴ *Id.* at 9 (citing MVP Order, 179 FERC ¶ 61,124 at P 76).

¹⁰⁵ *Id.* (citing MVP Order, 179 FERC ¶ 61,124 at P 76).

¹⁰⁶ *Id.* at 9-10 (citing *Long Island Power Auth. v. FERC*, 27 F.4th 705, 715 (D.C. Cir. 2022); *Pub. Serv. Elec. & Gas v. FERC*, 989 F.3d 10, 19 (D.C. Cir. 2021) (*PSEG*)). Industrial Customers state that the *PSEG* Court emphasized that "Order No. 1000 does not concern the Commission; it requires *transmission owners* to have in place costallocation methods for certain transmission facilities." *Id.* at 10 n.37 (citing *PSEG*, 989 F.3d at 19).

recognized that *ex ante* cost allocation rules and policies in Order No. 1000 do not trump the Commission's overriding statutory duty to ensure just and reasonable rates. ¹⁰⁷

b. <u>Commission Determination</u>

- Contrary to Industrial Customers' assertions, we continue to find that the proposal 41. was supported by substantial evidence in the record. Filing Parties explained the need for the proposal and provided supporting testimony from three expert witnesses. While the transmission projects analyzed were part of the 2011 MVP Portfolio, they provided a large data set of 16 actual, not just proposed, projects. Furthermore, some of the analyses Mr. Pfeifenberger reviewed to form the basis of his testimony were drawn from the 2017 Triennial Full MVP review; 109 therefore, the data and analysis reflect an appropriate set of projects over time and the 2011 MVP Portfolio analysis was not the sole basis for Mr. Pfeifenberger's conclusions. As the Commission pointed out in the 2022 MVP Order, 110 MISO performed additional simulations for future time periods, in which the Adjusted Production Cost (APC) benefits were evaluated for a hypothetical 10 percent increase in transmission capacity in the Midwest Subregion by 2040. Consistent with the results of the 2011 MVP Portfolio review, these simulations showed that such transfer capability increases on all 345 kV and above transmission facilities would be associated with approximately \$23.3 million in annual APC savings in the Midwest Subregion, compared to an annual impact of negative \$0.9 million in the South Subregion. 111 These results substantiate Mr. Pfeifenberger's conclusions that to the extent the benefits of new MVP Portfolios located entirely within the Midwest Subregion accrue broadly to the zones within the Midwest Subregion, with very few benefits accruing to the South Subregion, it is consistent with the cost causation principle to allocate those costs to transmission customers within the Midwest Subregion alone.
- 42. Moreover, we disagree with Industrial Customers' contention that the data supporting the subregional option was stale because it did not include future LRTP portfolios. As the Commission explained in the 2022 MVP Order, the use of data derived from the 2011 MVP Portfolio was consistent with the principles of *ex ante* cost

¹⁰⁷ *Id.* at 10 (citing *PSEG*, 989 F.3d at 19).

¹⁰⁸ See id. at 7-11.

¹⁰⁹ See Pfeifenberger Test. at 10-14.

¹¹⁰ See 2022 MVP Order, 179 FERC ¶ 61,124 at P 69.

¹¹¹ *Id.* (citing Pfeifenberger Test. at 16-18).

¹¹² See Industrial Customers Rehearing Request at 9-11.

- allocation. Ex ante cost allocation principles do not require the Commission to take into account every specific future project or project portfolio when accepting a cost allocation method on a prospective basis. The D.C. Circuit has held that the Commission is not required to "consider cost-allocation rules on a project-by-project basis, which would unravel the framework of ex ante tariffs established by Order No. 1000." 114
- 43. Nor do we agree with contentions that MISO's 2017 Analysis (including methods, bases, and benefit calculation), which formed the basis of Mr. Pfeifenberger's testimony and the Brattle Analysis, received insufficient scrutiny. This analysis is based on the 2011 portfolio of actual transmission projects, and no party submitted contrary evidence or otherwise challenged the accuracy of those calculations. While Industrial Customers sought to use the data from the actual LRTP Tranche 1 projects, which became available subsequent to the filing of the proposal, Industrial Customers did not refute any of the calculations or conclusions underpinning the Brattle Analysis. Furthermore, as a general matter, MISO is an RTO with the task of ensuring independent and reliable operation of the transmission system. As the independent transmission system operator, MISO lacks incentive to favor certain transmission owners over others; nor has any party shown that MISO had incentive to miscalculate benefits. The Commission reasonably found that testimony to be sound.
- 44. Therefore, consistent with the Commission's policy on *ex ante* cost allocation methods, we disagree that it was necessary for the Commission to analyze the specific MVP projects that will be included in the LRTP Tranche 1 in order to provide sufficiently reliable cost data, data on the projected benefits, and reliable analysis of how the costs and benefits will be distributed throughout MISO to find the subregional option just and reasonable.

¹¹³ 2022 MVP Order, 179 FERC \P 61,124 at P 76.

¹¹⁴ See LSP Transmission Holdings II v. FERC, 45 F.4th 979, 995 (D.C. Cir. 2022) (quoting Long Island Power Auth. v. FERC, 27 F.4th at 715).

¹¹⁵ See 18 C.F.R. § 35.34(j)(1), (j)(4), (k)(7) (requiring that RTOs like MISO be "independent of any market participant," "have exclusive authority for maintaining the short-term reliability of the grid that it operates," and "be responsible for planning, and for directing or arranging, necessary transmission expansions, additions, and upgrades that will enable it to provide efficient, reliable and non-discriminatory transmission service and coordinate such efforts with the appropriate state authorities").

3. Roughly Commensurate with Benefits

a. <u>Industrial Customers Rehearing Request</u>

- 45. Industrial Customers assert that the 2022 MVP Order fails to demonstrate that costs will be allocated in a manner that is roughly commensurate with benefits. Industrial Customers assert that, even assuming that the benefits metrics from the MISO 2017 Analysis are accurate, costs will still not be allocated in a manner that is roughly commensurate with benefits within each MISO subregion. 116 Industrial Customers state that the Commission conceded that the Brattle Analysis revealed variation in benefit-tocost ratios between pricing zones, with some zones benefitting relatively more than others. 117 Industrial Customers argue the 2022 MVP Order accepted and justified the substantial variation and lack of proportionality between costs and benefits without engaging the flaws in the Brattle Analysis that uncritically accepted the MISO 2017 Analysis. 118 Industrial Customers state that, as justification for the "lumpy" distribution of cost and benefits, the 2022 MVP Order cited to generic case law principles and the prior use of the MVP portfolio approach. Noting that court and Commission precedent do not require exacting precision when allocating costs, Industrial Customers nevertheless contend that the roughly commensurate test requires more than "unsupported conclusions and assumptions based on recycled data that costs will be allocated fairly."119
- 46. Industrial Customers reiterate that MISO has not allocated costs roughly commensurate with benefits, noting that Filing Parties' witness Mr. Pfeifenberger summarized his analysis of the 40-year present value of benefits and costs associated with the 2011 MVP Portfolio as reported in the MISO 2017 Analysis. Industrial Customers state that the spread of the 1.93 zonal benefit-to-cost ratio in Zone 5 to the 3.83 zonal benefit-to-cost ratio in Zone 1, as shown from Mr. Pfeifenberger's testimony,

¹¹⁶ Industrial Customers Rehearing Request at 12.

¹¹⁷ *Id.* (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 77).

¹¹⁸ *Id.* (citing Industrial Customers Protest at 7-8 (citing Pfeifenberger Testimony at 10-11; MISO 2017 Triennial Review, https://cdn.misoenergy.org/MTEP17%20MVP%Triennial%Review%20Report117065.pd f)).

confirms that, even assuming the calculation of benefits and costs is accurate, a roughly uniform distribution of MVP benefits across the MISO region has not materialized. 120

- 47. Industrial Customers assert that the benefits of the 2011 MVP portfolio are more concentrated in certain cost allocation zones relative to others, thereby failing to capture the actual distribution of benefits from the portfolio. ¹²¹ Industrial Customers assert that, through their comments submitted in the stakeholder process to MISO on behalf of the end-use customer sector and in their April 21 Answer in this proceeding, they pointed out that, in MISO's analysis regarding the distribution of benefits, the benefit-to-cost ratio for Zone 3 (Iowa) is over 50% higher than that for Zone 7 (Lower Michigan). ¹²²
- 48. Additionally, Industrial Customers state that, on a per unit of load basis, the forecasted net benefit for Zone 3 is twice that for Zone 7. Periodically, Industrial Customers state that the forecasted net benefits for Zone 3 and Zone 7 are similar at \$3.295 billion for Zone 3 and \$3.184 billion for Zone 7. Periodical that the total load in Zone 7, however, approaches nearly twice that of Zone 3 (approximately 92,998,542 MWh for Zone 7 versus 50,098,916 MWh for Zone 3). Industrial Customers state that, as a result, on a per unit of load basis, Zone 3 is forecast to receive

¹²⁰ *Id.* at 13 (citing Industrial Customers Protest at 7-8 (citing Pfeifenberger Testimony at 10-11; MISO 2-17 Triennial Review https://cdn.misoenergy.org/MTEP17%20MVP%Triennial%Review%20Report117065.pdf)).

¹²¹ *Id.* at 14 (citing Industrial Customer Protest at 7-8).

¹²² *Id.* at 16 (citing Industrial Customers April 21 Answer at 8, attach. B (citing MISO Planning and Advisory Committee, *MISO Transmission Expansion Plan – MTEP21 Addendum – LRTP Tranche 1 Report Overview* (Apr. 13, 2022) (MTEP19 Report Preview)), *available at*, https://cdn.misoenergy.org/20220413%20PAC%20Item%2002%20MTEP21%20LRTP% 20Tranche%201%20Overview623967.pdf).

¹²³ *Id.* at 17.

 $^{^{124}}$ *Id.* (citing Industrial Customers April 21 Answer at 9 (citing MTEP19 Report Preview at Slide 27 (\$3,295 billion = \$4,805 billion - \$1,510 billion; \$3.184 billion = \$5.988 billion - \$2.804 billion))).

¹²⁵ Id. (citation omitted).

over twice the net benefit as Zone 7 (\$65.77 per MWh for Zone 3 versus \$34.24 per MWh for Zone 7). 126

49. Industrial Customers assert that, aside from that one example of two zones where costs and benefits are not roughly or crudely commensurate, an evaluation of costs and benefits for all the zones also shows benefits that are not roughly commensurate to costs. ¹²⁷ Industrial Customers state that the system average benefit-to-cost ratio is 2.6-to-1 but the forecasted benefit-to-cost ratios for Zones 2 and 7 are much lower at only 2.2-to-1 and 2.1-to-1, respectively, and for Zone 3 is much higher than 2.6-to-1 at 3.2-to-1. ¹²⁸

b. Commission Determination

50. We continue to disagree with Industrial Customers' argument that costs of MVP Portfolios under the subregional option would not be allocated roughly commensurate with estimated benefits *within* each subregion because some zones within the subregion

The table below draws on MISO's supporting workbook for Slide 27 and adds a row (under the B/C row) that calculates the Total Benefits each zone would have if it had a forecasted benefit to cost ratio of 2.6 (i.e., if the forecasted zonal benefit to cost ratios were in perfect balance). This amount is then subtracted from the amount shown in MISO's "Total Benefits" row to produce the row labeled "Subsidized Zones (Plus)/Zones forced to Subsidize (Minus)." This later row shows that MISO's forecasted zonal benefits are such that the postage-stamp, energy consumption MVP cost allocation method will cause customers in Zones 2 and 7 to pay a total subsidy of \$2.124 billion to customers in the other five zones. While the zonal benefit to cost ratios do not need to be in perfect balance to be roughly commensurate, they should not be so far out of balance so as to yield an unjust and unreasonable rate outcome where one group of zones subsidizes another group of zones in the amount of billions of dollars.

Industrial Customers April 21 Answer at 9-12.

 $^{^{126}}$ *Id.* (\$65.77 per MW = \$3.295 billion/50,098,916 MWh; \$34.24 per MWh = \$3.184 billion/ 92,998,542 MWh).

¹²⁷ *Id.* at 18.

¹²⁸ Id. As explained in the Industrial Customers April 21 Answer:

would benefit more relative to costs born than other zones within the subregion. First, cost allocation does not need to be undertaken with exacting precision in order to be roughly commensurate with benefits. Second, the evidence indicates that benefit-cost ratios vary substantially over time, which justifies postage stamp rates. In Finally, MISO's existing Tariff requires a benefit-to-cost ratio of 1.0 or higher in order to find that an MVP Portfolio provides sufficient benefits to customers to qualify for the MVP postage-stamp cost allocation method. While we agree with Industrial Customers that the MISO 2017 Analysis shows that the benefits of the projects included in the MISO 2017 Analysis are more concentrated in some zones relative to others, that analysis also shows that no zone has less than a 1.93 benefit-to-cost ratio (Zone 5) — nearly twice the benefits required by the Tariff to justify an MVP Portfolio. Stated simply, this means that for every dollar spent, customers received at least \$1.93 of benefits. The fact that the MISO 2017 Analysis shows that some customers received \$3.83 of benefits per dollar spent does not mean that the customers who received fewer benefits, but still nearly twice

¹²⁹ Illinois Comm'n I, 576 F.3d at 477 ("We do not suggest that the Commission has to calculate benefits to the last penny, or for that matter to the last million or ten million or perhaps hundred million dollars."); Midwest ISO Transmission Owners, 373 F.3d at 1369 ("[W]e have never required a ratemaking agency to allocate costs with exacting precision."); Sw. Power Pool, Inc., 178 FERC ¶ 61,087, at P 30 n.42 (2022) ("Courts have held that the cost causation principle does not require costs to be allocated with exacting precision, but rather requires that costs be allocated in a manner 'roughly commensurate' with the benefits received.").

¹³⁰ See Pfeiffenberger Test. at 13.

¹³¹ See Order No. 1000, 136 FERC¶ 61,051 at P 605 ("[A] postage stamp cost allocation method may be appropriate where all customers within a specified transmission planning region are found to benefit from the use or availability of a transmission facility or class or group of transmission facilities, especially if the distribution of benefits associated with a class or group of transmission facilities is likely to vary considerably over the long depreciation life of the transmission facilities amid changing power flows, fuel prices, population patterns, and local economic considerations.").

¹³² MISO Tariff, attach. FF (85.0.0), II.C.2.b ("Criterion 2. A Multi-Value Project must provide multiple types of economic value across multiple pricing zones with a Total MVP Benefit-to-Cost ratio of 1.0 or higher").

as many benefits as costs, were not allocated those costs roughly commensurate with the benefits they received. Cost allocation is not limited to a precise formula. Additionally, as the Commission pointed out in the 2022 MVP Order, the use of a portfolio approach will help ensure that the benefits of each MVP portfolio are distributed broadly across the subregion. 134

51. Therefore, we continue to find that Filing Parties justified the proposal because the subregional option, which uses the same postage stamp cost allocation method as the regional option, is consistent with the cost causation principle and allocates costs in a manner that is at least roughly commensurate with benefits.

4. Treatment of Neighboring RTO Benefits

a. <u>Industrial Customers Rehearing Request</u>

52. Industrial Customers contend that, while noting their concern, ¹³⁵ the Commission nevertheless failed to rebut their demonstration that MISO transmission customers will pay the entirety of costs for some projects in which benefits accrue to neighboring RTOs. Industrial Customers assert that the 2022 MVP Order failed entirely to engage the substance of their argument and simply implied that the review of benefits accruing to a neighboring RTO, regardless of how significant those benefits, "would impose too heavy a burden on stakeholders to actively monitor transmission planning processes in other regions." ¹³⁶ Industrial Customers state that they were not asking the Commission to impose any burdens on stakeholders, but rather were simply pointing out that MISO transmission customers would be responsible for paying substantial costs for substantial benefits that accrue to SPP. ¹³⁷

¹³³ See Colo. Interstate Gas Co. v. FPC, 324 U.S. 581, 589 (1945) ("Allocation of costs is not a matter for the slide-rule. It involves judgment on a myriad of facts. It has no claim to an exact science.").

¹³⁴ 2022 MVP Order, 179 FERC ¶ 61,124 at P 69.

¹³⁵ Industrial Customers Rehearing Request at 19 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 80 (citing Industrial Customers Protest at 10-12 (citing *Ill. Commerce Comm'n v. FERC*, 756 F.3d 556, 564 (7th Cir. 2014); *Neb. Pub. Power Dist. v. FERC*, 957 F.3d 932, 941 (8th Cir. 2020)))).

¹³⁶ *Id.* at 19-20 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 82).

¹³⁷ *Id.* at 20.

- 53. Industrial Customers state that they demonstrated in their Protest and April 21 Answer that at least two LRTP Tranche 1 projects would be paid for entirely by MISO customers despite substantial benefits accruing to SPP.¹³⁸ Industrial Customers explained that, while these projects may not be included in LRTP Tranche 1, they are useful for demonstrating that benefits will accrue to neighboring RTOs without any costs being allocated to them.¹³⁹ Industrial Customers argue that, while costs may not need to be allocated with "exacting precision,"¹⁴⁰ and spillover benefits between zones and regions may be justified in certain instances, ¹⁴¹ benefits to neighboring RTOs for which *no costs* are allocated is not even a crude allocation of costs and benefits.
- 54. Additionally, Industrial Customers contend that MISO did not provide any analysis to demonstrate that the charges that would be collected on exports through the MVP usage rate will result in an allocation of costs to SPP that is roughly commensurate with the calculated benefits to SPP.¹⁴²
- 55. Industrial Customers add that the demonstrated benefits and need associated with these projects was acknowledged during the April 14, 2022 meeting to discuss cost allocation methods associated with the Joint MISO/SPP Study. 143 Industrial Customers state that at this meeting, MISO and SPP jointly put forward a cost allocation alternative to assign costs to generator interconnections. Industrial Customers assert this joint effort confirmed that both MISO and SPP experience benefits but entities other than load are beneficiaries and should be assigned costs. Industrial Customers assert that, while MISO

¹³⁸ *Id.* They state that the Jamestown-Ellendale -BSS-AlexCassie's Crossing project in LRTP Tranche 1 is essentially the same project as the Jamestown-Ellendale 345 project and the Big Stone – Alexandria – Riverview – Quarry – Monticello 345 in the Joint Targeted Interconnection Study (JTIQ) conducted jointly by MISO and SPP (Joint MISO/SPP Study). *Id.*

¹³⁹ *Id.* at 22.

¹⁴⁰ Id. (citing Midwest ISO Transmission Owners v. FERC, 373 F.3d at 1369).

¹⁴¹ *Id.* (citing *Midwest ISO Transmission Owners v. FERC*, 819 F.3d, 336 (7th Cir. 2016)). Industrial Customers argue \$55.87 million is not a modest spillover in benefits that would condone an absence of cost allocation to those benefiting customers in SPP. *Id.* at 22 n.81.

¹⁴² *Id.* at 22.

¹⁴³ *Id*.

recognizes the importance of properly assigning costs to beneficiaries, MISO ignores this critical effort with regard to certain projects. 144

b. Commission Determination

Industrial Customers' argument that SPP customers are benefiting at MISO 56. customers' expense essentially challenges MISO's compliance with Order No. 1000's regional cost allocation principle 4, which requires that regional cost allocation methods must allocate costs solely within that transmission planning region unless another entity outside the region voluntarily agrees to assume a portion of those costs. 145 We continue to find the Commission appropriately determined that Filing Parties' proposal complies with Order No. 1000 regional cost allocation principle 4 because the subregional option allocates costs solely to transmission customers in MISO. 146 As the Commission explained, "[t]he Commission established Cost Allocation Principle 4 based on a determination that allowing the public utility transmission providers in one transmission planning region to allocate costs unilaterally to entities in another region would impose too heavy a burden on stakeholders to actively monitor transmission planning processes in numerous other regions in which they could be identified as beneficiaries and thus be subject to cost allocation." 147 Although Industrial Customers maintain "they were not asking the Commission to impose any burdens on stakeholders,"148 insofar as SPP has not voluntarily agreed to shoulder MVP portfolio costs, Industrial Customers' argument is a collateral attack on regional cost allocation principle 4 of Order No. 1000. 149 Further, Industrial Customers have not suggested changed circumstances or any persuasive reason why the Commission should abandon regional cost allocation principle 4 here.

¹⁴⁴ *Id.* (referring to Big Stone – Alexandria – Riverview – Quarry – Monticello 345 kV (\$425M) and Jamestown – Ellendale 345 kV, respectively).

 $^{^{145}}$ 2022 MVP Order, 179 FERC ¶ 61,124 at P 12 (citing Order No. 1000, 136 FERC ¶ 61,051 at P 657) (emphasis added).

¹⁴⁶ Id. P 82.

¹⁴⁷ *Id.* (citing Order No. 1000, 136 FERC \P 61,051 at P 660).

¹⁴⁸ Industrial Customers Rehearing Request at 20.

¹⁴⁹ The fact that SPP agreed to shoulder a portion of generator interconnection costs, *see supra* P 55, shows that these neighboring RTOs recognize there are circumstances where they mutually benefit and it is appropriate to share costs. But generation interconnection is irrelevant to MISO's MVP portfolios—it does not indicate that SPP has volunteered to pay a portion of their costs.

57. We also find that Industrial Customers' request to allocate costs to customers outside of MISO is beyond the scope of the proposal in this proceeding. To the extent Industrial Customers believe that there is an interregional benefit associated with MVPs, interregional cost allocation under Order No. 1000 is more appropriately addressed through the MISO-SPP Joint Operating Agreement. 150

5. Rate Design

a. <u>Industrial Customers Rehearing Request</u>

- 58. Industrial Customers argue that billions of dollars in transmission costs will be allocated via what they allege is a weak and imprecise cost allocation method, and therefore the Commission should reconsider its decision not to engage issues concerning rate design, cost recovery, and project hierarchy/classification. Industrial Customers assert that because the socialized, postage stamp cost allocation method is not supported by substantial evidence, the Commission should either direct MISO to develop a more granular method and submit a new proposal or initiate an FPA section 206 investigation. Industrial Customers contend that by bifurcating the MISO footprint, the proposal materially modified the MVP cost allocation method. 152
- 59. Industrial Customers state that they emphasized in the stakeholder process and before the Commission the cost impact of charging an industrial customer on an energy basis instead of a peak demand basis for all of the projects in MISO's LRTP initiative. ¹⁵³ Industrial Customers highlight the fact that, whereas MISO had found it reasonable to use a 12-Coincident Peak demand load ratio approach in estimating the allocation of the costs of LRTP Tranche 1 projects to the specific pricing zones, MISO nevertheless proceeded with advancing an energy-based cost allocation. ¹⁵⁴ Industrial Customers assert that

¹⁵⁰ See, e.g., MISO Rate Schedules, Joint Operating Agreement MISO and SPP, art. IX, § 9.3.3.5 (31.0.0) ("Approval of an Interregional Project(s) by each Party's Board of Directors is required for the Interregional Project to qualify for interregional cost allocation.").

¹⁵¹ Industrial Customers Rehearing Request at 23. The Commission in the 2022 MVP Order declined to institute an FPA section 206 investigation. 2022 MVP Order, 179 FERC \P 61,124 at P 78.

¹⁵² Industrial Customers Rehearing Request at 23.

¹⁵³ *Id.* (citing Industrial Customers Protest at P 102).

¹⁵⁴ Id. at 23-24 (citing Industrial Customers April 21 Answer, attach. A at 2).

MISO should not allocate demand-related benefits on an energy-consumption basis. ¹⁵⁵ Industrial Customers argue that, with respect to MISO's LRTP initiative, which includes projects that provide demand-related benefits, MISO and the Commission need not be constrained by trying "to box" all LRTP projects into a bifurcated version of the existing MVP postage stamp method. ¹⁵⁶ Industrial Customers assert that, instead of imprecisely socializing all costs on an energy basis through the subregional MVP cost allocation, it may make sense for MISO to: (1) identify demand-related benefits and allocate costs accordingly; and (2) retain the ability to classify a long-range transmission project as an MEP or BRP rather than automatically reclassifying MEPs and BRPs as MVPs. ¹⁵⁷

b. **AMP Rehearing Request**

60. AMP states that in its protest, it reminded the Commission of its fundamental obligation to protect customers by ensuring that investments in wholesale transmission infrastructure are prudent, cost-effective, and necessary to meet customer needs. AMP states that it emphasized that, to fulfill its obligations to customers, the Commission must adhere to the cost causation and beneficiary pays principles, which "add flesh to [the] bare statutory bones of the just-and-reasonable-rate requirement" set forth in the FPA. AMP also reiterated the importance of ensuring that regional transmission planning and cost allocation are integrated and addressed holistically. AMP reiterates its argument that applying those principles to the proposal, the "South and Midwest Subregions are arbitrary designations based on historical development of the MISO footprint and are not consistent with how efficient regional transmission solutions should be developed in the future." AMP also reiterates that the proposed Tariff revisions appear to be based on a

¹⁵⁵ *Id.* (citing Industrial Customers April 21 Answer, attach. A at 2).

¹⁵⁶ *Id.* at 24.

¹⁵⁷ *Id.* at 24 (citing Industrial Customers Protest at 16-18).

¹⁵⁸ AMP Rehearing Request at 5 (citing AMP Protest at 4).

¹⁵⁹ *Id.* (quoting AMP Protest at 4 (quoting *Old Dominion Elec. Coop. v. FERC*, 898 F.3d 1254, 1255-56 (D.C. Cir. 2018))).

¹⁶⁰ *Id.* (citing AMP Protest at 4).

¹⁶¹ *Id.* at 6 (citing AMP Protest at 5).

predetermined "desire to allocate costs and conduct transmission planning on a Subregional basis." ¹⁶²

c. <u>Commission Determination</u>

- 61. We continue to find that matters of alternative rate design are beyond the scope of this proceeding, either because they affect features of the MVP approach that Filing Parties did not propose to change or because the Commission is constrained to review the actual proposal submitted for its review, not the proposal it or a party prefers had been submitted for Commission review. 163
- 62. We continue to find the Commission appropriately determined in the 2022 MVP Order that Industrial Customers' argument that peak demand rather than energy usage should be the basis for rate design is beyond the scope of this proceeding because Filing Parties did not propose to change the usage charge. As the Commission explained, Filing Parties stated that they will submit a subsequent filing under FPA section 205 to revise the MVP usage rate, and Industrial Customers may address concerns about the MVP usage rate at that time. Industrial Customers may also continue to advocate their position in the stakeholder process or file an FPA section 206 complaint.
- 63. We also disagree with AMP's suggestion that the two subregions are arbitrary designations. The Midwest and South Subregions reflect the realities of limited transfer capability between these regions, and, as such, they are not arbitrary and capricious, even if they are the result of historical, gradual accretions to MISO.

6. Undue Discrimination

a. Industrial Customers Rehearing Request

64. Industrial Customers assert that by accepting a crude cost allocation for LRTP Tranches 1 and 2 while (in their view, "rightly") envisioning a more granular approach for LRTP Tranches 3 and 4, the Commission unduly discriminates against the MISO Midwest Subregion and its customers. ¹⁶⁶ Industrial Customers state that Entergy Operating Companies, the largest transmission provider in MISO South, supported

¹⁶² Id. (citing AMP Protest at 6).

¹⁶³ See supra note 79.

¹⁶⁴ 2022 MVP Order, 179 FERC ¶ 61,124 at P 105.

¹⁶⁵ Id.

¹⁶⁶ Industrial Customers Rehearing Request at 24.

MISO's postage stamp cost allocation proposal because it applies only to the Midwest Subregion and MISO has committed to exploring a more granular cost allocation method for LRTP Tranches 3 and 4. Industrial Customers contend, however, that resolution of the postage stamp cost allocation deficiencies for Tranches 3 and 4 does not resolve the unjust and unreasonable cost allocation facing customers in the Midwest Subregion for Tranches 1 and 2.¹⁶⁷

65. Industrial Customers note that WPPI Energy raised concerns of undue discrimination by pointing out that the proposal "contemplates different cost allocation methods for projects of the same type, MVPs, over the next two years though all of those projects are being considered in the same LRTP process." Industrial Customers add that Industrial Customers argued that Filing Parties have not demonstrated why it is just, reasonable, and not unduly discriminatory or preferential to apply a different cost allocation approach to the projects in LRTP Tranches 1 and 2 than to future tranches, given that MISO, through its Regional Expansion Criteria Benefits Working Group, is correctly exploring more granular and precise replacement cost allocation methods to apply in LRTP Tranches 3 and 4. 169 Thus, Industrial Customers argue the 2022 MVP Order failed to explain how accepting the proposal does not unduly discriminate against the Midwest Subregion and its customers. 170

b. AMP Rehearing Request

66. AMP contends that it showed that allocating the costs of LRTP Tranches 1 and 2 on a subregional basis and allocating the costs of Tranche 3 on a regional basis would result in undue discrimination, and the Commission erred by dismissing AMP's concern as "premature and otherwise beyond the scope of this proceeding." AMP reiterates

¹⁶⁷ *Id.* at 24-25.

 $^{^{168}}$ Id. at 25 (citing WPPI Energy Protest at 8; 2022 MVP Order, 179 FERC \P 61,124 at PP 87-88).

¹⁶⁹ Industrial Customers Rehearing Request at 25 (citing Industrial Customers April 21 Answer at 13 (citing MISO Regional Expansion Criteria Benefits Working Group, *Granular Cost Allocation Discussion Scope and Timeline*, at Slide 8 (Feb. 28, 2022) (updated Mar. 1, 2022),

https://cdn.misoenergy.org/20220228%20RECBWG%20Item%2002%20Granular%20Cost%20Allocation%20Discussion623065.pdf)).

¹⁷⁰ Id.

¹⁷¹ AMP Rehearing Request at 3 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 94); see also id. at 2 (citing AMP Protest at 7).

that, apart from the purported need for "immediate" action on LRTP Tranche 1 projects, Filing Parties offered no justification for the disparate treatment of LRTP Tranches 1 and 2 as compared to LRTP Tranche 3.¹⁷²

- 67. Further, AMP contends that the 2022 MVP Order will uniquely and adversely impact customers in the Midwest Subregion. AMP states that its protest cited MISO's commitment to initiate a stakeholder process in 2022 dedicated to establishing an alternative cost allocation approach for projects in LRTP Tranches 3 and 4.¹⁷³ AMP states that it showed that it would be unduly discriminatory to require customers in the Midwest Subregion "solely [to] bear the cost of the Tranche 1 and Tranche 2 projects physically located in the Midwest Subregion" and then subsequently allocate to those customers "a share of the costs of Tranche 3 projects under a future regional cost allocation methodology, even though those projects will be located in the MISO South Subregion." AMP argues the Commission erred in rejecting AMP's concerns as outside the scope of this proceeding based on a potential future cost allocation; AMP asserts that its request that the Commission consider the cost allocation method for LRTP Tranches 1 and 2 "in tandem with MISO's commitment to develop a new cost allocation method to the South Subregion" was squarely before the Commission. ¹⁷⁵
- 68. AMP points out that Filing Parties' transmittal letter contains multiple references to MISO's commitment to consider changing the subregional cost allocation method for LRTP Tranches 3 and 4 before that method takes effect. Indeed, according to AMP, the Entergy Operating Companies expressly stated their opposition to "the use of a postage stamp methodology to allocate the costs of LRTP projects." Nevertheless, AMP states that the Entergy Operating Companies support the Commission's acceptance of the filing "as a comprehensive package" because the costs for Tranches 1 and 2 "will not be allocated to the South Subregion" and because "MISO has committed to initiate a stakeholder process in 2022 dedicated to determin[ing] an alternative cost allocation approach that can replace the bifurcated postage stamp approach for use in Tranches 3

¹⁷² *Id.* at 6 (citing AMP Protest at 6-8).

¹⁷³ *Id.* at 8-9 & n.42 (citing Transmittal at 2 n.3; *id.* at 29 ("MISO commits to continuing the stakeholder process dedicated to identifying a cost allocation approach that may replace the bifurcated, postage-stamp approach laid out in this filing.")).

¹⁷⁴ *Id.* at 9 (citing AMP Protest at 7).

¹⁷⁵ *Id.* (quoting 2022 MVP Order, 179 FERC ¶ 61,124 at P 94).

¹⁷⁶ *Id.* (citing Transmittal Letter at 2 n.3, 19, 28-30).

¹⁷⁷ *Id.* (citing Transmittal Letter at 2 n.3).

and 4."¹⁷⁸ AMP argues these references and statements belie the Commission's claim that AMP's concern about undue discrimination is premature and beyond the scope of this proceeding and demonstrate that MISO's commitment is essential to the proposal that the Commission approved.

c. Commission Determination

- 69. We disagree with Industrial Customers' and AMP's assertion that it is unduly discriminatory to adopt a subregional postage stamp cost allocation method for LRTP Tranches 1 and 2 in light of MISO's commitment to pursue a more granular allocation method for LRTP Tranches 3 and 4.¹⁷⁹ We continue to find the Commission appropriately determined that arguments pertaining to future filings are beyond the scope of this proceeding.¹⁸⁰
- 70. The focus of this proceeding is whether Filing Parties have justified modifying the Tariff to create a subregional option for MVP cost allocation, using the existing postage stamp method that the Commission has accepted and the Seventh Circuit has affirmed. It is not unduly discriminatory for the Commission to accept a subregional option while MISO continues to discuss with stakeholders a different approach for future projects. Therefore, arguments concerning future cost allocation method filings are premature, and the Commission itself did not rely on MISO's commitment in evaluating whether Filing Parties' proposal was just and reasonable. Moreover, Industrial Customers, AMP, and others will have the opportunity to participate in the stakeholder process that may culminate in such a filing, as well as any Commission proceeding on such a filing.

¹⁷⁸ *Id.* at 9-10 (citing Transmittal Letter at 2 n.3).

¹⁷⁹ See Industrial Customers Rehearing Request at 24-25; AMP Rehearing Request at 10.

¹⁸⁰ See 2022 MVP Order, 179 FERC ¶ 61,124 at P 94.

¹⁸¹ See 2010 MVP Order, 133 FERC ¶ 61,221 at P 200 order on reh'g, 2011 MVP Rehearing Order, 137 FERC ¶ 61,074, aff'd in relevant part Illinois Comm'n II, 721 F.3d 764 ("We find that the Filing Parties have demonstrated that the MVP proposal is a framework that will result in the allocation of the costs of transmission projects on a basis that is 'roughly commensurate' with the benefits of those projects and that the proposal is otherwise just and reasonable.").

7. Delegation

a. <u>Industrial Customers Rehearing Request</u>

- 71. Industrial Customers argue that the 2022 MVP Order "arbitrarily and capriciously transfers the Commission's jurisdictional duty to the majoritarian will of the MISO stakeholder process and the MISO States." Industrial Customers highlight the 2022 MVP Order's recitation of Filing Parties' statements that their proposal "represents a balance of the interest of different stakeholder groups while allowing the immediate transmission facilities identified through the LRTP to move forward." Industrial Customers note that they corrected Filing Parties' misstatements and pointed out that MISO's LRTP proposals during the stakeholder process did not receive any support from the Eligible End-Use Customer sector, including the Industrial Customers. Industrial Customers argue the Eligible End-Use Customers sector did not support the proposal, and Filing Parties did not address the Eligible End-Use Customers' comments meaningfully. Industrial Customers contend that the proposal cannot be accepted on the basis of any broad stakeholder support and a balancing of interests, given that the entire sector voiced consistent opposition to the proposal and other sectors opposed the proposal. 185
- 72. Industrial Customers argue the 2022 MVP Order disregarded Industrial Customers' arguments regarding:
 - (1) the inadequacy of the stakeholder process to produce a just and reasonable rate outcome; (2) the failure of Filing Parties to consider Industrial Customers' extensive comments during the stakeholder process; and (3) the failure of Filing Parties' proposal to reflect a compromise or balanced outcome of views from the MISO stakeholder process, including from customers that will bear the cost of the proposal. ¹⁸⁶

¹⁸² Industrial Customers Rehearing Request at 28.

¹⁸³ Id.

 $^{^{184}}$ Id. at 28-29 (citing 2022 MVP Order, 179 FERC ¶ 61,124 at P 63 (citing Industrial Customers April 21 Answer at 17)).

¹⁸⁵ *Id.* at 29.

¹⁸⁶ *Id.* (citing Industrial Customers April 21 Answer at 17, attach. C; *TransCanada Power Mktg. Ltd. v. FERC*, 811 F.3d 1, 12 (D.C. Cir. 2015)).

73. Industrial Customers assert that Commissioner Christie tacitly accepted Filing Parties' proposal because OMS supported it. Industrial Customers emphasize, however, that OMS is not a voting member of MISO, does not represent the interest of the Eligible End-Use Customer Sector, and does not represent the interests of Industrial Customers. 187

b. <u>Commission Determination</u>

- 74. Filing Parties documented an extensive, multi-year stakeholder process culminating in the filing of the proposal. As the Industrial Customers acknowledge, they submitted multiple proposals and comments in the stakeholder process. The fact that Industrial Customers' suggestions were not accepted does not show that the process was deficient or inadequate.
- 75. Moreover, contrary to Industrial Customers' assertions, as the 2022 MVP Order shows, the Commission did not improperly delegate its statutory obligation to MISO or the stakeholder process, but performed an independent analysis of the proposal and reached its conclusions based on substantial evidence. The Commission examined how each aspect of the proposal was consistent with each of the six regional cost allocation principles set forth in Order No. 1000. Also, the Commission evaluated the testimony and Brattle Analysis and, [c]onsidering this evidence, he Commission determined that Filing Parties had adequately supported their proposal, particularly in light of the unique characteristics of MISO's region and the role of the existing

¹⁸⁷ *Id.* (citation omitted). They state that the Eligible End-Use Customer Sector has a limited number of voting members compared to other MISO sectors. *Id.* at 29 n.107.

¹⁸⁸ See 2022 MVP Order, 179 FERC ¶ 61,124 at P 33.

¹⁸⁹ Industrial Customers Request for Rehearing at 3.

¹⁹⁰ See La. Pub. Serv. Comm'n v. FERC, 761 F.3d 540, 551-52 (5th Cir. 2014) (stating that "[a]n agency abdicates its role as a rational decision-maker," and impermissibly delegates, "if it does not exercise its own judgment, and instead cedes near-total deference to private parties' estimates—even if the parties agree unanimously as to the estimated amount") (quoting Tex. Office of Pub. Util. Counsel v. FCC, 265 F.3d 313, 328 (5th Cir. 2001)). In particular, the Commission's order did not rely upon the position taken by OMS.

¹⁹¹ See 2022 MVP Order, 179 FERC ¶ 61,124 at PP 68-79, 82, 85, 93-94.

¹⁹² *Id.* P 69.

transfer limits."¹⁹³ The Commission further explained how "Filing Parties' process for determining whether an MVP portfolio provides benefits system-wide or subregionally is just and reasonable."¹⁹⁴

The Commission orders:

In response to the requests for rehearing, the 2022 MVP Order is hereby modified and the result sustained, as discussed in the body of this order.

By the Commission. Chairman Glick is not participating.

Commissioner Danly is concurring with a separate statement attached.

Commissioner Christie is concurring with a separate statement attached.

(SEAL)

Kimberly D. Bose, Secretary.

¹⁹³ *Id*.

¹⁹⁴ *Id*. P 70.

UNITED STATES OF AMERICA FEDERAL ENERGY REGULATORY COMMISSION

Midcontinent Independent System Operator, Inc. Docket No. ER22-995-001

(Issued December 16, 2022)

DANLY, Commissioner, concurring:

I concur with today's order addressing the arguments raised on rehearing. In light of the concerns raised, I write separately to express my misgivings regarding the use of the postage stamp cost allocation mechanism established by Midcontinent Independent System Operator, Inc.'s (MISO) tariff revisions. Nonetheless, given the record before us and the design of MISO's allocation system, I have not concluded that MISO's proposed cost allocation method is unjust and unreasonable.

For these reasons, I respectfully concur.

James P. Danly Commissioner

¹ Midcontinent Indep. Sys. Operator, Inc., 181 FERC ¶ 61,219 (2022).

UNITED STATES OF AMERICA FEDERAL ENERGY REGULATORY COMMISSION

Midcontinent Independent System Operator, Inc.	Docket No.	ER22-995-001
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(Issued December 16, 2022)

CHRISTIE, Commissioner, concurring:

I concur with today's order for the same reasons set forth in my concurrence to the underlying order approving MISO's subregional cost allocation filing.¹

Mark C. Christie

Commissioner

¹ See *Midcontinent Indep. Sys. Operator, Inc.*, 179 FERC ¶ 61,124 (2022) (Christie, Comm'r, concurring), https://www.ferc.gov/news-events/news/commissioner-christies-concurrence-concerning-miso-subregional-cost-allocation.

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>, Caitlin Marquis

<cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

Date: Mon, 15 May 2023 14:18:34 +0000

Importance: Normal

Attachments: 2023-05-15_-_ISO-NE_Barriers_to_Advanced_Energy.pptx

Inline-Images: image001.png

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Here is the slide deck from this morning. Have a great week!

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) <staci.rubin@state.ma.us>

Sent: Monday, May 8, 2023 9:52 AM

To: Hannah Polikov <hpolikov@advancedenergyunited.org>; Sophie Watterson

<swatterson@advancedenergyunited.org>; Caitlin Marquis <cmarquis@advancedenergyunited.org>

Subject: RE: ISO-NE 202

I look forward to the conversation next Monday.

Thank you and have a great week,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Monday, May 8, 2023 9:49 AM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Sophie Watterson <swatterson@advancedenergyunited.org>; Caitlin

Marquis <cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

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Great! Sending calendar invite now. Looking forward to seeing you next Monday!

Hannah Polikov

Managing Director

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From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Monday, May 8, 2023 9:48 AM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Sophie Watterson

<swatterson@advancedenergyunited.org>; Caitlin Marquis <cmarquis@advancedenergyunited.org>

Subject: RE: ISO-NE 202

Dear Hannah:

Yes, we can move the call to next week. I can be available on Monday, May 15 from 9-10 a.m. I hope that you are doing well.

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov < hpolikov@advancedenergyunited.org>

Sent: Monday, May 8, 2023 9:37 AM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Sophie Watterson <swatterson@advancedenergyunited.org>; Caitlin

Marquis < cmarquis@advancedenergyunited.org >

Subject: Re: ISO-NE 202

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Commissioner Rubin,

I hope you had a good weekend! We're having some scheduling snafus on our end that are creating conflicts with the times I offered. Apologies, but can we please move the call to next week? Here are times available (I will place tentative holds on internal calendars to save the times):

Monday, May 15, 9-10am Friday, May 19, 10-11am Friday, May 19, 2:30-3:30pm

Warm regards, Hannah

Hannah Polikov

Managing Director

Advanced Energy United

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Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Friday, May 5, 2023 5:37 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Sophie Watterson

<swatterson@advancedenergyunited.org>; Caitlin Marquis <cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

Dear Hannah and Caitlin:

Thank you for making this happen. Let's plan for May 11 from 1-2.

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station, 5th Floor
Boston, MA 02110
Staci.Rubin@mass.gov

Cell: 857-286-5453

From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Friday, May 5, 2023 4:54:01 PM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Sophie Watterson <swatterson@advancedenergyunited.org>; Caitlin

Marquis < cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

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Hi Commission Rubin,

Happy Friday! Cc'ing in my colleague Caitlin who is happy to do the briefing either May 11: 1-2pm or May 12: 10-11am. Please remind me which one your preference is and I'll send out the calendar invite.

Warm regards, Hannah

Hannah Polikov

Managing Director

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e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Wednesday, May 3, 2023 1:10 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Sophie Watterson

<swatterson@advancedenergyunited.org>

Subject: ISO-NE 202

Dear Hannah and Sophie:

Thank you for the warm welcome to the Equity Cohort and our initial chat. During our initial 2:1 discussion, you offered that your colleague could conduct an ISO-NE 202 briefing. I welcome that conversation. I realize that we never secured a calendar invitation with a meeting link for that briefing. How can we make that happen?

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



AEE
⊋ AEE

AEE			



ISO New England:
Barriers to Advanced
Energy



About Advanced Energy United

Advanced Energy United educates, engages, and advocates for policies that allow our member companies to compete to repower our economy with 100% clean energy.

The businesses we represent are lowering consumer costs, creating millions of new jobs, and providing the full range of clean, efficient, and reliable energy and transportation solutions.

Today, these businesses have a combined market capitalization in excess of \$3 trillion.

Together, we are united in our mission to accelerate the transition to 100% clean energy in the United States.



Topics

- Markets
- Infrastructure
- Planning
- Governance / Process
- Non-ISO Barriers
- What states can do



Markets

Barriers to advanced energy participation and/or revenue adequacy in ISO-NE Energy, Ancillary Services, and Capacity markets

Barriers to Participation:

- Minimum Offer Price Rule (phasing out by FCA 19)
- Behind-the-Meter Distributed Energy Resource Participation (failure of ISO-NE's Order No. 2222 compliance proposal)

Lack of revenue adequacy:

Lack of market signal / valuing of clean energy attributes in markets (joint state/ISO discussion via Future Pathways, currently stalled; MA DOER FCEM proposal)

GU1

- Capacity accreditation reform will further erode capacity revenues for clean resources; may correct for current over-valuing of thermal resources due to lack of accounting for weather-driven and fuel supply risks (although may not go far enough)
- Need for consideration of market reforms and new products for future decarbonized grid (currently being studied)

Winter reliability:

 Focus on availability and performance of fossil resources often resulting in measures that harm or do not incorporate clean resources (e.g., MOPR extension, Mystic RMR, Inventoried Energy Program)



i might say "weather-driven and fuel supply' risks, rather than "performance' Guest User; 5/9/2023 2:48:53 PM

Infrastructure

Failures to build out infrastructure to support advanced energy deployment in line with state policy requirements

Transmission (onshore and offshore)

- ISO-NE 2050 study (initiated at states' request) is an important step to identify needs
- While ISO has been responsive to state requests, states will need to remain engaged, aligned, and committed to moving forward with significant transmission buildout (regionally and interregionally)
- There is also a need to right-size transmission projects to better anticipate future needs

Generator Interconnection

- Transmission buildout will help alleviate bottlenecks in the medium/long term, but in the short term, resource/staffing investments and process improvements are needed:
 - Transparent information to inform generator decisions to enter the queue, and as projects move through
 - Improved modeling of battery storage systems to better reflect real-world operations
 - Disciplining timelines for TOs to complete studies (reform contemplated by pending FERC NOPR)
 - Improving the accuracy and transparency of cost and timeline estimates from Tos in interconnection studies, and allowing for discussion to understand and align on outcomes
 - Leverage available technologies (e.g., GETs), tools (e.g. software and automation), and funding (e.g., U.S. DOE)
 - Improved alignment between ISO-NE and state interconnection processes



Slide 5

Slide 4: I think that another key project that the states can help push forward is the right sizing of transmission projects, i.e. ensuring that transmission projects are build to the appropriate size anticipating the needs associated with renewable goals. Slide 4: Another huge issue is cost and time estimates provided by TOs in interconnection studies. There is no room for discussion about these estimates (particularly schedule) which can cause project delays/withdrawals. Slide 4: Interactions between ISO-NE and state interconnection processes are becoming increasingly important. Careful coordination is needed to not slow down projects but still ensure reliability on both systems. CM1

Caitlin Marquis; 5/12/2023 7:15:05 PM

Planning

Planning for the clean energy future has been an area of progress, although more work is needed to translate studies into market reforms and action

- ISO has undertaken several studies related to the clean energy transition in recent years, many at the request of the states:
 - Future Grid Pathways Study (evaluating different clean energy market pathways), ISO waiting on direction from states following out
 of MA DOER FCEM proposal
 - Future Grid Reliability Study (evaluating grid needs under a decarbonized future); "Phase 2" revenue adequacy study commencing in 2023
 - EPRI Extreme Weather Study (pending study looking at impacts and grid needs to address extreme weather)
 - 2050 Transmission Study (evaluating transmission needs under different 2050 scenarios, now in solution development phase)
- More work will be needed to ensure these studies result in market reforms that prepare the grid and the markets for a decarbonized future
- Additional transparency regarding GHG emissions data would also facilitate proactive planning



Governance / Process

Lack of power in the stakeholder process frustrates the ability of both clean energy interests and the states to enact meaningful reforms or shape ISO proposals

ISO Board

No meaningful clean energy expertise or representation

NEPOOL stakeholder process

• Incumbent-dominated, although clean energy votes increasing (many in Alternative Resources sector), and majority support is possible on certain clean energy issues with support of other sectors, i.e., End Users, Transmission Owners, Publicly Owned Entities, Generators, and/or Suppliers

Role of states

- Under ISO-NE / NESCOE / NEPOOL MOU states have a limited official role and no real power in the stakeholder process; they
 are mostly advisory, and engage primarily via NESCOE; Despite this, NESCOE maintains significant influence, but can generally
 relies on consensus amongst the New England states
- State consumer advocates (e.g., MAAGO) participate and vote in the End User sector

ISO-NE Bandwidth and Resources

 ISO-NE has consistently expressed that it is at capacity dealing with already-planned market reform and planning efforts, frustrating the ability of stakeholders (including states) to initiate and get meaningful traction on other reforms



this is factually correct but implies that NESCOE has small influence - i think the reality is NESCOE is extremely influential Guest User; 5/9/2023 2:54:57 PM

Non-ISO Barriers

Barriers that must be addressed outside of the ISO-NE process that impede the ability of advanced resources to compete in ISO-NE markets

- Siting and permitting delays and challenges
- Supply chain uncertainty
- Tariff rate and operational challenges to Battery Energy Storage Systems
- Public perception of energy transition being at odds with reliability and affordability

Lack of clarity on interconnection process / costs / timeframe and lack of certainty regarding market reforms and revenue streams frustrate developers' ability to navigate these other challenges.



How states can address these barriers

- Markets: Remain engaged (individually and through NESCOE) on pending markets issues; push ISO to pursue future market reform needs arising from Future Grid Reliability Study and others; press for regional adoption of mechanisms for incorporating clean energy attributes into markets (e.g., FCEM)
- Infrastructure: Prioritize transmission buildout and work together as a region toward ambitious portfolio of beneficial transmission projects; push ISO and work with TOs to improve interconnection outcomes
- Planning: Remain engaged (through NESCOE) to ensure continued proactive planning that takes state policy requirements into account
- Governance: Continue to push for Board transparency and continue engagement in ISO/NEPOOL process



Thank you.

Caitlin Marquis

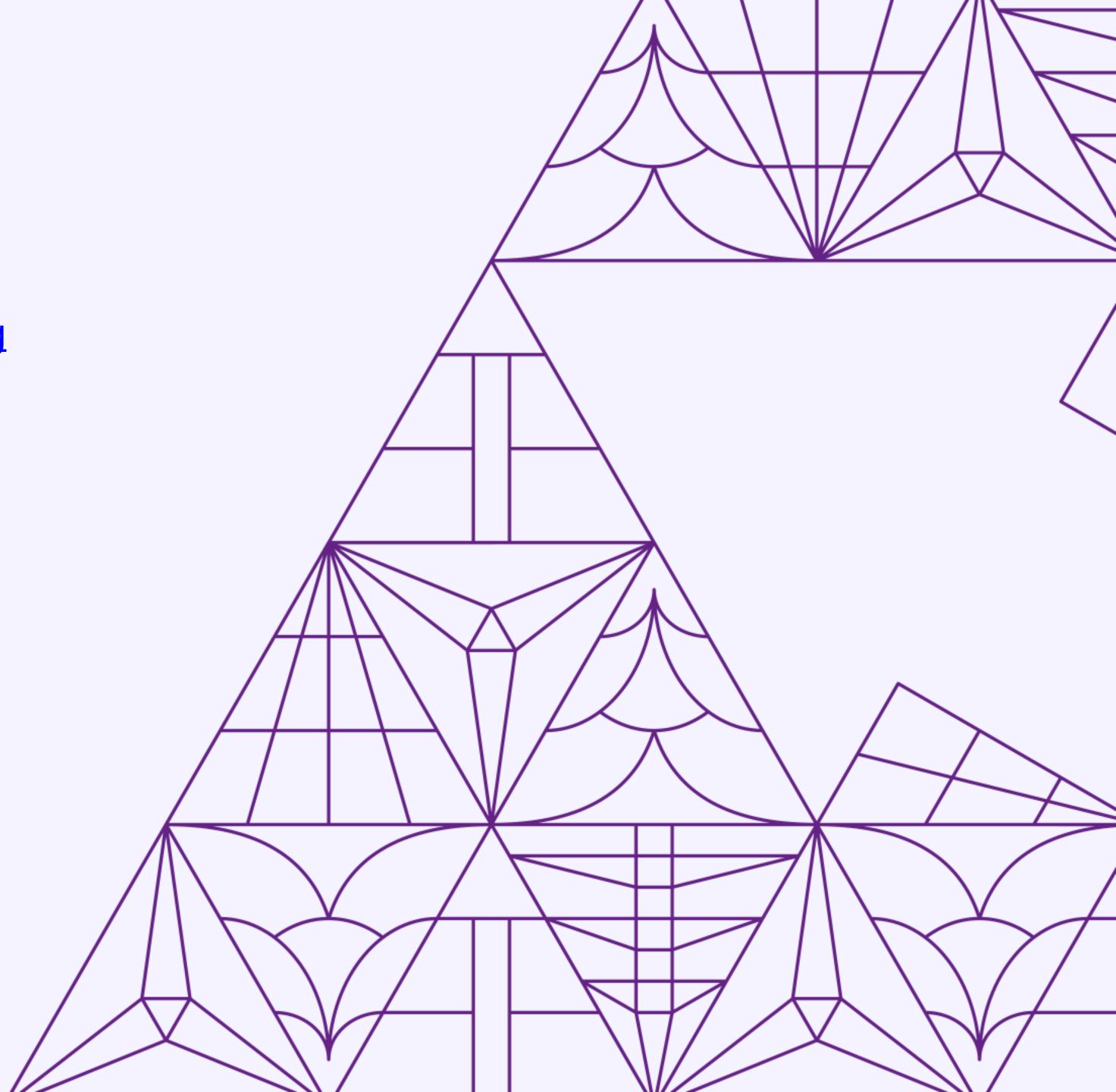
e: cmarquis@advancedenergyunited.org

t: 781.261.6047





1010 Vermont Ave. NW, Suite 1050 Washington, D.C. 20005



People / Groups

- ISO-NE
- ISO-NE Board (candidates selected by Joint Nominating Committee)
- NESCOE
- NEPOOL
 - Sectors: Publicly-Owned Entities, Transmission Owners, Suppliers, Generation, End Users, Alternative Resources
 - Day Pitney / NEPOOL Counsel
- Consumer Liaison Group
- FERC: Commissioners, OEMR / OEMR-East
- Congressional Offices



Process

- Proposals / Issues:
 - FERC Orders
 - ISO priorities
 - Stakeholder-driven
 - Work plan process (ISO-NE, NEPOOL, NESCOE)
- Committee process
 - Technical Committees and working groups, Participants Committee
 - Amendments and Voting
- Finalization and Filing with FERC
 - Jump ball



Key Issues for 2023

- New England Energy Vision (NESCOE)
 - Market Design (Pathways, FGRS)
 - Transmission (2050 Study)
 - Governance
 - Environmental Justice
- Winter Reliability
 - FERC Forum June 20, Portland, ME

- Current Work Plan:
 - Resource Capacity Accreditation
 - Ancillary Services
 - Order No. 2222 further compliance
- On the Horizon:
 - Seasonal / prompt auction
 - Interconnection reform (following final rule from FERC)



Key Annual Events

- NECPUC (late May)
- NEPOOL Summer PC Meeting (June)
 - Sector meetings with states
- Fall PC meeting
 - Sector meetings with states
- December PC meeting: Holiday breakfast



From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Hannah Polikov" hpolikov@advancedenergyunited.org, "Caitlin Marquis"

<cmarquis@advancedenergyunited.org>

Subject: RE: ISO-NE 202

Date: Mon, 15 May 2023 14:27:34 +0000

Importance: Normal

Inline-Images: image001.png

Thank you, Hannah and Caitlin.

I greatly appreciate your time,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Monday, May 15, 2023 10:19 AM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Caitlin Marquis <cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

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Here is the slide deck from this morning. Have a great week!

Hannah Polikov

Managing Director
Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Monday, May 8, 2023 9:52 AM

To: Hannah Polikov hpolikov@advancedenergyunited.org; Sophie Watterson

<swatterson@advancedenergyunited.org>; Caitlin Marquis <cmarquis@advancedenergyunited.org>

Subject: RE: ISO-NE 202

I look forward to the conversation next Monday.

Thank you and have a great week,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Monday, May 8, 2023 9:49 AM

To: Rubin, Staci (DPU) < staci.rubin@mass.gov>; Sophie Watterson < swatterson@advancedenergyunited.org>; Caitlin

Marquis < cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

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Great! Sending calendar invite now. Looking forward to seeing you next Monday!

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

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Sent: Monday, May 8, 2023 9:48 AM

To: Hannah Polikov hpolikov@advancedenergyunited.org; Sophie Watterson

<swatterson@advancedenergyunited.org>; Caitlin Marquis <cmarquis@advancedenergyunited.org>

Subject: RE: ISO-NE 202

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Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
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Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Monday, May 8, 2023 9:37 AM

To: Rubin, Staci (DPU) < staci.rubin@mass.gov>; Sophie Watterson < swatterson@advancedenergyunited.org>; Caitlin

Marquis < cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Commissioner Rubin,

I hope you had a good weekend! We're having some scheduling snafus on our end that are creating conflicts with the times I offered. Apologies, but can we please move the call to next week? Here are times available (I will place tentative holds on internal calendars to save the times):

Monday, May 15, 9-10am Friday, May 19, 10-11am Friday, May 19, 2:30-3:30pm

Warm regards, Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Friday, May 5, 2023 5:37 PM

To: Hannah Polikov hpolikov@advancedenergyunited.org; Sophie Watterson

<swatterson@advancedenergyunited.org>; Caitlin Marquis <cmarquis@advancedenergyunited.org>

Subject: Re: ISO-NE 202

Dear Hannah and Caitlin:

Thank you for making this happen. Let's plan for May 11 from 1-2.

Thank you,

Staci Rubin

Commissioner

Massachusetts Department of Public Utilities

One South Station, 5th Floor

Boston, MA 02110

Staci.Rubin@mass.gov

Cell: 857-286-5453

From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Friday, May 5, 2023 4:54:01 PM

To: Rubin, Staci (DPU) < staci.rubin@mass.gov>; Sophie Watterson < swatterson@advancedenergyunited.org>; Caitlin

Marquis < cmarquis@advancedenergyunited.org >

Subject: Re: ISO-NE 202

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi Commission Rubin,

Happy Friday! Cc'ing in my colleague Caitlin who is happy to do the briefing either May 11: 1-2pm or May 12: 10-11am. Please remind me which one your preference is and I'll send out the calendar invite.

Warm regards, Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654 Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Wednesday, May 3, 2023 1:10 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Sophie Watterson

<swatterson@advancedenergyunited.org>

Subject: ISO-NE 202

Dear Hannah and Sophie:

Thank you for the warm welcome to the Equity Cohort and our initial chat. During our initial 2:1 discussion, you offered that your colleague could conduct an ISO-NE 202 briefing. I welcome that conversation. I realize that we never secured a calendar invitation with a meeting link for that briefing. How can we make that happen?

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



AEE		
AEE		
AEE		

From: "Rubin, Staci (DPU)" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9a3bd027e02e4e2799d8b1f78a46c85d-Rubin,

Stac>

To: "Hannah Polikov" <hpolikov@advancedenergyunited.org>

Subject: Accepted: ISO NE

Date: Mon, 08 May 2023 13:52:21 +0000

Importance: Normal Attachments: unnamed **Event:** Accepted: ISO NE

Start Date: 2023-05-15 13:00:00 +0000

End Date: 2023-05-15 14:00:00 +0000

Organizer: Hannah Polikov hpolikov@advancedenergyunited.org

Location: https://us02web.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-05-08 13:52:21 +0000

Date Modified: 2023-05-08 13:52:25 +0000

Priority: 5

DTSTAMP: 2023-05-08 13:52:19 +0000

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: Caitlin Marquis cmarquis@advancedenergyunited.org, Jeremy McDiarmid

<jmcdiarmid@advancedenergyunited.org>, "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

Subject: ISO NE

Date: Mon, 08 May 2023 13:51:32 +0000

Importance: Normal Attachments: unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hannah Polikov is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

https://us02web.zoom.us/j/2846796295?from=addon

Meeting ID: 284 679 6295

One tap mobile

- +13017158592,,2846796295# US (Washington DC)
- +13052241968,,2846796295# US

Dial by your location

- +1 301 715 8592 US (Washington DC)
- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 558 8656 US (New York)
- +1 646 931 3860 US
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://us02web.zoom.us/u/k8Uvl2log



Event: ISO NE

Start Date: 2023-05-15 13:00:00 +0000

End Date: 2023-05-15 14:00:00 +0000

Organizer: Hannah Polikov <hpolikov@advancedenergyunited.org>

Location: https://us02web.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-08-13 10:47:12 +0000

Date Modified: 2023-08-13 10:47:12 +0000

Priority: 5

DTSTAMP: 2023-05-08 13:51:32 +0000

Attendee: Caitlin Marquis <cmarquis@advancedenergyunited.org>; Jeremy McDiarmid <jmcdiarmid@advancedenergyunited.org>; Rubin, Staci (DPU) <staci.rubin@mass.gov>

Alarm: Display the following message 15m before start

Reminder

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Hannah Polikov is inviting you to a scheduled Zoom meeting.

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- +13052241968,,2846796295# US

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- +1 360 209 5623 US
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- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://us02web.zoom.us/u/k8Uvl2log



Event: ISO NE

Start Date: 2023-05-15 13:00:00 +0000

End Date: 2023-05-15 14:00:00 +0000

Organizer: Hannah Polikov hpolikov@advancedenergyunited.org

Location: https://us02web.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-05-08 13:52:31 +0000

Date Modified: 2023-05-15 14:45:10 +0000

Priority: 5

DTSTAMP: 2023-05-08 13:51:32 +0000

Attendee: Caitlin Marquis <cmarquis@advancedenergyunited.org>; Jeremy McDiarmid <jmcdiarmid@advancedenergyunited.org>; Rubin, Staci (DPU) <staci.rubin@mass.gov>

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

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Meeting ID: 284 679 6295

Find your local number: https://us02web.zoom.us/u/k8Uvl2log



Event: ISO NE

Start Date: 2023-05-15 13:00:00 +0000

End Date: 2023-05-15 14:00:00 +0000

Organizer: Hannah Polikov <hpolikov@advancedenergyunited.org>

Location: https://us02web.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-05-23 23:14:54 +0000

Date Modified: 2023-05-23 23:14:54 +0000

Priority: 5

DTSTAMP: 2023-05-08 13:51:32 +0000

Attendee: Caitlin Marquis <cmarquis@advancedenergyunited.org>; Jeremy McDiarmid <jmcdiarmid@advancedenergyunited.org>; Rubin, Staci (DPU) <staci.rubin@mass.gov>

Alarm: Display the following message 15m before start

Reminder

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- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://us02web.zoom.us/u/k8Uvl2log



From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Bartlett, Phil" < Phil.Bartlett@maine.gov>

Bcc: "Hannah Polikov" hpolikov@advancedenergyunited.org

Subject: RE: MA/ME intro

Date: Wed, 03 May 2023 22:14:57 +0000

Importance: Normal

Inline-Images: image001.png

Hannah:

Thank you for the e-introduction. I moved you to BCC.

Dear Chair Bartlett:

I enjoyed meeting you last week during the NECPUC call and look forward to connecting with you. Would you be open to scheduling a video call in the coming weeks? If so, then I will propose some dates and times.

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov < hpolikov@advancedenergyunited.org>

Sent: Wednesday, May 3, 2023 3:15 PM

To: Bartlett, Phil < Phil.Bartlett@maine.gov>; Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: MA/ME intro

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Bartlett,

I'd like to introduce new MA DPU Commissioner Staci Rubin (cc'ed here) who is interested in learning more about Maine's work on intervenor compensation. I'll let you two take it from here!

Warm regards, Hannah

Hannah Polikov

Managing Director

Advanced Energy United
Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>
To: "Bartlett, Phil" <Phil.Bartlett@maine.gov>

Subject: RE: MA/ME intro

Date: Thu, 04 May 2023 10:19:17 +0000

Importance: Normal

Inline-Images: image001.png

Dear Phil:

Thank you very much. Let's meet on Monday, 5/15, at 1:00. I sent you a calendar invitation with a Teams link. Let me know if Teams does not work for you.

With appreciation, Staci

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Bartlett, Phil < Phil.Bartlett@maine.gov>
Sent: Wednesday, May 3, 2023 6:22 PM
To: Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: Re: MA/ME intro

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Yes, happy to. I'm traveling next week, but could do this Friday 2-4 or Monday 5/15 at 1:00. If those times don't work I can find some more.

Best, Phil

Get Outlook for iOS

From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Wednesday, May 3, 2023 6:14:57 PM **To:** Bartlett, Phil < Phil.Bartlett@maine.gov>

Subject: RE: MA/ME intro

EXTERNAL: This email originated from outside of the State of Maine Mail System. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hannah:

Thank you for the e-introduction. I moved you to BCC.

Dear Chair Bartlett:

I enjoyed meeting you last week during the NECPUC call and look forward to connecting with you. Would you be open to scheduling a video call in the coming weeks? If so, then I will propose some dates and times.

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Wednesday, May 3, 2023 3:15 PM

To: Bartlett, Phil < Phil.Bartlett@maine.gov">Phil.Bartlett@maine.gov>; Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: MA/ME intro

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Bartlett,

I'd like to introduce new MA DPU Commissioner Staci Rubin (cc'ed here) who is interested in learning more about Maine's work on intervenor compensation. I'll let you two take it from here!

Warm regards, Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Christian, Rory (DPS)" <Rory.Christian@dps.ny.gov> **Bcc:** "Hannah Polikov" <hpolikov@advancedenergyunited.org>

Subject: RE: MA/NY intro on siting reforms **Date:** Wed, 03 May 2023 22:17:41 +0000

Importance: Normal

Inline-Images: image001.png

Hannah:

Thank you for the e-introduction. I moved you to BCC.

Dear Chair Christian:

I enjoyed meeting you last week during the Equity Cohort and look forward to connecting with you again. Would you be open to scheduling a video call in the coming weeks? If so, then I will propose some dates and times.

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov hpolikov@advancedenergyunited.org

Sent: Wednesday, May 3, 2023 1:39 PM

To: Christian, Rory (DPS) <Rory.Christian@dps.ny.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: MA/NY intro on siting reforms

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Christian,

I hope your week is off to a good start! As I mentioned last week, I'd like to connect you with newly appointed MA DPU Commissioner Staci Rubin (cc'ed here) who is interesting in learning more about centering equity in renewable energy siting reforms. I'll let you two take it from here!

Warm regards, Hannah

Hannah Polikov

Managing Director

Advanced Energy United
Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Christian, Rory (DPS)" <Rory.Christian@dps.ny.gov> **Cc:** "Gardiner, Lynn (DPU)" <Lynn.Gardiner@mass.gov>

Subject: RE: MA/NY intro on siting reforms **Date:** Fri, 12 May 2023 22:41:33 +0000

Importance: Normal

Inline-Images: image001.png

Dear Rory:

It was terrific to chat with you this afternoon. Thank you for making time, sharing wisdom, and asking questions.

As we discussed, we will connect approximately once per month during the coming months. I copied Lynn Gardiner, who can help with scheduling on my end.

Have a lovely weekend, Staci

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Christian, Rory (DPS) < Rory. Christian@dps.ny.gov>

Sent: Tuesday, May 9, 2023 10:50 AM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov> **Subject:** RE: MA/NY intro on siting reforms

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

That time works, and Teams is fine. See you then

From: Rubin, Staci (DPU) <staci.rubin@state.ma.us>

Sent: Tuesday, May 9, 2023 10:49 AM

To: Christian, Rory (DPS) < Rory.Christian@dps.ny.gov>

Subject: RE: MA/NY intro on siting reforms

You don't often get email from staci.rubin@state.ma.us. Learn why this is important

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Dear Rory:

Thank you for making time to speak with me. I can meet this Friday, 5/12, at 1:00 p.m. I sent you a calendar invitation with a Teams link. Let me know if you prefer another phone/video app.

Thank you, Staci

Microsoft Teams meeting

Join on your computer, mobile app or room device

Click here to join the meeting Meeting ID: 266 446 542 270

Passcode: GFPJDa

<u>Download Teams</u> | <u>Join on the web</u> <u>Learn More</u> | <u>Meeting options</u>

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Christian, Rory (DPS) < Rory.Christian@dps.ny.gov>

Sent: Monday, May 8, 2023 10:01 PM

To: Rubin, Staci (DPU) < subject: Re: MA/NY intro on siting reforms

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi Staci,

I would be happy to. My earliest availability is this Friday between noon and 2pm. If that doesn't work, let me know your availability the week of the 22nd.

Best,

-R

Rory Christian

he/him/his

Chair of The New York State Public Service Commission

rory.christian@dps.ny.gov

212.417.3145

From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Wednesday, May 3, 2023 6:17 PM

To: Christian, Rory (DPS) < Rory.Christian@dps.ny.gov

Subject: RE: MA/NY intro on siting reforms

You don't often get email from staci.rubin@state.ma.us. Learn why this is important

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hannah:

Thank you for the e-introduction. I moved you to BCC.

Dear Chair Christian:

I enjoyed meeting you last week during the Equity Cohort and look forward to connecting with you again. Would you be open to scheduling a video call in the coming weeks? If so, then I will propose some dates and times.

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Wednesday, May 3, 2023 1:39 PM

To: Christian, Rory (DPS) < Rory. Christian@dps.ny.gov >; Rubin, Staci (DPU) < staci.rubin@mass.gov >

Subject: MA/NY intro on siting reforms

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Christian,

I hope your week is off to a good start! As I mentioned last week, I'd like to connect you with newly appointed MA DPU Commissioner Staci Rubin (cc'ed here) who is interesting in learning more about centering equity in renewable energy siting reforms. I'll let you two take it from here!

Warm regards, Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Jennifer Potter" <jpotter@strategen.com>

Subject: RE: HI/MA intro

Date: Fri, 12 May 2023 16:53:37 +0000

Importance: Normal

Inline-Images: image004.png; image005.png; image006.png; image007.png

Dear Jennie:

That time is perfect. Thank you very much. I look forward to connecting on Monday. Have a great day and weekend,

Staci

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Jennifer Potter < jpotter@strategen.com>

Sent: Friday, May 12, 2023 12:02 PM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: RE: HI/MA intro

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Rubin,

How about Monday from 4-5 pm ET/ 10-11am HT? I can send a Teams meeting invite shortly. I am looking forward to connect!

Best, Jennie

Jennifer Potter

Director she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301



From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Friday, May 12, 2023 5:28 AM

To: Jennifer Potter < jpotter@strategen.com>

Subject: RE: HI/MA intro

CAUTION: EXTERNAL EMAIL

Thank you for the introduction, Hannah! I moved you to bcc to not clog your inbox.

Dear Jennie:

I would be delighted to connect with you. Thank you for making time. Do any of these times work for you to do a video chat?

- Today, 3-4PM EST / 9-10AM HST
- Monday, 5/15, 4-5PM EST / 10-11AM HST
- Wednesday, 5/17, 4-5PM EST / 10-11AM HST

With appreciation,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Jennifer Potter < jpotter@strategen.com >

Sent: Thursday, May 11, 2023 4:26 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: RE: HI/MA intro

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Thank you for the introduction, Hannah! It is nice to meet you, Commissioner Rubin. I would be happy to talk about the equity work up to date at the HPUC. Do you have some days and times that could work for you?

Thank you!

Best, Jennie

Jennifer Potter

Director

she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, May 11, 2023 8:50 AM

To: Jennifer Potter < jpotter@strategen.com>; Rubin, Staci (DPU) < Staci.Rubin@state.ma.us>

Subject: HI/MA intro

CAUTION: EXTERNAL EMAIL

Dear Commissioner Rubin,

I'd like to introduce Jenny Potter (cc'ed here), formerly a Commissioner with the HI PUC where she led on their equity work. She would be happy to share with you what they've done there. I'll let you two take it from here!

Warm regards, Hannah

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Jennifer Potter < jpotter@strategen.com>

To: "Rubin, Staci (DPU)" < staci.rubin@mass.gov>

Subject: HI/MA intro

Date: Fri, 12 May 2023 16:20:33 +0000

Importance: Normal **Attachments:** unnamed

Inline-Images: image001.png; image002.png; image003.png; image004.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Discussion about equity in the regulatory framework. Looking forward to it!

Microsoft Teams meeting

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Passcode: orbcQ6

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<u>Learn More</u> | <u>Meeting options</u>

From: Rubin, Staci (DPU) <staci.rubin@state.ma.us>

Sent: Friday, May 12, 2023 5:28 AM

To: Jennifer Potter < jpotter@strategen.com>

Subject: RE: HI/MA intro

CAUTION: EXTERNAL EMAIL

Thank you for the introduction, Hannah! I moved you to bcc to not clog your inbox.

Dear Jennie:

I would be delighted to connect with you. Thank you for making time. Do any of these times work for you to do a video chat?

- Today, 3-4PM EST / 9-10AM HST
- Monday, 5/15, 4-5PM EST / 10-11AM HST
- Wednesday, 5/17, 4-5PM EST / 10-11AM HST

With appreciation,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Jennifer Potter < jpotter@strategen.com >

Sent: Thursday, May 11, 2023 4:26 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: RE: HI/MA intro

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Thank you for the introduction, Hannah! It is nice to meet you, Commissioner Rubin. I would be happy to talk about the equity work up to date at the HPUC. Do you have some days and times that could work for you?

Thank you!

Best, Jennie

Jennifer Potter

Director she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, May 11, 2023 8:50 AM

To: Jennifer Potter <jpotter@strategen.com>; Rubin, Staci (DPU) <<u>Staci.Rubin@state.ma.us</u>>

Subject: HI/MA intro

CAUTION: EXTERNAL EMAIL

Dear Commissioner Rubin,

I'd like to introduce Jenny Potter (cc'ed here), formerly a Commissioner with the HI PUC where she led on their equity work. She would be happy to share with you what they've done there. I'll let you two take it from here!

Warm regards, Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005 www.AdvancedEnergyUnited.org @AdvEnergyUnited

Event: HI/MA intro

Start Date: 2023-05-15 20:00:00 +0000

End Date: 2023-05-15 21:00:00 +0000

Organizer: Jennifer Potter <jpotter@strategen.com>

Location: Microsoft Teams Meeting

Class: X-PERSONAL

Date Created: 2023-05-12 16:41:37 +0000

Date Modified: 2023-05-15 21:08:21 +0000

Priority: 5

DTSTAMP: 2023-05-12 16:20:29 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Attach: image001.png; image002.png; image003.png; image004.png

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Passcode: orbcQ6

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From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Friday, May 12, 2023 5:28 AM

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Subject: RE: HI/MA intro

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- Wednesday, 5/17, 4-5PM EST / 10-11AM HST

With appreciation,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



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Sent: Thursday, May 11, 2023 4:26 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Rubin, Staci (DPU) < staci.rubin@mass.gov>

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Thank you!

Best, Jennie

Director

she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301

2EEFFA41 5063F77B

From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, May 11, 2023 8:50 AM

To: Jennifer Potter < jpotter@strategen.com >; Rubin, Staci (DPU) < Staci.Rubin@state.ma.us >

Subject: HI/MA intro

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Dear Commissioner Rubin,

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Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

Event: HI/MA intro

Start Date: 2023-05-12 20:00:00 +0000

End Date: 2023-05-12 21:00:00 +0000

Organizer: Jennifer Potter <jpotter@strategen.com>

Location: Microsoft Teams Meeting

Class: X-PERSONAL

Date Created: 2023-05-26 23:39:29 +0000

Date Modified: 2023-05-26 23:39:29 +0000

Priority: 5

DTSTAMP: 2023-05-12 16:20:06 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Attach: image001.png; image002.png; image003.png; image004.png

Alarm: Display the following message 15m before start

Reminder

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Microsoft Teams meeting

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Meeting ID: 292 186 925 218

Passcode: orbcQ6

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From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Friday, May 12, 2023 5:28 AM

To: Jennifer Potter < jpotter@strategen.com>

Subject: RE: HI/MA intro

CAUTION: EXTERNAL EMAIL

Thank you for the introduction, Hannah! I moved you to bcc to not clog your inbox.

Dear Jennie:

I would be delighted to connect with you. Thank you for making time. Do any of these times work for you to do a video chat?

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With appreciation,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



From: Jennifer Potter < jpotter@strategen.com >

Sent: Thursday, May 11, 2023 4:26 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: RE: HI/MA intro

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Thank you!

Best, Jennie

Jennifer Potter

Director

she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301

2EEFFA41 5063F77B

From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, May 11, 2023 8:50 AM

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e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

Event: HI/MA intro

Start Date: 2023-05-15 20:00:00 +0000

End Date: 2023-05-15 21:00:00 +0000

Organizer: Jennifer Potter <jpotter@strategen.com>

Location: Microsoft Teams Meeting

Class: X-PERSONAL

Date Created: 2023-05-26 23:39:36 +0000

Date Modified: 2023-05-26 23:39:36 +0000

Priority: 5

DTSTAMP: 2023-05-12 16:20:29 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Attach: image001.png; image002.png; image003.png; image004.png

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Meeting ID: 292 186 925 218

Passcode: orbcQ6

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<u>Learn More</u> | <u>Meeting options</u>

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Sent: Friday, May 12, 2023 5:28 AM

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Sent: Thursday, May 11, 2023 4:26 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Rubin, Staci (DPU) < staci.rubin@mass.gov>

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Jennifer Potter

Director

she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301

2EEFFA41 5063F77B

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e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

Event: HI/MA intro

Start Date: 2023-05-15 20:00:00 +0000

End Date: 2023-05-15 21:00:00 +0000

Organizer: Jennifer Potter <jpotter@strategen.com>

Location: Microsoft Teams Meeting

Class: X-PERSONAL

Date Created: 2023-08-13 10:47:17 +0000

Date Modified: 2023-08-13 10:47:17 +0000

Priority: 5

DTSTAMP: 2023-05-12 16:20:29 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Alarm: Display the following message 15m before start

Reminder

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Meeting ID: 292 186 925 218

Passcode: orbcQ6

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From: Rubin, Staci (DPU) < staci.rubin@state.ma.us>

Sent: Friday, May 12, 2023 5:28 AM

To: Jennifer Potter < jpotter@strategen.com>

Subject: RE: HI/MA intro

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With appreciation,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov

857-286-5453



From: Jennifer Potter < jpotter@strategen.com >

Sent: Thursday, May 11, 2023 4:26 PM

To: Hannah Polikov < hpolikov@advancedenergyunited.org; Rubin, Staci (DPU) < staci.rubin@mass.gov>

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Jennifer Potter

Director

she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301

2EEFFA41 5063F77B

From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, May 11, 2023 8:50 AM

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e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

 $\underline{www.AdvancedEnergyUnited.org} \ \hbox{@AdvEnergyUnited}$

Event: HI/MA intro

Start Date: 2023-05-12 20:00:00 +0000

End Date: 2023-05-12 21:00:00 +0000

Organizer: Jennifer Potter <jpotter@strategen.com>

Location: Microsoft Teams Meeting

Class: X-PERSONAL

Date Created: 2023-08-13 10:48:12 +0000

Date Modified: 2023-08-13 10:48:12 +0000

Priority: 5

DTSTAMP: 2023-05-12 16:20:06 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Alarm: Display the following message 15m before start

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With appreciation,

Staci Rubin Commissioner Massachusetts Department of Public Utilities One South Station Boston, MA 02110 Staci.Rubin@mass.gov

857-286-5453



From: Jennifer Potter < jpotter@strategen.com >

Sent: Thursday, May 11, 2023 4:26 PM

To: Hannah Polikov hpolikov@advancedenergyunited.org; Rubin, Staci (DPU) hpolikov@advancedenergyunited.org;

Subject: RE: HI/MA intro

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Director

she/her/hers (What's This?)



E: jpotter@strategen.com D: +1 510-228-1301

2EEFFA41 5063F77B

From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, May 11, 2023 8:50 AM

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o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

 $\underline{www.AdvancedEnergyUnited.org} \ \hbox{@AdvEnergyUnited}$

From: Christina Kurre <ckurre@advancedenergyunited.org>
To: "cecile.fraser@state.ma.us" <cecile.fraser@mass.gov>
Subject: Summer NARUC Dinner Invite Monday, July 17 at 6 pm

Date: Fri, 12 May 2023 16:30:02 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Fraser,

I hope this message finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be holding for Commissioners and advanced energy companies on Monday July 17 from 6-8pm at Taverna restaurant, a few minutes from the conference hotel. The dinner will be Dutch style, so everyone will pay for themselves. These informal dinners have always been a great way to learn about the latest innovations in the energy space.

Please feel free to reach out to me (ckurre@advancedenergyunited.org) or my colleague Hannah (hpolikov@advancedenergyunited.org) if you have any questions or concerns. I hope you will consider joining us!

Best, Christina

This event is not sponsored by Summer NARUC, nor is it a part of the official Summer NARUC agenda.

--

Christina Kurre Associate Advanced Energy United Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org o: 202.380.1950 x3057

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "VanNostrand, James (DPU)" <james.vannostrand@mass.gov>, "Christina Kurre"

<ckurre@advancedenergyunited.org>

Subject: Re: Summer NARUC Dinner Invite Monday, July 17 at 6 pm

Date: Mon, 15 May 2023 14:13:59 +0000

Importance: Normal

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

See you November! Have a great week!

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) <james.vannostrand@state.ma.us>

Sent: Saturday, May 13, 2023 4:13 PM

To: Christina Kurre <ckurre@advancedenergyunited.org> **Cc:** Hannah Polikov <hpolikov@advancedenergyunited.org>

Subject: RE: Summer NARUC Dinner Invite Monday, July 17 at 6 pm

Thanks for the invitation, Christina. Unfortunately, I will not be attending the Summer Policy Summit in July. I have a lot of travel planned over the next few months, and will not be making the trip to Austin.

I hope to catch up with you and Hannah at the November NARUC meeting in La Quinta.

Best, Jamie

James M. Van Nostrand

Chair, Massaschusetts Department of Public Utilities 1 South Station
Boston, MA 02110
james.vannostrand@mass.gov
(617) 305-3540



Sent: Friday, May 12, 2023 12:25 PM

To: VanNostrand, James (DPU) <James.VanNostrand@mass.gov> **Subject:** Summer NARUC Dinner Invite Monday, July 17 at 6 pm

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

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Please feel free to reach out to me (<u>ckurre@advancedenergyunited.org</u>) or my colleague Hannah (<u>hpolikov@advancedenergyunited.org</u>) if you have any questions or concerns. I hope you will consider joining us!

Best, Christina

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Christina Kurre Associate Advanced Energy United Transforming Policy. Expanding Markets.

e: <u>ckurre@advancedenergyunited.org</u>

o: 202.380.1950 x3057

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

To: "Rubin, Staci (DPU)" < staci.rubin@mass.gov>

Subject: Re: Summer NARUC Dinner Invite Monday, July 17 at 6 pm

Date: Fri, 12 May 2023 17:59:12 +0000

Importance: Normal

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Rubin,

Thank you for letting me know. I hope to see you there!

Best,

Christina

--

Christina Kurre

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3057

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) <staci.rubin@state.ma.us>

Sent: Friday, May 12, 2023 1:54 PM

To: Christina Kurre <ckurre@advancedenergyunited.org>

Subject: RE: Summer NARUC Dinner Invite Monday, July 17 at 6 pm

Dear Christina:

Thanks for the invitation. I have not yet determined whether I will attend the summer NARUC event, but if I do, I will attend the dinner.

Thank you,

Staci Rubin
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
857-286-5453



Sent: Friday, May 12, 2023 12:34 PM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: Summer NARUC Dinner Invite Monday, July 17 at 6 pm

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Dear Commissioner Rubin,

I hope this message finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be holding for Commissioners and advanced energy companies on Monday July 17 from 6-8pm at Taverna restaurant, a few minutes from the conference hotel. The dinner will be Dutch style, so everyone will pay for themselves. These informal dinners have always been a great way to learn about the latest innovations in the energy space.

Please feel free to reach out to me (ckurre@advancedenergyunited.org) or my colleague Hannah (hpolikov@advancedenergyunited.org) if you have any questions or concerns. I hope you will consider joining us!

Best, Christina

This event is not sponsored by Summer NARUC, nor is it a part of the official Summer NARUC agenda.

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Christina Kurre Associate Advanced Energy United Transforming Policy. Expanding Markets.

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www.AdvancedEnergyUnited.org @AdvEnergyUnited

Event: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Taverna 258 W. 2nd Street Austin, TX 78701

Class: X-PERSONAL

Date Created: 2023-10-02 15:12:57 +0000

Date Modified: 2023-10-02 15:12:57 +0000

Priority: 5

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Event: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Taverna 258 W. 2nd Street Austin, TX 78701

Class: X-PERSONAL

Date Created: 2023-06-01 03:57:19 +0000

Date Modified: 2023-06-01 03:57:20 +0000

Priority: 5

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megan.decker@state.or.us <megan.decker@state.or.us>; megan.gilman@state.co.us <megan.gilman@state.co.us>; meyers-web@azcc.gov <meyers-web@azcc.gov>; michael.caron@ct.gov <michael.caron@ct.gov>; michaelt.richard@maryland.gov <michaelt.richard@maryland.gov>; mike.francis@la.gov <mike.francis@la.gov>; mike.karia@state.de.us <mike.karia@state.de.us>; naomi.u.kuwaye@hawaii.gov <naomi.u.kuwaye@hawaii.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; patrick.scully@maine.gov <patrick.scully@maine.gov>; PeretickK@michigan.gov <PeretickK@michigan.gov>; peter.lake@puc.texas.gov <peter.lake@puc.texas.gov>; phil.bartlett@maine.gov <phil.bartlett@maine.gov>; pinocci@mt.gov <pinocci@mt.gov>; pradip.k.chattopadhyay@puc.nh.gov <pradip.k.chattopadhyay@puc.nh.gov>; rbeverly@psc.dc.gov <rbeverly@psc.dc.gov>; rcallen@utah.gov <rcallen@utah.gov>; rchristmann@nd.gov <rchristmann@nd.gov>; Riley.Allen@vermont.gov <Riley.Allen@vermont.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; ryanora@pa.gov <ryanora@pa.gov>; s.duffy@kcc.ks.gov <s.duffy@kcc.ks.gov>; sarah.martz@iub.iowa.gov <sarah.martz@iub.iowa.gov>; scott.rupp@psc.mo.gov <scott.rupp@psc.mo.gov>; scrippsd1@michigan.gov <scrippsd1@michigan.gov>; sfreeman@urc.in.gov <sfreeman@urc.in.gov>; shaugenhoffart@nd.gov <shaugenhoffart@nd.gov>; smd@pa.gov <smd@pa.gov>; stacey.paradis@illinois.gov <stacey.paradis@illinois.gov>; tbrownbland@ncuc.net <tbrownbland@ncuc.net>; tcordova@puc.nv.gov <tcordova@puc.nv.gov>; techols@psc.state.ga.us <techols@psc.state.ga.us>; thompson-web@azcc.gov <thompson-web@azcc.gov>; tlevar@utah.gov <tlevar@utah.gov>; Todd.Hiett@occ.ok.gov <Todd.Hiett@occ.ok.gov>; tom.plant@state.co.us <tom.plant@state.co.us>; tpridemore@psc.state.ga.us <tpridemore@psc.state.ga.us>; Tracey.Edwards@dps.ny.gov <Tracey.Edwards@dps.ny.gov>; ttrabue@psc.dc.gov <ttrabue@psc.dc.gov>; twinkle.cavanaugh@psc.alabama.gov <twinkle.cavanaugh@psc.alabama.gov>; valerie.means@state.mn.us <valerie.means@state.mn.us>; will.mcadams@puc.texas.gov <will.mcadams@puc.texas.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>

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Event: FW: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Taverna 258 W. 2nd Street Austin, TX 78701

Class: X-PERSONAL

Date Created: 2023-05-26 23:39:29 +0000

Date Modified: 2023-05-26 23:39:29 +0000

Priority: 5

DTSTAMP: 2023-05-12 14:09:37 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Riley.Allen@vermont.gov <Riley.Allen@vermont.gov>; kathleen.jackson@puc.texas.gov <kathleen.jackson@puc.texas.gov>; jimmy.glotfelty@puc.texas.gov <jimmy.glotfelty@puc.texas.gov>; lori.cobos@puc.texas.gov <lori.cobos@puc.texas.gov>; peter.lake@puc.texas.gov <peter.lake@puc.texas.gov>; will.mcadams@puc.texas.gov <will.mcadams@puc.texas.gov>; rcallen@utah.gov <rcallen@utah.gov>; drexclark@utah.gov <drexclark@utah.gov>; tlevar@utah.gov <tlevar@utah.gov>; kristie.fiegen@state.sd.us <kristie.fiegen@state.sd.us>; chris.nelson@state.sd.us <chris.nelson@state.sd.us>; gary.hanson@state.sd.us <gary.hanson@state.sd.us>; abigail.anthony@puc.ri.gov <abigail.anthony@puc.ri.gov>; john.revens@puc.ri.gov <john.revens@puc.ri.gov>; Jenifer.french@puc.state.oh.us <|enifer.french@puc.state.oh.us>; dennis.deters@puco.ohio.gov <dennis.deters@puco.ohio.gov>; daniel.conway@puco.ohio.gov <daniel.conway@puco.ohio.gov>; john.williams@puco.ohio.gov <john.williams@puco.ohio.gov>; lawrence.friedeman@puc.state.oh.us <lawrence.friedeman@puc.state.oh.us>; contactkimdavid@occ.ok.gov <contactkimdavid@occ.ok.gov>; Todd.Hiett@occ.ok.gov <Todd.Hiett@occ.ok.gov>; Bob.Anthony@occ.ok.gov <Bob.Anthony@occ.ok.gov>; mark.r.thompson@state.or.us <mark.r.thompson@state.or.us>; letha.tawney@state.or.us <letha.tawney@state.or.us>; megan.decker@state.or.us <megan.decker@state.or.us>; jfc@pa.gov <jfc@pa.gov>; katzerfuss@pa.gov <katzerfuss@pa.gov>; smd@pa.gov <smd@pa.gov>; ryanora@pa.gov <ryanora@pa.gov>; John.Howard@dps.ny.gov <John.Howard@dps.ny.gov>; Tracey.Edwards@dps.ny.gov <Tracey.Edwards@dps.ny.gov>; james.alesi@dps.ny.gov <james.alesi@dps.ny.gov>; James.Ellison@prc.nm.gov <James.Ellison@prc.nm.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; gabriel.aguilera@prc.nm.gov <gabriel.aguilera@prc.nm.gov>; tcordova@puc.nv.gov <tcordova@puc.nv.gov>; hwilliamson@puc.nv.gov <hwilliamson@puc.nv.gov>; cjmanthe@puc.nv.gov <cjmanthe@puc.nv.gov>; john.maggiore@dps.ny.gov <john.maggiore@dps.ny.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; scrippsd1@michigan.gov <scrippsd1@michigan.gov>; joseph.k.sullivan@state.mn.us <joseph.k.sullivan@state.mn.us>;

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<klgottschalk113@gmail.com>; bpeck@pvbank.com <bpeck@pvbank.com>;
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<colin.a.yost@hawaii.gov>; naomi.u.kuwaye@hawaii.gov <naomi.u.kuwaye@hawaii.gov>;
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<amccabe@icc.illinois.gov>; tom.plant@state.co.us <tom.plant@state.co.us>;
eric.blank@state.co.us <eric.blank@state.co.us>; megan.gilman@state.co.us
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<megan.gilman@state.co.us>; marissa.gillett@ct.gov <marissa.gillett@ct.gov>; john.betkoski@ct.gov <john.betkoski@ct.gov>; michael.caron@ct.gov <michael.caron@ct.gov>; ttrabue@psc.dc.gov <ttrabue@psc.dc.gov>; ethompson@psc.dc.gov <ethompson@psc.dc.gov>; rbeverly@psc.dc.gov <rbeverly@psc.dc.gov>; mike.karia@state.de.us <mike.karia@state.de.us>; kim.drexler@state.de.us <kim.drexler@state.de.us>; harold.gray@state.de.us <harold.gray@state.de.us>; dallas.winslow@delaware.gov <dallas.winslow@delaware.gov>; joanneconaway@hotmail.com <joanneconaway@hotmail.com>; Commissioner.Passidomo@psc.state.fl.us <Commissioner.Passidomo@psc.state.fl.us>; Commissioner.LaRosa@psc.state.fl.us <Commissioner.LaRosa@psc.state.fl.us>; Commissioner.Fay@psc.state.fl.us <Commissioner.Fay@psc.state.fl.us>; Commissioner.Clark@psc.state.fl.us < Commissioner.Clark@psc.state.fl.us >; commissioner.graham@psc.state.fl.us <commissioner.graham@psc.state.fl.us>; fjohnson@psc.ga.gov <fjohnson@psc.ga.gov>; jshaw@psc.state.ga.us <jshaw@psc.state.ga.us>; tpridemore@psc.state.ga.us <tpridemore@psc.state.ga.us>; techols@psc.state.ga.us <techols@psc.state.ga.us>; bob.doyle@alaska.gov <bob.doyle@alaska.gov>; keith.kurber@alaska.gov <keith.kurber@alaska.gov>; daniel.sullivan@alaska.gov <daniel.sullivan@alaska.gov>; janis.wilson@alaska.gov <janis.wilson@alaska.gov>; bob.pickett@alaska.gov <bob.pickett@alaska.gov>; jeremy.oden@psc.alabama.gov <jeremy.oden@psc.alabama.gov>; twinkle.cavanaugh@psc.alabama.gov <twinkle.cavanaugh@psc.alabama.gov>; chip.beeker@psc.alabama.gov <chip.beeker@psc.alabama.gov>; Doyle.Webb@arkansas.gov <Doyle.Webb@arkansas.gov>; Katie.Anderson@arkansas.gov < Katie.Anderson@arkansas.gov >; jtate@psc.state.ar.us <jtate@psc.state.ar.us>; meyers-web@azcc.gov <meyers-web@azcc.gov>; thompsonweb@azcc.gov <thompson-web@azcc.gov>; ATovar-web@azcc.gov <ATovar-web@azcc.gov>; JOConnor-web@azcc.gov <JOConnor-web@azcc.gov>; Imarquezpeterson@azcc.gov <lmarquezpeterson@azcc.gov>; karen.douglas@cpuc.ca.gov <karen.douglas@cpuc.ca.gov>; john.reynolds@cpuc.ca.gov <john.reynolds@cpuc.ca.gov>; alice.reynolds@cpuc.ca.gov <alice.reynolds@cpuc.ca.gov>; darcie.houck@cpuc.ca.gov <darcie.houck@cpuc.ca.gov>

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Sent: Friday, May 12, 2023 10:09:37 AM (UTC-05:00) Eastern Time (US & Canada)

To: Hannah Polikov; Riley.Allen@vermont.gov; kathleen.jackson@puc.texas.gov;

jimmy.glotfelty@puc.texas.gov; lori.cobos@puc.texas.gov; peter.lake@puc.texas.gov; will.mcadams@puc.texas.gov; rcallen@utah.gov; drexclark@utah.gov; tlevar@utah.gov; kristie.fiegen@state.sd.us; chris.nelson@state.sd.us; gary.hanson@state.sd.us; abigail.anthony@puc.ri.gov; john.revens@puc.ri.gov; Jenifer.french@puc.state.oh.us; dennis.deters@puco.ohio.gov; daniel.conway@puco.ohio.gov; john.williams@puco.ohio.gov; lawrence.friedeman@puc.state.oh.us; contactkimdavid@occ.ok.gov; Todd.Hiett@occ.ok.gov; Bob.Anthony@occ.ok.gov; mark.r.thompson@state.or.us; letha.tawney@state.or.us; megan.decker@state.or.us; jfc@pa.gov; katzerfuss@pa.gov; smd@pa.gov; ryanora@pa.gov; John.Howard@dps.ny.gov; Tracey.Edwards@dps.ny.gov; james.alesi@dps.ny.gov; James.Ellison@prc.nm.gov; pat.oconnell@prc.nm.gov; gabriel.aguilera@prc.nm.gov; tcordova@puc.nv.gov; hwilliamson@puc.nv.gov; cjmanthe@puc.nv.gov; john.maggiore@dps.ny.gov; rory.christian@dps.ny.gov; scrippsd1@michigan.gov; joseph.k.sullivan@state.mn.us; valerie.means@state.mn.us; katie.sieben@state.mn.us; matt.schuerger@state.mn.us; john.tuma@state.mn.us; glen.kolkmeyer@psc.mo.gov; jason.holsman@psc.mo.gov; maida.coleman@psc.mo.gov; scott.rupp@psc.mo.gov; brent.bailey@psc.ms.gov; dane.maxwell@psc.ms.gov; brandon.presley@psc.state.ms.us; ann.bukacek@mt.gov; Jennifer.fielder@mt.gov; james.brown@mt.gov; pinocci@mt.gov; anthony.odonnell@mt.gov; kkemerait@ncuc.net; fmckissick@ncuc.net; jhughes@ncuc.net; kduffley@ncuc.net; cmitchell@ncuc.net; dclodfelter@ncuc.net; tbrownbland@ncuc.net; shaugenhoffart@nd.gov; jfedorchak@nd.gov; rchristmann@nd.gov; klgottschalk113@gmail.com; bpeck@pvbank.com; greg.moen@nucor.com; chuckhutch@cox.net; fjreida@gmail.com; carleton.b.simpson@puc.nh.gov; pradip.k.chattopadhyay@puc.nh.gov; daniel.c.goldner@puc.nh.gov; PeretickK@michigan.gov; michaelt.richard@maryland.gov; patrick.scully@maine.gov; phil.bartlett@maine.gov; anthony.odonnell@maryland.gov; sfreeman@urc.in.gov; jhuston1@urc.in.gov; dziegner@urc.in.gov; a.french@kcc.ks.gov; s.duffy@kcc.ks.gov; d.keen@kcc.ks.gov; angie.hatton@ky.gov; mary.regan@ky.gov; Kent.Chandler@ky.gov; davante.lewis@la.gov; cgreene@la.gov; mike.francis@la.gov; eric.skrmetta@la.gov; foster.campbell@la.gov; james.vannostrand@state.ma.us; cecile.fraser@state.ma.us; dveleta@urc.in.gov; colin.a.yost@hawaii.gov; naomi.u.kuwaye@hawaii.gov; leo.r.asuncion@hawaii.gov; sarah.martz@iub.iowa.gov; erik.helland@iub.iowa.gov; joshua.byrnes@iub.iowa.gov; edward.lodge@puc.idaho.gov; john.hammond@puc.idaho.gov; eric.anderson@puc.idaho.gov; stacey.paradis@illinois.gov; conrad.reddick@illinois.gov; amccabe@icc.illinois.gov; tom.plant@state.co.us; eric.blank@state.co.us; megan.gilman@state.co.us; marissa.gillett@ct.gov; john.betkoski@ct.gov; michael.caron@ct.gov; ttrabue@psc.dc.gov; ethompson@psc.dc.gov; rbeverly@psc.dc.gov; mike.karia@state.de.us; kim.drexler@state.de.us; harold.gray@state.de.us; dallas.winslow@delaware.gov; joanneconaway@hotmail.com; Commissioner.Passidomo@psc.state.fl.us; Commissioner.LaRosa@psc.state.fl.us; Commissioner.Fay@psc.state.fl.us; Commissioner.Clark@psc.state.fl.us; commissioner.graham@psc.state.fl.us; fjohnson@psc.ga.gov; jshaw@psc.state.ga.us; tpridemore@psc.state.ga.us; techols@psc.state.ga.us; bob.doyle@alaska.gov; keith.kurber@alaska.gov; daniel.sullivan@alaska.gov; janis.wilson@alaska.gov; bob.pickett@alaska.gov; jeremy.oden@psc.alabama.gov; twinkle.cavanaugh@psc.alabama.gov; chip.beeker@psc.alabama.gov; Doyle.Webb@arkansas.gov; Katie.Anderson@arkansas.gov;

jtate@psc.state.ar.us; meyers-web@azcc.gov; thompson-web@azcc.gov; ATovar-web@azcc.gov; JOConnor-web@azcc.gov; lmarquezpeterson@azcc.gov; karen.douglas@cpuc.ca.gov; john.reynolds@cpuc.ca.gov; alice.reynolds@cpuc.ca.gov; darcie.houck@cpuc.ca.gov

Subject: Dinner with Advanced Energy United and Commissioners

When: Monday, July 17, 2023 7:00 PM-9:00 PM. Where: Taverna 258 W. 2nd Street Austin, TX 78701

```
To: "a.french@kcc.ks.gov" <a.french@kcc.ks.gov>, "abigail.anthony@puc.ri.gov"
   <abigail.anthony@puc.ri.gov>, "alice.reynolds@cpuc.ca.gov"
   <alice.reynolds@cpuc.ca.gov>, "amccabe@icc.illinois.gov" <amccabe@icc.illinois.gov>,
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Subject: Canceled: Dinner with Advanced Energy United and Commissioners

Date: Tue, 16 May 2023 20:01:36 +0000

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Event: Canceled: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Class: X-PERSONAL

Date Created: 2023-05-16 20:02:27 +0000

Date Modified: 2023-05-16 20:02:28 +0000

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Subject: Canceled: Dinner with Advanced Energy United and Commissioners

Date: Tue, 16 May 2023 20:01:36 +0000

Importance: Normal **Attachments:** unnamed

Event: Canceled: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Class: X-PERSONAL

Date Created: 2023-10-02 15:06:41 +0000

Date Modified: 2023-10-02 15:06:42 +0000

Priority: 5

DTSTAMP: 2023-05-16 20:01:36 +0000

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Event: Canceled: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

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Class: X-PERSONAL

Date Created: 2023-05-12 18:14:31 +0000

Date Modified: 2023-05-16 20:02:27 +0000

Priority: 5

DTSTAMP: 2023-05-16 20:01:36 +0000

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<jshaw@psc.state.ga.us>; jtate@psc.state.ar.us <jtate@psc.state.ar.us>;
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Imarquezpeterson@azcc.gov < Imarquezpeterson@azcc.gov >; lori.cobos@puc.texas.gov
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web@azcc.gov <meyers-web@azcc.gov>; michael.caron@ct.gov <michael.caron@ct.gov>;
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Alarm: Display the following message 15m before start

Reminder

From: Christina Kurre <ckurre@advancedenergyunited.org>

```
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     "bob.pickett@alaska.gov" <bob.pickett@alaska.gov>, "jeremy.oden@psc.alabama.gov"
     <jeremy.oden@psc.alabama.gov>, "twinkle.cavanaugh@psc.alabama.gov"
     <twinkle.cavanaugh@psc.alabama.gov>, "chip.beeker@psc.alabama.gov"
     <chip.beeker@psc.alabama.gov>, "Doyle.Webb@arkansas.gov"
     <Doyle.Webb@arkansas.gov>, "Katie.Anderson@arkansas.gov"
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     web@azcc.gov" <meyers-web@azcc.gov>, "thompson-web@azcc.gov" <thompson-
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     "lmarquezpeterson@azcc.gov" <lmarquezpeterson@azcc.gov>, "john.reynolds@cpuc.ca.gov"
     <john.reynolds@cpuc.ca.gov>, "alice.reynolds@cpuc.ca.gov" <alice.reynolds@cpuc.ca.gov>,
     "darcie.houck@cpuc.ca.gov" <darcie.houck@cpuc.ca.gov>, "megan.gilman@state.co.us"
     <megan.gilman@state.co.us>, "marissa.gillett@ct.gov" <marissa.gillett@ct.gov>,
     "john.betkoski@ct.gov" <john.betkoski@ct.gov>, "michael.caron@ct.gov"
     <michael.caron@ct.gov>, "Trabue, Ted (PSC)" <ttrabue@psc.dc.gov>,
     "ethompson@psc.dc.gov" <ethompson@psc.dc.gov>, "rbeverly@psc.dc.gov"
     <rbeverly@psc.dc.gov>, "mike.karia@state.de.us" <mike.karia@state.de.us>.
     "harold.gray@state.de.us" < harold.gray@state.de.us>, "dallas.winslow@delaware.gov"
     <a href="mailto:</a> <a href="
     "Commissioner.Fay@psc.state.fl.us" < Commissioner.Fay@psc.state.fl.us>,
     "Commissioner.Clark@psc.state.fl.us" < Commissioner.Clark@psc.state.fl.us>,
     "commissioner.graham@psc.state.fl.us" <commissioner.graham@psc.state.fl.us>,
     "fjohnson@psc.ga.gov" <fjohnson@psc.ga.gov>, "colin.a.yost@hawaii.gov"
     <colin.a.yost@hawaii.gov>, "Kuwaye, Naomi U" <naomi.u.kuwaye@hawaii.gov>, "Asuncion,
     Leo R" <leo.r.asuncion@hawaii.gov>, "sarah.martz@iub.iowa.gov"
     <sarah.martz@iub.iowa.gov>, "Byrnes, Joshua" <joshua.byrnes@iub.iowa.gov>,
     "john.hammond@puc.idaho.gov" < john.hammond@puc.idaho.gov>,
     "eric.anderson@puc.idaho.gov" <eric.anderson@puc.idaho.gov>,
     "conrad.reddick@illinois.gov" <conrad.reddick@illinois.gov>, "amccabe@icc.illinois.gov"
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     <cgreene@la.gov>, "eric.skrmetta@la.gov" <eric.skrmetta@la.gov>, "foster.campbell@la.gov"
     <foster.campbell@la.gov>, "cecile.fraser@state.ma.us" <cecile.fraser@mass.gov>,
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"Bob.Anthony@occ.ok.gov" <Bob.Anthony@occ.ok.gov>, "mark.r.thompson@state.or.us"
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<ryanora@pa.gov>, "john.revens@puc.ri.gov" <john.revens@puc.ri.gov>.
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"kathleen.jackson@puc.texas.gov" <kathleen.jackson@puc.texas.gov>,
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"lori.cobos@puc.texas.gov" <lori.cobos@puc.texas.gov>, "peter.lake@puc.texas.gov"
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"Riley.Allen@vermont.gov" <Riley.Allen@vermont.gov>, "Margaret.Cheney@vermont.gov"
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"summer.strand@wisconsin.gov" <summer.strand@wisconsin.gov>, "Huebner, Tyler - PSC"
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"clane@psc.state.wv.us" <clane@psc.state.wv.us>, "rlarrick@psc.state.wv.us"
<rlarrick@psc.state.wv.us>, "chris.petrie@wyo.gov" <chris.petrie@wyo.gov>
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Subject: Summer NARUC Dinner Invite **Date:** Tue, 16 May 2023 21:27:00 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioners,

I am sorry about the confusion and calendar clutter. We only meant to send these calendar invites to the people who RSVP'd yes to the dinner. So, I am pulling the invite for those who have not RSVP'd yes. I hope you will consider joining us for dinner in Austin on July 17th. Have a great rest of your week!

Best, Christina

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Associate

Advanced Energy United Transforming Policy. Expanding Markets.

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From: Christina Kurre < ckurre@advancedenergyunited.org>

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   "cgreene@la.gov" <cgreene@la.gov>, "chip.beeker@psc.alabama.gov"
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   "chuckhutch@cox.net" <chuckhutch@cox.net>, "cjmanthe@puc.nv.gov"
   <cjmanthe@puc.nv.gov>, "cmitchell@ncuc.net" <cmitchell@ncuc.net>.
   "colin.a.yost@hawaii.gov" <colin.a.yost@hawaii.gov>,
   "Commissioner.Clark@psc.state.fl.us" < Commissioner.Clark@psc.state.fl.us>,
   "Commissioner.Fay@psc.state.fl.us" < Commissioner.Fay@psc.state.fl.us>,
   "commissioner.graham@psc.state.fl.us" <commissioner.graham@psc.state.fl.us>,
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   "Commissioner.Passidomo@psc.state.fl.us" < Commissioner.Passidomo@psc.state.fl.us>,
   "conrad.reddick@illinois.gov" <conrad.reddick@illinois.gov>,
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Subject: Dinner with Advanced Energy United and Commissioners

Date: Fri, 12 May 2023 18:13:45 +0000

Importance: Normal **Attachments:** unnamed

Event: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Taverna 258 W. 2nd Street Austin, TX 78701

Class: X-PERSONAL

Date Created: 2023-05-12 18:14:31 +0000

Date Modified: 2023-05-16 20:02:28 +0000

Priority: 5

DTSTAMP: 2023-05-12 17:57:56 +0000

Attendee: a.french@kcc.ks.gov <a.french@kcc.ks.gov>; abigail.anthony@puc.ri.gov <abigail.anthony@puc.ri.gov>; alice.reynolds@cpuc.ca.gov <alice.reynolds@cpuc.ca.gov>; amccabe@icc.illinois.gov <amccabe@icc.illinois.gov>; angie.hatton@ky.gov <angie.hatton@ky.gov>; ann.bukacek@mt.gov <ann.bukacek@mt.gov>; anthony.odonnell@maryland.gov <anthony.odonnell@maryland.gov>; anthony.odonnell@mt.gov <anthony.odonnell@mt.gov>; ATovar-web@azcc.gov <ATovar-web@azcc.gov>; Bob.Anthony@occ.ok.gov <Bob.Anthony@occ.ok.gov>; bob.doyle@alaska.gov <bob.doyle@alaska.gov>; bob.pickett@alaska.gov <bob.pickett@alaska.gov>; bpeck@pvbank.com
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Alarm: Display the following message 15m before start

Reminder

From: Christina Kurre <ckurre@advancedenergyunited.org> **To:** "Staci.Rubin@state.ma.us" <staci.rubin@mass.gov>

Subject: FW: Dinner with Advanced Energy United and Commissioners

Date: Fri, 12 May 2023 17:58:23 +0000

Importance: Normal **Attachments:** unnamed

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From: Christina Kurre <ckurre@advancedenergyunited.org> Sent: Friday, May 12, 2023 10:09:37 AM (UTC-05:00) Eastern Time (US & Canada) To: Hannah Polikov; Riley.Allen@vermont.gov; kathleen.jackson@puc.texas.gov; jimmy.glotfelty@puc.texas.gov; lori.cobos@puc.texas.gov; peter.lake@puc.texas.gov; will.mcadams@puc.texas.gov; rcallen@utah.gov; drexclark@utah.gov; tlevar@utah.gov; kristie.fiegen@state.sd.us; chris.nelson@state.sd.us; gary.hanson@state.sd.us; abigail.anthony@puc.ri.gov; john.revens@puc.ri.gov; Jenifer.french@puc.state.oh.us; dennis.deters@puco.ohio.gov; daniel.conway@puco.ohio.gov; john.williams@puco.ohio.gov; lawrence.friedeman@puc.state.oh.us; contactkimdavid@occ.ok.gov; Todd.Hiett@occ.ok.gov; Bob.Anthony@occ.ok.gov; mark.r.thompson@state.or.us; letha.tawney@state.or.us; megan.decker@state.or.us; jfc@pa.gov; katzerfuss@pa.gov; smd@pa.gov; ryanora@pa.gov; John.Howard@dps.ny.gov; Tracey.Edwards@dps.ny.gov; james.alesi@dps.ny.gov; James.Ellison@prc.nm.gov; pat.oconnell@prc.nm.gov; gabriel.aguilera@prc.nm.gov; tcordova@puc.nv.gov; hwilliamson@puc.nv.gov; cjmanthe@puc.nv.gov; john.maggiore@dps.ny.gov; rory.christian@dps.ny.gov; scrippsd1@michigan.gov; joseph.k.sullivan@state.mn.us; valerie.means@state.mn.us; katie.sieben@state.mn.us; matt.schuerger@state.mn.us; john.tuma@state.mn.us; glen.kolkmeyer@psc.mo.gov; jason.holsman@psc.mo.gov; maida.coleman@psc.mo.gov; scott.rupp@psc.mo.gov; brent.bailey@psc.ms.gov; dane.maxwell@psc.ms.gov; brandon.presley@psc.state.ms.us; ann.bukacek@mt.gov; Jennifer.fielder@mt.gov; james.brown@mt.gov; pinocci@mt.gov; anthony.odonnell@mt.gov; kkemerait@ncuc.net; fmckissick@ncuc.net; jhughes@ncuc.net; kduffley@ncuc.net; cmitchell@ncuc.net; dclodfelter@ncuc.net; tbrownbland@ncuc.net; shaugenhoffart@nd.gov; jfedorchak@nd.gov; rchristmann@nd.gov; klgottschalk113@gmail.com; bpeck@pvbank.com; greg.moen@nucor.com; chuckhutch@cox.net; fjreida@gmail.com; carleton.b.simpson@puc.nh.gov; pradip.k.chattopadhyay@puc.nh.gov; daniel.c.goldner@puc.nh.gov; PeretickK@michigan.gov; michaelt.richard@maryland.gov; patrick.scully@maine.gov; phil.bartlett@maine.gov; anthony.odonnell@maryland.gov; sfreeman@urc.in.gov; jhuston1@urc.in.gov; dziegner@urc.in.gov; a.french@kcc.ks.gov; s.duffy@kcc.ks.gov; d.keen@kcc.ks.gov; angie.hatton@ky.gov; mary.regan@ky.gov; Kent.Chandler@ky.gov; davante.lewis@la.gov; cgreene@la.gov; mike.francis@la.gov; eric.skrmetta@la.gov; foster.campbell@la.gov; james.vannostrand@state.ma.us; cecile.fraser@state.ma.us; dveleta@urc.in.gov; colin.a.yost@hawaii.gov; naomi.u.kuwaye@hawaii.gov; leo.r.asuncion@hawaii.gov; sarah.martz@iub.iowa.gov; erik.helland@iub.iowa.gov; joshua.byrnes@iub.iowa.gov; edward.lodge@puc.idaho.gov; john.hammond@puc.idaho.gov; eric.anderson@puc.idaho.gov; stacey.paradis@illinois.gov; conrad.reddick@illinois.gov; amccabe@icc.illinois.gov; tom.plant@state.co.us; eric.blank@state.co.us; megan.gilman@state.co.us; marissa.gillett@ct.gov; john.betkoski@ct.gov; michael.caron@ct.gov; ttrabue@psc.dc.gov; ethompson@psc.dc.gov; rbeverly@psc.dc.gov; mike.karia@state.de.us; kim.drexler@state.de.us; harold.gray@state.de.us; dallas.winslow@delaware.gov;

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Subject: Dinner with Advanced Energy United and Commissioners

When: Monday, July 17, 2023 7:00 PM-9:00 PM. Where: Taverna 258 W. 2nd Street Austin, TX 78701

Event: FW: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Taverna 258 W. 2nd Street Austin, TX 78701

Class: X-PERSONAL

Date Created: 2023-08-13 10:48:12 +0000

Date Modified: 2023-08-13 10:48:13 +0000

Priority: 5

DTSTAMP: 2023-05-12 14:09:37 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Riley.Allen@vermont.gov <Riley.Allen@vermont.gov>; kathleen.jackson@puc.texas.gov <kathleen.jackson@puc.texas.gov>; jimmy.glotfelty@puc.texas.gov <jimmy.glotfelty@puc.texas.gov>; lori.cobos@puc.texas.gov <lori.cobos@puc.texas.gov>; peter.lake@puc.texas.gov <peter.lake@puc.texas.gov>; will.mcadams@puc.texas.gov <will.mcadams@puc.texas.gov>; rcallen@utah.gov <rcallen@utah.gov>; drexclark@utah.gov <drexclark@utah.gov>; tlevar@utah.gov <tlevar@utah.gov>; kristie.fiegen@state.sd.us <kristie.fiegen@state.sd.us>; chris.nelson@state.sd.us <chris.nelson@state.sd.us>; gary.hanson@state.sd.us <gary.hanson@state.sd.us>; abigail.anthony@puc.ri.gov <abigail.anthony@puc.ri.gov>; john.revens@puc.ri.gov <john.revens@puc.ri.gov>; Jenifer.french@puc.state.oh.us <|enifer.french@puc.state.oh.us>; dennis.deters@puco.ohio.gov <dennis.deters@puco.ohio.gov>; daniel.conway@puco.ohio.gov <daniel.conway@puco.ohio.gov>; john.williams@puco.ohio.gov <john.williams@puco.ohio.gov>; lawrence.friedeman@puc.state.oh.us <lawrence.friedeman@puc.state.oh.us>; contactkimdavid@occ.ok.gov <contactkimdavid@occ.ok.gov>; Todd.Hiett@occ.ok.gov <Todd.Hiett@occ.ok.gov>; Bob.Anthony@occ.ok.gov <Bob.Anthony@occ.ok.gov>; mark.r.thompson@state.or.us <mark.r.thompson@state.or.us>; letha.tawney@state.or.us <letha.tawney@state.or.us>; megan.decker@state.or.us <megan.decker@state.or.us>; jfc@pa.gov <jfc@pa.gov>; katzerfuss@pa.gov <katzerfuss@pa.gov>; smd@pa.gov <smd@pa.gov>; ryanora@pa.gov <ryanora@pa.gov>; John.Howard@dps.ny.gov <John.Howard@dps.ny.gov>; Tracey.Edwards@dps.ny.gov <Tracey.Edwards@dps.ny.gov>; james.alesi@dps.ny.gov <james.alesi@dps.ny.gov>; James.Ellison@prc.nm.gov <James.Ellison@prc.nm.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; gabriel.aguilera@prc.nm.gov <gabriel.aguilera@prc.nm.gov>; tcordova@puc.nv.gov <tcordova@puc.nv.gov>; hwilliamson@puc.nv.gov <hwilliamson@puc.nv.gov>; cjmanthe@puc.nv.gov <cjmanthe@puc.nv.gov>; john.maggiore@dps.ny.gov <john.maggiore@dps.ny.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; scrippsd1@michigan.gov <scrippsd1@michigan.gov>; joseph.k.sullivan@state.mn.us <joseph.k.sullivan@state.mn.us>;

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maida.coleman@psc.mo.gov <maida.coleman@psc.mo.gov>; scott.rupp@psc.mo.gov
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<eric.skrmetta@la.gov>; foster.campbell@la.gov <foster.campbell@la.gov>;
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<amccabe@icc.illinois.gov>; tom.plant@state.co.us <tom.plant@state.co.us>;
eric.blank@state.co.us <eric.blank@state.co.us>; megan.gilman@state.co.us
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<megan.gilman@state.co.us>; marissa.gillett@ct.gov <marissa.gillett@ct.gov>; john.betkoski@ct.gov <john.betkoski@ct.gov>; michael.caron@ct.gov <michael.caron@ct.gov>; ttrabue@psc.dc.gov <ttrabue@psc.dc.gov>; ethompson@psc.dc.gov <ethompson@psc.dc.gov>; rbeverly@psc.dc.gov <rbeverly@psc.dc.gov>; mike.karia@state.de.us <mike.karia@state.de.us>; kim.drexler@state.de.us <kim.drexler@state.de.us>; harold.gray@state.de.us <harold.gray@state.de.us>; dallas.winslow@delaware.gov <dallas.winslow@delaware.gov>; joanneconaway@hotmail.com <joanneconaway@hotmail.com>; Commissioner.Passidomo@psc.state.fl.us <Commissioner.Passidomo@psc.state.fl.us>; Commissioner.LaRosa@psc.state.fl.us <Commissioner.LaRosa@psc.state.fl.us>; Commissioner.Fay@psc.state.fl.us <Commissioner.Fay@psc.state.fl.us>; Commissioner.Clark@psc.state.fl.us < Commissioner.Clark@psc.state.fl.us >; commissioner.graham@psc.state.fl.us <commissioner.graham@psc.state.fl.us>; fjohnson@psc.ga.gov <fjohnson@psc.ga.gov>; jshaw@psc.state.ga.us <jshaw@psc.state.ga.us>; tpridemore@psc.state.ga.us <tpridemore@psc.state.ga.us>; techols@psc.state.ga.us <techols@psc.state.ga.us>; bob.doyle@alaska.gov <bob.doyle@alaska.gov>; keith.kurber@alaska.gov <keith.kurber@alaska.gov>; daniel.sullivan@alaska.gov <daniel.sullivan@alaska.gov>; janis.wilson@alaska.gov <janis.wilson@alaska.gov>; bob.pickett@alaska.gov <bob.pickett@alaska.gov>; jeremy.oden@psc.alabama.gov <jeremy.oden@psc.alabama.gov>; twinkle.cavanaugh@psc.alabama.gov <twinkle.cavanaugh@psc.alabama.gov>; chip.beeker@psc.alabama.gov <chip.beeker@psc.alabama.gov>; Doyle.Webb@arkansas.gov <Doyle.Webb@arkansas.gov>; Katie.Anderson@arkansas.gov < Katie.Anderson@arkansas.gov >; jtate@psc.state.ar.us <jtate@psc.state.ar.us>; meyers-web@azcc.gov <meyers-web@azcc.gov>; thompsonweb@azcc.gov <thompson-web@azcc.gov>; ATovar-web@azcc.gov <ATovar-web@azcc.gov>; JOConnor-web@azcc.gov <JOConnor-web@azcc.gov>; Imarquezpeterson@azcc.gov <lmarquezpeterson@azcc.gov>; karen.douglas@cpuc.ca.gov <karen.douglas@cpuc.ca.gov>; john.reynolds@cpuc.ca.gov <john.reynolds@cpuc.ca.gov>; alice.reynolds@cpuc.ca.gov <alice.reynolds@cpuc.ca.gov>; darcie.houck@cpuc.ca.gov <darcie.houck@cpuc.ca.gov>

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From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Friday, May 12, 2023 10:09:37 AM (UTC-05:00) Eastern Time (US & Canada)

To: Hannah Polikov; Riley.Allen@vermont.gov; kathleen.jackson@puc.texas.gov;

jimmy.glotfelty@puc.texas.gov; lori.cobos@puc.texas.gov; peter.lake@puc.texas.gov; will.mcadams@puc.texas.gov; rcallen@utah.gov; drexclark@utah.gov; tlevar@utah.gov; kristie.fiegen@state.sd.us; chris.nelson@state.sd.us; gary.hanson@state.sd.us; abigail.anthony@puc.ri.gov; john.revens@puc.ri.gov; Jenifer.french@puc.state.oh.us; dennis.deters@puco.ohio.gov; daniel.conway@puco.ohio.gov; john.williams@puco.ohio.gov; lawrence.friedeman@puc.state.oh.us; contactkimdavid@occ.ok.gov; Todd.Hiett@occ.ok.gov; Bob.Anthony@occ.ok.gov; mark.r.thompson@state.or.us; letha.tawney@state.or.us; megan.decker@state.or.us; jfc@pa.gov; katzerfuss@pa.gov; smd@pa.gov; ryanora@pa.gov; John.Howard@dps.ny.gov; Tracey.Edwards@dps.ny.gov; james.alesi@dps.ny.gov; James.Ellison@prc.nm.gov; pat.oconnell@prc.nm.gov; gabriel.aguilera@prc.nm.gov; tcordova@puc.nv.gov; hwilliamson@puc.nv.gov; cjmanthe@puc.nv.gov; john.maggiore@dps.ny.gov; rory.christian@dps.ny.gov; scrippsd1@michigan.gov; joseph.k.sullivan@state.mn.us; valerie.means@state.mn.us; katie.sieben@state.mn.us; matt.schuerger@state.mn.us; john.tuma@state.mn.us; glen.kolkmeyer@psc.mo.gov; jason.holsman@psc.mo.gov; maida.coleman@psc.mo.gov; scott.rupp@psc.mo.gov; brent.bailey@psc.ms.gov; dane.maxwell@psc.ms.gov; brandon.presley@psc.state.ms.us; ann.bukacek@mt.gov; Jennifer.fielder@mt.gov; james.brown@mt.gov; pinocci@mt.gov; anthony.odonnell@mt.gov; kkemerait@ncuc.net; fmckissick@ncuc.net; jhughes@ncuc.net; kduffley@ncuc.net; cmitchell@ncuc.net; dclodfelter@ncuc.net; tbrownbland@ncuc.net; shaugenhoffart@nd.gov; jfedorchak@nd.gov; rchristmann@nd.gov; klgottschalk113@gmail.com; bpeck@pvbank.com; greg.moen@nucor.com; chuckhutch@cox.net; fjreida@gmail.com; carleton.b.simpson@puc.nh.gov; pradip.k.chattopadhyay@puc.nh.gov; daniel.c.goldner@puc.nh.gov; PeretickK@michigan.gov; michaelt.richard@maryland.gov; patrick.scully@maine.gov; phil.bartlett@maine.gov; anthony.odonnell@maryland.gov; sfreeman@urc.in.gov; jhuston1@urc.in.gov; dziegner@urc.in.gov; a.french@kcc.ks.gov; s.duffy@kcc.ks.gov; d.keen@kcc.ks.gov; angie.hatton@ky.gov; mary.regan@ky.gov; Kent.Chandler@ky.gov; davante.lewis@la.gov; cgreene@la.gov; mike.francis@la.gov; eric.skrmetta@la.gov; foster.campbell@la.gov; james.vannostrand@state.ma.us; cecile.fraser@state.ma.us; dveleta@urc.in.gov; colin.a.yost@hawaii.gov; naomi.u.kuwaye@hawaii.gov; leo.r.asuncion@hawaii.gov; sarah.martz@iub.iowa.gov; erik.helland@iub.iowa.gov; joshua.byrnes@iub.iowa.gov; edward.lodge@puc.idaho.gov; john.hammond@puc.idaho.gov; eric.anderson@puc.idaho.gov; stacey.paradis@illinois.gov; conrad.reddick@illinois.gov; amccabe@icc.illinois.gov; tom.plant@state.co.us; eric.blank@state.co.us; megan.gilman@state.co.us; marissa.gillett@ct.gov; john.betkoski@ct.gov; michael.caron@ct.gov; ttrabue@psc.dc.gov; ethompson@psc.dc.gov; rbeverly@psc.dc.gov; mike.karia@state.de.us; kim.drexler@state.de.us; harold.gray@state.de.us; dallas.winslow@delaware.gov; joanneconaway@hotmail.com; Commissioner.Passidomo@psc.state.fl.us; Commissioner.LaRosa@psc.state.fl.us; Commissioner.Fay@psc.state.fl.us; Commissioner.Clark@psc.state.fl.us; commissioner.graham@psc.state.fl.us; fjohnson@psc.ga.gov; jshaw@psc.state.ga.us; tpridemore@psc.state.ga.us; techols@psc.state.ga.us; bob.doyle@alaska.gov; keith.kurber@alaska.gov; daniel.sullivan@alaska.gov; janis.wilson@alaska.gov; bob.pickett@alaska.gov; jeremy.oden@psc.alabama.gov; twinkle.cavanaugh@psc.alabama.gov; chip.beeker@psc.alabama.gov; Doyle.Webb@arkansas.gov; Katie.Anderson@arkansas.gov;

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Subject: Dinner with Advanced Energy United and Commissioners

When: Monday, July 17, 2023 7:00 PM-9:00 PM. Where: Taverna 258 W. 2nd Street Austin, TX 78701

Event: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Taverna 258 W. 2nd Street Austin, TX 78701

Class: X-PERSONAL

Date Created: 2023-10-02 15:12:57 +0000

Date Modified: 2023-10-02 15:12:57 +0000

Priority: 5

DTSTAMP: 2023-05-12 17:57:56 +0000

Attendee: a.french@kcc.ks.gov <a.french@kcc.ks.gov>; abigail.anthony@puc.ri.gov <abigail.anthony@puc.ri.gov>; alice.reynolds@cpuc.ca.gov <alice.reynolds@cpuc.ca.gov>; amccabe@icc.illinois.gov <amccabe@icc.illinois.gov>; angie.hatton@ky.gov <angie.hatton@ky.gov>; ann.bukacek@mt.gov <ann.bukacek@mt.gov>; anthony.odonnell@maryland.gov <anthony.odonnell@maryland.gov>; anthony.odonnell@mt.gov <anthony.odonnell@mt.gov>; ATovar-web@azcc.gov <ATovar-web@azcc.gov>; Bob.Anthony@occ.ok.gov <Bob.Anthony@occ.ok.gov>; bob.doyle@alaska.gov <bob.doyle@alaska.gov>; bob.pickett@alaska.gov <bob.pickett@alaska.gov>; bpeck@pvbank.com
bpeck@pvbank.com>; brandon.presley@psc.state.ms.us <brandon.presley@psc.state.ms.us>; brent.bailey@psc.ms.gov <brent.bailey@psc.ms.gov>; carleton.b.simpson@puc.nh.gov <carleton.b.simpson@puc.nh.gov>; Fraser, Cecile (DPU) <cecile.fraser@mass.gov>; cgreene@la.gov <cgreene@la.gov>; chip.beeker@psc.alabama.gov <chip.beeker@psc.alabama.gov>; chris.nelson@state.sd.us <chris.nelson@state.sd.us>; chuckhutch@cox.net <chuckhutch@cox.net>; cjmanthe@puc.nv.gov <cjmanthe@puc.nv.gov>; cmitchell@ncuc.net <cmitchell@ncuc.net>; colin.a.yost@hawaii.gov <colin.a.yost@hawaii.gov>; Commissioner.Clark@psc.state.fl.us < Commissioner.Clark@psc.state.fl.us >; Commissioner.Fay@psc.state.fl.us <Commissioner.Fay@psc.state.fl.us>; commissioner.graham@psc.state.fl.us <commissioner.graham@psc.state.fl.us>; Commissioner.LaRosa@psc.state.fl.us <Commissioner.LaRosa@psc.state.fl.us>; Commissioner.Passidomo@psc.state.fl.us <Commissioner.Passidomo@psc.state.fl.us>; conrad.reddick@illinois.gov <conrad.reddick@illinois.gov>; contactkimdavid@occ.ok.gov <contactkimdavid@occ.ok.gov>; d.keen@kcc.ks.gov <d.keen@kcc.ks.gov>; dallas.winslow@delaware.gov <dallas.winslow@delaware.gov>; dane.maxwell@psc.ms.gov <dane.maxwell@psc.ms.gov>; daniel.c.goldner@puc.nh.gov <daniel.c.goldner@puc.nh.gov>; daniel.conway@puco.ohio.gov <daniel.conway@puco.ohio.gov>; daniel.sullivan@alaska.gov <daniel.sullivan@alaska.gov>; darcie.houck@cpuc.ca.gov <darcie.houck@cpuc.ca.gov>; davante.lewis@la.gov <davante.lewis@la.gov>; dclodfelter@ncuc.net <dclodfelter@ncuc.net>; dennis.deters@puco.ohio.gov <dennis.deters@puco.ohio.gov>; Doyle.Webb@arkansas.gov <Doyle.Webb@arkansas.gov>; drexclark@utah.gov <drexclark@utah.gov>; dveleta@urc.in.gov

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gary.hanson@state.sd.us <gary.hanson@state.sd.us>; glen.kolkmeyer@psc.mo.gov
<glen.kolkmeyer@psc.mo.gov>; greg.moen@nucor.com <greg.moen@nucor.com>;
harold.gray@state.de.us <harold.gray@state.de.us>; hwilliamson@puc.nv.gov
<hwilliamson@puc.nv.gov>; james.alesi@dps.ny.gov <james.alesi@dps.ny.gov>;
james.brown@mt.gov <james.brown@mt.gov>; James.Ellison@prc.nm.gov
<James.Ellison@prc.nm.gov>; james.vannostrand@state.ma.us
<james.vannostrand@state.ma.us>; janis.wilson@alaska.gov <janis.wilson@alaska.gov>;
jason.holsman@psc.mo.gov <jason.holsman@psc.mo.gov>; Jenifer.french@puc.state.oh.us
<Jenifer.french@puc.state.oh.us>; Jennifer.fielder@mt.gov <Jennifer.fielder@mt.gov>;
jeremy.oden@psc.alabama.gov <jeremy.oden@psc.alabama.gov>; jfc@pa.gov <jfc@pa.gov>;
jfedorchak@nd.gov <jfedorchak@nd.gov>; jhughes@ncuc.net <jhughes@ncuc.net>;
jhuston1@urc.in.gov <jhuston1@urc.in.gov>; jimmy.glotfelty@puc.texas.gov
<jimmy.glotfelty@puc.texas.gov>; joanneconaway@hotmail.com
<joanneconaway@hotmail.com>; JOConnor-web@azcc.gov <JOConnor-web@azcc.gov>;
john.betkoski@ct.gov <john.betkoski@ct.gov>; john.hammond@puc.idaho.gov
<john.hammond@puc.idaho.gov>; John.Howard@dps.ny.gov <John.Howard@dps.ny.gov>;
john.maggiore@dps.ny.gov <john.maggiore@dps.ny.gov>; john.revens@puc.ri.gov
<john.revens@puc.ri.gov>; john.reynolds@cpuc.ca.gov <john.reynolds@cpuc.ca.gov>;
john.tuma@state.mn.us <john.tuma@state.mn.us>; john.williams@puco.ohio.gov
<john.williams@puco.ohio.gov>; joseph.k.sullivan@state.mn.us <joseph.k.sullivan@state.mn.us>;
joshua.byrnes@iub.iowa.gov <joshua.byrnes@iub.iowa.gov>; jshaw@psc.state.ga.us
<jshaw@psc.state.ga.us>; jtate@psc.state.ar.us <jtate@psc.state.ar.us>;
karen.douglas@cpuc.ca.gov <karen.douglas@cpuc.ca.gov>; kathleen.jackson@puc.texas.gov
<kathleen.jackson@puc.texas.gov>; Katie.Anderson@arkansas.gov
<Katie.Anderson@arkansas.gov>; katie.sieben@state.mn.us <katie.sieben@state.mn.us>;
katzerfuss@pa.gov <katzerfuss@pa.gov>; kduffley@ncuc.net <kduffley@ncuc.net>;
keith.kurber@alaska.gov <keith.kurber@alaska.gov>; Kent.Chandler@ky.gov
<Kent.Chandler@ky.gov>; kim.drexler@state.de.us <kim.drexler@state.de.us>;
kkemerait@ncuc.net <kkemerait@ncuc.net>; klgottschalk113@gmail.com
<klgottschalk113@gmail.com>; kristie.fiegen@state.sd.us <kristie.fiegen@state.sd.us>;
lawrence.friedeman@puc.state.oh.us <lawrence.friedeman@puc.state.oh.us>;
leo.r.asuncion@hawaii.gov <leo.r.asuncion@hawaii.gov>; letha.tawney@state.or.us
<letha.tawney@state.or.us>; Imarquezpeterson@azcc.gov < Imarquezpeterson@azcc.gov>;
lori.cobos@puc.texas.gov <lori.cobos@puc.texas.gov>; maida.coleman@psc.mo.gov
<maida.coleman@psc.mo.gov>; marissa.gillett@ct.gov <marissa.gillett@ct.gov>;
mark.r.thompson@state.or.us <mark.r.thompson@state.or.us>; mary.regan@ky.gov
<mary.regan@ky.gov>; matt.schuerger@state.mn.us <matt.schuerger@state.mn.us>;
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megan.decker@state.or.us <megan.decker@state.or.us>; megan.gilman@state.co.us <megan.gilman@state.co.us>; meyers-web@azcc.gov <meyers-web@azcc.gov>; michael.caron@ct.gov <michael.caron@ct.gov>; michaelt.richard@maryland.gov <michaelt.richard@maryland.gov>; mike.francis@la.gov <mike.francis@la.gov>; mike.karia@state.de.us <mike.karia@state.de.us>; naomi.u.kuwaye@hawaii.gov <naomi.u.kuwaye@hawaii.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; patrick.scully@maine.gov <patrick.scully@maine.gov>; PeretickK@michigan.gov <PeretickK@michigan.gov>; peter.lake@puc.texas.gov <peter.lake@puc.texas.gov>; phil.bartlett@maine.gov <phil.bartlett@maine.gov>; pinocci@mt.gov <pinocci@mt.gov>; pradip.k.chattopadhyay@puc.nh.gov <pradip.k.chattopadhyay@puc.nh.gov>; rbeverly@psc.dc.gov <rbeverly@psc.dc.gov>; rcallen@utah.gov <rcallen@utah.gov>; rchristmann@nd.gov <rchristmann@nd.gov>; Riley.Allen@vermont.gov <Riley.Allen@vermont.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; ryanora@pa.gov <ryanora@pa.gov>; s.duffy@kcc.ks.gov <s.duffy@kcc.ks.gov>; sarah.martz@iub.iowa.gov <sarah.martz@iub.iowa.gov>; scott.rupp@psc.mo.gov <scott.rupp@psc.mo.gov>; scrippsd1@michigan.gov <scrippsd1@michigan.gov>; sfreeman@urc.in.gov <sfreeman@urc.in.gov>; shaugenhoffart@nd.gov <shaugenhoffart@nd.gov>; smd@pa.gov <smd@pa.gov>; stacey.paradis@illinois.gov <stacey.paradis@illinois.gov>; tbrownbland@ncuc.net <tbrownbland@ncuc.net>; tcordova@puc.nv.gov <tcordova@puc.nv.gov>; techols@psc.state.ga.us <techols@psc.state.ga.us>; thompson-web@azcc.gov <thompson-web@azcc.gov>; tlevar@utah.gov <tlevar@utah.gov>; Todd.Hiett@occ.ok.gov <Todd.Hiett@occ.ok.gov>; tom.plant@state.co.us <tom.plant@state.co.us>; tpridemore@psc.state.ga.us <tpridemore@psc.state.ga.us>; Tracey.Edwards@dps.ny.gov <Tracey.Edwards@dps.ny.gov>; ttrabue@psc.dc.gov <ttrabue@psc.dc.gov>; twinkle.cavanaugh@psc.alabama.gov <twinkle.cavanaugh@psc.alabama.gov>; valerie.means@state.mn.us <valerie.means@state.mn.us>; will.mcadams@puc.texas.gov <will.mcadams@puc.texas.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>

Alarm: Display the following message 15m before start

Reminder

From: Christina Kurre <ckurre@advancedenergyunited.org>
Cc: "Staci.Rubin@state.ma.us" <staci.rubin@mass.gov>

Subject: Canceled: Dinner with Advanced Energy United and Commissioners

Date: Fri, 12 May 2023 17:59:32 +0000

Importance: Normal **Attachments:** unnamed

Event: Canceled: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-07-17 23:00:00 +0000

End Date: 2023-07-18 01:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Taverna 258 W. 2nd Street Austin, TX 78701

Class: X-PERSONAL

Date Created: 2023-05-12 17:58:36 +0000

Date Modified: 2023-05-12 18:00:37 +0000

Priority: 5

DTSTAMP: 2023-05-12 17:59:32 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Alarm: Display the following message 15m before start

Reminder

From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "james.vannostrand@mass.gov" <james.vannostrand@mass.gov>

Subject: Idea to run by you

Date: Tue, 13 Jun 2023 18:27:29 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

I hope you're having a good week! I had an idea to run by you. We often do educational sessions for PUCs around the country on topics of their interest, bringing in commissioners or staff from other states and other experts as appropriate to help frame issues, highlight emerging best practices from around the country, and answer questions. The sessions are commissioners and staff-only and you would be free to invite whoever you wanted. When we did this for the NJ BPU, for example, they chose to invite commissioners, BPU staffers and relevant folks from their governor's office. For the sessions, we can do either single sessions (typically 1 hour) or a session series (eg. 3 sessions, each 1-hr, spread over a few months). One topic we thought might be of interest to MA is future of gas. If that is indeed of interest, we would work with you and your team to figure out which sub-topics would be of highest interest to cover (non-exhaustive list of potential topics below):

i. non-pipeline alternative (NPA) programs to avoid or defer gas system spending

ii. integrated gas & electric planning

iii. utility business model reforms for gas utilities

iv. grid reliability and gas supply issues

v. energy efficiency, demand response and time-varying rates to flatten demand profiles and address winter peaks

iv. role for alternative fuels like renewable natural gas and hydrogen

If you'd like to explore this further, I'd be happy to set up a call sometime in the next few weeks.

Warm regards, Hannah

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1010 Vermont Ave. NW, Suite 1050, Washington, D.C. 20005

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

To: "Hannah Polikov" <hpolikov@advancedenergyunited.org>

Subject: Megan Gilman

Date: Wed, 21 Jun 2023 20:22:13 +0000

Importance: Normal

Inline-Images: image001.png

Hannah-

Megan and I are on the same panel at a Conveners Network, States Deployment Initiative conference in Chicago next Tuesday. (Dale Bryk invited me.) So I will get a chance to meet her then. Thanks, Hannah.

Best, Jamie

James M. Van Nostrand

Chair, Massachusetts Department of Public Utilities 1 South Station Boston, MA 02110 james.vannostrand@mass.gov (617) 305-3540



From: "VanNostrand, James (DPU)" <James.VanNostrand@mass.gov>
To: "Cellucci, Elizabeth (DPU)" <Elizabeth.Cellucci@mass.gov>

Cc: "Rubin, Staci (DPU)" < staci.rubin@mass.gov>

Subject: RE: Public Utility Commission Fellowship Opportunity

Date: Sat, 24 Jun 2023 00:11:31 +0000

Importance: Normal

Thanks, Liz.

From: Cellucci, Elizabeth (DPU) < Elizabeth. Cellucci@mass.gov>

Sent: Friday, June 23, 2023 5:31 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Cc: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: RE: Public Utility Commission Fellowship Opportunity

Done. Just sent an email to Jessica Bell. I'll try to connect with her next week.

From: VanNostrand, James (DPU) < <u>James.VanNostrand@mass.gov</u>>

Sent: Friday, June 23, 2023 5:27 PM

To: Cellucci, Elizabeth (DPU) < Elizabeth.Cellucci@mass.gov>

Cc: Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: FW: Public Utility Commission Fellowship Opportunity

Liz-

I would like to pursue the opportunity to get a fellow from NYU. Please follow up with Jessica Bell. Thanks.

Best, Jamie

From: Christina Kurre < ckurre@advancedenergyunited.org>

Sent: Thursday, June 22, 2023 2:32 PM

To: Tohme, Kate (DPU) < kate.tohme@mass.gov; Rubin, James (DPU) < James.VanNostrand@mass.gov; Rubin,

Staci (DPU) < staci.rubin@mass.gov>

Cc: Hannah Polikov < hpolikov@advancedenergyunited.org Subject: Public Utility Commission Fellowship Opportunity

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand, Commissioner Rubin, and Kate,

I hope you are having a good week. I am reaching out to let you know that NYU Law School is expanding an existing fellowship program they run to now include state Public Utility Commissions.

The program sponsors fellows to work full-time for at least 1 year at Public Utility Commissions across the country to work on topics chosen by the Commission. Fellows can be lawyers or non-lawyers depending on the Commission's needs. The Louisiana Public Service Commission will host the first Commission fellow and NYU Law School is now

looking for additional states who may be interested. Additional information can be found on the website: https://stateimpactcenter.org/ag-work/fellows-program

If you would be interested in having a fellow or have any questions, please contact Jessica Bell (jessica.bell@nyu.edu).

Best, Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Cellucci, Elizabeth (DPU)" <Elizabeth.Cellucci@mass.gov>, "VanNostrand, James (DPU)"

<James.VanNostrand@mass.gov>

Subject: Re: Public Utility Commission Fellowship Opportunity

Date: Fri, 23 Jun 2023 23:28:10 +0000

Importance: Normal

Thank you!

Staci Rubin (she/her)

Commissioner

Massachusetts Department of Public Utilities

One South Station, 5th Floor

Boston, MA 02110

Staci.Rubin@mass.gov

617-305-3595

From: Cellucci, Elizabeth (DPU) < Elizabeth. Cellucci@mass.gov>

Sent: Friday, June 23, 2023 5:30:42 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Cc: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: RE: Public Utility Commission Fellowship Opportunity

Done. Just sent an email to Jessica Bell. I'll try to connect with her next week.

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Sent: Friday, June 23, 2023 5:27 PM

To: Cellucci, Elizabeth (DPU) < Elizabeth. Cellucci@mass.gov>

Cc: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: FW: Public Utility Commission Fellowship Opportunity

Liz—

I would like to pursue the opportunity to get a fellow from NYU. Please follow up with Jessica Bell. Thanks.

Best, Jamie

From: Christina Kurre < ckurre@advancedenergyunited.org>

Sent: Thursday, June 22, 2023 2:32 PM

To: Tohme, Kate (DPU) < kate.tohme@mass.gov; Rubin, James (DPU) < James.VanNostrand@mass.gov; Rubin,

Staci (DPU) < staci.rubin@mass.gov>

Cc: Hannah Polikov < hpolikov@advancedenergyunited.org Subject: Public Utility Commission Fellowship Opportunity

Dear Chair Van Nostrand, Commissioner Rubin, and Kate,

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If you would be interested in having a fellow or have any questions, please contact Jessica Bell (jessica.bell@nyu.edu).

Best, Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" <James.VanNostrand@mass.gov>, "Rubin, Staci (DPU)"

<staci.rubin@mass.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org**Subject:** Re: Public Utility Commission Fellowship Opportunity

Date: Mon, 26 Jun 2023 15:49:42 +0000

Importance: Normal

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Dear Chair Van Nostrand,

I am glad to hear Massachusetts is looking into hosting a fellow. Please let me know if you have any questions.

Best,

Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>

Sent: Friday, June 23, 2023 5:25 PM

To: Christina Kurre <ckurre@advancedenergyunited.org>; Rubin, Staci (DPU) <staci.rubin@mass.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org **Subject:** RE: Public Utility Commission Fellowship Opportunity

Thanks for reaching out, Christina. I would definitely be interested in hosting a fellow, and will have someone from our staff reach out to Jessica Bell. Thanks for forwarding the opportunity to us.

BTW, Kate Tohme (sadly) is no longer with the agency; she went to New Leaf Energy earlier this month.

Best, Jamie

From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Thursday, June 22, 2023 2:32 PM

To: Tohme, Kate (DPU) <kate.tohme@mass.gov>; VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; Rubin,

Staci (DPU) <staci.rubin@mass.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org **Subject:** Public Utility Commission Fellowship Opportunity

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Dear Chair Van Nostrand, Commissioner Rubin, and Kate,

I hope you are having a good week. I am reaching out to let you know that NYU Law School is expanding an existing fellowship program they run to now include state Public Utility Commissions.

The program sponsors fellows to work full-time for at least 1 year at Public Utility Commissions across the country to work on topics chosen by the Commission. Fellows can be lawyers or non-lawyers depending on the Commission's needs. The Louisiana Public Service Commission will host the first Commission fellow and NYU Law School is now looking for additional states who may be interested. Additional information can be found on the website: https://stateimpactcenter.org/ag-work/fellows-program

If you would be interested in having a fellow or have any questions, please contact Jessica Bell (jessica.bell@nyu.edu).

Best, Christina

Christina Kurre (she/her)
Associate
Advanced Energy United
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e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

To: "Gardiner, Lynn (DPU)" < Lynn. Gardiner@mass.gov>

Subject: FW: CT/MA Connection

Date: Mon, 21 Aug 2023 16:31:28 +0000

Importance: Normal

Inline-Images: image002.png; image003.png; image004.png; image005.png; image006.png

Please work with Robin to set up a meeting time with Chair Gillett. Thanks.

Best, Jamie

From: Gillett, Marissa < Marissa. Gillett@ct.gov> Sent: Monday, August 21, 2023 12:26 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Subject: RE: CT/MA Connection

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon, and happy Monday 😊



Absolutely, and equal apologies on my side for the lack of follow-up. These days I feel like I only remember to react to what's right in front of me, so I apologize about that.

I would welcome the opportunity to connect. I had a great conversation with Staci and really look forward to collaborating with you all more.

My scheduler (Robin – he/him) can be reached at <u>Ussawin.bumpen@ct.gov</u>, and I'll give him the heads-up that Lynn will be reaching out. I will regrettably miss seeing you all for the NECPUC meeting at the end of September, as I had another board meeting commitment crop up for the same days ahead of time.

Looking forward to connecting. Best, Marissa

Marissa P. Gillett

Chairman

CT Public Utilities Regulatory Authority (PURA) p: 860-827-2628 e: marissa.gillett@ct.gov

www.ct.gov/pura









From: VanNostrand, James (DPU) < <u>James.VanNostrand@mass.gov</u>>

Sent: Saturday, August 19, 2023 5:59 PM

To: Gillett, Marissa < Marissa.Gillett@ct.gov >

Subject: RE: CT/MA Connection

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Chair Gillett—

Sorry for the delay in following up, but I would like to connect with you regarding the various initiatives you are undertaking in Connecticut. I think you have previously connected with my colleague, Staci Rubin.

Please let me know if you are interested in meeting, and I can have my secretary, Lynn Gardiner, follow up with your scheduler to get something on our respective calendars.

Best, Jamie

James M. Van Nostrand

Chair, Massachusetts Department of Public Utilities 1 South Station Boston, MA 02110 james.vannostrand@mass.gov (617) 305-3540



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, July 13, 2023 10:54 AM

To: Gillett, Marissa < Marissa.Gillett@ct.gov; VanNostrand, James (DPU) < James.VanNostrand@mass.gov>

Subject: CT/MA Connection

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Gillett,

I'd like to connect you with MA Chair Jamie Van Nostrand (cc'ed here). I think your paths crossed briefly at our offshore wind virtual session and at NECPUC but I wanted to more directly connect you here by way of email. I've shared with Chair Van Nostrand the great work you've been doing in CT and he's interested in learning more, especially around PBR. I'll let you two take it from here!

Warm regards, Hannah Managing Director

Advanced Energy United
Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

To: "Gillett, Marissa" < Marissa. Gillett@ct.gov>

Subject: RE: CT/MA Connection

Date: Tue, 22 Aug 2023 16:26:43 +0000

Importance: Normal

Inline-Images: image001.png; image002.png; image003.png; image004.png; image005.png

Robin and Lynn have connected to get a meeting on our respective calendars. See you soon. Thanks, Marissa.

Best, Jamie

From: Gillett, Marissa < Marissa. Gillett@ct.gov> Sent: Monday, August 21, 2023 12:26 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Subject: RE: CT/MA Connection

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Good afternoon, and happy Monday 😊



Absolutely, and equal apologies on my side for the lack of follow-up. These days I feel like I only remember to react to what's right in front of me, so I apologize about that.

I would welcome the opportunity to connect. I had a great conversation with Staci and really look forward to collaborating with you all more.

My scheduler (Robin – he/him) can be reached at <u>Ussawin.bumpen@ct.gov</u>, and I'll give him the heads-up that Lynn will be reaching out. I will regrettably miss seeing you all for the NECPUC meeting at the end of September, as I had another board meeting commitment crop up for the same days ahead of time.

Looking forward to connecting. Best, Marissa

Marissa P. Gillett

Chairman

CT Public Utilities Regulatory Authority (PURA) p: 860-827-2628 e: marissa.gillett@ct.gov

www.ct.gov/pura











From: VanNostrand, James (DPU) < <u>James.VanNostrand@mass.gov</u>>

Sent: Saturday, August 19, 2023 5:59 PM

To: Gillett, Marissa < Marissa.Gillett@ct.gov >

Subject: RE: CT/MA Connection

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Chair Gillett—

Sorry for the delay in following up, but I would like to connect with you regarding the various initiatives you are undertaking in Connecticut. I think you have previously connected with my colleague, Staci Rubin.

Please let me know if you are interested in meeting, and I can have my secretary, Lynn Gardiner, follow up with your scheduler to get something on our respective calendars.

Best, Jamie

James M. Van Nostrand

Chair, Massachusetts Department of Public Utilities 1 South Station Boston, MA 02110 james.vannostrand@mass.gov (617) 305-3540



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Thursday, July 13, 2023 10:54 AM

To: Gillett, Marissa < Marissa.Gillett@ct.gov; VanNostrand, James (DPU) < James.VanNostrand@mass.gov>

Subject: CT/MA Connection

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Dear Chair Gillett,

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Warm regards, Hannah Managing Director

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Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

To: "Matt McDonnell" <mmcdonnell@strategen.com>

Subject: RE: MA/ Strategen Intro

Date: Thu, 20 Jul 2023 18:18:09 +0000

Importance: Normal

Inline-Images: image001.png; image002.png; image003.png

Matt-

Nice to meet you. Unfortunately, I decided not to make the trip to Austin this week. I remain interested in gas decarbonization. As you may know, I worked with a Strategen team with Sierra Club in an Avista rate case at the WUTC, where we worked on phasing down the natural gas business. (I was Of Counsel at Keyes & Fox at the time.) I would welcome the opportunity to get your thoughts on the natural gas transition sometime.

Best, Jamie

From: Matt McDonnell <mmcdonnell@strategen.com>

Sent: Friday, July 14, 2023 7:35 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Subject: RE: MA/ Strategen Intro

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Thanks, Hannah, for the warm introduction! (moving you to bcc)

Chair Van Nostrand,

Pleasure to make your acquaintance. I'd certainly enjoy an opportunity to meet and trade notes on PBR and gas decarbonization (among other topics) in Austin if that is of interest. My schedule remains relatively flexible on Monday and Tuesday morning.

All my best,

Matt

Matthew McDonnell

Executive Vice President, Head of Consulting Services Partner he/him



<u>+1 510 369 5931</u> (Main – US) +1 313 657 8982 (Mobile – US)



From: Hannah Polikov < hpolikov@advancedenergyunited.org >

Sent: Friday, July 14, 2023 2:32 PM

To: VanNostrand, James (DPU) < <u>james.vannostrand@mass.gov</u>>; Matt McDonnell < <u>mmcdonnell@strategen.com</u>>

Subject: MA/ Strategen Intro

CAUTION: EXTERNAL EMAIL

Dear Chair Van Nostrand,

I'd like to introduce Matthew McDonnell (cc'ed here), Partner & Executive Vice President, Head of Consulting Services at Strategen. He was the architect behind Hawaii's groundbreaking PBR docket when he was general counsel for the PUC there and of late he's been advising CT PURA on their PBR efforts. Matt is also deep on future of gas issues. In short, he's a terrific resource and also a pleasure to work with! I'll let you two take it from here.

Warm regards, Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org
o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "Staci.Rubin@state.ma.us" <staci.rubin@mass.gov>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "Valcq, Rebecca" <Rebecca.Valcq@wisconsin.gov>, Davante Lewis <davante.lewis@la.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org, Sarah Steinberg ssteinberg@advancedenergyunited.org, Bradley Cebulko bcebulko@strategen.com, "Sotero, Maria" Maria.Sotero@cpuc.ca.gov

Subject: Commissioners Equity Cohort July 24th Call and Slide Deck

Date: Thu, 20 Jul 2023 21:39:19 +0000

Importance: Normal

Attachments: Institute Commissioners Equity Cohort Slides July 2023.pdf

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Good afternoon Commissioners,

I hope that everyone is having a good summer! It was a pleasure seeing many of you at the Summer NARUC Conference in Austin earlier this week.

We are looking forward to our Q3 Commissioners Equity Cohort virtual meeting this coming **Monday, July 24th 12-2pm PST/3-5pm EST**. This discussion will be held via Zoom. Please join by video using this link, which is included in the calendar invitation.

Our Q3 call will focus on **Equity in the Gas Transition** with presentations from <u>Brad Cebulko</u> of Strategen and California Commissioner John Reynolds. While no preparation is required for this session, **you're welcome to review the slide deck (attached) in advance and think about the questions posed on slides 12, 23, 34, and 37.**

Please let us know if you have any questions in advance of the meeting.

Warmly,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited





Equity in the Gas Transition: Problems, Solutions, and Case Studies

Agenda

All times shown in ET

3:00-3:25pm Welcome, Setting the Stage and Opening Round-the-Horn Sophie Watterson, Policy Associate, Advanced Energy United Sarah Steinberg, Policy Director, Advanced Energy United 3:25-3:40pm Problems and Solutions for an Equitable Gas Transition Brad Cebulko, Senior Manager, Strategen 3:40-4:05pm Discussion 4:05-4:20pm Equity in the Gas Transition in Action: Case Studies Commissioner John Reynolds, California Public Utilities Commission 4:20-4:45pm Discussion 4:45-5:00pm Wrap-Up, Key Take-Aways, and a Look Ahead Hannah Polikov, Managing Director, Advanced Energy United Sophie Watterson, Policy Associate, Advanced Energy United



About the Commissioners Equity Cohort

About the cohort:

14 commissioners from every region of the country, brought together quarterly for the next 2 years to learn and share ways to advance equity within PUCs

Our promise to you:

To use your time effectively and efficiently

To bring you actionable ideas

To keep it engaging



Cohort Guidelines

Participate in quarterly virtual cohort meetings

Please share your feedback with us so that we may continually improve and co-create a useful space

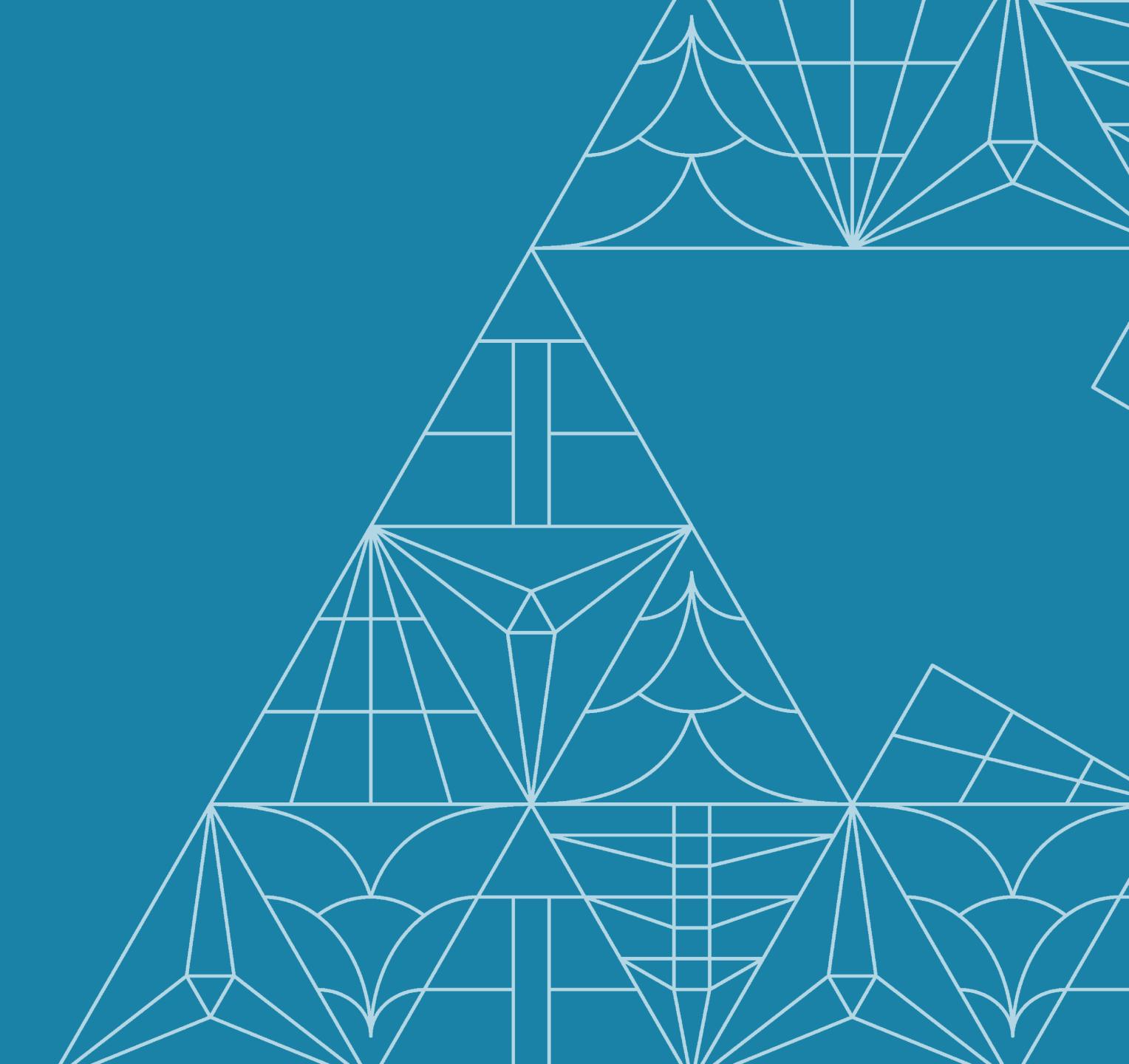
Chatham House rules

Participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed

- Keep video on
- Use the "raise hand" feature during our conversation
- Please keep comments concise



Setting the Stage Sarah Steinberg, Director Advanced Energy United



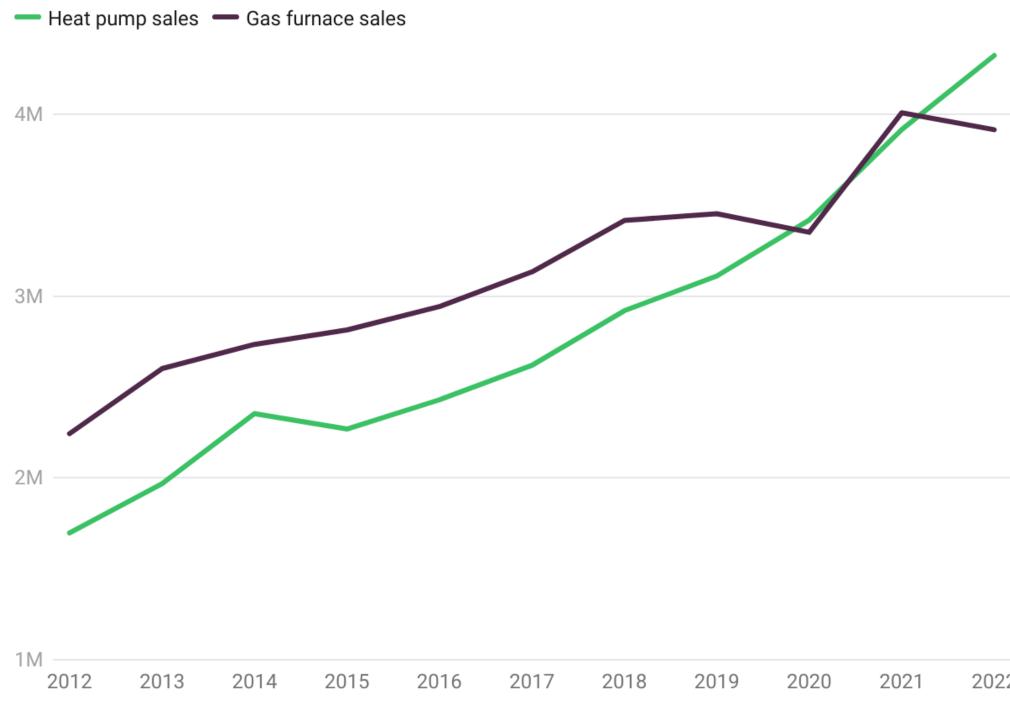


Q2 meeting recap: A combination of factors are changing demand for natural gas in buildings

Factors:

- Economy-wide state and local decarbonization policies
- Increasing and volatile gas prices
- Cost-competitive electric appliances (e.g. heat pumps, induction cooktops) with federal incentives
- New research on health impacts from indoor air pollution

Heat pump sales in U.S. surged past gas furnaces in 2022

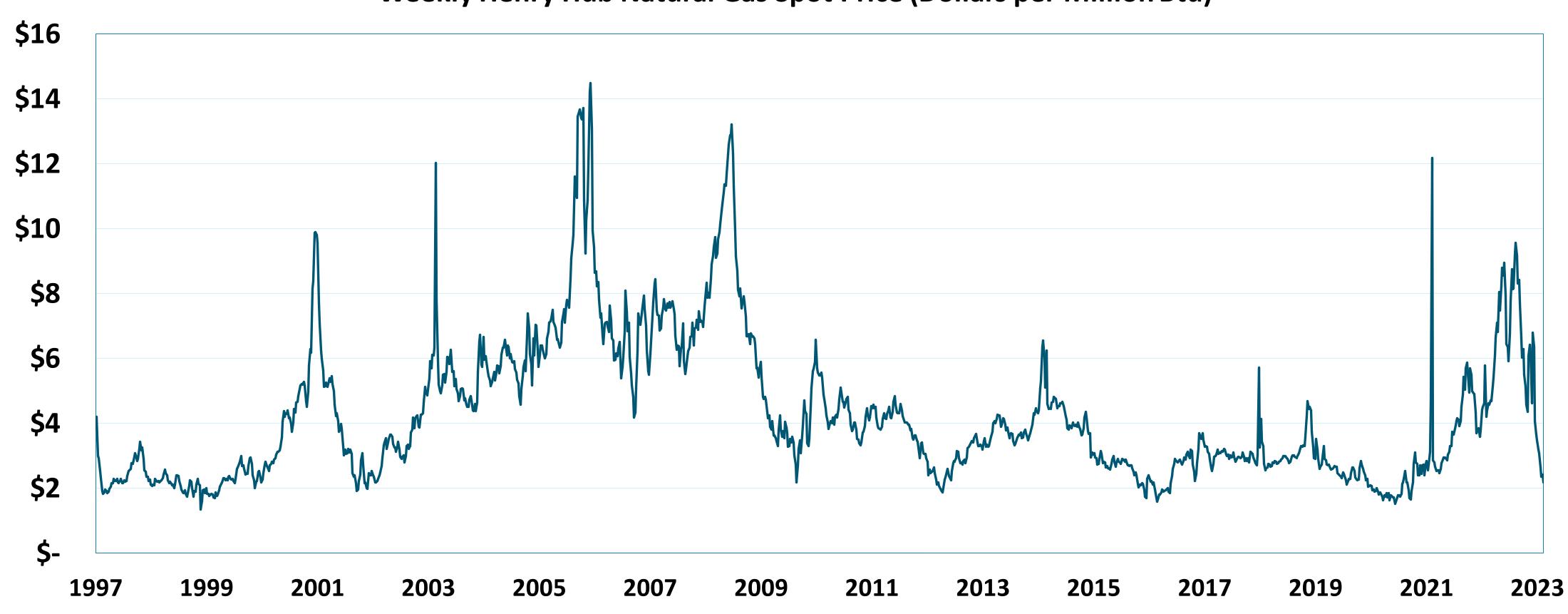


2022 figures include sales data for Jan-Nov and projected sales for Dec.
Chart: Canary Media • Source: Air-Conditioning, Heating, and Refrigeration Institute



Gas price volatility is especially harmful to those who are energy burdened, makes budgeting difficult

Weekly Henry Hub Natural Gas Spot Price (Dollars per Million Btu)

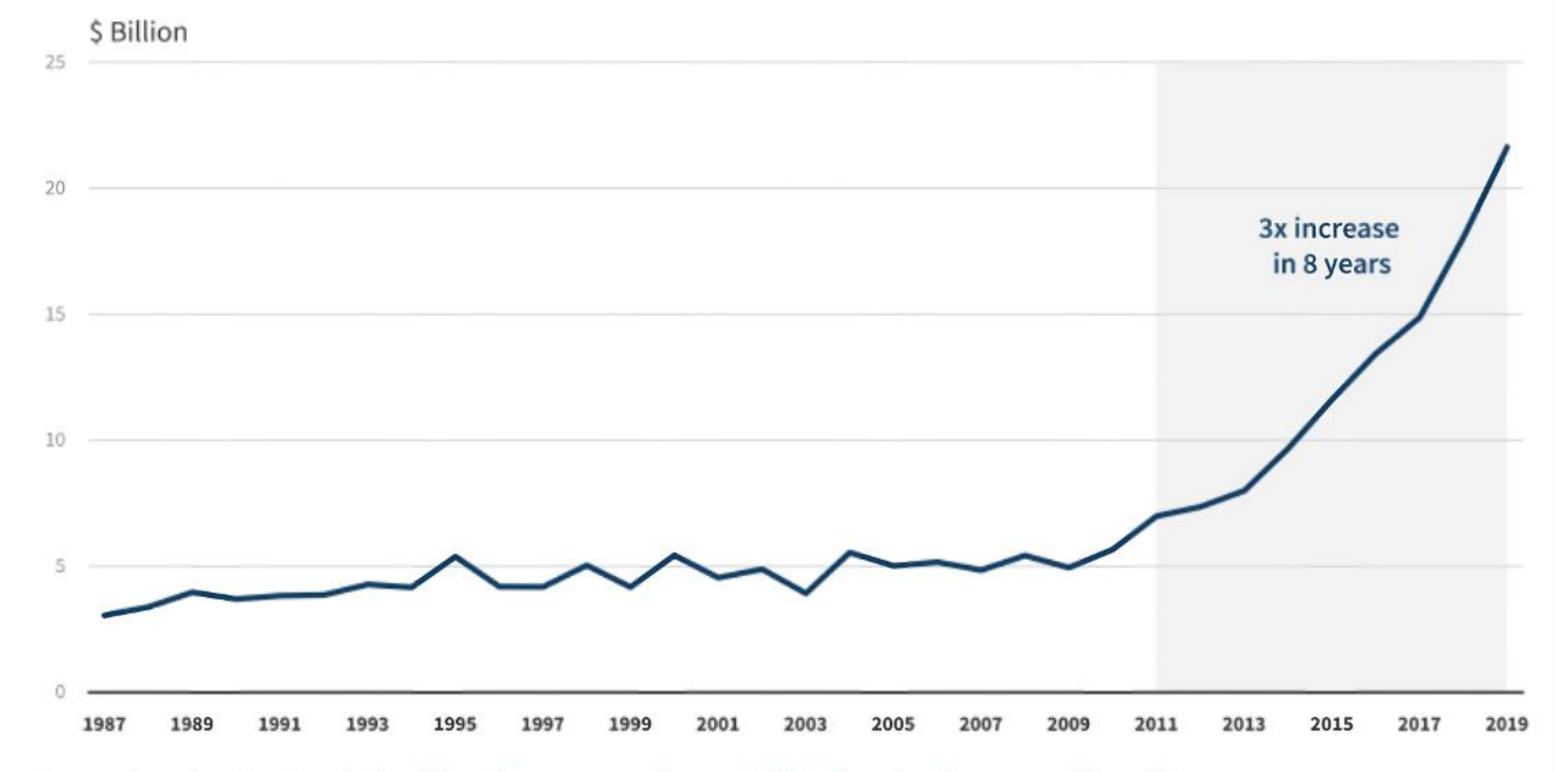




Spending on the gas distribution system is rapidly increasing

Utility spending on the gas distribution system has grown rapidly in recent years

US gas utility distribution system construction expenditures, 1987-2019



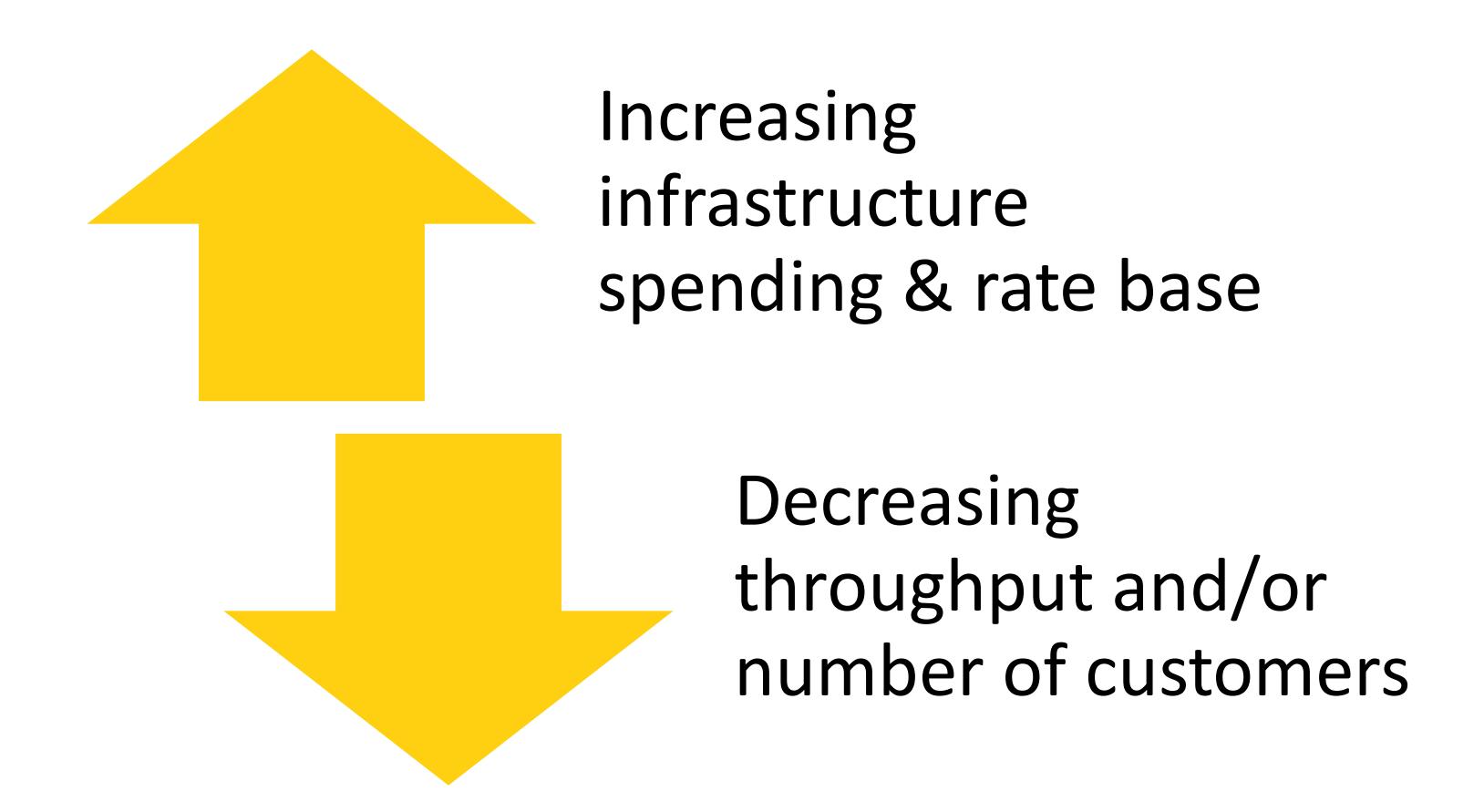
But looking ahead:

Gas sales and number of gas customers will decrease with electrification and efficiency





We are entering a new era of *heightened risk*, which will disproportionately fall on low-income and vulnerable customers





Analyses from Michigan, Maryland, and California

In Maryland:

- "...gas utility customers should prepare for gas utility rates to spiral upward, doubling or tripling 2021 levels by 2035, and, by 2050, potentially reaching levels more than 10 times higher"
- Source: Climate Policy for Maryland's Gas Utilities: Financial Implications (Maryland Office of People's Counsel, 2022)

In Michigan:

- "The total potential gas bill increases that Consumers' residential customers may experience, due to capital expenditures and electrification, trends up to approximately 49% by 2030"
- Source: Yet to be released Advanced Energy United Study!

In California:

- "Energy and Environmental Economics, on behalf of the California Energy Commission, has estimated that a managed and targeted approach to gas system retirements will reduce gas system costs by \$4 billion in 2050"
- Source: The Flipside Report: A White Paper on Targeted Geographic Electrification in California's Gas Transition (Building Decarbonization Coalition, 2021)



Regulatory tools to mitigate or prevent disproportionate impact

General cost-containment measures

- Long-term gas planning (and eventually, integrated gas and electric planning) for resource and infrastructure optimization
- Non-pipeline alternative (NPA) analyses
- Reform line extension allowances and pipeline replacement programs
- Realign gas utility financial incentives (e.g. capex vs. opex spending)

Specific tools for low-income or vulnerable customers

- Rate design (electric and gas)
- Direct bill assistance
- Utility efficiency and appliance rebate programs
- Neighborhood decarbonization/zonal electrification





What is your biggest and most pressing equity concern about the future of gas in the built environment?

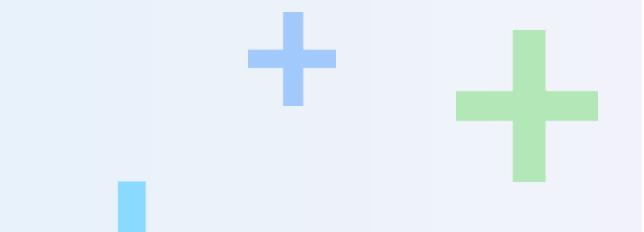






Problems and Solutions for an Equitable Gas Transition

Brad Cebulko | July 24, 2023

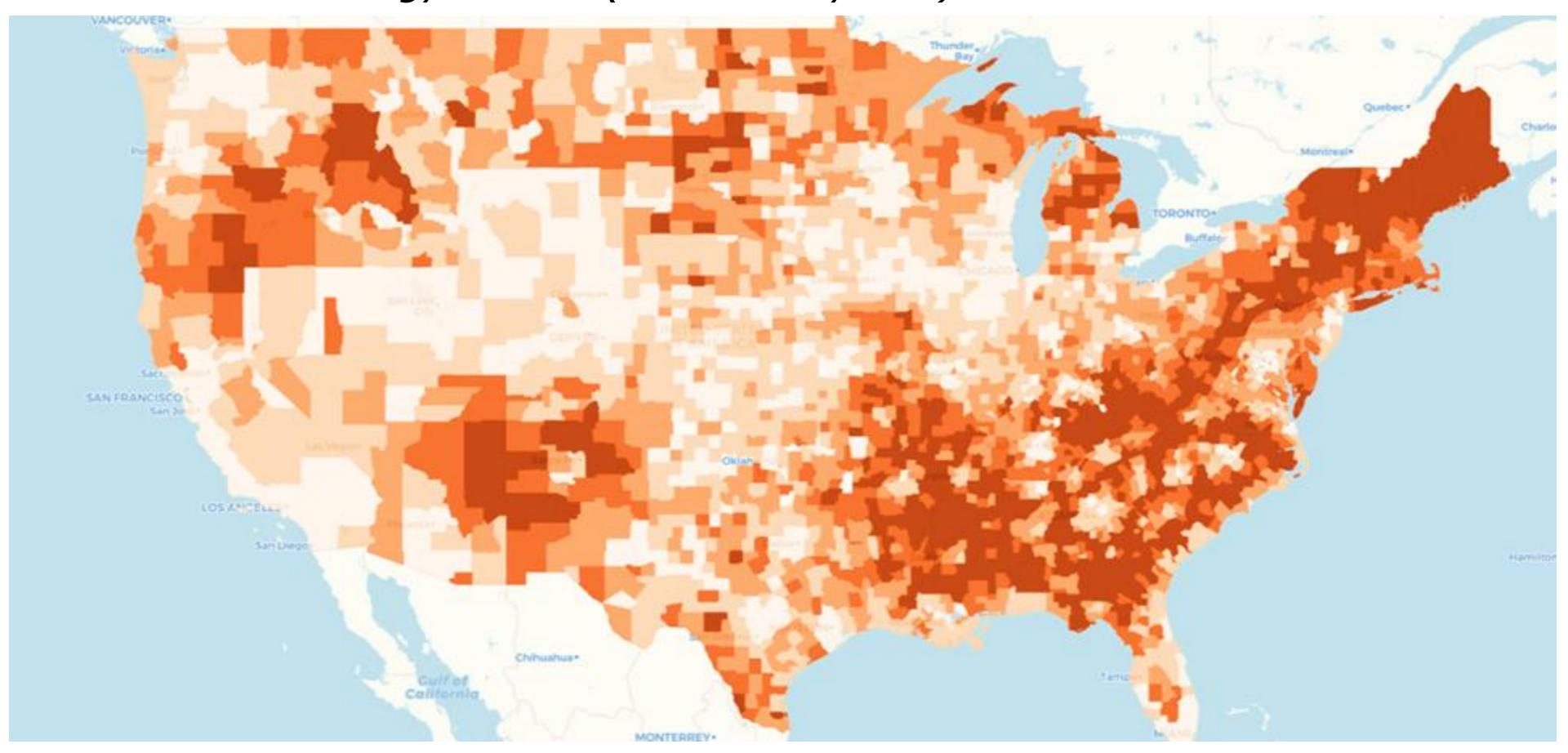






Customers are already energy-burdened, with the impact disproportionately concentrated in low-income households.

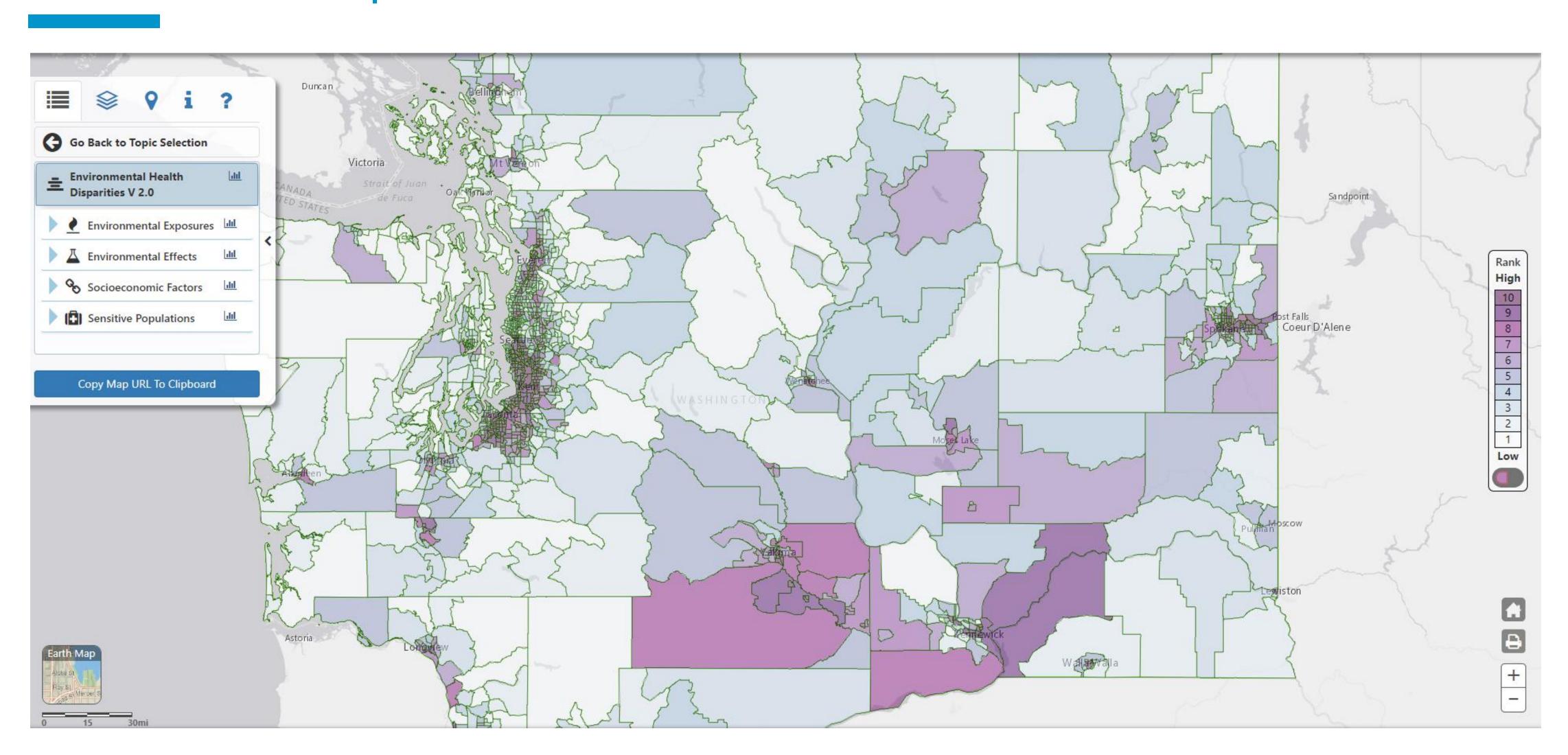




The lightest color in the choropleth scale is <6% of annual income spent on housing energy bills, and the darkest is >19%.



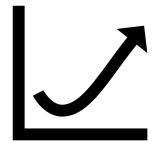
Certain communities have experienced disproportionately higher health and environmental impacts.



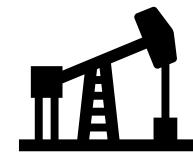


As the gas system transitions, existing inequities may be exacerbated.

Potential outcomes caused by the gas transition:



Decreasing throughput increases rates, exacerbating energy burden.



Stranded assets saddle remaining customers with extraordinary additional costs.



Low-income customers are the least likely to be able to afford fuel switching and thus are most exposed to risks.



Regulators will need to help maintain customer affordability, preserve utility financial health, and achieve state policy goals.

Considering Equity in Gas System Planning and Decision-making

- Incorporate equity considerations into all utility planning, investment decisions, and prudence determinations.
 - Define terms
 - Environmental Justice community mapping

Gas and Electric Rate Design

- As throughput declines, pressure to move towards higher customer charges for gas service
- Higher customer charges reduce economic price signals and harm low-income customers
- Gas and electric rates must be designed to encourage efficient load management



Incorporating Equity into Rate Design

- + Design gas and electric rates to meet all three objectives:
 - + Minimize system costs
 - + Minimize impacts to low-income customers
 - + Achieve state policy goals

+ Steps

- + First: Provide targeted weatherization and rate assistances to low-income customers to address energy burden
- + Second: Design rates that balance the three objectives
- + Third: Iterate because optimal rate designs will change during the gas transition
- + Example: Customer classes will likely electrify at different rates, making interclass cost allocation increasingly contentious. Shifting C&I costs to residential will further burden LMI customers.
- + Example: For a summer peaking electric utility, heating electrification will have more electric system benefits which will offset some electric costs.



Additional tools available to Commissions

- + General Costs Concerns managing short- and long-term rate impacts by focusing gas system spending
 - + Reduce bias toward capital expenditures
 - + Prioritize review of pipeline replacement plans
 - + Prioritize alternatives to traditional pipeline replacement programs
 - + Eliminate gas efficiency rebates
 - + Transition from gas efficiency rebates to electrification programs
 - + In the absence of robust electrification programs, maintain low-income gas efficiency assistance
 - + Ex. CPUC approved a transition to end energy efficiency incentives for measures that burn gas, and will focus on enhanced incentives for low-income gas customers

+ Equity Tools

- + Procedural and process equity
- + Providing direct assistance to low-income customers
 - + Develop low-income rate class
 - + Invest in weatherization programs



Key takeaways

- + Certain customers are already energy burdened or live in disproportionately impacted communities, and an unmanaged gas transition will exacerbate these historical inequities.
- + Commissions need to incorporate an equity review into all facets of utility planning and decision-making, as well as their own commission regulatory procedures.
- + Commissions should re-examine existing policies (i.e., pipeline replacement plans, rate design, weatherization programs) to ensure they are incentivizing optimal policy outcomes and not adding to future costs and risks



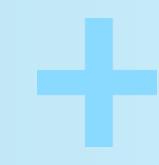
Next steps for Commissioners

- + Initiate an internal-to-the-PUC process to identify equity goals, desired outcomes, and tools to achieve goals and outcomes
 - + Develop a stakeholder engagement strategy to inform goals and outcomes
 - + Identify goals and outcomes for both the utility and the PUC
- Identify tools available to the PUC
 - + Separately identify which tools need rulemaking or legislative authority
- + Create a roadmap for modifying PUC practices and utility regulation
- + Examine current proceedings to determine how:
 - + PUC process can be improved upon (e.g., public participation?)
 - Utility investments/actions have disproportionate impact to highly impacted communities and low-income customers
- + Interrogate utility investment plans for stranded asset risks which will disproportionally affect low-income customers and disadvantaged communities



Thank you!

Email: bcebulko@strategen.com







1. What is your Commission's experience, if any, with low-income rates?

2. Has your Commission learned any lessons from electric distribution system planning that may be used to support equity in gas system planning?

3. Does your Commission have current or regular gas utility proceedings where you consider the impact of the transition on vulnerable communities? What are some key observations or takeaways?



Equity in Gas Transition in Action: Case Studies

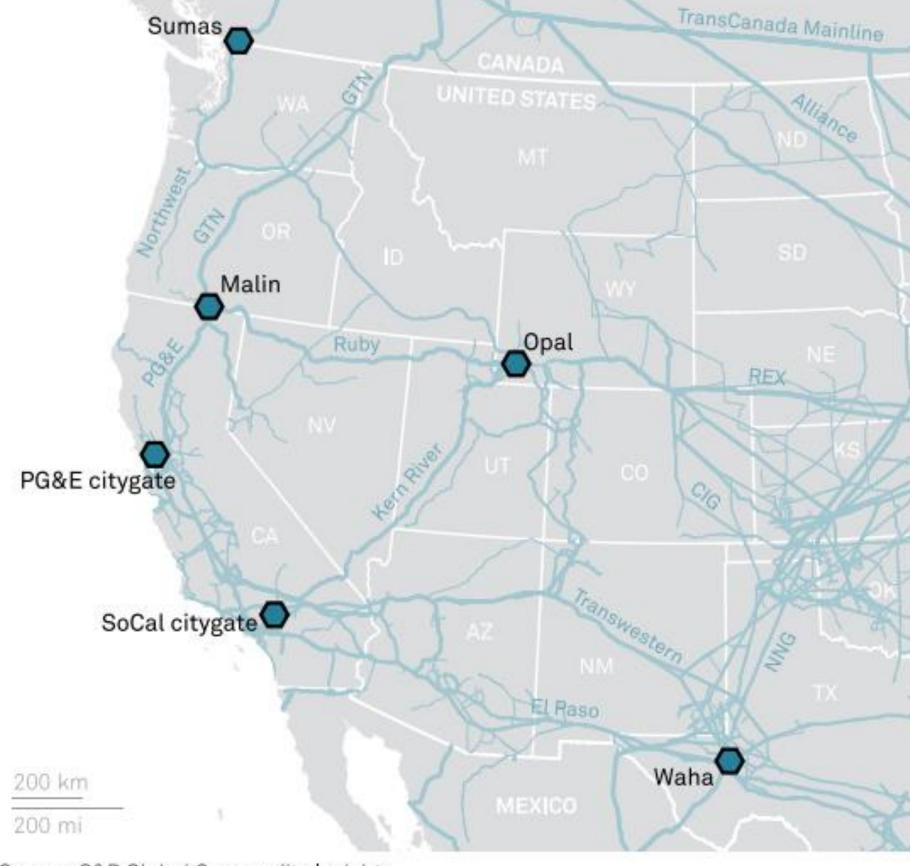
Equity and Gas Q3 discussion – California Commissioner John Reynolds



Natural Gas and Equity Issues in California

- Context and background
 - California remains a test bed for innovative gas transition strategies that center equity, while facing substantial challenges to a just transition
 - Affordability remains a profound concern and driver
 - Achieving electrification will require rate reform and serious focus on equity

Western gas pipeline network



Source: S&P Global Commodity Insights

Some issues to touch on:

- Local government action: Bans on new gas are being raised at the local level, but face legal challenges; stemming the tide of new gas will be a critical step
- Gas price spikes: Last winter's price spikes show California's vulnerability and heighten the push towards electrification
- Rate reform: Under statute, we're considering income-based fixed charges for electric rates
- Gas transition: (following slides) A range of examples and case studies show the challenges we face in preserving equity, reliability, and affordability in the transition

Gas Transition Examples & Case Studies

- Ending gas line extension subsidies: the CPUC recently ended all subsidies for gas line extensions, which must now be paid for by the requesting developer/customer
 - Reduces an inequitable subsidy, although does raise the importance of electrification incentives
- Gas energy efficiency transition: CPUC approved a transition to end energy efficiency gas incentives for measures that burn gas, and will focus on enhanced incentives for low income gas customers
 - Explicitly states a focus on ensuring low-income customers can transition

Gas Transition Examples & Case Studies

- Long term gas planning rulemaking: R.20-01-007 is considering comprehensive gas transition planning, including system pruning
 - Including plans for zonal electrification processes, which could help target the ways we transition (based on location or other factors)
 - Also considering new ways of recovering the costs of assets, which could help avoid stranding costs too far into the future
 - In short, getting costs off the system, and usage off the system, in a more equitable way

And a unique case... Santa Nella Case Study

- The Santa Nella subdivision is a former mobilehome park in the San Joaquin Valley whose gas provider intends to go out of business
- The CPUC considered various options to ensure service, and in April 2023 approved an innovative solution: providing the choice between new gas service or full electrification to each household

 PG&E will replicate a previous pilot program to provide outreach about electrification, support an informed choice, and report back

More details: https://www.cpuc.ca.gov/news-and-updates/all-news/cpuc-ensures-energy-reliability-for-santa-nella-community-2023

Santa Nella at a glance



Reflections and generally-applicable takeaways

- Focusing on low-income, vulnerable communities is important. We stand to learn a great deal about the challenges to electrification and how to overcome them, which benefits everyone and improves policymaking. Even if very few choose to electrify, they will learn about the possibility. Real, concrete benefits will be provided.
- Communities' voices, preferences, and needs matter. A forced transition was out of the question; providing time, information, and an informed choice is essential.
- **Small programs can be replicated.** The prior San Joaquin Valley DAC pilot program created practices that could be applied here; starting small can have unanticipated impacts.

Questions?





California Public Utilities Commission

John.Reynolds@cpuc.ca.gov

Maria.Sotero@cpuc.ca.gov (energy advisor)

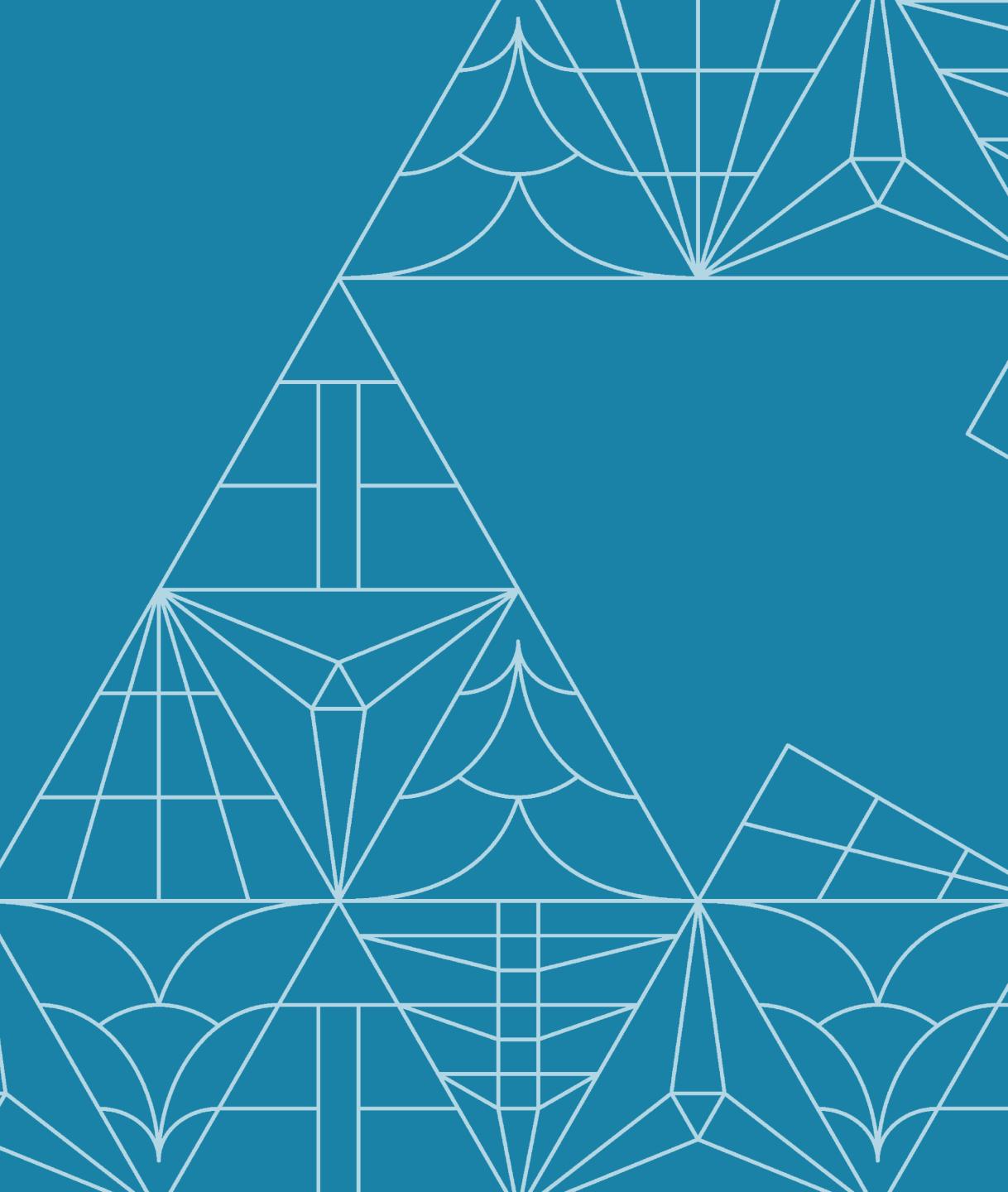
Discussion Questions:

1. Do other commissioners have similar or contrasting examples in their state they could share?

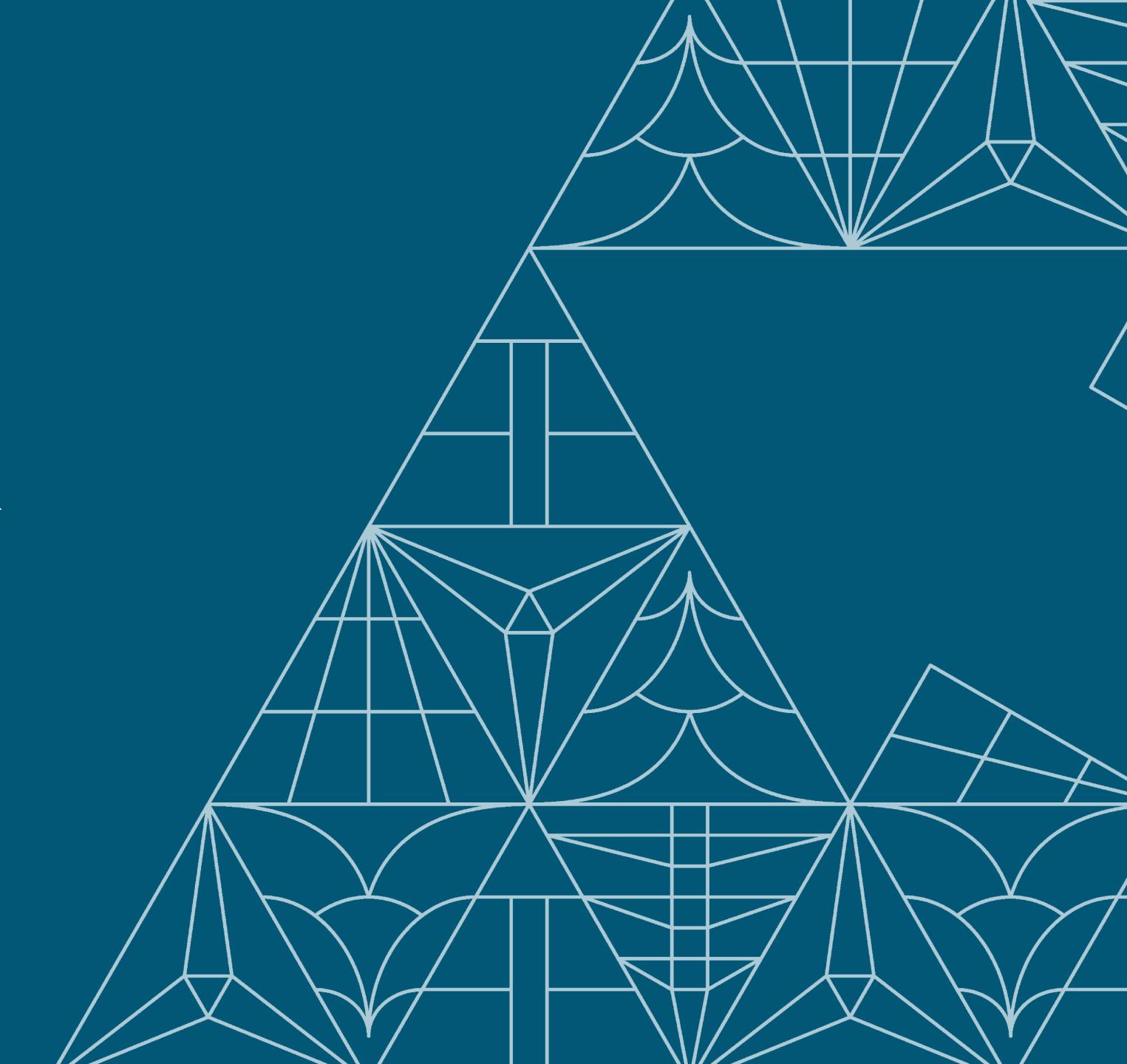
2. What other ratemaking tools are your Commissions considering – such as accelerated depreciation for gas assets — and how are you thinking about the equity issues they raise?

3. Is there anything you thought we'd highlight about California's experience that we didn't?





Wrap-Up Polling & Discussion





What would you do?

- It's 2028
- End of a line that is aging, very costly to repair
- Line serves low-income customers
- Federal incentives available
- No "obligation to serve" gas

Scenario 1: Dual Fuel Utility

Scenario 2: Single Fuel Utility Does your answer change?



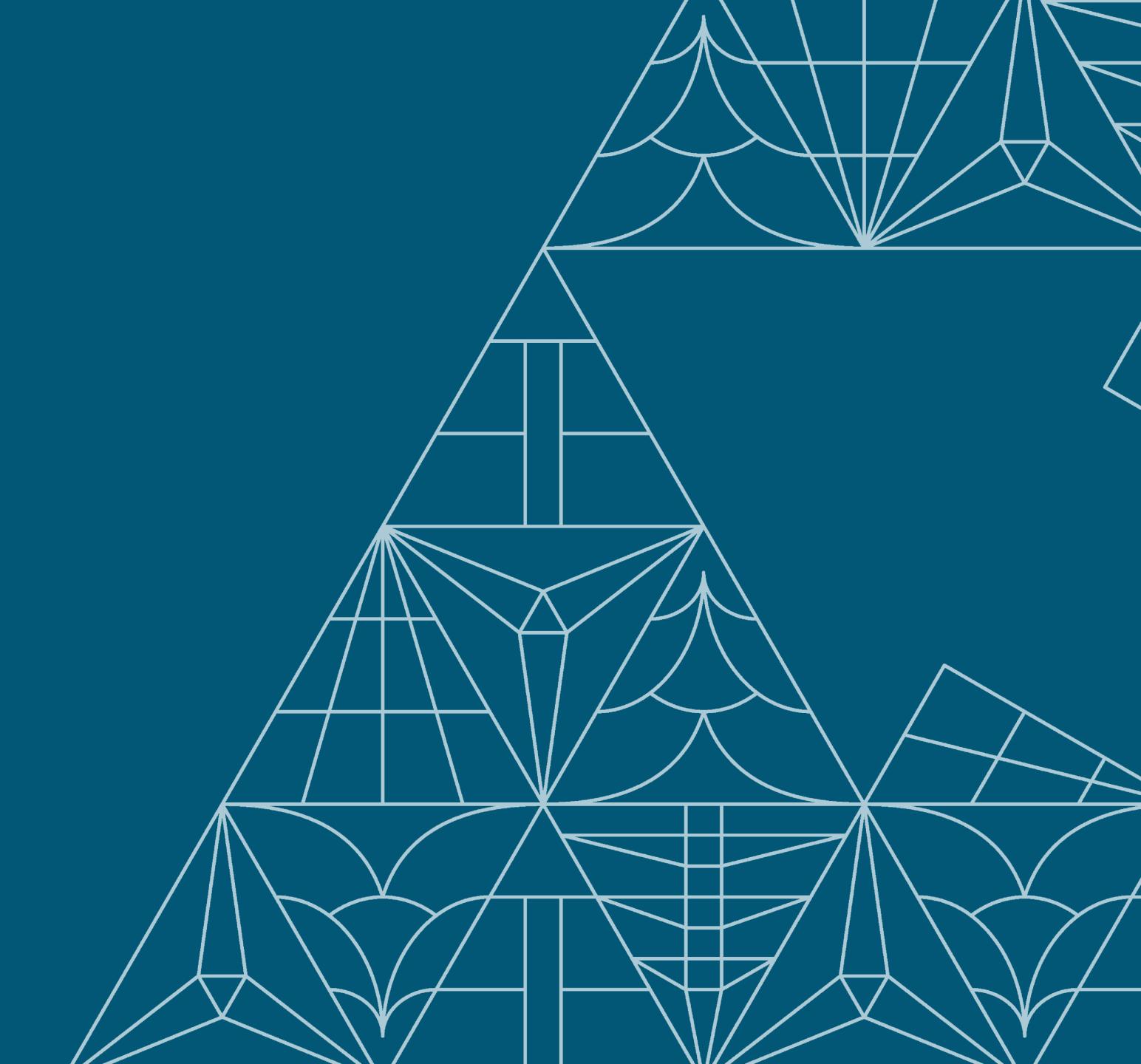


What's something you learned today and/or one idea from today that you're interested in exploring further?





A Look Ahead





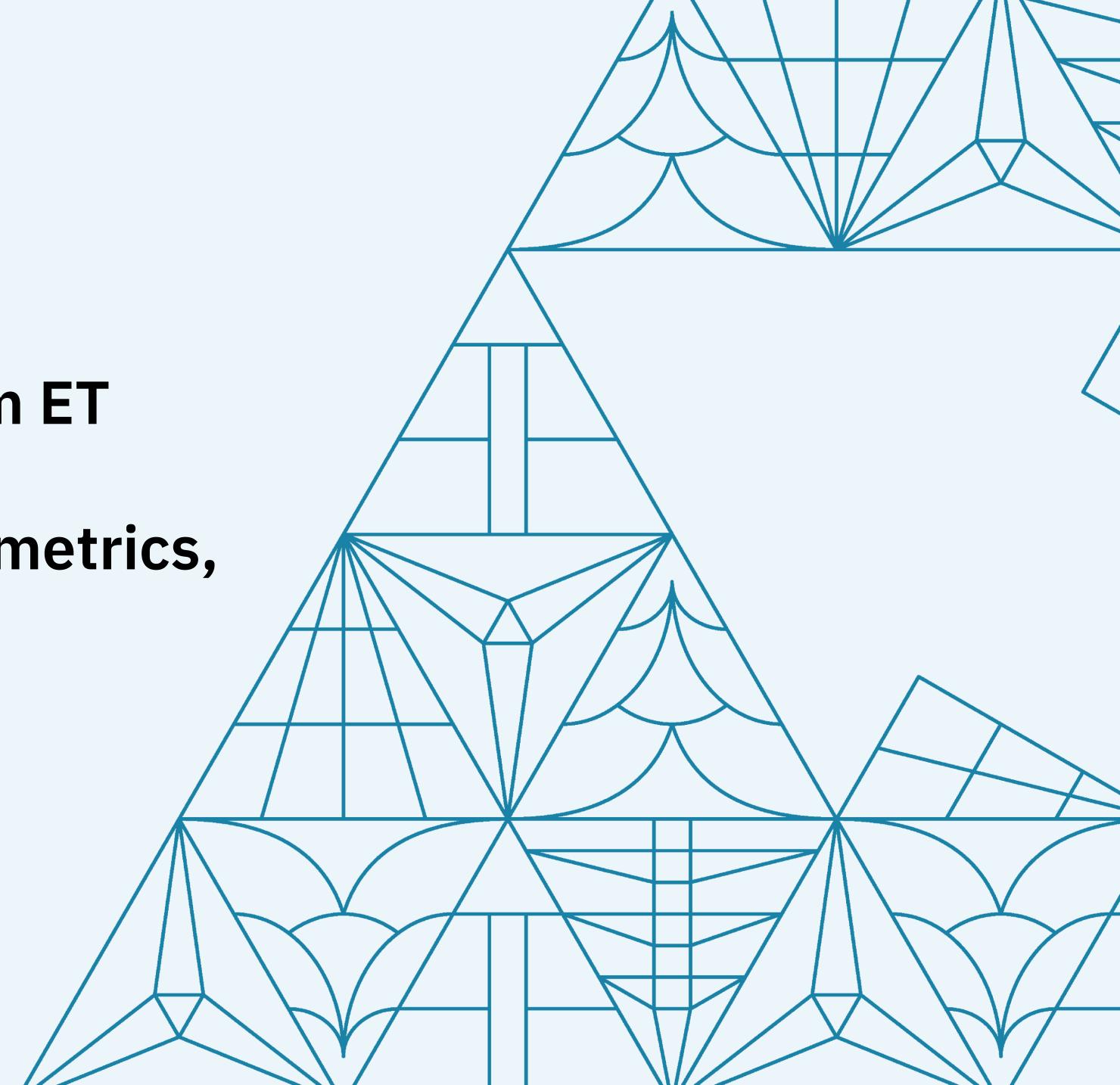
Thank you.

Next cohort meeting Friday, October 27th 9-10:30am PT/12-1:30pm ET

Topic: Developing equity metrics, utilizing data and tools



1010 Vermont Ave. NW, Suite 1050 Washington, D.C. 20005 advancedenergyinstitute.org



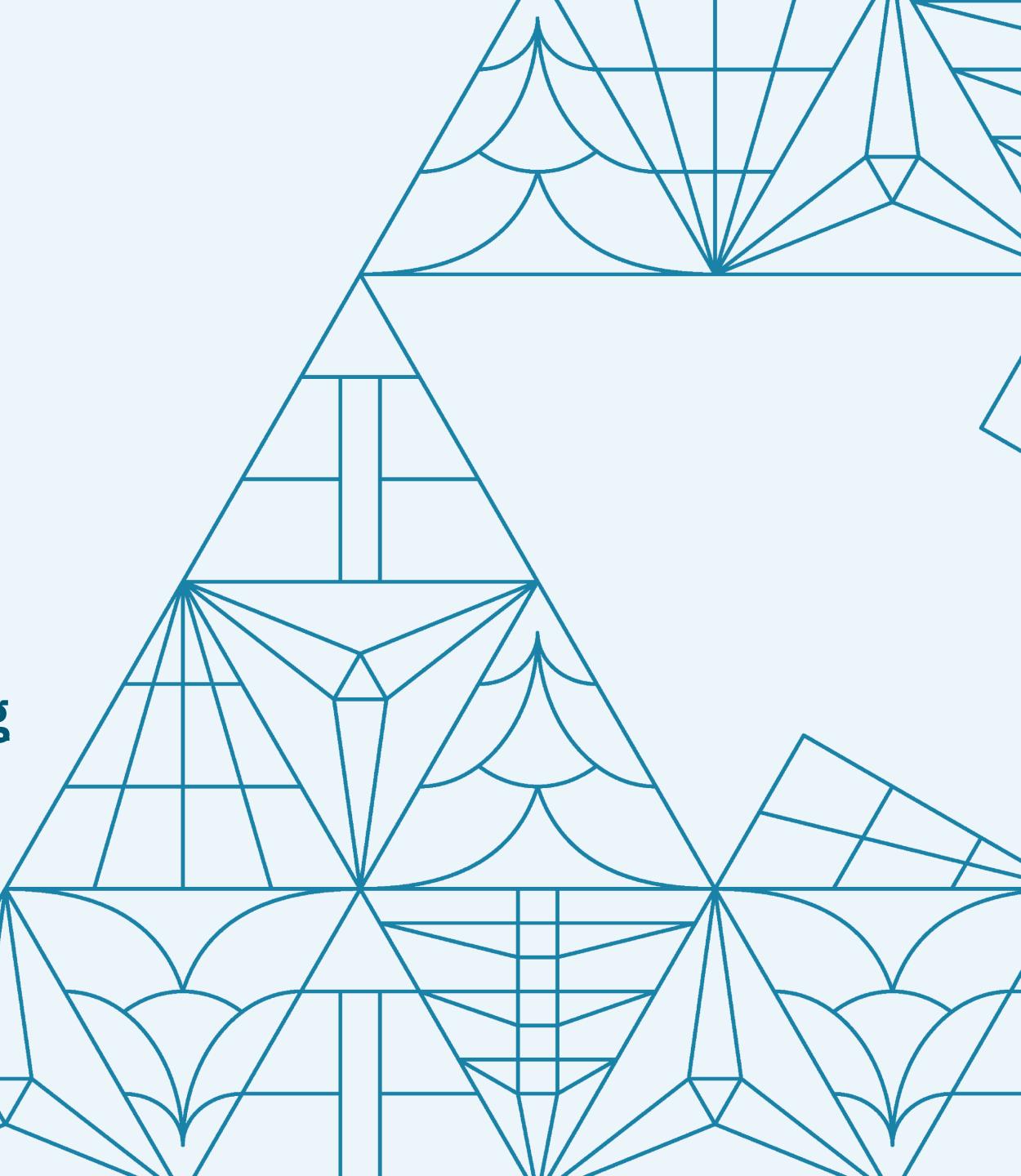
We welcome your feedback.

Hannah Polikov hpolikov@advancedenergyunited.org

Sophie Watterson swatterson@advancedenergyunited.org



1010 Vermont Ave. NW, Suite 1050 Washington, D.C. 20005 advancedenergyinstitute.org





IIJA/IRA investments are expected to accelerate the shift towards building electrification and away from gas

New rebate programs

\$4.3B HOMES rebate program for whole-home energy retrofits

\$4.3B HEEHRA rebate program for household electrification

Extended and expanded tax credits³

\$12B Energy efficient home improvement tax credit (25C)

\$22B Residential clean energy tax credit (25D)

\$2B New energy efficient homes credit (45L)

\$362M Efficient commercial buildings deduction (179D)



LMI-focused rebate programs for residential energy efficiency and electrification

Home Owner Managing Energy Savings (HOMES) Rebate Program (DOE)

- \$4.3B for whole-home energy retrofits to single family and multi-family dwellings that achieve modeled energy savings; rebate levels vary by income and type of residence
- Eligible: owners of residential buildings via state energy offices (SEOs)

High-Efficiency Electric Home Rebate (HEEHRA) Program (DOE)

- \$4.3B to reduce or eliminate the upfront cost to electrify low- and moderate-income (LMI)
 households⁶
 - 100% costs covered (to cap of \$14K) households < 80% AMI
 - 50% costs covered (to cap of \$14K) households 80-150% AMI
- Eligible: owners of residential buildings via SEOs; \$225M set-aside for tribal governments

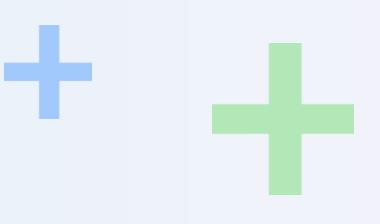




Appendix B:

M&A considerations in the gas sector









Addressing Debt Acquisition Risks

- + Prohibit excessive acquisition prices
- + Limit recovery of the acquisition premium
- + Adjust the target utility's revenue requirement to reflect the true cost of capital
- + Establish ring-fencing requirements
 - Prevents the holding company and its affiliates from extracting excess dividends from the utility,
 or using the utility's assets as security to support non-utility debt
- + Dampen expectations of automatic future rate-basing opportunities

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "Staci.Rubin@state.ma.us" <staci.rubin@mass.gov>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "Valcq, Rebecca" <Rebecca.Valcq@wisconsin.gov>, Davante Lewis <davante.lewis@la.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org, Sarah Steinberg https://ssteinberg@advancedenergyunited.org, Bradley Cebulko https://ssteinberg@advancedenergyunited.org, Bradley Cebulko https://ssteinberg@advancedenergyunited.org)

Subject: Re: Commissioners Equity Cohort July 24th Call and Slide Deck

Date: Mon, 24 Jul 2023 19:06:45 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi all,

Apologies for the confusion with links in the calendar invitation. Please join the meeting using this link if you haven't already: https://advancedenergyunited-org.zoom.us/j/87557430520.

Thank you,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Thursday, July 20, 2023 at 4:39 PM

To: McCabe, Ann <Ann.McCabe@Illinois.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, Staci.Rubin@state.ma.us <staci.rubin@state.ma.us>, Blank - DORA, Eric <eric.blank@state.co.us>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>, Gillett, Marissa <Marissa.Gillett@ct.gov>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>, Davante Lewis <davante.lewis@la.gov>, McKissick, Floyd <fmckissick@ncuc.net>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Hannah Polikov https://www.ncedenergyunited.org, Sarah Steinberg ssteinberg@advancedenergyunited.org, Bradley Cebulko bcebulko@strategen.com, Sotero, Maria

<Maria.Sotero@cpuc.ca.gov>
Subject: Commissioners Equity Cohort July 24th Call and Slide Deck
Good afternoon Commissioners,

I hope that everyone is having a good summer! It was a pleasure seeing many of you at the Summer NARUC Conference in Austin earlier this week.

We are looking forward to our Q3 Commissioners Equity Cohort virtual meeting this coming **Monday**, **July 24th 12-2pm PST/3-5pm EST**. This discussion will be held via Zoom. Please join by video using <u>this link</u>, which is included in the calendar invitation.

Our Q3 call will focus on **Equity in the Gas Transition** with presentations from <u>Brad Cebulko</u> of Strategen and California Commissioner John Reynolds. While no preparation is required for this session, **you're welcome to review the slide deck (attached) in advance and think about the questions posed on slides 12, 23, 34, and 37.**

Please let us know if you have any questions in advance of the meeting.

Warmly,

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Subject: Re: Commissioners Equity Cohort July 24th Call and Slide Deck

Date: Mon, 24 Jul 2023 21:10:05 +0000

Importance: Normal

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Dear Commissioners,

Thank you for participating in our Q3 Commissioners Equity Cohort call on Equity in the Gas Transition: Problems, Solutions, and Case Studies. Please take a few minutes to fill out this <u>brief survey</u> with feedback on today's session and topics of interest for a potential gas transition spin-off session or series. Even if you were unable to attend today's session, we would love your input on the potential gas transition spin-off session or series.

As always, we will circulate a list of supplemental resources related to today's call topic. Please email me if there are any resources that you would like to share!

Best,

Sophie Watterson

Associate

Advanced Energy United

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e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

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Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

 $\underline{www.AdvancedEnergyUnited.org}~@AdvEnergyUnited$

From: "Christian, Rory (DPS)" < Rory. Christian@dps.ny.gov>

To: "Rubin, Staci (DPU)" < staci.rubin@mass.gov>

Subject: Commissioner Cohort Materials **Date:** Mon, 31 Jul 2023 20:02:59 +0000

Importance: Normal

Attachments: Final Institute Commissioners Equity Cohort Slides February 2023.pdf

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi Staci,

Attached is the presentation for the meeting in February, which I believe is the only meeting you missed. The link that follows includes supplemental resources developed through that meeting => Commissioners Equity Cohort
Supplemental Resources. I shot Hannah a note asking about summaries and lingered she's on vacation and will follow-up with her on the need for a summary during our next check in.

Best, -R

Rory Christian

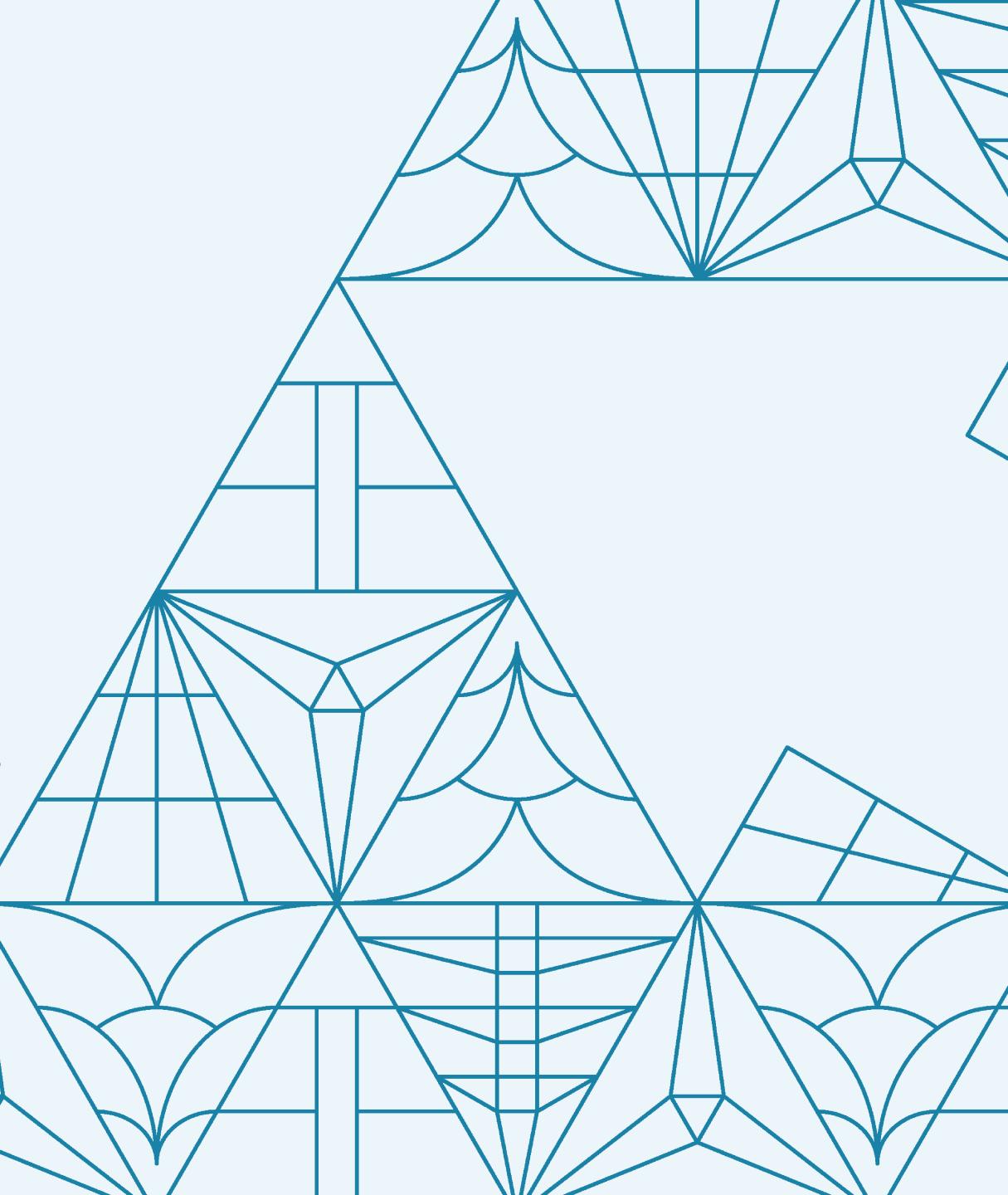
Chair and CEO
New York State Public Service Commission
rory.christian@dps.ny.gov
www.dps.ny.gov

Pronouns: He, Him, His



Commissioners Equity Cohort Kick-Off

Q1 Structurally Embedding Equity at PUCs



Agenda

All times shown in ET

2:00-2:20pm	Welcome, Guidelines, and Opening Round-the-Horn
	Hannah Polikov, Managing Director, Advanced Energy United
2:20-2:25pm	Setting the Stage
	Sophie Watterson, Policy Associate, Advanced Energy United
2:25-2:50pm	Commissioner Conversation-Starter 1 and Discussion
	Chair Marissa Gillett, Connecticut Public Utilities Regulatory Authority
2:50-3:15pm	Commissioner Conversation-Starter 2 and Discussion
	Commissioner Ann Rendahl, Washington Utilities and Transportation Commission
3:15-3:30pm	Wrap-Up, Key Take-Aways, and Next Steps
	Hannah Polikov, Managing Director, Advanced Energy United



Welcome to the Commissioners Equity Cohort!

• About the cohort:

 11 commissioners from every region of the country, brought together quarterly for the next 2 years to learn and share ways to advance equity within PUCs

Our promise to you:

- To use your time effectively and efficiently
- To bring you actionable ideas
- To keep it engaging



Cohort Guidelines

- Participate in quarterly virtual cohort meetings
 - Please share your feedback with us so that we may continually improve and co-create a useful space
- Chatham House rules
 - Participants are free to use the information received, but neither the identity nor the
 affiliation of the speaker(s), nor that of any other participant, may be revealed
- Keep video on
- Use the "raise hand" feature during our conversation
- Please keep comments concise



Opening Round-the-Horn

What brings you to this cohort, and what are you hoping to take away from it?



Survey response showed topics of common interest

- (8) Structurally embedding equity at PUCs
- (8) Provisions of the federal IIJA and IRA related to equitable access
- (8) Equitable gas transition
- (7) Engaging with PUCs and helping members of the public understand how to get involved
- (7) Developing equity metrics
- (7) Tools focused on energy affordability
- (6) Equity efforts backed by major legislation
- (6) Equitable access to electric vehicle innovation/electrification
- (6) Federal environmental and energy justice screening tools



Using topic survey response to plan for the year ahead

Q1 Structurally Embedding Equity at PUCs

- (8) Structurally embedding equity at PUCs
- (7) Engaging with PUCs and helping members of the public understand how to get involved
- (6) Equity efforts backed by major legislation

Friday, February 3rd 2-3:30pm ET

Q2 Leveraging IRA and IIJA to Increase Equity

• (8) Provisions of IRA and IIJA related to equitable access

Q3 Facilitating an Equitable Gas Transition

- (8) Equitable gas transition
- (6) Equitable access to electric vehicle innovation/electrification

Q4 Utilizing Data and Tools

- (7) Developing equity metrics
- (7) Tools focused on energy affordability
- (6) Federal environmental and energy justice screening tools

Friday, April 28th 2-3:30pm ET

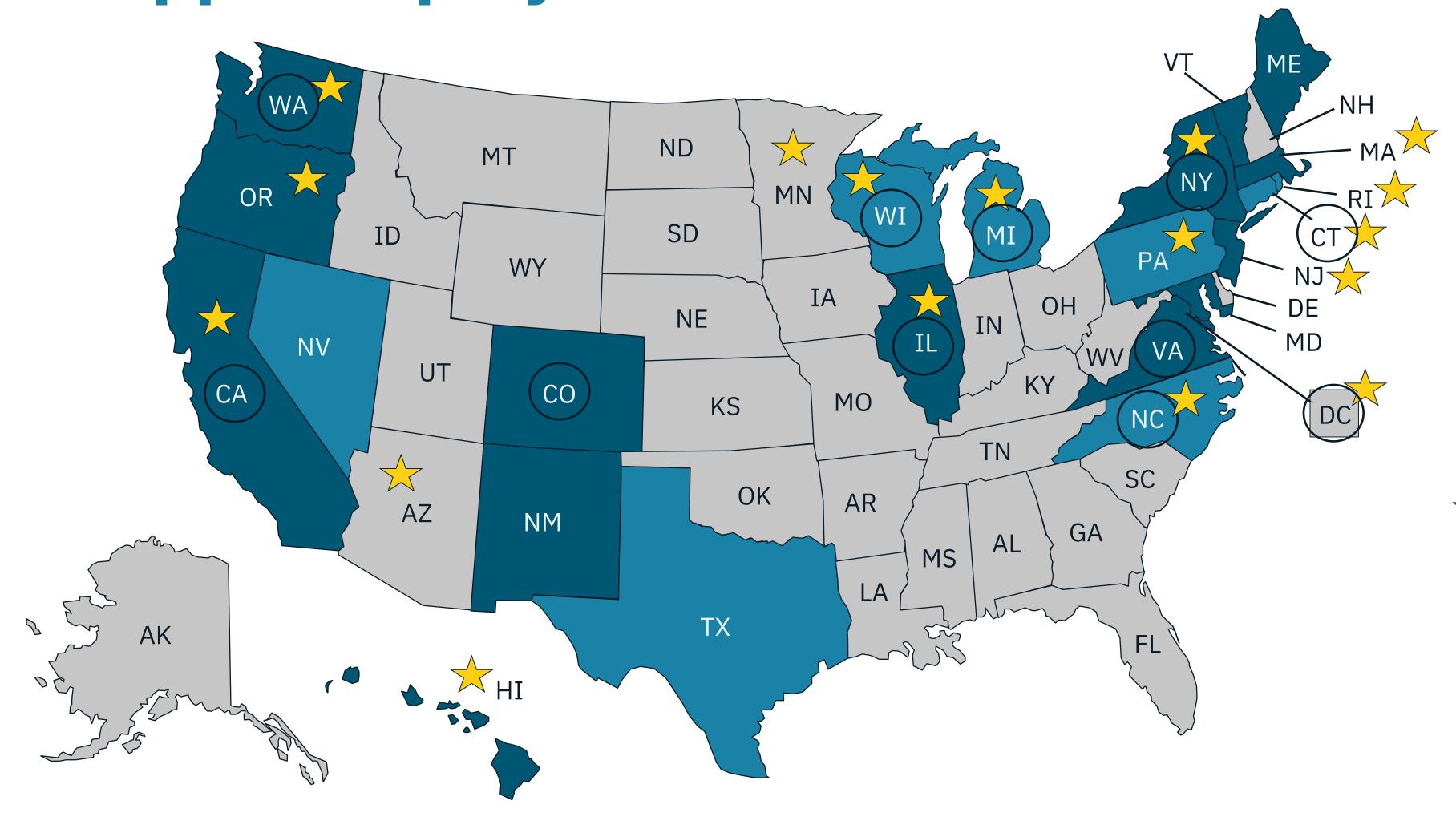
Monday, July 24th
3-5pm ET*
*two-hour session

Scheduling in progress

Maintaining affordability while supporting the clean energy transition



PUCs across the country increasingly consider and support equity in their work



= Codified requirements to consider equity or environmental justice broadly

= Codified requirements to support equity or environmental justice via specific programs

= PUC order or initiative supporting equity or environmental justice without explicit statute

= PUC participating in equity cohort



Low-income communities are most frequently identified in PUC equity policies and programs

customers in rural areas

vulnerable communities

equity investment eligible communities

environmental (and social) justice communities

hard-to-reach customers

low-(to-moderate) income communities

historically economically disadvantaged communities

marginalized communities

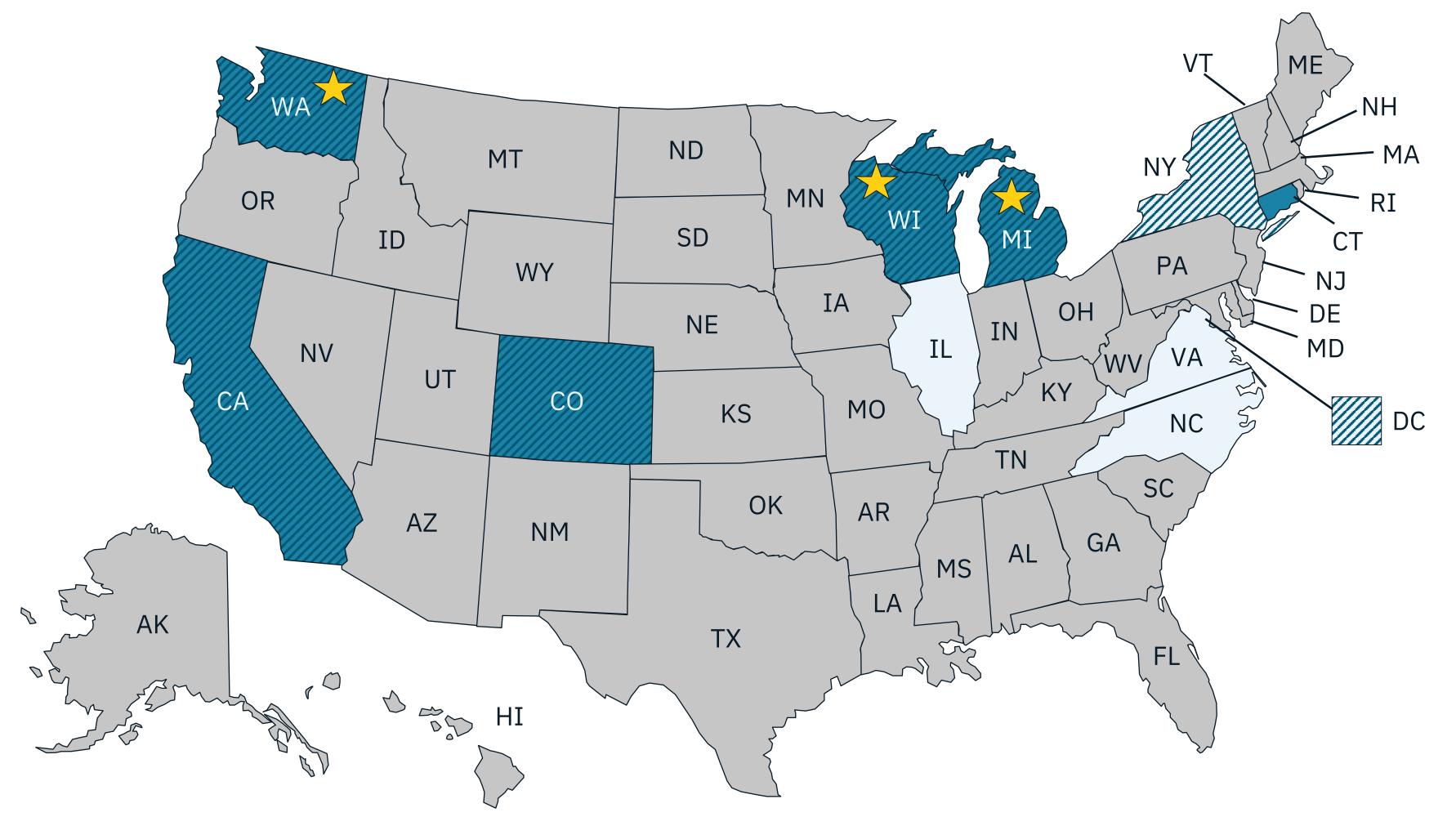
underserved communities

disproportionately- or highly-impacted communities

disadvantaged communities



Cohort PUCs are structurally embedding equity in their hiring, through staff initiatives and working groups



- = PUC staff recruitment, hiring, training and/or education initiatives related to equity
- = Participation in intra- or interagency working groups related to equity, environmental justice and/or affordability
- = Designated equity officer at PUC



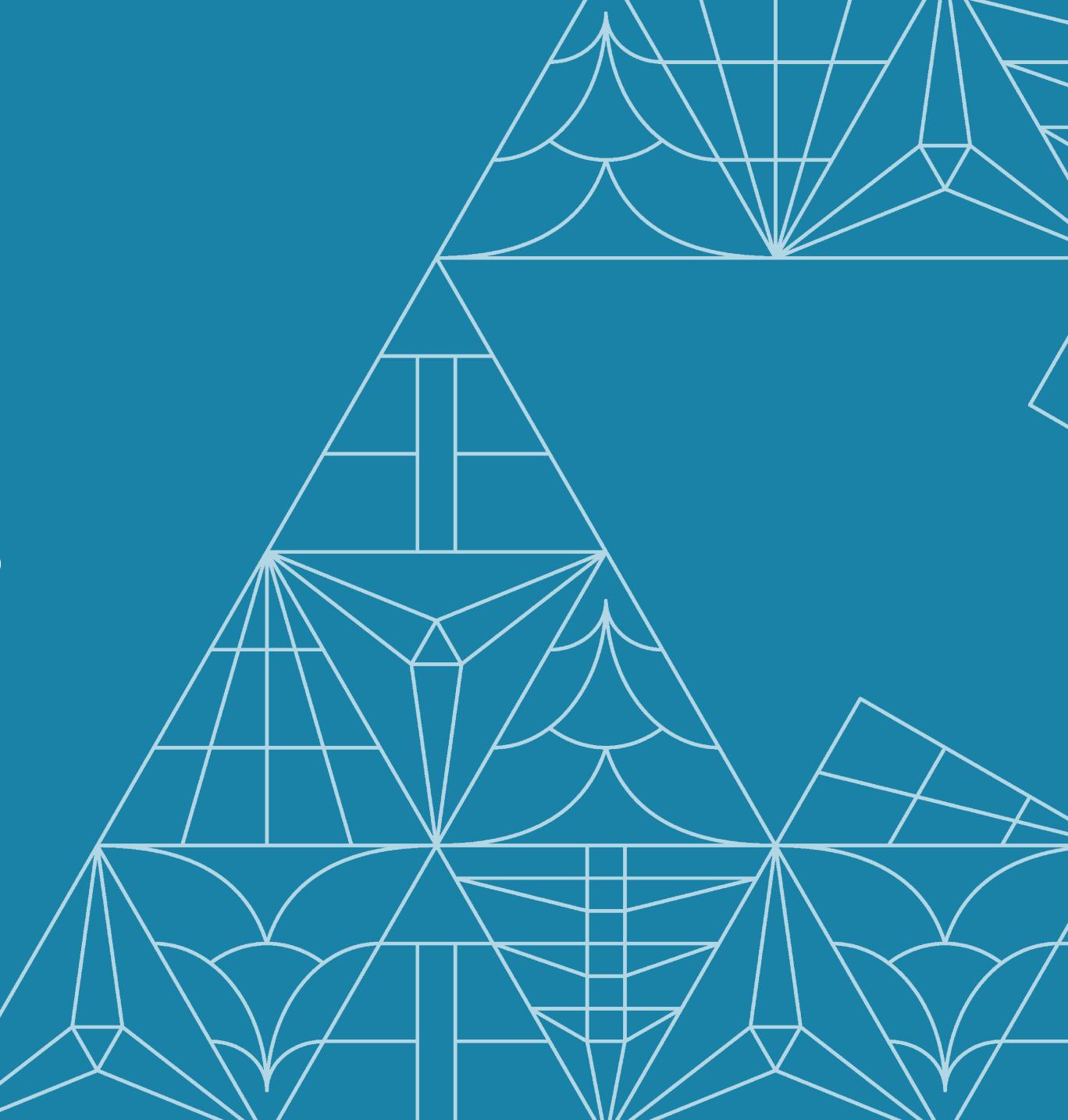
Cohort PUCs are looking to increase access to and participation in PUC activities

State	Intervenor Compensation	Changes to proceeding structure	Public participation and/or consumer resources	Translated materials and/or interpretation services	Community and/or tribal engagement training for PUC staff
California	X	X	X	X	X
Colorado	X	X	X	X	X
Connecticut		X	X		
D.C.			X		
Illinois	X	X	X		
Michigan	X	X	X	X	
North Carolina		X	X		
New York			X	X	
Virginia			X		
Washington	X	X	X	X	X
Wisconsin	X		X	X	



Discussion

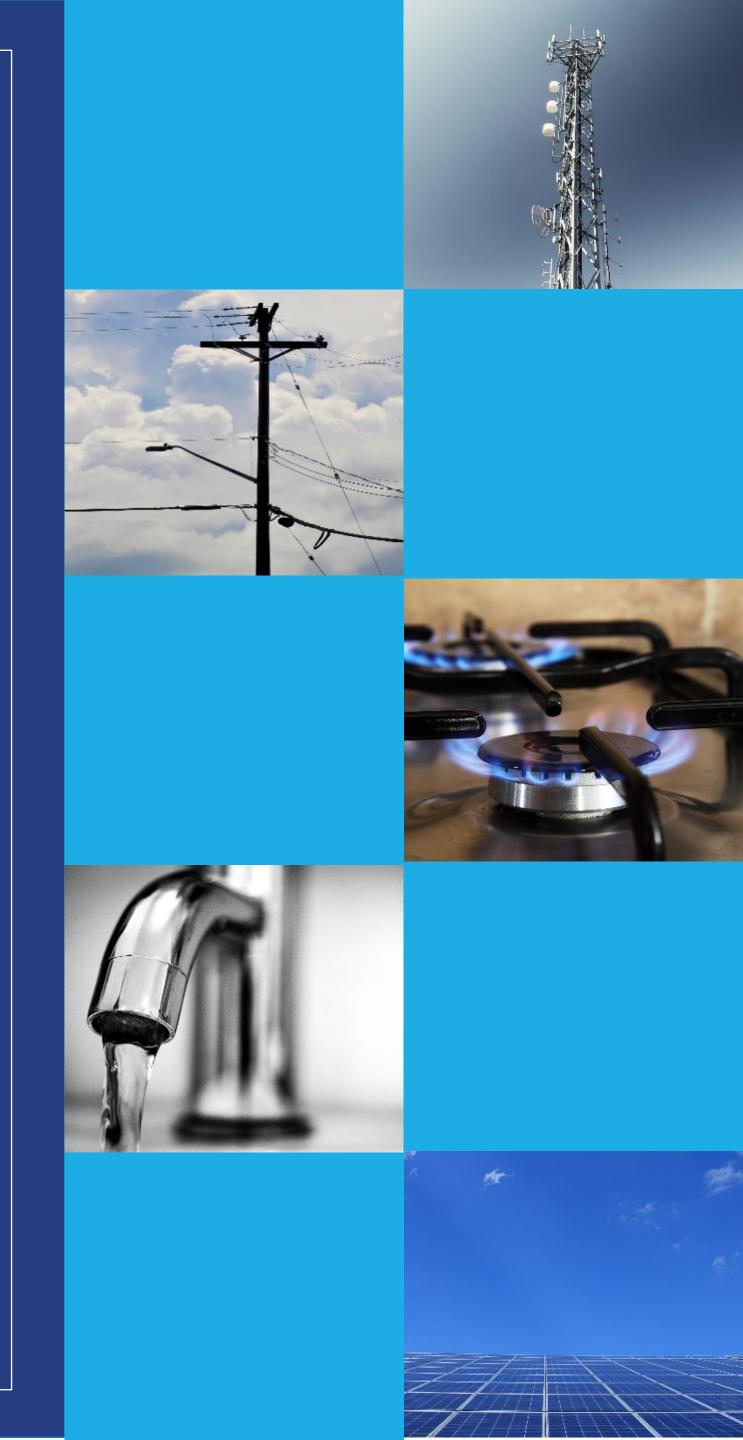
Looking at these trends, what stands out to you?





Connecticut Public Utilities Regulatory Authority (CT PURA)

February 3, 2023



Focus on Internal Culture

DRAFT

- Multi-pronged approach
 - Staff Recruitment and Retention
 - Sector Meetings, Training Tip
 Seminars, Lunch & Learn
 - PURA "Directives"
 - Launch of Annual "SMART Goals"
 - Reorganization and creation of Office of Education, Outreach & Enforcement (EOE)

TO: PURA

FROM: Marissa Gillett, Chairman

DATE: June 15, 2021

: Annual Goal Setting

Annual Goals

Establishing annual goals that are measurable, assignable, and time-based can represent one tool used to plan and achieve goals of an individual and/or organization. A routine goal-setting framework can provide a sense of direction and focus, and can also serve to clarify the relative importance of goals by facilitating regular conversations between a supervisor and an employee. When implemented effectively, routine goal setting can provide accountability at all levels of an organization by generating documentation of expected performance for the forthcoming year as well as objective evaluation criteria against which achievement of identified goals can be measured.

Timeline for Adopting Goals, effective September 1 – August 31

Annual goals will be adopted at three levels: PURA-wide; office-level; and at the level of individual employees. Because the goals should map to each other, i.e. each office's goals should roll-up to contribute to achievement of the agency-wide goals, and each employee's goals should roll-up to contribute to achievement of the office's goals, the goal-setting process is iterative. All dates provided below should be viewed as "no later than" dates.

Agency-wide goals

April (month): Brainstorming period
 May 1: Draft distribution to managers
 May 15: Feedback due to chairperson
 May 31: Finalize and distribute to all staff

Office goals

o June (month): Brainstorming period

o July 1: Draft delivered to chairperson

July 15: Comments returned to director / meeting with chairperson

July 31: Finalize and distribute to office staff

Individual goals

August 1 – 21: Brainstorming period

August 22: Draft delivered to supervisor and director

September 1 - 20: Meeting with supervisor and director (as part of annual

performance evaluation meeting)

September 30: Employee finalize and transmit to supervisor and director

PURA AGENCY-WIDE Annual Goal Worksheet

Demographic Information

Employee Name & Title: Timeframe Covered: Marissa Gillett, Chairman

September 1, 2021 - August 31, 2022

PURA Agency Goals

1. Overall Goal: Demystify PURA for External Stakeholders

What is the goal?

The goal is to educate the public, legislators, the press, and other external stakeholders regarding the Authority's statutory role and responsibilities.

Why is the goal important?

Confusion regarding the role of PURA in regulating public service companies can negatively affect the engagement by external stakeholders in PURA proceedings, leading to sub-optimal legislative and regulatory outcomes. Specifically, PURA's ability to balance the public's right to safe, adequate and reliable utility service at reasonable rates, with the provider's right to a reasonable return on its investment, can be impacted by barriers to participating in or understanding PURA activities.

- List potential hurdles that must be overcome to complete the goal:
 - o Engaging the general public.
 - "PURA 101" is a dense topic, but when one's wallet is being hit or the lights are out for a period of time, people tend to pay more attention. Buy-in from PURA staff is key to achieving this goal.
 - Holding the attention of legislators.
 - The lobbying efforts of utility companies are robust and backed by large budgets. The politics behind politics is not going away, and there is a good amount of misinformation being presented to elected officials. We want to be respected as an independent, expert resource for legislators on all things related to PURA and the industries we regulate.
 - o Building relationships with press & media outlets.
 - Like the General Assembly, Connecticut's top media outlets are lobbied. PURA is striving to become a trustworthy resource for reporters, but there are challenges that come along with continuing to cultivate those relationships (e.g. we cannot comment on the specifics of a draft decision, which can lead to confusion, unanswered questions and frustration. This sometimes results in reporters presenting only one side of an issue in the absence of a comment from PURA.).

10 Franklin Square, New Britain, CT 06051

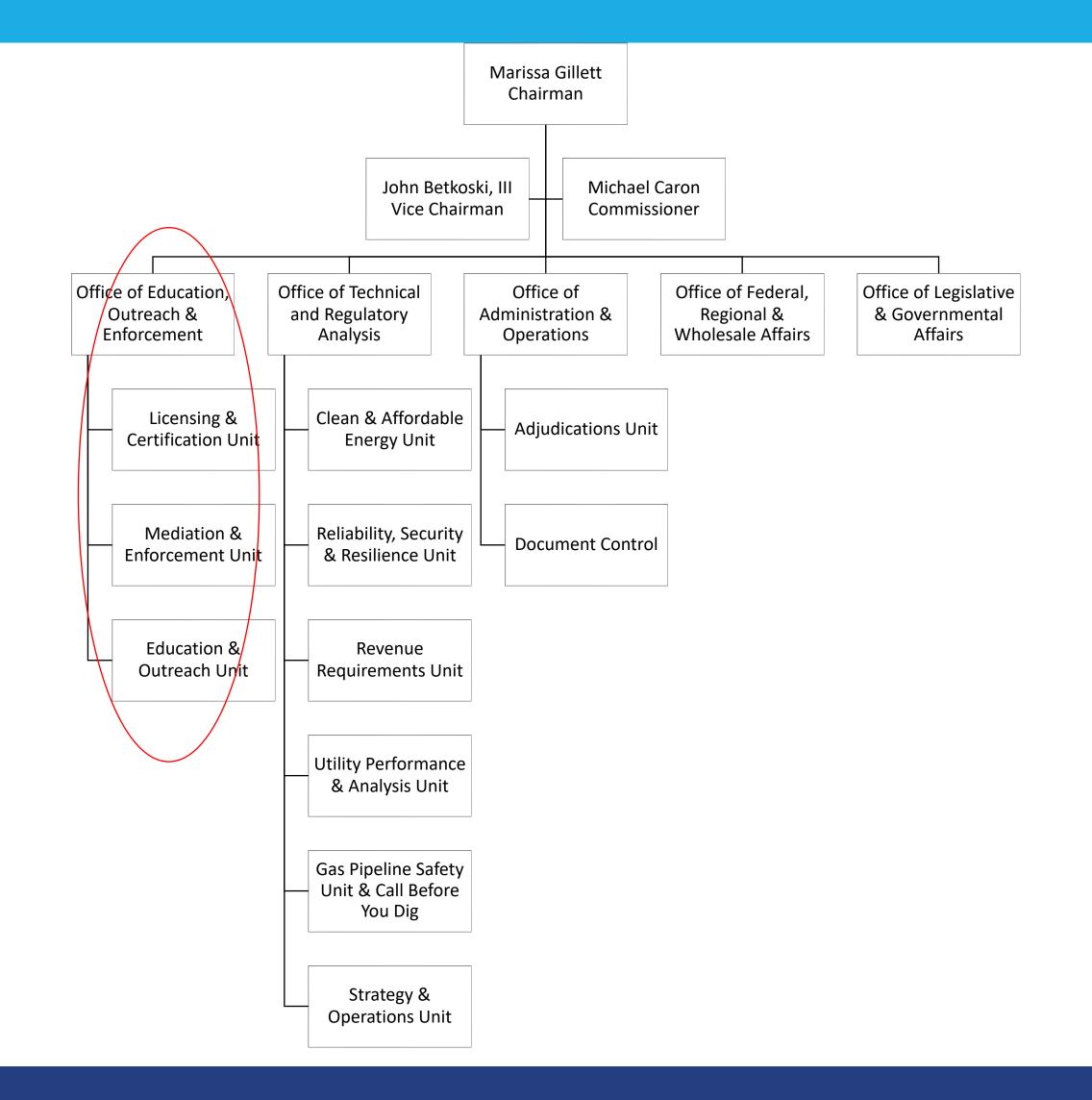
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Office of Education, Outreach & Enforcement

- Commenced Operations on July 3, 2020
- *Key Objective*: Provide ratepayers and non-traditional stakeholders that interact with PURA an improved customer service experience.
- Comprised of 3 Units:
 - Licensing & Certification Unit
 - Processes and analyzes routine licensing and certification matters filed with PURA
 - Mediation & Enforcement Unit
 - Mediates disputes concerning matters related to regulated entities whenever possible or appropriate
 - Enforces orders, regulations, and statutes
 - Independently investigates any PURA-regulated or licensed entity
 - Education & Outreach Unit
 - Receives Connecticut ratepayer complaints, with a focus on providing timely resolution for complainant and relevant educational materials to assist the complainant
 - Produces, distributes, and presents educational materials through public forums





The PURA Docket Process

 Technical meeting or hearings

Written comments

Interrogatories

Written comments

 Further technical meetings or hearings

Briefs

Step 1: Docket Initiation

Step 2:
Build the
Record

Step 3:
Issue
Draft
Decision

Step 4:
Make
Changes,
If Any

Step 5:
Issue
Final
Decision

- Identify docket objectives
- Identify participants
- Receive pre-filed testimony

Summarize proceeding

Standard of review

 Document PURA analysis

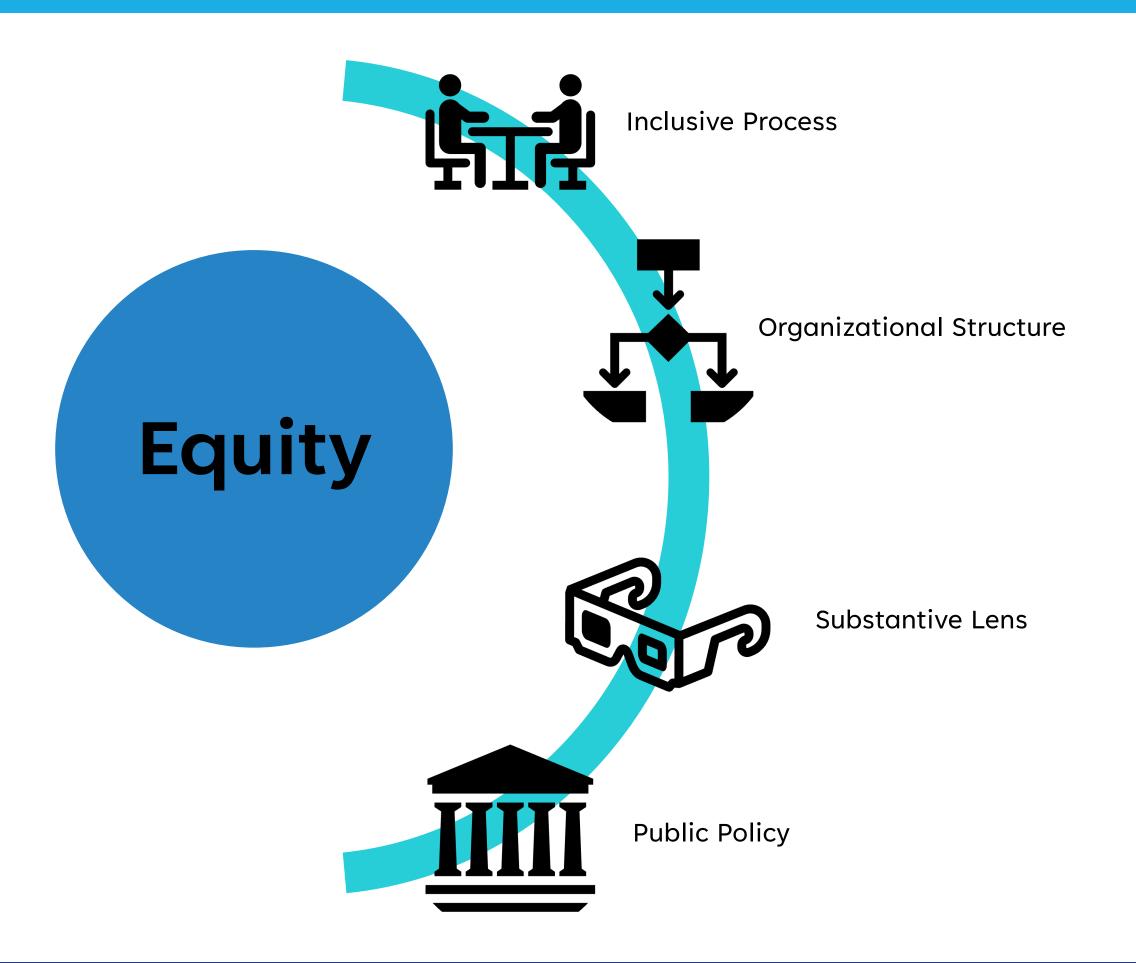
Conclusions & orders

Finalize decision

Issue compliance requirements



A New Approach To "Grid Mod"







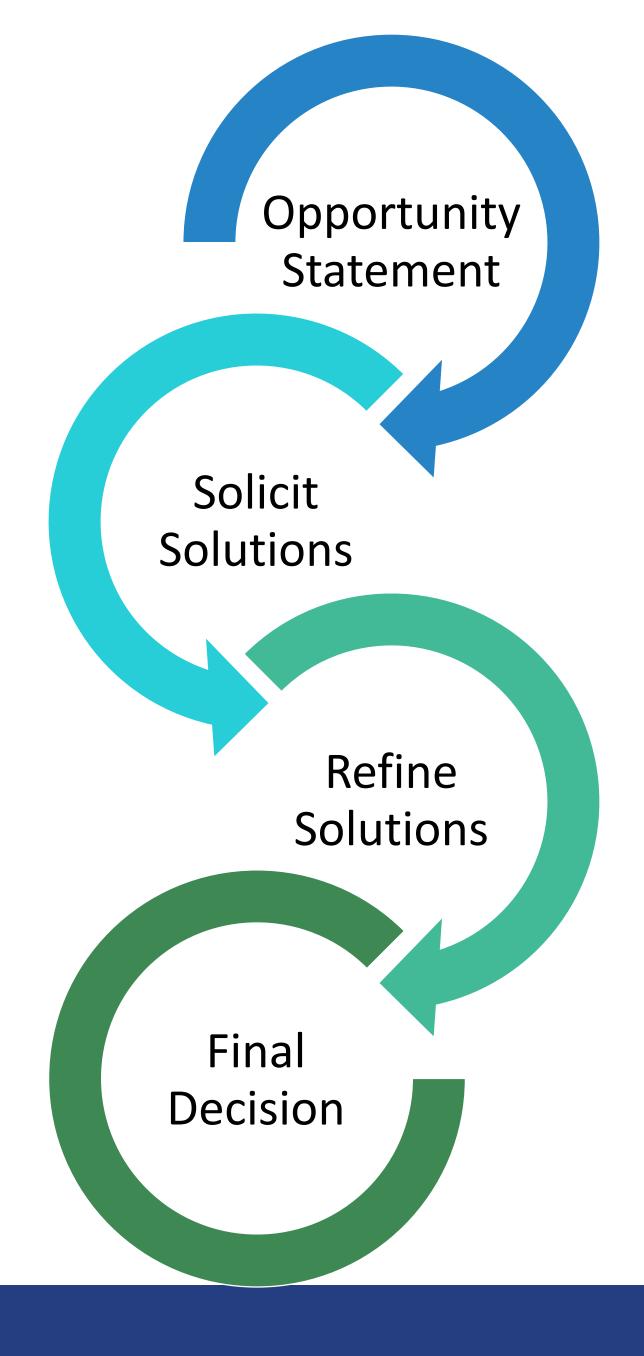
Example: Energy Storage Solutions Program (Docket No. 17-12-03RE03)

Opportunity Statement

There are a wide variety of electric storage technologies and applications of those technologies, each providing different benefits to the grid (and to the bulk power system; although, this discussion is primarily relegated to the distribution system). Depending on the application and use case, the benefits provided by electric storage can flow to all ratepayers or to a smaller subset of customers.

The unique characteristic of all electric storage technologies and technology applications is that each can provide multiple value streams. For example, a customer-sited solar PV plus battery storage system can provide customer resilience during an outage while also providing peak shaving benefits to all ratepayers when the grid is operational. Some of the myriad benefits electric storage can provide to the grid include...

Electric Storage Program Design			
Brief Description			
Program Length &			
Deployment Target(s)			
Incentive Structure			
Incentive Level &			
Calculation Methodology			
Ownership Model			
Operational Control Model			
Program Administrator			
Ratepayer Cost-Benefit (by			
year)			
Administrative Costs			
Incentive Costs			
Other Costs (by category)			





External Engagement

- Create a social media presence
 - Companion directives on social media policy and photography, video release
 - Videos of new programs, key decisions, rate case explainers, and more



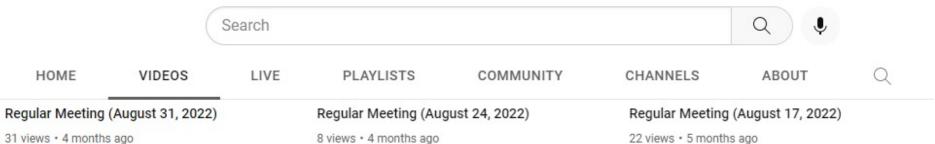
- PURA 101's
 - https://portal.ct.gov/PURA/About/PURA-101
- Quarterly Newsletters

https://portal.ct.gov/-/media/PURA/Q4-2022-PURA-

Quarterly-Report.pdf





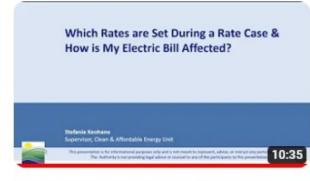






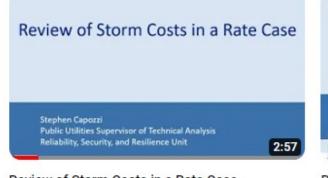


Regular Meeting (July 27, 2022) 5 views • 5 months ago

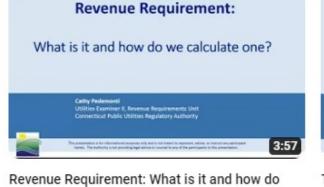


Which Rates are Set During a Rate Case & How is My Electric Bill Affected?

99 views • 5 months ago



Review of Storm Costs in a Rate Case
35 views • 5 months ago



Revenue Requirement: What is it and how do we calculate one?

105 views • 5 months ago



Take Back Our Grid Act: Rate Changes & Performance-Based Regulation

65 views • 5 months ago



Discussion

Do any PUCs conduct stakeholder training or offer examples of "good" evidence?

 Have any PUCs tried seeking or securing funds to host trainings for the public and to pay for childcare?

 What other external engagement strategies have helped or could help to increase public understanding and participation?







Equity Work at the UTC

Commissioner Ann Rendahl

Feb. 3, 2023

Equity in Washington



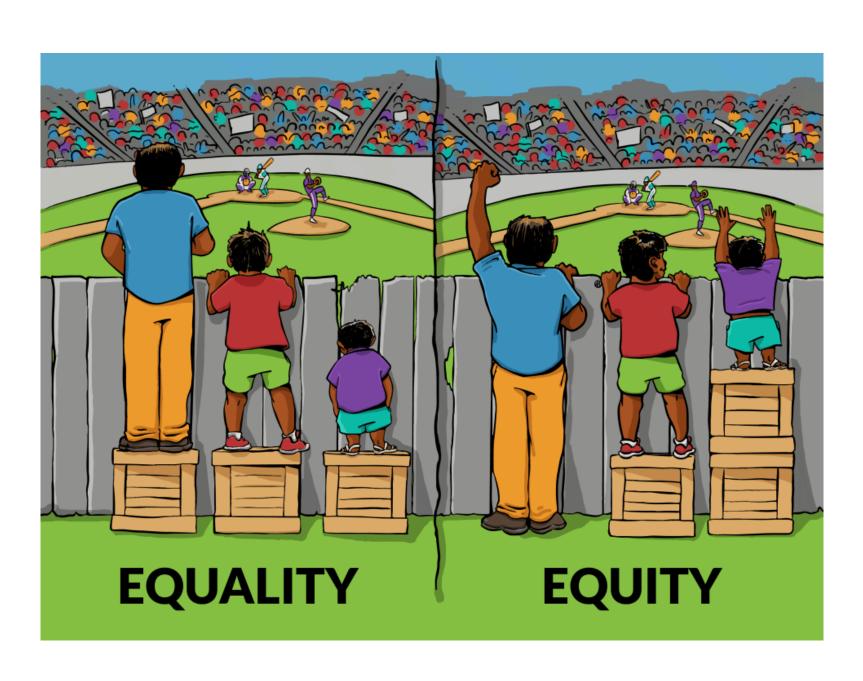
- Clean Energy Transformation Act (CETA) RCW 19.405
 - "All customers benefit"; "equitable distribution of energy and nonenergy benefits and reduction of burdens"
 - Rulemakings increased public participation, equity advisory groups
 - Orders: Cascade Natural Gas (<u>UG-210755</u>, <u>Order 09</u>): applying an equity lens to utility proposals
- Multiyear rate plan (MYRP) <u>RCW 80.28.425 (1)</u> expands the public interest standard to include equity.

Requirements for equity in agency operations:

- Office of Equity (2020) <u>RCW 43.06D</u>
- <u>Executive Order 22-04</u> (Pro-Equity Anti-Racism (PEAR) Plan and Playbook)
- o UTC 2023 PEAR Strategic Action Plan



Defining Equity



State Definition:

From State DEI Committee Glossary of Equity-Related Terms: "The act of developing, strengthening, and supporting procedural and outcome fairness in systems, procedures, and resource distribution mechanisms to create equitable (not equal) opportunity for all people. Equity is distinct from equality which refers to everyone having the same treatment without accounting for differing needs or circumstances. Equity has a focus on eliminating barriers that have prevented the full participation of historically and currently oppressed groups."

• UTC Orders:

- Recent orders define "equity" based on the tenets of energy justice: Procedural, Distributional, Recognition, and Restorative Justice
 - Cascade Natural Gas (<u>UG-210755</u>, <u>Order 09</u>)
 - Future Action: Equity Policy Statement

Staffing for Equity

- **Executive Director** = Agency Equity Officer
 - Working to hire an equity director and team
- Statewide HR directives: Review policies and procedures, recruitment, job descriptions and expectations documents to reflect equity principles and competencies
- Leadership Team Priority:
 - o Equity is not additive but the work of the commission and the lens we apply to all our work
- Agency EDI Committee:
 - Education, discussion about our equity work
- BIPOC Council:
 - Internal advisory council reviews processes, documents, participate on interview panels
- DOE Clean Energy Innovator Fellow Equity policy statement

2023 PEAR Plan Metrics



PEAR areas of investment and measures of progress:

- Leadership, operations and services
 - Percent of leaders and employees with Performance plan measures related to PEAR principles and EDI competencies.
- Workforce Equity
 - Percent of new hires self-identifying as Black, Indigenous, or other People of Color
 - Percent of employees attending DEI and /or racial trauma training
- Community Partnerships and Engagement
 - Percent of leaders completing Governors Office of Indian Affairs Government-to-Government training
 - Tracking meaningful engagements and community network building (e.g., Listening sessions, educational workshops/trainings, meetings with community leaders/advocates, etc.)
 - Percent positive Employee Engagement Survey scores related to EDI

External Equity Engagement



- How is the Commission structuring its external engagement?
 - Community feedback: Identify and eliminate barriers to participation in commission processes and increase access to commission services and proceedings.
 - Hired Equity and Engagement Specialist
 - Launching language access plan to increase access for non-English proficient customers and companies
 - Offering translation services for all public engagements, hearings; translating documents, website and communications
 - Establishing an external PEAR advisory group
 - Advises the internal PEAR team in decision making
 - Includes broad group of partners including community groups, regulated companies, the public and employees
 - PEAR Plan investment into community partnerships and engagement
 - Focus on community building and how we engage with the people we serve
 - Post-COVID, reimagining workshops and public hearings

Lessons Learned / Challenges

Internal Work:

- It takes time, resources, commitment, persistence, resiliency and continuity
- Recognize employees are at different places on the anti-racism spectrum.
- Expect and address backlash and resistance.
- Provide resources, training, and time to have courageous conversations.
- Building community with significant turnover is a challenge.

• External engagement:

- Ensure external partners understand this is not performative, but transformational and requires long term commitment from the agency.
- How to equitably compensate external communities for their participation?
- How do we make sure people feel heard and see themselves in decisions?

Discussion

How are other PUCs addressing challenges to equity within their organizations?

 How can PUCs equitably compensate external communities for their participation?

 How can PUCs make sure people feel heard and see themselves in decisions?









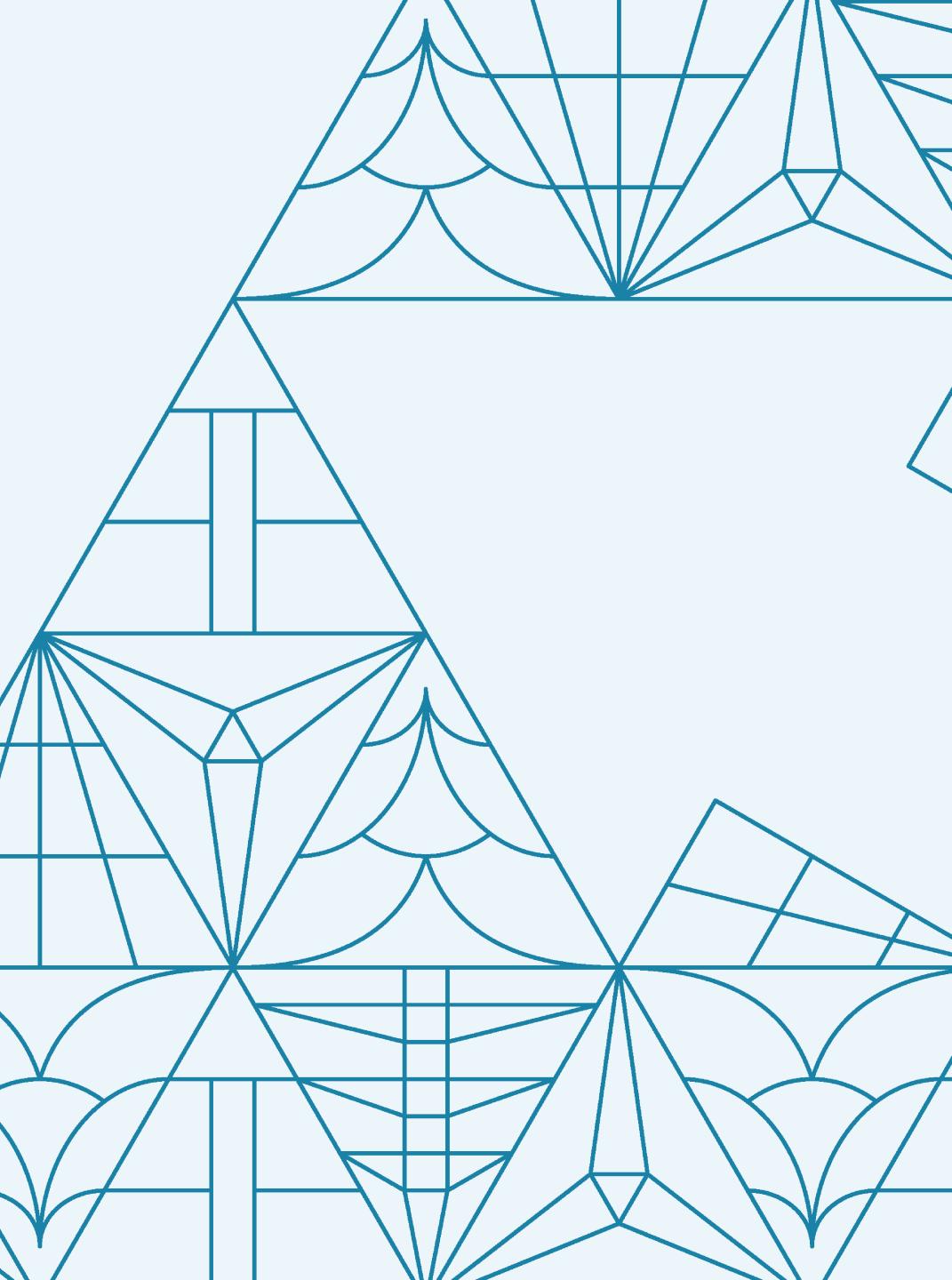


Thank you.

Next cohort meeting Friday, April 28th 11-12:30pm PT/2-3:30pm ET

Topic: Leveraging IRA and IIJA to Increase Equity





We welcome your feedback.

Hannah Polikov

hpolikov@advancedenergyunited.org

Sophie Watterson

swatterson@advancedenergyunited.org







From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "Rubin, Staci (DPU)" < staci.rubin@mass.gov>

Subject: Re: Equity Cohort Resource Library **Date:** Wed, 02 Aug 2023 20:37:58 +0000

Importance: Normal

Inline-Images: image001.png; image002.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Wonderful! Let me know if you have any questions or suggestions.

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) <staci.rubin@mass.gov> Date: Wednesday, August 2, 2023 at 2:16 PM

To: Sophie Watterson <swatterson@advancedenergyunited.org>

Subject: RE: Equity Cohort Resource Library

Dear Sophie:

I can now access the document. Whatever you did worked!

Thank you,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Sophie Watterson <swatterson@advancedenergyunited.org>

Sent: Wednesday, August 2, 2023 2:06 PM
To: Rubin, Staci (DPU) <staci.rubin@mass.gov>
Subject: Re: Equity Cohort Resource Library

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Commissioner Rubin,

Thank you for letting me know. I think that I've resolved the issue. You should be able to access the document here: 🕮 Commissioners Equity Cohort Resource Library 2023-2024.xlsx.

Please let me know if the issue persists!

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) < staci.rubin@mass.gov> Date: Wednesday, August 2, 2023 at 12:51 PM

To: Sophie Watterson < <u>swatterson@advancedenergyunited.org</u>>

Subject: RE: Equity Cohort Resource Library

Dear Sophie:

Thank you for this helpful follow-up. I am unable to access the Equity Cohort Resource Library document. This is the error message: "Sorry, this email address isn't associated with this secure link. Please contact the person who shared it with you."

Thank you,

Staci Rubin (she/her) Commissioner Massachusetts Department of Public Utilities One South Station Boston, MA 02110 Staci.Rubin@mass.gov 617-305-3595



From: Sophie Watterson < swatterson@advancedenergyunited.org

Sent: Wednesday, August 2, 2023 12:35 PM

To: john.reynolds@cpuc.ca.gov; Blank - DORA, Eric <eric.blank@state.co.us>; Gillett, Marissa <Marissa.Gillett@ct.gov>;

Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Davante Lewis <davante.lewis@la.gov>; McCabe, Ann

<Ann.McCabe@Illinois.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; carreona@michigan.gov; Christine.guhl-

sadovy@bpu.nj.gov; rory.christian@dps.ny.gov; McKissick, Floyd <fmckissick@ncuc.net>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; ann.rendahl@utc.wa.gov; Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>

Cc: Hannah Polikov < hpolikov@advancedenergyunited.org >

Subject: Equity Cohort Resource Library

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioners,

Thank you again for joining our Q3 Commissioners Equity Cohort call last week about Equity in the Gas Transition. If you haven't already, please take a few moments to fill out this <u>brief survey</u> with feedback on our Q3 session and any topics of interest for a potential gas transition spin-off session or series.

Next, in alignment with our commitment to bring you actionable ideas, I'm pleased to share that we have developed a Commissioners Equity Cohort Resource Library. The resource library contains a list of cohort members, major equity-related PUC policies and proceedings, links to the slides decks and supplemental resources for each of our quarterly sessions. The resource library is shared directly with each of you and is not intended for distribution.

Finally, this resource library is a living document that will be updated periodically. Please continue to share any resources that you would like to be included in the resource library.

If you have any questions or difficulty accessing materials, please let me know.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: <u>swatterson@advancedenergyunited.org</u>

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

Image removed by sender. AEE
Image removed by sender. AEE
AEE

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, Davante Lewis <davante.lewis@la.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "Staci.Rubin@state.ma.us" <staci.rubin@mass.gov>, "carreona@michigan.gov" <CarreonA@michigan.gov>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "Valcq, Rebecca" <Rebecca.Valcq@wisconsin.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: Re: Equity Cohort Resource Library **Date:** Wed, 02 Aug 2023 16:38:58 +0000

Importance: Normal

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Correction: the survey link in my first email is incorrect. Please complete this <u>brief survey</u> regarding the Q3 session and potential future sessions on gas transition topics.

Thank you,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Wednesday, August 2, 2023 at 11:35 AM

To: john.reynolds@cpuc.ca.gov < John.Reynolds@cpuc.ca.gov >, Blank - DORA, Eric < eric.blank@state.co.us >, Gillett, Marissa < Marissa.Gillett@ct.gov >, Thompson, Emile (PSC) < ethompson@psc.dc.gov >, Davante Lewis

<davante.lewis@la.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, Staci.Rubin@state.ma.us

<staci.rubin@state.ma.us>, carreona@michigan.gov <CarreonA@michigan.gov>, Christine.guhl-

sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, rory.christian@dps.ny.gov

<rory.christian@dps.ny.gov>, McKissick, Floyd <fmckissick@ncuc.net>, Jehmal Hudson

<Jehmal.Hudson@scc.virginia.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Valcq, Rebecca

<Rebecca.Valcq@wisconsin.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: Equity Cohort Resource Library

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Best,

Sophie Watterson

Associate

Advanced Energy United

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e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

P AEE		

From: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

To: "Hilary Gold" < hgold@advancedenergyunited.org>

Subject: Re: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Date: Fri, 25 Aug 2023 22:10:28 +0000

Importance: Normal

Hilary—

Congratulations on your new job. I think it will be such a good fit for you. Hannah is great, and AEU is doing such important work. I hope your transition is going well. And don't hesitate to reach out to me to catch up sometime.

Have a great weekend.

Best, Jamie

Get Outlook for iOS

From: Hilary Gold <hgold@advancedenergyunited.org>

Sent: Friday, August 25, 2023 4:38:00 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>; Hannah Polikov

<hpolikov@advancedenergyunited.org>

Cc: Gardiner, Lynn (DPU) < Lynn. Gardiner@mass.gov>

Subject: Re: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Thank you for your grace and for the humor on a Friday – I needed that. The time is correct in your calendar, it just stated the wrong time in the body of the invitation. I was staring at my Central Time calendar when writing it. Enjoy your weekend.

Hilary Gold

Senior Principal

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hgold@advancedenergyunited.org

o: 202.380.1950 x3168 m: 504.535.9317

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Date: Friday, August 25, 2023 at 4:35 PM

To: Hilary Gold <hgold@advancedenergyunited.org>, Hannah Polikov <hpolikov@advancedenergyunited.org>

Cc: Gardiner, Lynn (DPU) < Lynn.Gardiner@mass.gov>

Subject: Re: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Off to an ignominious start, Hilary. (BTW, one of my favorites words, so be sure to include it in your slides, when possible.) Who recommended you for this job, anyway?

(Just kidding. Whatever time you schedule it, I will be there.(

Get Outlook for iOS

From: Hilary Gold <hgold@advancedenergyunited.org>

Sent: Friday, August 25, 2023 4:21:22 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov >; Hannah Polikov

<hpolikov@advancedenergyunited.org>

Cc: Gardiner, Lynn (DPU) < Lynn. Gardiner@mass.gov>

Subject: Re: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Jamie – I just resent the invite to correct my clerical error. The body of the invite should state **10:00 am** EST for you and Hannah. My apologies.

Hilary

Hilary Gold

Senior Principal

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hgold@advancedenergyunited.org

o: 202.380.1950 x3168 m: 504.535.9317

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org_@AdvEnergyUnited

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Date: Friday, August 25, 2023 at 4:04 PM

To: Hilary Gold <hgold@advancedenergyunited.org>

Subject: Re: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

That works. Thanks.

Get Outlook for iOS

From: VanNostrand, James (DPU)

Sent: Friday, August 25, 2023 4:03:10 PM

To: Hilary Gold <hgold@advancedenergyunited.org>

Subject: Accepted: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

When: Tuesday, August 29, 2023 9:00 AM-9:30 AM.

Where: https://advancedenergyunited-org.zoom.us/j/9013067037?from=addon

Image removed by sender. AEE		
AEE		

From: Hilary Gold hgold@advancedenergyunited.org

To: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org, "Gardiner, Lynn (DPU)"

<Lynn.Gardiner@mass.gov>

Subject: Re: Meeting request from Hannah Polikov and Hilary Gold of Advanced Energy United

Date: Thu, 24 Aug 2023 15:59:23 +0000

Importance: Normal

Inline-Images: ~WRD0000.jpg; image001.png; image002.png; image003.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Thank you for responding so quickly. I was able to get time on our calendars next Wednesday, August 30 at 10:30 am EST. I just sent a meeting invite with the Zoom link.

I look forward to catching up as well and I will see you next week.

Hilary

Hilary Gold

Senior Principal

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hgold@advancedenergyunited.org
o: 202.380.1950 x3168 m: 504.535.9317

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Date: Thursday, August 24, 2023 at 9:31 AM

To: Hilary Gold <hgold@advancedenergyunited.org>

Cc: Hannah Polikov holikov@advancedenergyunited.org, Gardiner, Lynn (DPU) <Lynn.Gardiner@mass.gov>

Subject: RE: Meeting request from Hannah Polikov and Hilary Gold of Advanced Energy United

Hilary-

Congratulations! I look forward to catching up, and working with you going forward. I filled out the poll with some suggested times next week that work for me. If those don't work for you and Hannah, please work directly with my Executive Assistant, Lynn Gardiner (cc'ed here), to find another time that works.

Best, Jamie

From: Hilary Gold <hgold@advancedenergyunited.org>

Sent: Wednesday, August 23, 2023 6:21 PM

To: VanNostrand, James (DPU) <James.VanNostrand@mass.gov> **Cc:** Hannah Polikov <hpolikov@advancedenergyunited.org>

Subject: Meeting request from Hannah Polikov and Hilary Gold of Advanced Energy United

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Jamie (or rather I now shall say Commission Chair Van Nostrand!),

I hope this email finds you well. I just started my first week at United and, as you know, I am working for Hannah Polikov in the Decision-maker Education & Engagement group.

In my role here at United I will be engaging with commissioners throughout the East. As part of my onboarding, Hannah suggested we schedule meeting with you for me to hear more about your new role, what you are working on, and thoughts on your topics of interest in Massachusetts.

We would like to find 30 minutes of your time in the next week if possible, and I have several potential times available in the poll below. If next week is tough to schedule with the holiday weekend approaching, feel free to let me know and I will look at available times in the following week. Please let me know what will work best for you.

I look forward to catching up with you, Hilary

Hilary Gold

Senior Principal

Advanced Energy United

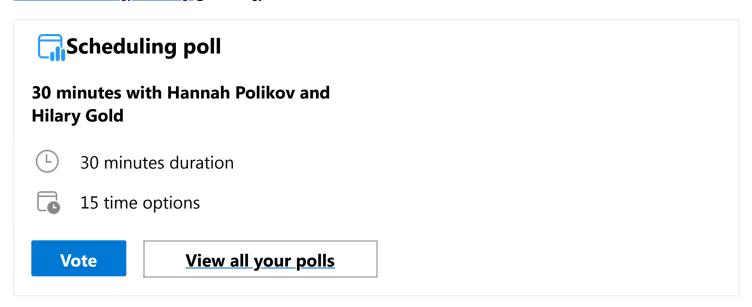
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e: hgold@advancedenergyunited.org

o: 202.380.1950 x3168 m: 504.535.9317

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited





From: Hilary Gold hgold@advancedenergyunited.org

To: Hannah Polikov hpolikov@advancedenergyunited.org, James Van Nostrand

<james.vannostrand@mass.gov>, "lynn.gardiner@mass.gov" <lynn.gardiner@mass.gov>

Subject: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Date: Fri, 25 Aug 2023 20:42:10 +0000

Importance: Normal **Attachments:** unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Jamie – we are moving this meeting to Tuesday August 29th at 9:00 am which was your first available time next week. Hopefully this day and time still works for you, but if it does not please let me know and I will move it back to the originally scheduled time.

Have a great weekend, Hilary

Hilary Gold is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

https://advancedenergyunited-org.zoom.us/j/9013067037?from=addon

Meeting ID: 901 306 7037

One tap mobile

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- +1 309 205 3325 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)

• +1 346 248 7799 US (Houston)

• +1 360 209 5623 US

Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl

AEE		

Event: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Start Date: 2023-08-29 14:00:00 +0000

End Date: 2023-08-29 14:30:00 +0000

Organizer: Hilary Gold <hgold@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/9013067037?from=addon

Class: X-PERSONAL

Date Created: 2023-08-25 20:43:06 +0000

Date Modified: 2023-08-28 20:57:37 +0000

Priority: 5

DTSTAMP: 2023-08-25 20:42:09 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>; Gardiner, Lynn (DPU) <Lynn.Gardiner@mass.gov>

Alarm: Display the following message 15m before start

Reminder

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Jamie – we are moving this meeting to Tuesday August 29th at 9:00 am which was your first available time next week. Hopefully this day and time still works for you, but if it does not please let me know and I will move it back to the originally scheduled time.

Have a great weekend, Hilary

Hilary Gold is inviting you to a scheduled Zoom meeting.

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Meeting ID: 901 306 7037

One tap mobile

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- +1 507 473 4847 US
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- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US

Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl



From: Hilary Gold hgold@advancedenergyunited.org

To: Hannah Polikov hpolikov@advancedenergyunited.org, James Van Nostrand

<james.vannostrand@mass.gov>, "lynn.gardiner@mass.gov" <lynn.gardiner@mass.gov>

Subject: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Date: Fri, 25 Aug 2023 21:20:53 +0000

Importance: Normal **Attachments:** unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Jamie – we are moving this meeting to Tuesday August 29th at 10:00 am which was your first available time next week. Hopefully this day and time still works for you, but if it does not please let me know and I will move it back to the originally scheduled time.

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• +1 360 209 5623 US

Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl

AEE		

Event: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Start Date: 2023-08-29 14:00:00 +0000

End Date: 2023-08-29 14:30:00 +0000

Organizer: Hilary Gold <hgold@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/9013067037?from=addon

Class: X-PERSONAL

Date Created: 2023-10-02 15:15:18 +0000

Date Modified: 2023-10-02 15:15:18 +0000

Priority: 5

DTSTAMP: 2023-08-25 21:20:53 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>; Gardiner, Lynn (DPU) <Lynn.Gardiner@mass.gov>

Alarm: Display the following message 15m before start

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- +1 360 209 5623 US

Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl



From: Hilary Gold hgold@advancedenergyunited.org

To: Hannah Polikov hpolikov@advancedenergyunited.org, James Van Nostrand

<james.vannostrand@mass.gov>

Subject: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Date: Thu, 24 Aug 2023 15:55:16 +0000

Importance: Normal **Attachments:** unnamed

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Hilary Gold is inviting you to a scheduled Zoom meeting.

Topic: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold Time: Aug 30, 2023 10:30 AM Eastern Time (US and Canada)

Join Zoom Meeting

https://advancedenergyunited-org.zoom.us/j/9013067037

Meeting ID: 901 306 7037

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Dial by your location

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Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl

PAEE

Event: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Start Date: 2023-08-30 14:30:00 +0000

End Date: 2023-08-30 15:00:00 +0000

Organizer: Hilary Gold <hgold@advancedenergyunited.org>

Class: X-PERSONAL

Date Created: 2023-10-02 15:15:15 +0000

Date Modified: 2023-10-02 15:15:15 +0000

Priority: 5

DTSTAMP: 2023-08-24 15:55:16 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>

Alarm: Display the following message 15m before start

Reminder

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Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl



Event: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Start Date: 2023-08-29 14:00:00 +0000

End Date: 2023-08-29 14:30:00 +0000

Organizer: Hilary Gold <hgold@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/9013067037?from=addon

Class: X-PERSONAL

Date Created: 2023-08-24 15:55:23 +0000

Date Modified: 2023-08-29 20:00:52 +0000

Priority: 5

DTSTAMP: 2023-08-25 21:20:53 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>; Gardiner, Lynn (DPU) <Lynn.Gardiner@mass.gov>

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Jamie – we are moving this meeting to Tuesday August 29th at 10:00 am which was your first available time next week. Hopefully this day and time still works for you, but if it does not please let me know and I will move it back to the originally scheduled time.

Have a great weekend, Hilary

Hilary Gold is inviting you to a scheduled Zoom meeting.

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Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl



Event: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Start Date: 2023-08-30 14:30:00 +0000

End Date: 2023-08-30 15:00:00 +0000

Organizer: Hilary Gold <hgold@advancedenergyunited.org>

Class: X-PERSONAL

Date Created: 2023-09-10 18:58:23 +0000

Date Modified: 2023-09-10 18:58:23 +0000

Priority: 5

DTSTAMP: 2023-08-24 15:55:16 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>

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Event: Chair Jamie Van Nostrand, Hannah Polikov, and Hilary Gold

Start Date: 2023-08-29 14:00:00 +0000

End Date: 2023-08-29 14:30:00 +0000

Organizer: Hilary Gold <hgold@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/9013067037?from=addon

Class: X-PERSONAL

Date Created: 2023-09-10 18:58:23 +0000

Date Modified: 2023-09-10 18:58:23 +0000

Priority: 5

DTSTAMP: 2023-08-25 20:42:09 +0000

Attendee: Hannah Polikov hpolikov@advancedenergyunited.org; VanNostrand, James (DPU)

<James.VanNostrand@mass.gov>; Gardiner, Lynn (DPU) <Lynn.Gardiner@mass.gov>

Alarm: Display the following message 15m before start

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- +1 360 209 5623 US

Meeting ID: 901 306 7037

Find your local number: https://advancedenergyunited-org.zoom.us/u/kQr6mkttl



From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "VanNostrand, James (DPU)" < james.vannostrand@mass.gov>

Cc: Christina Kurre <ckurre@advancedenergyunited.org>

Subject: NYU Fellowship for PUCs

Date: Fri, 01 Sep 2023 20:58:17 +0000

Importance: Normal Inline-Images: image.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

As promised, here is the information about the NYU Fellowship for PUCs. The deadline to apply is **September** 8 but they will still accept applications after the deadline. The application itself is very simple as described below:

Apply for an NYU Fellow - State Commissions

- Please provide a general description of the proposed portfolio of work for the fellow.
 - If you are proposing a specific project for the fellow, please identify how much of the fellow's time you expect it would occupy, and any other general types of work you would give to the fellow.
 - Please discuss how the proposed work advances affordable, reliable, equitable, clean energy.
- Please provide a general description of the planned supervision and mentoring of the fellow.
- · Please provide details about qualifications for the desired fellow (e.g., attorney or non-attorney, other graduate degree; level of experience), salary range, and remote/in-person requirements. Note: if selected, your agency will be responsible for recruiting and selecting the candidate.
- · Applications should identify any state-specific limitations or requirements governing the appointment of an employee paid by an outside funding source, and include a written confirmation that the agency has the authority to bring on an NYU Fellow as a Special Policy Assistant (or similar title).

The application deadline is September 8, 2023. We will continue reviewing applications after that date and will

Please direct questions and application materials to Jessica Bell, jessica.bell@nyu.edu.

make additional selections as funding permits. Each fellowship will support a full-time position for one year, with the possibility to extend, depending on funding.

Have a wonderful weekend! Hannah

Hannah Polikov

Managing Director

Advanced Energy United

Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited



Center Staff

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Fellows Program

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From: "VanNostrand, James (DPU)" <James.VanNostrand@mass.gov>

To: "Kelly, Theresa (DPU)" < theresa.kelly@mass.gov>, "Echeverria, Teddy (DPU)" < Teddy.Echeverria@mass.gov>

Subject: Re: NYU Fellowship for PUCs **Date:** Tue, 05 Sep 2023 21:57:36 +0000

Importance: Normal

Inline-Images: image001.png; image002.jpg

Thanks.

Get Outlook for iOS

From: Kelly, Theresa (DPU) < theresa.kelly@mass.gov> Sent: Tuesday, September 5, 2023 5:54:42 PM

To: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; Echeverria, Teddy (DPU) <Teddy.Echeverria@mass.gov>

Subject: RE: NYU Fellowship for PUCs

Hello,

Teddy and I have this on our screen, and believe we have a plan to proceed.

Theresa

From: VanNostrand, James (DPU) < James. VanNostrand@mass.gov>

Sent: Tuesday, September 5, 2023 4:48 PM

To: Echeverria, Teddy (DPU) <Teddy.Echeverria@mass.gov>; Kelly, Theresa (DPU) <theresa.kelly@mass.gov>

Subject: FW: NYU Fellowship for PUCs

I wanted to sure this is on someone's screen, so we can take advantage of this opportunity for free resources. We were able to obtain a DOE fellow that assisted in the DG interconnection work, where we are very much overloaded. That may be a good spot for an NYU fellow as well.

Please let me know if you have any follow-up questions. Thanks.

Best, Jamie

 $\textbf{From:} \ \ \textbf{Hannah Polikov} < \underline{\textbf{hpolikov@advancedenergyunited.org}} >$

Sent: Friday, September 1, 2023 4:58 PM

To: VanNostrand, James (DPU) < <u>James.VanNostrand@mass.gov</u>> Cc: Christina Kurre < <u>ckurre@advancedenergyunited.org</u>>

Subject: NYU Fellowship for PUCs

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 - If you are proposing a specific project for the fellow, please identify how much of the fellow's time you expect it would occupy, and any other general types of work you would give to the fellow.
 - Please discuss how the proposed work advances affordable, reliable, equitable, clean energy.
- Please provide a general description of the planned supervision and mentoring of the fellow.
- Please provide details about qualifications for the desired fellow (e.g., attorney or non-attorney, other graduate degree; level of experience), salary range, and remote/in-person requirements. Note: if selected, your agency will be responsible for recruiting and selecting the candidate.
- Applications should identify any state-specific limitations or requirements governing the appointment of an employee paid by an outside funding source, and include a written confirmation that the agency has the authority to bring on an NYU Fellow as a Special Policy Assistant (or similar title).

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Please direct questions and application materials to Jessica Bell, jessica.bell@nyu.edu.

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Have a wonderful weekend! Hannah

Hannah Polikov

Managing Director **Advanced Energy United**Transforming Policy. Expanding Markets.

e: hpolikov@advancedenergyunited.org

o: 202.380.1950 x1028 m: 410.375.3654

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" < james.vannostrand@mass.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: September 15 Eastern Commissioners Forum on Offshore Wind Transmission Final Logistics

and Slides

Date: Fri, 08 Sep 2023 17:01:38 +0000

Importance: Normal

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Dear Chair Van Nostrand,

We are looking forward to seeing you **next Friday, September 15** at the next session of our **Eastern Commissioners Forum on Offshore Wind Transmission** series. This session will cover **Lessons on Planning and Cost Allocation from MISO MVP and Beyond** that can be applied to offshore wind transmission in the east.

Here are **final logistics and slides** for the discussion:

- The virtual discussion will run from 2:00-3:15pm ET.
- Here is the <u>link</u> to the zoom meeting, and the meeting ID is: 284 679 6295.
- Please join by video and keep your video on for the duration of the session. This will help create a more inperson feel and facilitate an active discussion.
- Here is the <u>slide deck</u>, including the <u>agenda</u> (slide 2), for the discussion. While no preparation is needed for the session, you are welcome to review the deck and **think about the questions posed on slides 5, 13, and 21.**
- Our conversation-starting experts for the session will be two people who were integral to MISO MVP
 development in their roles at the time of PUC Chair, governor advisor and MISO executive. They literally
 wrote the book (or rather the <u>seminole paper</u>) on lessons learned from MISO MVP:
 - o Edward Garvey, former MN PUC Chair and Advisor to the MN Governor, and
 - o David Boyd, former MN PUC Chair and MISO VP of Government & Regulatory Affairs

The list of attendees so far is as follows:

- CT Chair Marissa Gillett
- DC Chair Emile Thompson
- DE Chair Dallas Winslow
- MA Chair James Van Nostrand
- MD Chair Fred Hoover
- ME Chair Philip Bartlett
- NC Chair Charlotte Mitchell
- NY Chair Rory Christian
- · VT Commissioner Riley Allen

Please let us know if you have any questions. Looking forward to seeing you next Friday!

Best, Hannah and Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

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e: ckurre@advancedenergyunited.org
o: 202.380.1950 x3074
Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

F	AEE			

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" <james.vannostrand@state.ma.us>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: Offshore Wind Transmission Virtual Session Slides and Feedback

Date: Tue, 19 Sep 2023 14:18:49 +0000

Importance: Normal

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Dear Chair Van Nostrand,

Thank you for attending our forum on Offshore Wind Transmission: MISO MVP Process last week. Here is the <u>slide</u> <u>deck</u> we used during the presentation. Our speakers Edward Garvey and David Boyd also wrote <u>this paper</u> on the MISO MVP Process.

We would appreciate your feedback on the forum through this survey. Please let us know if you have any questions.

Best, Christina

Christina Kurre

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited



From: "VanNostrand, James (DPU)" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2165dba6204644c5b288cf319cda67b1-

fd49d100-b2>

To: "Hannah Polikov" <hpolikov@advancedenergyunited.org>
Subject: Accepted: Eastern Cmsrs OSW Cost Allocation: MISO MVP

Date: Thu, 15 Jun 2023 18:25:25 +0000

Importance: Normal **Attachments:** unnamed

Event: Accepted: Eastern Cmsrs OSW Cost Allocation: MISO MVP

Start Date: 2023-09-15 18:00:00 +0000

End Date: 2023-09-15 19:15:00 +0000

Organizer: Hannah Polikov hpolikov@advancedenergyunited.org

Location: https://advancedenergyunited-org.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-06-15 18:25:25 +0000

Date Modified: 2023-06-15 18:25:29 +0000

Priority: 5

DTSTAMP: 2023-06-15 18:25:24 +0000

Event: Eastern Cmsrs OSW Cost Allocation: MISO MVP

Start Date: 2023-09-15 18:00:00 +0000

End Date: 2023-09-15 19:15:00 +0000

Organizer: Hannah Polikov <hpolikov@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-06-15 18:25:42 +0000

Date Modified: 2023-09-15 19:45:13 +0000

Priority: 5

DTSTAMP: 2023-06-15 15:18:41 +0000

Attendee: Gillett, Marissa < Marissa. Gillett@ct.gov>; Thompson, Emile (PSC)

<ethompson@psc.dc.gov>; Bartlett, Phil <Phil.Bartlett@maine.gov>;

carleton.b.simpson@puc.nh.gov <carleton.b.simpson@puc.nh.gov>; Christian, Rory (DPS)

<Rory.Christian@dps.ny.gov>; Mitchell, Charlotte <cmitchell@ncuc.net>; smd@pa.gov

<smd@pa.gov>; Allen, Riley <riley.allen@vermont.gov>; Christina Kurre

<ckurre@advancedenergyunited.org>; VanNostrand, James (DPU)

<james.vannostrand@state.ma.us>

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Meeting ID: 284 679 6295

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Meeting ID: 284 679 6295

Find your local number: https://advancedenergyunited-org.zoom.us/u/kuvlyYP10

Event: Eastern Cmsrs OSW Cost Allocation: MISO MVP

Start Date: 2023-09-15 18:00:00 +0000

End Date: 2023-09-15 19:15:00 +0000

Organizer: Hannah Polikov hpolikov@advancedenergyunited.org

Location: https://advancedenergyunited-org.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-06-30 16:26:26 +0000

Date Modified: 2023-06-30 16:26:26 +0000

Priority: 5

DTSTAMP: 2023-06-15 15:18:41 +0000

Attendee: Gillett, Marissa < Marissa. Gillett@ct.gov>; Thompson, Emile (PSC)

<ethompson@psc.dc.gov>; Bartlett, Phil <Phil.Bartlett@maine.gov>;

carleton.b.simpson@puc.nh.gov <carleton.b.simpson@puc.nh.gov>; Christian, Rory (DPS)

<Rory.Christian@dps.ny.gov>; Mitchell, Charlotte <cmitchell@ncuc.net>; smd@pa.gov

<smd@pa.gov>; Allen, Riley <riley.allen@vermont.gov>; Christina Kurre

<ckurre@advancedenergyunited.org>; VanNostrand, James (DPU)

<james.vannostrand@state.ma.us>

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From: Hannah Polikov hpolikov@advancedenergyunited.org

To: "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, "Bartlett, Phil" <Phil.Bartlett@maine.gov>,

"carleton.b.simpson@puc.nh.gov" <carleton.b.simpson@puc.nh.gov>, "Christian, Rory (DPS)" <Rory.Christian@dps.ny.gov>, "Mitchell, Charlotte" <cmitchell@ncuc.net>,

"smd@pa.gov" <smd@pa.gov>, "Allen, Riley" <riley.allen@vermont.gov>, Christina Kurre

<ckurre@advancedenergyunited.org>, "VanNostrand, James (DPU)"

<james.vannostrand@mass.gov>

Subject: Eastern Cmsrs OSW Cost Allocation: MISO MVP

Date: Thu, 15 Jun 2023 15:18:41 +0000

Importance: Normal Attachments: unnamed

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- +13052241968,,2846796295# US

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- +1 301 715 8592 US (Washington DC)
- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 558 8656 US (New York)
- +1 646 931 3860 US
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://advancedenergyunited-org.zoom.us/u/kuvlyYP1o

Event: Eastern Cmsrs OSW Cost Allocation: MISO MVP

Start Date: 2023-09-15 18:00:00 +0000

End Date: 2023-09-15 19:15:00 +0000

Organizer: Hannah Polikov hpolikov@advancedenergyunited.org

Location: https://advancedenergyunited-org.zoom.us/j/2846796295?from=addon

Class: X-PERSONAL

Date Created: 2023-10-02 15:07:56 +0000

Date Modified: 2023-10-02 15:07:56 +0000

Priority: 5

DTSTAMP: 2023-06-15 15:18:41 +0000

Attendee: Gillett, Marissa < Marissa. Gillett@ct.gov>; Thompson, Emile (PSC)

<ethompson@psc.dc.gov>; Bartlett, Phil <Phil.Bartlett@maine.gov>;

carleton.b.simpson@puc.nh.gov <carleton.b.simpson@puc.nh.gov>; Christian, Rory (DPS)

<Rory.Christian@dps.ny.gov>; Mitchell, Charlotte <cmitchell@ncuc.net>; smd@pa.gov

<smd@pa.gov>; Allen, Riley <riley.allen@vermont.gov>; Christina Kurre

<ckurre@advancedenergyunited.org>; VanNostrand, James (DPU)

<james.vannostrand@state.ma.us>

Alarm: Display the following message 15m before start

Reminder

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hannah Polikov is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

https://advancedenergyunited-org.zoom.us/j/2846796295?from=addon

Meeting ID: 284 679 6295

One tap mobile +13017158592,,2846796295# US (Washington DC)

Dial by your location

- +1 301 715 8592 US (Washington DC)
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- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
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- +1 646 931 3860 US
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)

Meeting ID: 284 679 6295

Find your local number: https://advancedenergyunited-org.zoom.us/u/kuvlyYP10

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" <james.vannostrand@state.ma.us>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org**Subject:** Offshore Wind Transmission Virtual Session Feedback

Date: Fri, 15 Sep 2023 19:41:34 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

Thank you for attending the virtual forum this afternoon on Offshore Wind Transmission. We would appreciate any feedback you have on the session through <u>this survey</u>. Please feel free to reach out if you have any questions. Have a good weekend.

Best, Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

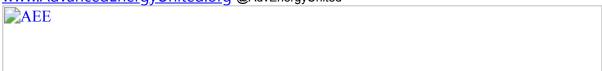
Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited



From: "McKissick, Floyd" <fmckissick@ncuc.net>

To: Sophie Watterson <swatterson@advancedenergyunited.org>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>,

"McCabe, Ann" < Ann. McCabe@Illinois.gov>, "rory.christian@dps.ny.gov"

<rory.christian@dps.ny.gov>, Jehmal Hudson < Jehmal.Hudson@scc.virginia.gov>, "Valcq,

Rebecca" < Rebecca. Valcq@wisconsin.gov>, "carreona@michigan.gov"

<carreona@michigan.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>,

"john.reynolds@cpuc.ca.gov" < John.Reynolds@cpuc.ca.gov>, Davante Lewis

<davante.lewis@la.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>,

"staci.rubin@mass.gov" <staci.rubin@mass.gov>, "Christine.guhl-sadovy@bpu.nj.gov"

<Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org**Subject:** Re: Topic Survey 2024 Commissioners Equity Cohort

Date: Wed, 11 Oct 2023 15:59:46 +0000

Importance: Normal

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please share your resource library with Freda Hilburn our Operations Manager, her email address is hilburn@ncuc.net and with Heather Fennell who's Deputy General Counsel and Assistant Director of our research staff, her email address is hfennell@ncuc.net. Another person that would benefit from the information is our General Counsel, Sam Watson, his email address is swatson@ncuc.net. I appreciate your follow up. Thanks

Get Outlook for iOS

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Sent: Monday, October 2, 2023 12:21:25 PM

To: Blank - DORA, Eric <eric.blank@state.co.us>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>; carreona@michigan.gov <carreona@michigan.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Gillett, Marissa <Marissa.Gillett@ct.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; Davante Lewis <davante.lewis@la.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; staci.rubin@mass.gov <staci.rubin@mass.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org **Subject:** Re: Topic Survey 2024 Commissioners Equity Cohort

Good morning Commissioners,

Following up on my previous email, we have not received concerns about sharing the resource library with PUC staff colleagues. If you would like me to share access with any of your staff, please send me their email addresses.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

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From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Friday, September 22, 2023 at 10:16 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>, carreona@michigan.gov <carreona@michigan.gov>, McKissick, Floyd <fmckissick@ncuc.net>, Gillett, Marissa <Marissa.Gillett@ct.gov>, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, Davante Lewis <davante.lewis@la.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>, staci.rubin@mass.gov <staci.rubin@mass.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org **Subject:** Re: Topic Survey 2024 Commissioners Equity Cohort

Good morning Commissioners,

I've received multiple requests to share the <u>Commissioners Equity Cohort Resource Library 2023-2024.xlsx</u> with staff at your respective Commissions. Right now, access to this resource library is limited to cohort members, but we would like to be responsive to these requests and make this compilation of resources available.

If you have any concerns about extending access to staff colleagues or would like us to remove certain information before doing so, please let me know by next Friday, September 29th.

Finally, thanks to those of you who completed the 2024 topic survey. If you haven't already, we'd love your input on next year's sessions here.

Have a great weekend,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org
o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Friday, September 15, 2023 at 8:48 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>, carreona@michigan.gov <carreona@michigan.gov>, McKissick, Floyd <fmckissick@ncuc.net>, Gillett, Marissa <Marissa.Gillett@ct.gov>, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, Davante Lewis <davante.lewis@la.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>, staci.rubin@mass.gov <staci.rubin@mass.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Hannah Polikov <hpolikov@advancedenergyunited.org>

Subject: Topic Survey 2024 Commissioners Equity Cohort

Good morning Commissioners,

Happy Friday, everyone! As we enter fall and the last few months of 2023, we're starting to plan content for next year's quarterly equity cohort calls. Please complete this survey by next Friday, September 22nd to help us select which topics to cover and how based on your interests. Thanks to many of you who have shared ideas and input with me for next year over the past few months!

We're looking forward to our Q4 2023 equity cohort call on Friday, October 27th 9-10:30am PT/12-1:30pm ET where we'll be hearing from Justin Schott of the Energy Equity Project and Colorado Chair Eric Blank on topics related to using metrics, data, and digital tools to advance equity. We'll share materials and more information in advance of the call!

If you have any questions or difficulty accessing the survey, please let me know.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

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AEE		

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

From: Christina Kurre < ckurre@advancedenergyunited.org> **To:** "cecile.fraser@state.ma.us" < cecile.fraser@mass.gov>

Subject: Annual NARUC Dinner Invite Monday, November 13 at 6 pm

Date: Mon, 11 Sep 2023 16:09:07 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Fraser,

I hope this finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be holding for Commissioners and advanced energy companies on Monday, November 13 from 6-8pm in La Quinta, CA during the Annual NARUC conference. The dinner will be Dutch style, so everyone will pay for themselves.

These informal dinners have been a great way to connect with knowledgeable people and learn about the latest in energy innovations. Please RSVP by emailing me (ckurre@advancedenergyunited.org). I hope you will be able to join us!

Best, Christina

This event is not sponsored by Annual NARUC, nor is it a part of the official Annual NARUC agenda.

Christina Kurre

Associate Advanced Energy United Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

AEE			

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

Subject: Re: Annual NARUC Dinner Invite Monday, November 13 at 6 pm

Date: Mon, 11 Sep 2023 20:58:07 +0000

Importance: Normal

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Rubin,

Thank you for letting me know.

Best, Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) <staci.rubin@mass.gov> Sent: Monday, September 11, 2023 4:30 PM

To: Christina Kurre <ckurre@advancedenergyunited.org>

Subject: RE: Annual NARUC Dinner Invite Monday, November 13 at 6 pm

Dear Christina:

Thank you for the invitation. I am not traveling to La Quinta this November so I will miss this gathering. I look forward to connecting at a future NARUC event.

Best,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Monday, September 11, 2023 12:14 PM To: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: Annual NARUC Dinner Invite Monday, November 13 at 6 pm

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Dear Commissioner Rubin,

I hope this finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be holding for Commissioners and advanced energy companies on Monday, November 13 from 6-8pm in La Quinta, CA during the Annual NARUC conference. The dinner will be Dutch style, so everyone will pay for themselves.

These informal dinners have been a great way to connect with knowledgeable people and learn about the latest in energy innovations. Please RSVP by emailing me (<u>ckurre@advancedenergyunited.org</u>). I hope you will be able to join us!

Best, Christina

This event is not sponsored by Annual NARUC, nor is it a part of the official Annual NARUC agenda.

Christina Kurre

Associate Advanced Energy United Transforming Policy. Expanding Markets.

e: <u>ckurre@advancedenergyunited.org</u>

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

ra @AdvEnar

<u>www.AdvancedEnergyUnited.org</u> @AdvEnergyUnited					
AEE					
AAFE					
AEE					

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov> **Subject:** Re: Annual NARUC Dinner Invite Monday, November 13 at 6 pm

Date: Mon, 11 Sep 2023 16:21:02 +0000

Importance: Normal

Inline-Images: ~WRD0000.jpg

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Dear Chair Van Nostrand,

Thank you for letting me know. I look forward to seeing you there!

Best,

Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

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From: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>

Sent: Monday, September 11, 2023 12:06 PM

To: Christina Kurre <ckurre@advancedenergyunited.org>

Subject: RE: Annual NARUC Dinner Invite Monday, November 13 at 6 pm

Thanks, Christina. I will plan to attend.

Best, Jamie

From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Monday, September 11, 2023 12:04 PM

To: VanNostrand, James (DPU) < James. VanNostrand@mass.gov> **Subject:** Annual NARUC Dinner Invite Monday, November 13 at 6 pm

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

I hope this finds you well. I am reaching out to invite you to a dinner Advanced Energy United will be holding

for Commissioners and advanced energy companies on Monday, November 13 from 6-8pm in La Quinta, CA during the Annual NARUC conference. The dinner will be Dutch style, so everyone will pay for themselves.

These informal dinners have been a great way to connect with knowledgeable people and learn about the latest in energy innovations. Please RSVP by emailing me (ckurre@advancedenergyunited.org). I hope you will be able to join us!

Best, Christina

This event is not sponsored by Annual NARUC, nor is it a part of the official Annual NARUC agenda.

Christina Kurre

Associate Advanced Energy United Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

AEE

From: "VanNostrand, James (DPU)" <James.VanNostrand@mass.gov>

To: "Christina Kurre" <ckurre@advancedenergyunited.org>

Subject: Accepted: Dinner with Advanced Energy United and Commissioners

Date: Fri, 22 Sep 2023 19:23:43 +0000

Importance: Normal **Attachments:** unnamed

From: Christina Kurre < ckurre@advancedenergyunited.org>

To: "james.vannostrand@mass.gov" <james.vannostrand@mass.gov>, "joconnor@azcc.gov"

<joconnor@azcc.gov>, "kfredriksen@azcc.gov" <kfredriksen@azcc.gov>,
"mary.regan@ky.gov" <mary.regan@ky.gov>, "megan.gilman@state.co.us"

<megan.gilman@state.co.us>, "milt.doumit@utc.wa.gov" <milt.doumit@utc.wa.gov>,

"randall.pinocci@mt.gov" <randall.pinocci@mt.gov>, "tcordova@puc.nv.gov"

<tcordova@puc.nv.gov>

Subject: Dinner with Advanced Energy United and Commissioners

Date: Fri, 22 Sep 2023 18:08:23 +0000

Importance: Normal **Attachments:** unnamed

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From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" < James. VanNostrand@mass.gov>

Subject: Annual NARUC Dinner Monday, November 13 at 6 pm

Date: Tue, 07 Nov 2023 15:37:34 +0000

Importance: Normal

Attachments: Adobe Grill Menu (11-13).pdf

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

We are looking forward to seeing you at the dinner Advanced Energy United is holding for advanced energy companies and Commissioners on November 13th at 6pm. We will be dining at Adobe at the La Quinta resort near the conference rooms. Members attending the dinner represent technologies including transmission, grid enhancing technologies, electric vehicles, large scale and distributed renewables, smart grid, energy efficiency, and large energy users.

To accommodate our large group and on separate checks, the restaurant is requiring that we do a pre fixe menu for \$48 per person plus 8.75% tax and a 24% service charge. The menu is attached. There will be a cash bar if you would like to order any drinks before or during the dinner. For people with dietary restrictions, the restaurant will offer a modified menu.

Please let me know if you have any questions. We look forward to seeing you in La Quinta!

Best, Christina

Christina Kurre

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006



Appetizer:

Ensalada de la Casa

Heirloom Tomato, Burrata Cheese, Lemon-Honey Vinaigrette, Candied Pecans, Frisée, Balsamic

OR

Gazpacho de Sandia

Chilled Watermelon Soup, Honey, Tequila, Mango, Mint, Jalapeno, Sea Salt

Entrée:

Pollo con Mole

Free Range Crispy Chicken, Mole Poblano, Baby Vegetables, Rice, Corn Tortillas

OR

Enchiladas Verdes

Cheese, Tomatillo, Sour Cream, Cilantro, Rice, Beans

OR

Beef Fajitas

Skirt Steak, Beans, Rice, Guacamole, Sour Cream, Tortillas, Onions, Peppers.

From: Christina Kurre <ckurre@advancedenergyunited.org>

To: "VanNostrand, James (DPU)" <James. VanNostrand@mass.gov>

Subject: Re: Annual NARUC Dinner Monday, November 13 at 6 pm

Date: Mon, 13 Nov 2023 19:40:41 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Chair Van Nostrand,

We are looking forward to seeing you at the dinner Advanced Energy United is holding for advanced energy companies and public utility Commissioners tonight. We will be meeting at Adobe Grill at 6pm. Please let me know if you have any questions.

Best, Christina

Christina Kurre (she/her)

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org

o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Christina Kurre <ckurre@advancedenergyunited.org>

Sent: Tuesday, November 7, 2023 10:37 AM

To: VanNostrand, James (DPU) <James.VanNostrand@mass.gov> **Subject:** Annual NARUC Dinner Monday, November 13 at 6 pm

Dear Chair Van Nostrand,

We are looking forward to seeing you at the dinner Advanced Energy United is holding for advanced energy companies and Commissioners on November 13th at 6pm. We will be dining at Adobe at the La Quinta resort near the conference rooms. Members attending the dinner represent technologies including transmission, grid enhancing technologies, electric vehicles, large scale and distributed renewables, smart grid, energy efficiency, and large energy users.

To accommodate our large group and on separate checks, the restaurant is requiring that we do a pre fixe menu for \$48 per person plus 8.75% tax and a 24% service charge. The menu is attached. There will be a cash bar if you would like to order any drinks before or during the dinner. For people with dietary restrictions, the restaurant will offer a modified menu.

Please let me know if you have any questions. We look forward to seeing you in La Quinta!

Best, Christina

Christina Kurre

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ckurre@advancedenergyunited.org
o: 202.380.1950 x3074

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

Event: Accepted: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-11-14 02:00:00 +0000

End Date: 2023-11-14 04:00:00 +0000

Location: Adobe Grill, La Quinta

Class: X-PERSONAL

Date Created: 2023-09-22 19:23:42 +0000

Date Modified: 2023-09-22 19:23:46 +0000

Priority: 5

DTSTAMP: 2023-09-22 19:23:42 +0000

Attendee: Christina Kurre <ckurre@advancedenergyunited.org>

Event: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-11-14 02:00:00 +0000

End Date: 2023-11-14 04:00:00 +0000

Organizer: Christina Kurre <ckurre@advancedenergyunited.org>

Location: Adobe Grill, La Quinta

Class: X-PERSONAL

Date Created: 2023-11-12 10:30:52 +0000

Date Modified: 2023-11-12 10:30:52 +0000

Priority: 5

DTSTAMP: 2023-09-22 18:08:22 +0000

Attendee: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; joconnor@azcc.gov <joconnor@azcc.gov>; kfredriksen@azcc.gov <kfredriksen@azcc.gov>; mary.regan@ky.gov <mary.regan@ky.gov>; megan.gilman@state.co.us <megan.gilman@state.co.us>; milt.doumit@utc.wa.gov <milt.doumit@utc.wa.gov>; randall.pinocci@mt.gov <randall.pinocci@mt.gov>; tcordova@puc.nv.gov <tcordova@puc.nv.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>

Alarm: Display the following message 15m before start

Reminder

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Event: Dinner with Advanced Energy United and Commissioners

Start Date: 2023-11-14 02:00:00 +0000

End Date: 2023-11-14 04:00:00 +0000

Organizer: Christina Kurre < ckurre@advancedenergyunited.org>

Location: Adobe Grill, La Quinta

Class: X-PERSONAL

Date Created: 2023-09-22 18:08:32 +0000

Date Modified: 2023-11-14 15:55:34 +0000

Priority: 5

DTSTAMP: 2023-09-22 18:08:22 +0000

Attendee: VanNostrand, James (DPU) <James.VanNostrand@mass.gov>; joconnor@azcc.gov <joconnor@azcc.gov>; kfredriksen@azcc.gov <kfredriksen@azcc.gov>; mary.regan@ky.gov <mary.regan@ky.gov>; megan.gilman@state.co.us <megan.gilman@state.co.us>; milt.doumit@utc.wa.gov <milt.doumit@utc.wa.gov>; randall.pinocci@mt.gov <randall.pinocci@mt.gov>; tcordova@puc.nv.gov <tcordova@puc.nv.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>

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From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Sophie Watterson" <swatterson@advancedenergyunited.org>

Cc: "Gardiner, Lynn (DPU)" <Lynn.Gardiner@mass.gov>

Subject: RE: Commissioners Equity Cohort October 27th Call and Slide Deck

Date: Wed, 18 Oct 2023 16:02:16 +0000

Importance: Normal

Inline-Images: image001.png

Thank you, Sophie.

I will speak with you on Monday.

Best,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Sophie Watterson <swatterson@advancedenergyunited.org>

Sent: Wednesday, October 18, 2023 9:41 AM
To: Rubin, Staci (DPU) <staci.rubin@mass.gov>
Cc: Gardiner, Lynn (DPU) <Lynn.Gardiner@mass.gov>

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Commissioner Rubin,

This coming Monday afternoon works great. I've just shared a calendar invitation. Looking forward to speaking with you then!

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

From: Rubin, Staci (DPU) < staci.rubin@mass.gov>
Date: Wednesday, October 18, 2023 at 7:47 AM

To: Sophie Watterson <<u>swatterson@advancedenergyunited.org</u>>

Cc: Gardiner, Lynn (DPU) < <u>Lynn.Gardiner@mass.gov</u>>

Subject: RE: Commissioners Equity Cohort October 27th Call and Slide Deck

Dear Sophie:

I would be happy to speak. I can be available on Monday, 10/23 from 4-4:30 or Tuesday, 10/24 from 12-12:30.

Do either of those times work?

Thank you,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Sophie Watterson < swatterson@advancedenergyunited.org

Sent: Monday, October 16, 2023 10:55 AM **To:** Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Commissioner Rubin,

I hope your week is off to a good start! For our upcoming equity cohort meeting, some of the key questions we're working through are 1) how to better identify and serve the most high-need customers with equity-driven investments, 2) how to better coordinate customer support and equity efforts across various customer programs, 3) the role of data in furthering both 1) and 2).

Along these lines, I read in ACEEE's 2023 utility <u>scorecard</u> and affordability <u>policy brief</u> that some MA utilities have "formal or informal data sharing agreements that allow the utilities to identify homes struggling most with unaffordability to target for weatherization" and "explicit programs to connect energy efficiency services to customers at risk of disconnection."

I'd love to learn from any insight you may have on these programs. Are you available for a 30-minute call this week or early next?

Best,

Sophie Watterson
Associate
Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson < <u>swatterson@advancedenergyunited.org</u>>

Date: Monday, October 16, 2023 at 9:40 AM

To: Blank - DORA, Eric < eric.blank@state.co.us >, rory.christian@dps.ny.gov < rory.christian@dps.ny.gov >, McKissick, Floyd < fmckissick@ncuc.net >, Jehmal Hudson < Jehmal.Hudson@scc.virginia.gov >, ann.rendahl@utc.wa.gov < ann.rendahl@utc.wa.gov >, Gillett, Marissa < Marissa.Gillett@ct.gov >, Christine.guhl-sadovy@bpu.nj.gov < Christine.Guhl-Sadovy@bpu.nj.gov >, McCabe, Ann < Ann.McCabe@Illinois.gov >, staci.rubin@mass.gov < staci.rubin@mass.gov >, Davante Lewis < davante.lewis@la.gov >, john.reynolds@cpuc.ca.gov < John.Reynolds@cpuc.ca.gov >, Valcq, Rebecca < Rebecca.Valcq@wisconsin.gov >, carreona@michigan.gov < CarreonA@michigan.gov >, Thompson, Emile (PSC) < ethompson@psc.dc.gov >
Cc: Hannah Polikov < hpolikov@advancedenergyunited.org >, Justin Schott < jbschott@umich.edu >
Subject: Commissioners Equity Cohort October 27th Call and Slide Deck

Dear Commissioners,

We are looking forward to our upcoming Q4 Commissioners Equity Cohort virtual meeting on **Friday, October 27th 9-10:30am PT/12-1:30pm ET**. This meeting will be held via Zoom. Please join by video using this link, which is included in the calendar invitation.

Our Q4 call will be focused on **Equity Metrics**, **Data**, **and Tools** with an introductory presentation by <u>Justin Schott</u> of The Energy Equity Project and followed by a case clinic session with Colorado Chair Eric Blank.

What you should know about the case clinic session:

- The case clinic is a peer coaching process used to identify and evaluate options for addressing the problem identified in the case.
- The subject (Chair Blank) will briefly present the background, key problem, a proposed approach, and discussion questions for you to respond to.
- Your engagement and ideas make the case clinic valuable.

Please review the attached slide deck* and come prepared to discuss the problem, proposed new approach, and questions presented in Chair Blank's slides (slides 53-58 of PDF). I will be reaching out to a few of you all individually (if I haven't already) to learn more about relevant activities in your state that I may ask you to briefly share during the case clinic. Finally, we welcome you to reflect on the additional discussion questions posed on slides 10, 45, and 60.

Please let us know if you have any questions in advance of the meeting.

Warmly, Sophie and Hannah

*The deck has been compressed to reduce the size of the attachment. Please let me know if you have any trouble accessing the slides.

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org
o: 202.380.1950 x3035 m: 434.466.2840
Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006
www.AdvancedEnergyUnited.org @AdvEnergyUnited

Image removed by sender. AEE		

From: Sophie Watterson < swatterson@advancedenergyunited.org>

To: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

Date: Thu, 26 Oct 2023 13:35:47 +0000

Importance: Normal

Inline-Images: image001.png

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Commissioner Rubin,

Thank you for the heads up! That sounds good. Please reach out if you have any questions about the last 30 minutes of the call.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: <u>swatterson@advancedenergyunited.org</u>

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Rubin, Staci (DPU) <staci.rubin@mass.gov> Date: Wednesday, October 25, 2023 at 3:53 PM

To: Sophie Watterson <swatterson@advancedenergyunited.org> **Cc:** Hannah Polikov <hpolikov@advancedenergyunited.org>

Subject: RE: Commissioners Equity Cohort October 27th Call and Slide Deck

Dear Sophie and Hannah:

I just realized that I am double-booked this Friday from 1:00-1:30 so I will need to leave the Equity Cohort call early. My apologies, but I have to prioritize a different meeting at 1:00. Looking at the agenda, it appears that I will have time to comment on the Massachusetts data-sharing item after Chair Blank speaks.

Thank you for your understanding,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Rubin, Staci (DPU)

Sent: Monday, October 23, 2023 5:05 PM

To: Sophie Watterson <swatterson@advancedenergyunited.org>

Subject: RE: Commissioners Equity Cohort October 27th Call and Slide Deck

Thank you, Sophie. I received this email.

See you on Friday,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Sophie Watterson < swatterson@advancedenergyunited.org

Sent: Monday, October 23, 2023 4:59 PM

To: Rubin, Staci (DPU) < staci.rubin@mass.gov>

Subject: FW: Commissioners Equity Cohort October 27th Call and Slide Deck

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Commissioner Rubin,

Please see the email body below with details for this Friday's call! My apologies that this did not go through earlier due to the attachment size.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <<u>swatterson@advancedenergyunited.org</u>>

Date: Monday, October 16, 2023 at 9:40 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>,
McKissick, Floyd <fmckissick@ncuc.net>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>,
ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Gillett, Marissa <Marissa.Gillett@ct.gov>, Christine.guhlsadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>,
staci.rubin@mass.gov <staci.rubin@mass.gov>, Davante Lewis <davante.lewis@la.gov>,
john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>,
carreona@michigan.gov <CarreonA@michigan.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>
Cc: Hannah Polikov <hpolikov@advancedenergyunited.org>, Justin Schott <jbschott@umich.edu>
Subject: Commissioners Equity Cohort October 27th Call and Slide Deck
Dear Commissioners,

We are looking forward to our upcoming Q4 Commissioners Equity Cohort virtual meeting on **Friday, October 27th 9-10:30am PT/12-1:30pm ET**. This meeting will be held via Zoom. Please join by video using this link, which is included in the calendar invitation.

Our Q4 call will be focused on **Equity Metrics**, **Data**, **and Tools** with an introductory presentation by <u>Justin Schott</u> of The Energy Equity Project and followed by a case clinic session with Colorado Chair Eric Blank.

What you should know about the case clinic session:

- The case clinic is a peer coaching process used to identify and evaluate options for addressing the problem identified in the case.
- The subject (Chair Blank) will briefly present the background, key problem, a proposed approach, and discussion questions for you to respond to.
- Your engagement and ideas make the case clinic valuable.

Please review the attached slide deck* and come prepared to discuss the problem, proposed new approach, and questions presented in Chair Blank's slides (slides 53-58 of PDF). I will be reaching out to a few of you all individually (if I haven't already) to learn more about relevant activities in your state that I may ask you to briefly share during the case clinic. Finally, we welcome you to reflect on the additional discussion questions posed on slides 10, 45, and 60.

Please let us know if you have any questions in advance of the meeting.

Warmly,

Sophie and Hannah

*The deck has been compressed to reduce the size of the attachment. Please let me know if you have any trouble accessing the slides.

Sophie Watterson

Associate

Advanced Energy United

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e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

From: "McKissick, Floyd" < fmckissick@ncuc.net>

To: Sophie Watterson <swatterson@advancedenergyunited.org>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "staci.rubin@mass.gov" <staci.rubin@mass.gov>, Davante Lewis <davante.lewis@la.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "Valcq, Rebecca" <Rebecca.Valcq@wisconsin.gov>, "carreona@michigan.gov" <CarreonA@michigan.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org, Justin Schott jbschott@umich.edu

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

Date: Thu, 26 Oct 2023 17:02:25 +0000

Importance: Normal

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Let me first thank you for the assistance you have provided in connection with the potential SEARUC Commissioners only conference. I will get back in touch with you after I receive input during our upcoming November meeting. Secondly I wanted to let you know that I was able to open the slide deck for tomorrow's meeting. I didn't expect it to be 65 pages . I now see why you were concerned about the size of the slide deck. I look forward to joining your virtual meeting tomorrow.

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From: Sophie Watterson <swatterson@advancedenergyunited.org>

Sent: Thursday, October 26, 2023 9:50:02 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; staci.rubin@mass.gov <staci.rubin@mass.gov>; Davante Lewis <davante.lewis@la.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>
Cc: Hannah Polikov <hpolikov@advancedenergyunited.org>; Justin Schott <jbschott@umich.edu>

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

Good morning all,

We're looking forward to seeing everyone on Zoom tomorrow 9-10:30am PT/12-1:30pm ET for our Q4 Commissioners Equity Cohort call. Please see my previous email for details – we encourage everyone to review the slides and come prepared to join in the discussion! If you have any questions or difficulty accessing the file attachment, please let me know.

Best,

Sophie Watterson
Associate
Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Monday, October 16, 2023 at 9:40 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, McKissick, Floyd <fmckissick@ncuc.net>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Gillett, Marissa <Marissa.Gillett@ct.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, staci.rubin@mass.gov <staci.rubin@mass.gov>, Davante Lewis <davante.lewis@la.gov>, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>, carreona@michigan.gov <CarreonA@michigan.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>
Cc: Hannah Polikov <hpolikov@advancedenergyunited.org>, Justin Schott <jbschott@umich.edu>
Subject: Commissioners Equity Cohort October 27th Call and Slide Deck

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Please let us know if you have any questions in advance of the meeting.

Warmly,

Sophie and Hannah

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Sophie Watterson

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e: swatterson@advancedenergyunited.org

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www.AdvancedEnergyUnited.org @AdvEnergyUnited

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From: "McKissick, Floyd" < fmckissick@ncuc.net>

To: Sophie Watterson <swatterson@advancedenergyunited.org>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "staci.rubin@mass.gov" <staci.rubin@mass.gov>, Davante Lewis <davante.lewis@la.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "Valcq, Rebecca" <Rebecca.Valcq@wisconsin.gov>, "carreona@michigan.gov" <CarreonA@michigan.gov>, "Thompson, Emile (PSC)"

Cc: Hannah Polikov hpolikov@advancedenergyunited.org, Justin Schott jbschott@umich.edu

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

Date: Thu, 26 Oct 2023 16:20:09 +0000

<ethompson@psc.dc.gov>

Importance: Normal

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From: Sophie Watterson <swatterson@advancedenergyunited.org>

Sent: Thursday, October 26, 2023 9:50:02 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; staci.rubin@mass.gov <staci.rubin@mass.gov>; Davante Lewis <davante.lewis@la.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>
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Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

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Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

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Date: Monday, October 16, 2023 at 9:40 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, McKissick, Floyd <fmckissick@ncuc.net>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Gillett, Marissa <Marissa.Gillett@ct.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, staci.rubin@mass.gov <staci.rubin@mass.gov>, Davante Lewis <davante.lewis@la.gov>, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>, carreona@michigan.gov <CarreonA@michigan.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>
Cc: Hannah Polikov <hpolikov@advancedenergyunited.org>, Justin Schott <jbschott@umich.edu>
Subject: Commissioners Equity Cohort October 27th Call and Slide Deck

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Warmly,

Sophie and Hannah

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Sophie Watterson

Associate

Advanced Energy United

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e: swatterson@advancedenergyunited.org

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Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

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From: "Rendahl, Ann (UTC)" <ann.rendahl@utc.wa.gov>

To: Sophie Watterson <swatterson@advancedenergyunited.org>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>,

"McKissick, Floyd" <fmckissick@ncuc.net>, Jehmal Hudson

<Jehmal.Hudson@scc.virginia.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>,

"Christine.guhl-sadovy@bpu.nj.gov" < Christine.Guhl-Sadovy@bpu.nj.gov>, "McCabe, Ann" < Ann.McCabe@Illinois.gov>, "staci.rubin@mass.gov" < staci.rubin@mass.gov>,

Davante Lewis , "john.reynolds@cpuc.ca.gov"

<John.Reynolds@cpuc.ca.gov>, "Valcq, Rebecca" <Rebecca.Valcq@wisconsin.gov>,

"carreona@michigan.gov" <CarreonA@michigan.gov>, "Thompson, Emile (PSC)"

<ethompson@psc.dc.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org, Justin Schott

<jbschott@umich.edu>

Subject: RE: Commissioners Equity Cohort October 27th Call and Slide Deck

Date: Fri, 27 Oct 2023 16:01:07 +0000

Importance: Normal

Inline-Images: image001.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Sophie and team -

I am not going to be able to join today. My apologies!

Ann

Ann E. Rendahl

Commissioner

Pronouns: She/her/hers Work: (360) 664-1144 Cell: (360) 970-3446 ann.rendahl@utc.wa.gov

www.utc.wa.gov

Respect. Professionalism. Integrity. Accountability.



From: Sophie Watterson <swatterson@advancedenergyunited.org>

Sent: Thursday, October 26, 2023 6:50 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>; rory.christian@dps.ny.gov; McKissick, Floyd <fmckissick@ncuc.net>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Rendahl, Ann (UTC) <ann.rendahl@utc.wa.gov>; Gillett, Marissa

<Marissa.Gillett@ct.gov>; Christine.guhl-sadovy@bpu.nj.gov; McCabe, Ann <Ann.McCabe@Illinois.gov>; staci.rubin@mass.gov; Davante Lewis <davante.lewis@la.gov>; john.reynolds@cpuc.ca.gov; Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>; carreona@michigan.gov; Thompson, Emile (PSC) <ethompson@psc.dc.gov> Cc: Hannah Polikov <hpolikov@advancedenergyunited.org>; Justin Schott <jbschott@umich.edu> Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

External Email

Good morning all,

We're looking forward to seeing everyone on Zoom tomorrow 9-10:30am PT/12-1:30pm ET for our Q4 Commissioners Equity Cohort call. Please see my previous email for details – we encourage everyone to review the slides and come prepared to join in the discussion! If you have any questions or difficulty accessing the file attachment, please let me know.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org
o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson < swatterson@advancedenergyunited.org >

Date: Monday, October 16, 2023 at 9:40 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>,
McKissick, Floyd <fmckissick@ncuc.net>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>,
ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Gillett, Marissa Marissa.Gillett@ct.gov, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, McCabe, Ann Ann.McCabe@Illinois.gov, staci.rubin@mass.gov <staci.rubin@mass.gov >, Davante Lewis davante.lewis@la.gov, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, Valcq, Rebecca Rebecca.Valcq@wisconsin.gov, carreona@michigan.gov <CarreonA@michigan.gov>, Thompson, Emile (PSC) ethompson@psc.dc.gov>
Cc: Hannah Polikov hpolikov@advancedenergyunited.org, Justin Schott jbschott@umich.edu>

Subject: Commissioners Equity Cohort October 27th Call and Slide Deck

Dear Commissioners,

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Our Q4 call will be focused on **Equity Metrics, Data, and Tools** with an introductory presentation by <u>Justin Schott</u> of The Energy Equity Project and followed by a case clinic session with Colorado Chair Eric Blank.

What you should know about the case clinic session:

- The case clinic is a peer coaching process used to identify and evaluate options for addressing the problem identified in the case.
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- Your engagement and ideas make the case clinic valuable.

Please review the attached slide deck* and come prepared to discuss the problem, proposed new approach, and questions presented in Chair Blank's slides (slides 53-58 of PDF). I will be reaching out to a few of you all individually (if I haven't already) to learn more about relevant activities in your state that I may ask you to briefly share during the case clinic. Finally, we welcome you to reflect on the additional discussion questions posed on slides 10, 45, and 60.

Please let us know if you have any questions in advance of the meeting.

Warmly,

Sophie and Hannah

*The deck has been compressed to reduce the size of the attachment. Please let me know if you have any trouble accessing the slides.

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Gardiner, Lynn (DPU)" < Lynn.Gardiner@mass.gov>

Subject: RE: Commissioners Equity Cohort October 27th Call and Slide Deck

Date: Fri, 27 Oct 2023 19:44:42 +0000

Importance: Normal

Inline-Images: image001.png; image002.png

Thank you.

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Gardiner, Lynn (DPU) < Lynn.Gardiner@mass.gov>

Sent: Friday, October 27, 2023 1:55 PM

To: Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: RE: Commissioners Equity Cohort October 27th Call and Slide Deck

I will take care of it.

From: Rubin, Staci (DPU) < staci.rubin@mass.gov>

Sent: Friday, October 27, 2023 1:54 PM

To: Gardiner, Lynn (DPU) < Lynn.Gardiner@mass.gov >

Subject: FW: Commissioners Equity Cohort October 27th Call and Slide Deck

Hi Lynn:

Would you please complete the below <u>scheduling survey</u> to help select dates for next year's Commissioners Equity Cohort quarterly calls?

Thank you,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Sophie Watterson < swatterson@advancedenergyunited.org

Sent: Friday, October 27, 2023 1:45 PM

To: Blank - DORA, Eric < eric.blank@state.co.us; rory.christian@dps.ny.gov; McKissick, Floyd < fmckissick@ncuc.net>;

Jehmal Hudson < Jehmal. Hudson@scc.virginia.gov >; ann.rendahl@utc.wa.gov; Gillett, Marissa

 $<\!\!\underline{Marissa.Gillett@ct.gov}\!\!>; \underline{Christine.guhl-sadovy@bpu.nj.gov}; \underline{McCabe}, \underline{Ann.\underline{McCabe@Illinois.gov}}\!\!>; \underline{Rubin}, \underline{Staci}$

 $(\mathsf{DPU}) < \underline{\mathsf{staci.rubin@mass.gov}}; \mathsf{Davante\ Lewis\ } < \underline{\mathsf{davante.lewis@la.gov}}; \underline{\mathsf{john.reynolds@cpuc.ca.gov}}; \mathsf{Valcq}, \mathsf{Rebecca}$

<<u>Rebecca.Valcq@wisconsin.gov</u>>; <u>carreona@michigan.gov</u>; Thompson, Emile (PSC) <<u>ethompson@psc.dc.gov</u>>

Cc: Hannah Polikov < hpolikov@advancedenergyunited.org>

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

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Please complete both surveys by next Friday, November 3rd.

As usual, I will be compiling resources relevant to today's call for inclusion in the Commissioners Equity Cohort Resource Library and welcome you all to share any resources (reports, orders, proceedings, case studies, mapping tools, etc.) that you would like me to add to the library.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson < swatterson@advancedenergyunited.org

Date: Thursday, October 26, 2023 at 8:50 AM

To: Blank - DORA, Eric < eric.blank@state.co.us >, rory.christian@dps.ny.gov < rory.christian@dps.ny.gov >, McKissick, Floyd < fmckissick@ncuc.net >, Jehmal Hudson < Jehmal.Hudson@scc.virginia.gov >, ann.rendahl@utc.wa.gov >, Gillett, Marissa < Marissa.Gillett@ct.gov >, Christine.guhl-sadovy@bpu.nj.gov < Christine.Guhl-Sadovy@bpu.nj.gov >, McCabe, Ann < Ann.McCabe@Illinois.gov >, staci.rubin@mass.gov < staci.rubin@mass.gov >, Davante Lewis < davante.lewis@la.gov >, john.reynolds@cpuc.ca.gov < John.Reynolds@cpuc.ca.gov >, Valcq, Rebecca < Rebecca.Valcq@wisconsin.gov >, carreona@michigan.gov < CarreonA@michigan.gov >, Thompson, Emile (PSC) < ethompson@psc.dc.gov >

Cc: Hannah Polikov < hpolikov@advancedenergyunited.org, Justin Schott < jbschott@umich.edu>

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Date: Monday, October 16, 2023 at 9:40 AM

To: Blank - DORA, Eric <eric.blank@state.co.us>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>,
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carreona@michigan.gov <CarreonA@michigan.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>
Cc: Hannah Polikov <hpolikov@advancedenergyunited.org>, Justin Schott <jbschott@umich.edu>
Subject: Commissioners Equity Cohort October 27th Call and Slide Deck

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Please let us know if you have any questions in advance of the meeting.

Warmly, Sophie and Hannah

*The deck has been compressed to reduce the size of the attachment. Please let me know if you have any trouble accessing the slides.

Sophie Watterson

Associate

Advanced Energy United Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

From: Sophie Watterson < swatterson@advancedenergyunited.org>

To: "Blank - DORA, Eric" <eric.blank@state.co.us>, "rory.christian@dps.ny.gov"

<rory.christian@dps.ny.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, Jehmal Hudson

<Jehmal.Hudson@scc.virginia.gov>, "ann.rendahl@utc.wa.gov"

<ann.rendahl@utc.wa.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "Christine.guhl-

sadovy@bpu.nj.gov" < Christine.Guhl-Sadovy@bpu.nj.gov>, "McCabe, Ann"

 $<\!\!Ann.McCabe@Illinois.gov>, "staci.rubin@mass.gov" <\!\!staci.rubin@mass.gov>, Davante$

Lewis <davante.lewis@la.gov>, "john.reynolds@cpuc.ca.gov"

<John.Reynolds@cpuc.ca.gov>, "Valcq, Rebecca" <Rebecca.Valcq@wisconsin.gov>,

"carreona@michigan.gov" < CarreonA@michigan.gov>, "Thompson, Emile (PSC)"

<ethompson@psc.dc.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: Re: Commissioners Equity Cohort October 27th Call and Slide Deck

Date: Mon, 06 Nov 2023 16:08:25 +0000

Importance: Normal

Inline-Images: image001.png; image002.png

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioners,

I hope this week is off to a good start for everyone. The Commissioners Equity Cohort Resource Library 2023-2024.xlsx has been updated with resources related to our Q4 session on Equity Metrics, Data, and Tools. Note that the rows under each colored subtopic header may be collapsed or expanded using the + and – signs in the left margin. Please feel free to pass along additional resources for inclusion in the resource library!

If you haven't already, please take a few minutes to complete the following brief surveys at your soonest convenience:

- 1. Feedback survey on our Q4 session
- 2. <u>Scheduling survey</u> to help us select dates for next year's quarterly calls. Feel free to pass this survey along to a colleague who manages your calendar, as you see fit!

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Friday, October 27, 2023 at 12:45 PM

To: Blank - DORA, Eric <eric.blank@state.co.us>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, McKissick, Floyd <fmckissick@ncuc.net>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Gillett, Marissa <Marissa.Gillett@ct.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>,

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Subject: Commissioners Equity Cohort October 27th Call and Slide Deck

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Warmly,

Sophie and Hannah

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Sophie Watterson

Associate

Advanced Energy United

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e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006 www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "staci.rubin@mass.gov" < staci.rubin@mass.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: Sophie/Commissioner Rubin

Date: Wed, 18 Oct 2023 13:39:04 +0000

Importance: Normal Attachments: unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Sophie Watterson is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&from=addon

Meeting ID: 473 884 9439

Passcode: 2RzDJM

One tap mobile

- +13052241968,,4738849439#,,,,*760253# US
- +13092053325,,4738849439#,,,,*760253# US

Dial by your location

- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 558 8656 US (New York)
- +1 646 931 3860 US
- +1 301 715 8592 US (Washington DC)
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US

Meeting ID: 473 884 9439

Passcode: 760253

Find your local number: https://advancedenergyunited-org.zoom.us/u/kc6UhLSda8

Event: Sophie/Commissioner Rubin

Start Date: 2023-10-23 20:00:00 +0000

End Date: 2023-10-23 20:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439?

pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&from=addon

Class: X-PERSONAL

Date Created: 2023-10-18 13:39:11 +0000

Date Modified: 2023-10-18 16:01:59 +0000

Priority: 5

DTSTAMP: 2023-10-18 13:39:04 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Hannah Polikov

<hpolikov@advancedenergyunited.org>

Alarm: Display the following message 15m before start

Reminder

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Meeting ID: 473 884 9439

Passcode: 2RzDJM

One tap mobile

- +13052241968,,4738849439#,,,,*760253# US
- +13092053325,,4738849439#,,,,*760253# US

Dial by your location

- +1 305 224 1968 US
- +1 309 205 3325 US
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- +1 646 558 8656 US (New York)
- +1 646 931 3860 US
- +1 301 715 8592 US (Washington DC)
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US

Meeting ID: 473 884 9439

Passcode: 760253

Find your local number: https://advancedenergyunited-org.zoom.us/u/kc6UhLSda8

Event: Sophie/Commissioner Rubin

Start Date: 2023-10-23 20:00:00 +0000

End Date: 2023-10-23 20:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439?

pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&from=addon

Class: X-PERSONAL

Date Created: 2023-10-18 16:02:15 +0000

Date Modified: 2023-10-23 20:02:01 +0000

Priority: 5

DTSTAMP: 2023-10-18 13:39:04 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Hannah Polikov

<hpolikov@advancedenergyunited.org>

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Sophie Watterson is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&from=addon

Meeting ID: 473 884 9439

Passcode: 2RzDJM

One tap mobile

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Event: Sophie/Commissioner Rubin

Start Date: 2023-10-23 20:00:00 +0000

End Date: 2023-10-23 20:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439?

pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&from=addon

Class: X-PERSONAL

Date Created: 2023-11-03 02:47:16 +0000

Date Modified: 2023-11-03 02:47:16 +0000

Priority: 5

DTSTAMP: 2023-10-18 13:39:04 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Hannah Polikov

<hpolikov@advancedenergyunited.org>

Alarm: Display the following message 15m before start

Reminder

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

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Join Zoom Meeting

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- +1 507 473 4847 US

Meeting ID: 473 884 9439

Passcode: 760253

Find your local number: https://advancedenergyunited-org.zoom.us/u/kc6UhLSda8

From: "Rubin, Staci (DPU)" <staci.rubin@mass.gov>

To: "Gardiner, Lynn (DPU)" < Lynn. Gardiner@mass.gov>

Subject: RE: 2024 Commissioners Equity Cohort Dates

Date: Tue, 05 Dec 2023 22:04:57 +0000

Importance: Normal

Inline-Images: image001.png

Thank you!

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Gardiner, Lynn (DPU) < Lynn.Gardiner@mass.gov>

Sent: Tuesday, December 5, 2023 4:45 PM **To:** Rubin, Staci (DPU) <staci.rubin@mass.gov>

Subject: RE: 2024 Commissioners Equity Cohort Dates

Of course

From: Rubin, Staci (DPU) < staci.rubin@mass.gov>

Sent: Tuesday, December 5, 2023 4:45 PM

To: Gardiner, Lynn (DPU) < <u>Lynn.Gardiner@mass.gov</u>> **Subject:** FW: 2024 Commissioners Equity Cohort Dates

Dear Lynn:

Would you please complete the below scheduling poll for me?

Thank you,

Staci Rubin (she/her)
Commissioner
Massachusetts Department of Public Utilities
One South Station, 3rd Floor
Boston, MA 02110
Staci.Rubin@mass.gov
617-305-3595



From: Sarah Steinberg < ssteinberg@advancedenergyunited.org

Sent: Tuesday, December 5, 2023 4:40 PM

To: Gillett, Marissa < Marissa.Gillett@ct.gov>; Rubin, Staci (DPU) < staci.rubin@mass.gov>; McCabe, Ann

<ann.McCabe@Illinois.gov>; ann.rendahl@utc.wa.gov; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; McKissick,

Floyd <fmckissick@ncuc.net>; carreona@michigan.gov; Christine.guhl-sadovy@bpu.nj.gov

Cc: Sophie Watterson <swatterson@advancedenergyunited.org>

Subject: Re: 2024 Commissioners Equity Cohort Dates

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Dear Commissioners,

We're very much looking forward to digging into this emerging and important subject of "Integrated Gas and Electric Planning" with you all! More details to come on format and speakers, but I do want to note that the topic we'll be focusing on revolves around the intersection of gas distribution companies and electric utilities, especially as it relates to electrification trends.

Here's a doodle poll with options ranging from April 8 through May 3rd: https://doodle.com/meeting/participate/id/eX7VYzVd

Please indicate your availability by Thursday, December 14th if you are interested in joining us for this conversation so that we can hold the time on everyone's calendars.

If you have any questions, musings on the topic, or recommendations for us to consider as we design the session, please don't hesitate to reach out!

Best, Sarah

Sarah Steinberg (she/her)

Directo

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ssteinberg@advancedenergyunited.org

o: 202.380.1950 x3021 m: 860.519.8549

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org/ @AdvEnergyUnited

From: Sophie Watterson <<u>swatterson@advancedenergyunited.org</u>>

Date: Tuesday, December 5, 2023 at 2:09 PM

To: Gillett, Marissa < Marissa.Gillett@ct.gov, staci.rubin@mass.gov staci.rubin@mass.gov

<ethompson@psc.dc.gov>, McKissick, Floyd <fmckissick@ncuc.net>, carreona@michigan.gov

<CarreonA@michigan.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Sarah Steinberg < ssteinberg@advancedenergyunited.org>

Subject: Re: 2024 Commissioners Equity Cohort Dates

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Sarah will follow up with a date poll and further details about this session. If you have any questions, please let us know.

Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson < swatterson@advancedenergyunited.org

Date: Monday, December 4, 2023 at 10:38 AM

To: staci.rubin@mass.gov>, Davante Lewis davante.lewis@la.gov>, john.reynolds@cpuc.ca.gov>, rory.christian@dps.ny.gov

<rory.christian@dps.ny.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, Gillett,

Marissa < <u>Marissa.Gillett@ct.gov</u>>, Jehmal Hudson < <u>Jehmal.Hudson@scc.virginia.gov</u>>, McCabe, Ann

<Ann.McCabe@Illinois.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Blank - DORA, Eric

<eric.blank@state.co.us>, McKissick, Floyd <fmckissick@ncuc.net>, carreona@michigan.gov

<<u>CarreonA@michigan.gov</u>>, Thompson, Emile (PSC) <<u>ethompson@psc.dc.gov</u>>, Hannah Polikov

<hpolikov@advancedenergyunited.org>

Cc: Denise Meade < Denise. Meade@scc.virginia.gov >, Newkirk, Wendy (PSC) < wnewkirk@psc.dc.gov >,

Thompson, Stephanie < sthompson@ncuc.net>

Subject: 2024 Commissioners Equity Cohort Dates

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Q4: Friday, October 25th

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Best,

Sophie Watterson

Associate

Advanced Energy United

Transforming Policy. Expanding Markets.

e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

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From: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

To: "Gillett, Marissa" < Marissa. Gillett@ct.gov>, "staci.rubin@mass.gov"

<staci.rubin@mass.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>,

"ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "Thompson, Emile (PSC)"

<ethompson@psc.dc.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>,

"carreona@michigan.gov" < CarreonA@michigan.gov>, "Christine.guhl-sadovy@bpu.nj.gov"

<Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Sophie Watterson <swatterson@advancedenergyunited.org>

Subject: Re: 2024 Commissioners Equity Cohort Dates

Date: Tue, 05 Dec 2023 21:40:25 +0000

Importance: Normal

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioners,

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Best, Sarah

Sarah Steinberg (she/her)

Director

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e: ssteinberg@advancedenergyunited.org
o: 202.380.1950 x3021 m: 860.519.8549

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org/ @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Tuesday, December 5, 2023 at 2:09 PM

To: Gillett, Marissa <Marissa.Gillett@ct.gov>, staci.rubin@mass.gov <staci.rubin@mass.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>, McKissick, Floyd <fmckissick@ncuc.net>, carreona@michigan.gov

<CarreonA@michigan.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

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Associate

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e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Monday, December 4, 2023 at 10:38 AM

To: staci.rubin@mass.gov <staci.rubin@mass.gov>, Davante Lewis <davante.lewis@la.gov>, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, Gillett, Marissa <Marissa.Gillett@ct.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Blank - DORA, Eric <eric.blank@state.co.us>, McKissick, Floyd <fmckissick@ncuc.net>, carreona@michigan.gov <CarreonA@michigan.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>, Hannah Polikov <hpolikov@advancedenergyunited.org>

Cc: Denise Meade < Denise. Meade@scc.virginia.gov>, Newkirk, Wendy (PSC) < wnewkirk@psc.dc.gov>, Thompson, Stephanie < sthompson@ncuc.net>

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o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson < swatterson@advancedenergyunited.org>

To: "Gillett, Marissa" < Marissa. Gillett@ct.gov>, "staci.rubin@mass.gov"

<staci.rubin@mass.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>,

"ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "Thompson, Emile (PSC)"

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"carreona@michigan.gov" <CarreonA@michigan.gov>, "Christine.guhl-sadovy@bpu.nj.gov"

<Christine.Guhl-Sadovy@bpu.nj.gov>

Cc: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

Subject: Re: 2024 Commissioners Equity Cohort Dates

Date: Tue, 05 Dec 2023 21:09:02 +0000

Importance: Normal

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e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

Date: Monday, December 4, 2023 at 10:38 AM

To: staci.rubin@mass.gov <staci.rubin@mass.gov>, Davante Lewis <davante.lewis@la.gov>, john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>, rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>, Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>, Gillett, Marissa <Marissa.Gillett@ct.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, McCabe, Ann <Ann.McCabe@Illinois.gov>, ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>, Blank - DORA, Eric

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<CarreonA@michigan.gov>, Thompson, Emile (PSC) <ethompson@psc.dc.gov>, Hannah Polikov

<hpolikov@advancedenergyunited.org>

Cc: Denise Meade < Denise. Meade@scc.virginia.gov>, Newkirk, Wendy (PSC) < wnewkirk@psc.dc.gov>,

Thompson, Stephanie <sthompson@ncuc.net>

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Associate

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e: swatterson@advancedenergyunited.org

o: 202.380.1950 x3035 m: 434.466.2840

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org @AdvEnergyUnited

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: Hannah Polikov <a hoolikov@advancedenergyunited.org>, "ann.rendahl@utc.wa.gov" <a hoolign

Cc: "Manriquez, Pilar" <Pilar.Manriquez@cpuc.ca.gov>, "Kahssay, Miriam (DPS)" <Miriam.Kahssay@dps.ny.gov>, Denise Meade <Denise.Meade@scc.virginia.gov>, "Thompson, Stephanie" <sthompson@ncuc.net>, "Faker, Lisa (UTC)" lisa.faker@utc.wa.gov>, "Bill, Silvana S." <Silvana.Bill@illinois.gov>, "Cadwell, Wendy (LARA)" <CadwellW@michigan.gov>, "Hayes - DORA, Mishael" <mishael.hayes@state.co.us>, "Bumpen, Ussawin" <Ussawin.Bumpen@ct.gov>, "Young, Heather - PSC" <heather.young@wisconsin.gov>, "Newkirk, Wendy (PSC)" <wnewkirk@psc.dc.gov>, "Staci.Rubin@state.ma.us" <staci.rubin@mass.gov>, "Christine.Guhl-Sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>, "Sarah Steinberg" <ssteinberg@advancedenergyunited.org>, "mmcdonnell@strategen.com" <mmcdonnell@strategen.com>, Bradley Cebulko <bcebulko@strategen.com>, Davante Lewis <davante.lewis@la.gov>

Subject: Commissioners Cohort

Date: Fri, 14 Jul 2023 16:11:01 +0000

Importance: Normal Attachments: unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Updating the Zoom link for our upcoming meeting.

Please hold this time for our Q3 meeting. This will be a two-hour call in order to cover the content for this session in sufficient detail and provide time for conversation!

Join Zoom Meeting

https://us02web.zoom.us/j/4738849439?pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09

Meeting ID: 473 884 9439

Passcode: 2RzDJM One tap mobile

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+13092053325,,4738849439#,,,,*760253# US

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- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US

Meeting ID: 473 884 9439

Passcode: 760253

Find your local number: https://us02web.zoom.us/u/kDWyrMxBY

Event: Commissioners Cohort

Start Date: 2023-07-24 19:00:00 +0000

End Date: 2023-07-24 21:00:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/87557430520

Class: X-PERSONAL

Date Created: 2023-07-14 16:11:25 +0000

Date Modified: 2023-07-14 16:17:01 +0000

Priority: 5

DTSTAMP: 2023-07-14 16:11:01 +0000

Attendee: Hannah Polikov <hpolikov@advancedenergyunited.org>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; john.reynolds@cpuc.ca.gov < John.Reynolds@cpuc.ca.gov >; Phillips, Tremaine (LARA) <PhillipsT8@michigan.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; Gillett, Marissa <Marissa.Gillett@ct.gov>; McKissick, Floyd <fmckissick@ncuc.net>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Valcq, Rebecca <Rebecca.Valcq@wisconsin.gov>; Manriquez, Pilar < Pilar. Manriquez@cpuc.ca.gov>; Kahssay, Miriam (DPS) <Miriam.Kahssay@dps.ny.gov>; Denise Meade <Denise.Meade@scc.virginia.gov>; Thompson, Stephanie <sthompson@ncuc.net>; Faker, Lisa (UTC) lisa.faker@utc.wa.gov>; Bill, Silvana S. <Silvana.Bill@illinois.gov>; Cadwell, Wendy (LARA) <CadwellW@michigan.gov>; Hayes - DORA, Mishael <mishael.hayes@state.co.us>; Bumpen, Ussawin <Ussawin.Bumpen@ct.gov>; Young, Heather - PSC <heather.young@wisconsin.gov>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Christine.Guhl-Sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Sarah Steinberg <ssteinberg@advancedenergyunited.org>; mmcdonnell@strategen.com <mmcdonnell@strategen.com>; Bradley Cebulko <bcebulko@strategen.com>; Davante Lewis <davante.lewis@la.gov>

Alarm: Display the following message 15m before start

Reminder

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the

content is safe.

Updating the Zoom link for our upcoming meeting.

Please hold this time for our Q3 meeting. This will be a two-hour call in order to cover the content for this session in sufficient detail and provide time for conversation!

Join Zoom Meeting

https://us02web.zoom.us/j/4738849439?pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09

Meeting ID: 473 884 9439

Passcode: 2RzDJM One tap mobile

+13052241968,,4738849439#,,,,*760253# US +13092053325,,4738849439#,,,,*760253# US

Dial by your location

- +1 305 224 1968 US
- +1 309 205 3325 US
- +1 312 626 6799 US (Chicago)
- +1 646 558 8656 US (New York)
- +1 646 931 3860 US
- +1 301 715 8592 US (Washington DC)
- +1 564 217 2000 US
- +1 669 444 9171 US
- +1 669 900 6833 US (San Jose)
- +1 689 278 1000 US
- +1 719 359 4580 US
- +1 253 205 0468 US
- +1 253 215 8782 US (Tacoma)
- +1 346 248 7799 US (Houston)
- +1 360 209 5623 US
- +1 386 347 5053 US
- +1 507 473 4847 US

Meeting ID: 473 884 9439

Passcode: 760253

Find your local number: https://us02web.zoom.us/u/kDWyrMxBY

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "staci.rubin@mass.gov" <staci.rubin@mass.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "carreona@michigan.gov" <CarreonA@michigan.gov>, Davante Lewis <davante.lewis@la.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, Hannah Polikov <hpolikov@advancedenergyunited.org>

Cc: "Thompson, Stephanie" <sthompson@ncuc.net>, Denise Meade
 <Denise.Meade@scc.virginia.gov>, "Newkirk, Wendy (PSC)" <wnewkirk@psc.dc.gov>

Subject: Commissioners Equity Cohort **Date:** Mon, 04 Dec 2023 16:48:27 +0000

Importance: Normal **Attachments:** unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please hold this date and time for our Q2 call. Additional details to come.

Start Date: 2024-05-10 18:00:00 +0000

End Date: 2024-05-10 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=83397702432

Class: X-PERSONAL

Date Created: 2023-12-04 16:48:39 +0000

Date Modified: 2023-12-04 17:04:13 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:48:27 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; McKissick, Floyd <fmckissick@ncuc.net>; McCabe, Ann <Ann.McCabe@Illinois.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

Alarm: Display the following message 15m before start

Reminder

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Please hold this date and time for our Q2 call. Additional details to come.

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "staci.rubin@mass.gov" <staci.rubin@mass.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "carreona@michigan.gov" <CarreonA@michigan.gov>, Davante Lewis <davante.lewis@la.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, Hannah Polikov <hpolikov@advancedenergyunited.org>

Cc: "Newkirk, Wendy (PSC)" <wnewkirk@psc.dc.gov>, "Thompson, Stephanie" <sthompson@ncuc.net>, Denise Meade <Denise.Meade@scc.virginia.gov>

Subject: Commissioners Equity Cohort

Date: Mon, 04 Dec 2023 16:57:21 +0000

Importance: Normal **Attachments:** unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please hold this date and time for our Q4 call. Additional details to come.

Start Date: 2024-10-25 18:00:00 +0000

End Date: 2024-10-25 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=82402008461

Class: X-PERSONAL

Date Created: 2023-12-04 16:57:32 +0000

Date Modified: 2023-12-04 17:04:15 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:57:20 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Gillett, Marissa <Marissa.Gillett@ct.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>

Alarm: Display the following message 15m before start

Reminder

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Please hold this date and time for our Q4 call. Additional details to come.

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "McKissick, Floyd" <fmckissick@ncuc.net>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "carreona@michigan.gov" <CarreonA@michigan.gov>, Davante Lewis <davante.lewis@la.gov>, "Blank - DORA, Eric" <eric.blank@state.co.us>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "staci.rubin@mass.gov" <staci.rubin@mass.gov>, "Christine.guhl-sadovy@bpu.nj.gov"

<Christine.Guhl-Sadovy@bpu.nj.gov>, Hannah Polikov

<hpolikov@advancedenergyunited.org>

Cc: Denise Meade <Denise.Meade@scc.virginia.gov>, "Thompson, Stephanie" <sthompson@ncuc.net>, "Newkirk, Wendy (PSC)" <wnewkirk@psc.dc.gov>

Subject: Commissioners Equity Cohort

Date: Mon, 04 Dec 2023 16:44:39 +0000

Importance: Normal **Attachments:** unnamed

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please hold this date and time for our Q1 call. Additional details to come.

Start Date: 2024-03-01 19:00:00 +0000

End Date: 2024-03-01 20:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=83530169560

Class: X-PERSONAL

Date Created: 2023-12-04 16:44:50 +0000

Date Modified: 2023-12-04 17:03:48 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:44:38 +0000

Attendee: McCabe, Ann <Ann.McCabe@Illinois.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; McKissick, Floyd <fmckissick@ncuc.net>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Denise Meade <Denise.Meade@scc.virginia.gov>; Thompson, Stephanie <sthompson@ncuc.net>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

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Please hold this date and time for our Q1 call. Additional details to come.

From: Sophie Watterson <swatterson@advancedenergyunited.org>

To: "staci.rubin@mass.gov" <staci.rubin@mass.gov>, "Blank - DORA, Eric" <eric.blank@state.co.us>, Davante Lewis <davante.lewis@la.gov>, Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, "Christine.guhl-sadovy@bpu.nj.gov" <Christine.Guhl-Sadovy@bpu.nj.gov>, "rory.christian@dps.ny.gov" <rory.christian@dps.ny.gov>, "ann.rendahl@utc.wa.gov" <ann.rendahl@utc.wa.gov>, "john.reynolds@cpuc.ca.gov" <John.Reynolds@cpuc.ca.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "carreona@michigan.gov"

<CarreonA@michigan.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "McKissick,
Floyd" <fmckissick@ncuc.net>, Hannah Polikov hpolikov@advancedenergyunited.org>
Cc: "Thompson, Stephanie" <sthompson@ncuc.net>, Denise Meade

Subject: Commissioners Equity Cohort **Date:** Mon, 04 Dec 2023 16:52:06 +0000

Importance: Normal **Attachments:** unnamed

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Please hold this date and time for our Q3 call. Additional details to come.

Start Date: 2024-07-26 18:00:00 +0000

End Date: 2024-07-26 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=82462987664

Class: X-PERSONAL

Date Created: 2023-12-04 16:52:20 +0000

Date Modified: 2023-12-04 17:04:14 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:52:06 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; Davante Lewis <davante.lewis@la.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

Alarm: Display the following message 15m before start

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Please hold this date and time for our Q3 call. Additional details to come.

Start Date: 2024-10-25 18:00:00 +0000

End Date: 2024-10-25 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=82402008461

Class: X-PERSONAL

Date Created: 2023-12-04 17:04:11 +0000

Date Modified: 2023-12-04 17:56:29 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:57:20 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Gillett, Marissa <Marissa.Gillett@ct.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>

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Please hold this date and time for our Q4 call. Additional details to come.

Start Date: 2024-05-10 18:00:00 +0000

End Date: 2024-05-10 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=83397702432

Class: X-PERSONAL

Date Created: 2023-12-04 17:04:07 +0000

Date Modified: 2023-12-04 17:56:29 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:48:27 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; McKissick, Floyd <fmckissick@ncuc.net>; McCabe, Ann <Ann.McCabe@Illinois.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

Alarm: Display the following message 15m before start

Reminder

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Please hold this date and time for our Q2 call. Additional details to come.

Start Date: 2024-07-26 18:00:00 +0000

End Date: 2024-07-26 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=82462987664

Class: X-PERSONAL

Date Created: 2023-12-04 17:04:08 +0000

Date Modified: 2023-12-04 17:56:29 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:52:06 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; Davante Lewis <davante.lewis@la.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

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Start Date: 2024-03-01 19:00:00 +0000

End Date: 2024-03-01 20:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=83530169560

Class: X-PERSONAL

Date Created: 2023-12-04 17:04:06 +0000

Date Modified: 2023-12-04 17:56:29 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:44:38 +0000

Attendee: McCabe, Ann <Ann.McCabe@Illinois.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; McKissick, Floyd <fmckissick@ncuc.net>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Denise Meade <Denise.Meade@scc.virginia.gov>; Thompson, Stephanie <sthompson@ncuc.net>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

Alarm: Display the following message 15m before start

Reminder

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Please hold this date and time for our Q1 call. Additional details to come.

Start Date: 2024-10-25 18:00:00 +0000

End Date: 2024-10-25 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=82402008461

Class: X-PERSONAL

Date Created: 2023-12-20 14:05:51 +0000

Date Modified: 2023-12-20 14:05:51 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:57:20 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Gillett, Marissa <Marissa.Gillett@ct.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>

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Please hold this date and time for our Q4 call. Additional details to come.

Start Date: 2024-03-01 19:00:00 +0000

End Date: 2024-03-01 20:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=83530169560

Class: X-PERSONAL

Date Created: 2023-12-20 14:05:51 +0000

Date Modified: 2023-12-20 14:05:51 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:44:38 +0000

Attendee: McCabe, Ann <Ann.McCabe@Illinois.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; McKissick, Floyd <fmckissick@ncuc.net>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Denise Meade <Denise.Meade@scc.virginia.gov>; Thompson, Stephanie <sthompson@ncuc.net>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

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Please hold this date and time for our Q1 call. Additional details to come.

Start Date: 2024-05-10 18:00:00 +0000

End Date: 2024-05-10 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=83397702432

Class: X-PERSONAL

Date Created: 2023-12-20 14:05:51 +0000

Date Modified: 2023-12-20 14:05:51 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:48:27 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; McKissick, Floyd <fmckissick@ncuc.net>; McCabe, Ann <Ann.McCabe@Illinois.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; carreona@michigan.gov <CarreonA@michigan.gov>; Davante Lewis <davante.lewis@la.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

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Please hold this date and time for our Q2 call. Additional details to come.

Start Date: 2024-07-26 18:00:00 +0000

End Date: 2024-07-26 19:30:00 +0000

Organizer: Sophie Watterson <swatterson@advancedenergyunited.org>

Location: https://advancedenergyunited-org.zoom.us/j/4738849439? pwd=ZW8yMW02QXYyeUJkYlZubHBoMlBrQT09&omn=82462987664

Class: X-PERSONAL

Date Created: 2023-12-20 14:05:51 +0000

Date Modified: 2023-12-20 14:05:51 +0000

Priority: 5

DTSTAMP: 2023-12-04 16:52:06 +0000

Attendee: Rubin, Staci (DPU) <staci.rubin@mass.gov>; Blank - DORA, Eric <eric.blank@state.co.us>; Davante Lewis <davante.lewis@la.gov>; Jehmal Hudson <Jehmal.Hudson@scc.virginia.gov>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; rory.christian@dps.ny.gov <rory.christian@dps.ny.gov>; ann.rendahl@utc.wa.gov <ann.rendahl@utc.wa.gov>; john.reynolds@cpuc.ca.gov <John.Reynolds@cpuc.ca.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; carreona@michigan.gov <CarreonA@michigan.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; McKissick, Floyd <fmckissick@ncuc.net>; Hannah Polikov <hpolikov@advancedenergyunited.org>; Thompson, Stephanie <sthompson@ncuc.net>; Denise Meade <Denise.Meade@scc.virginia.gov>; Newkirk, Wendy (PSC) <wnewkirk@psc.dc.gov>

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Please hold this date and time for our Q3 call. Additional details to come.

Event: Commissioner Forum on Integrated & Electric Planning

Start Date: 2024-04-19 16:00:00 +0000

End Date: 2024-04-19 17:30:00 +0000

Organizer: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

Location: Zoom details to be added later

Class: X-PERSONAL

Date Created: 2023-12-19 16:49:25 +0000

Date Modified: 2024-02-08 04:12:14 +0000

Priority: 5

DTSTAMP: 2023-12-19 16:39:00 +0000

Attendee: Hannah Polikov <hpolikov@advancedenergyunited.org>; McKissick, Floyd <fmckissick@ncuc.net>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Megan Gilman - DORA <megan.gilman@state.co.us>; doug.scott@illinois.gov <doug.scott@illinois.gov>; stacey.paradis@illinois.gov <stacey.paradis@illinois.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; karen.douglas@cpuc.ca.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Carreon, Alessandra (LARA) <CarreonA@michigan.gov>

Alarm: Display the following message 15m before start

Reminder

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Event: Commissioner Forum on Integrated Gas & Electric Planning

Start Date: 2024-04-19 16:00:00 +0000

End Date: 2024-04-19 17:30:00 +0000

Organizer: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

Location: Zoom details to be added later

Class: X-PERSONAL

Date Created: 2023-12-19 16:49:25 +0000

Date Modified: 2024-02-08 04:12:14 +0000

Priority: 5

DTSTAMP: 2024-02-08 04:12:06 +0000

Attendee: Hannah Polikov <hpolikov@advancedenergyunited.org>; McKissick, Floyd <fmckissick@ncuc.net>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Megan Gilman - DORA <megan.gilman@state.co.us>; doug.scott@illinois.gov <doug.scott@illinois.gov>; stacey.paradis@illinois.gov <stacey.paradis@illinois.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; karen.douglas@cpuc.ca.gov <karen.douglas@cpuc.ca.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Carreon, Alessandra (LARA) <CarreonA@michigan.gov>; Ian Wilcox <ian@encoord.com>; Carlo Brancucci <carlo@encoord.com>; Brandon Sisson

 <milt.doumit@utc.wa.gov>; Ham, Hwikwon (PUC) <hwikwon.ham@state.mn.us>

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From: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

To: "McKissick, Floyd" <fmckissick@ncuc.net>, "Thompson, Emile (PSC)" <ethompson@psc.dc.gov>, "Gillett, Marissa" <Marissa.Gillett@ct.gov>, "Christine.guhlsadovy@bpu.nj.gov" < Christine.Guhl-Sadovy@bpu.nj.gov>, Megan Gilman - DORA <megan.gilman@state.co.us>, "doug.scott@illinois.gov" <doug.scott@illinois.gov>, "stacey.paradis@illinois.gov" <stacey.paradis@illinois.gov>, "McCabe, Ann" <Ann.McCabe@Illinois.gov>, "karen.douglas@cpuc.ca.gov" <karen.douglas@cpuc.ca.gov>, "pat.oconnell@prc.nm.gov" <pat.oconnell@prc.nm.gov>, "staci.rubin@mass.gov" <staci.rubin@mass.gov>, "Carreon, Alessandra (LARA)" <CarreonA@michigan.gov>

Cc: Hannah Polikov hpolikov@advancedenergyunited.org

Subject: Forum on Integrated Gas & Electric Planning - date and time selected!

Date: Tue, 19 Dec 2023 16:38:15 +0000

Importance: Normal

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Dear Commissioners,

Thank you for responding to our doodle poll to set up a virtual forum to discuss Integrated Gas & Electric Planning. The date that worked best for this group was Friday, April 19th 12:00-1:30pm ET. We know this time didn't work for everyone, and we apologize to those who we were not able to accommodate. I'll share the calendar invite with you in case your schedule changes, but please also feel free to nominate one of your co-Commissioners if you would like them to be present in your place.

We will be in touch with additional details as the date approaches, but for now, I'll send out a calendar invitation to reserve the time.

Have a restful holiday season! Sarah

Sarah Steinberg (she/her)

Advanced Energy United

Transforming Policy. Expanding Markets.

e: ssteinberg@advancedenergyunited.org o: 202.380.1950 x3021 m: 860.519.8549

Mailing Address: 1801 Pennsylvania Ave. NW, Suite 410, Washington, D.C. 20006

www.AdvancedEnergyUnited.org/ @AdvEnergyUnited

Event: Commissioner Forum on Integrated & Electric Planning

Start Date: 2024-04-19 16:00:00 +0000

End Date: 2024-04-19 17:30:00 +0000

Organizer: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

Location: Zoom details to be added later

Class: X-PERSONAL

Date Created: 2024-01-02 00:21:50 +0000

Date Modified: 2024-01-02 00:21:50 +0000

Priority: 5

DTSTAMP: 2023-12-19 16:39:00 +0000

Attendee: Hannah Polikov <hpolikov@advancedenergyunited.org>; McKissick, Floyd <fmckissick@ncuc.net>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Megan Gilman - DORA <megan.gilman@state.co.us>; doug.scott@illinois.gov <doug.scott@illinois.gov>; stacey.paradis@illinois.gov <stacey.paradis@illinois.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; karen.douglas@cpuc.ca.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Carreon, Alessandra (LARA) <CarreonA@michigan.gov>

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From: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

To: Hannah Polikov hpolikov@advancedenergyunited.org, "McKissick, Floyd" hpolikov@advancedenergyunited.org, "McKissick, Floyd" hpolikov@advancedenergyunited.org, "det.gov>, "Ghristine.gov" hpolikov@advancedenergyunited.org, "Gethompson@psc.dc.gov>, "Gillett, Marissa" hpolikov@advancedenergyunited.org, "Gillett, Marissa" <a href="mailto:hpolikov@advancedenergyunited.org, "Christine.gov" <a href="mailto:hpolikov@advancedenergyunited.org, "State.gov" <a href="mailto:hpolikov@advancedenergyunited.org, "State.gov" <a href="mailto:hpolikov@advancedenergyunited.org, "Christine.gov" <a href="mailto:hpolikov@advancedenergyunited.org, "State.gov" <a href="mailto:hpolikov@advancedenergyunited.org, "Carreon, Alessandra (LARA)" <a href="mailto:hpolikovancedenergyunited.org, "Carreon, Alessandra (LARA)" <a href="mailto:hpolikovancedenergyunited.org, "State.gov" <a href="mailto:hpolikovancedenergyunited.org, "Ann.McCabe@Illinois.gov" <a href="mailto:hpolikovancedenergyunited.org, "Patalogov" <a href="mailto:hpolikovancedenergyunited.org, "Carreon, Alessandra (LARA)" <a href="mailto:hpolikovancedenergyunited.org, "Carreon, Alessandra (LARA)" <a href="mailto:hpolikovancedenergyunited.o

Subject: Commissioner Forum on Integrated & Electric Planning

Date: Tue, 19 Dec 2023 16:39:01 +0000

Importance: Normal **Attachments:** unnamed

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Event: Commissioner Forum on Integrated & Electric Planning

Start Date: 2024-04-19 16:00:00 +0000

End Date: 2024-04-19 17:30:00 +0000

Organizer: Sarah Steinberg <ssteinberg@advancedenergyunited.org>

Location: Zoom details to be added later

Class: X-PERSONAL

Date Created: 2023-12-19 16:39:09 +0000

Date Modified: 2023-12-19 16:49:08 +0000

Priority: 5

DTSTAMP: 2023-12-19 16:39:00 +0000

Attendee: Hannah Polikov <hpolikov@advancedenergyunited.org>; McKissick, Floyd <fmckissick@ncuc.net>; Thompson, Emile (PSC) <ethompson@psc.dc.gov>; Gillett, Marissa <Marissa.Gillett@ct.gov>; Christine.guhl-sadovy@bpu.nj.gov <Christine.Guhl-Sadovy@bpu.nj.gov>; Megan Gilman - DORA <megan.gilman@state.co.us>; doug.scott@illinois.gov <doug.scott@illinois.gov>; stacey.paradis@illinois.gov <stacey.paradis@illinois.gov>; McCabe, Ann <Ann.McCabe@Illinois.gov>; karen.douglas@cpuc.ca.gov>; pat.oconnell@prc.nm.gov <pat.oconnell@prc.nm.gov>; Rubin, Staci (DPU) <staci.rubin@mass.gov>; Carreon, Alessandra (LARA) <CarreonA@michigan.gov>

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