[**IRESN, Inc.**](https://www.iresn.org/) **City/Utility Advisory Committee Minutes – Meeting 4**

**Tuesday, April 17, 11am Pacific**

**Conference Call**

1. Meeting 4 convened at 11am.
2. Agenda and Meeting 3 minutes approved.
3. Updates/References (20 minutes)
	1. Introduction of New Committee Members
		1. Kristin Heinemeier
		2. Ron Edelstein
	2. Gerry briefly summarized a recent EESI Webinar[[1]](#footnote-1) that covered:
		1. The State of Germany’s Energy Transition[[2]](#footnote-2). (European markets are open to DERs)
		2. 2018 Sustainability in America Factbook[[3]](#footnote-3)
		3. Distributed Energy Systems[[4]](#footnote-4)
	3. Greening of an American City[[5]](#footnote-5). (Webinar is indication of what is possible even in the absence of City/Utility Collaboration.)
	4. 2018 California Integrated Energy Policy Update[[6]](#footnote-6). (Local partnering discussion in the IEPR covers utility partnering with native tribes and the military but not cities.)
	5. CPUC ZEV Rate Design Forum 2018[[7]](#footnote-7) (Carl L. and Jeff R. participated. Carl addressed smart rate design for EVs to support grid, avoid costs and cost causation. Interested in how community choice programs can avoid grid upgrades. Jeff noted H2 FC vehicles can use H2 produced from electricity. Can H2 be qualified as storage under electricity rate structures? H2 can also be used to support micro-grids. Discussion ensued regarding CCAs as potential suppliers of electricity for H2 production. Ron E mentioned NG industry as potential ally and interest in NG infrastructure use for NG/H2 blends. Also, that the USDOE is engaged regarding technology aspects of H2 fueling infrastructure.)
4. Relevant Experience Outside the US (20 minutes)
5. Staff Report – Braun. Gerry discussed slides covering: 1) on-going shift from centralized to decentralized electricity infrastructure, 2) smart cities in the US partnering with utilities and opening their databases to outside analysis, 3) decarbonization strategies of five specific cities in Europe, and 4) energy resilience strategies of specific cities. (Slide decks for committee meetings are posted on the IRESN website.
6. Committee Comments. Ronnie H: Exciting to see so much progress overseas. Kristin H. noted urban/rural integration strategy as widely applicable – any specific examples? Committee members were encouraged to read referenced reports. Amiyo B. asked about effects of renewables on electric system peaks and potentially related encouragement of on-site storage. Gerry mentioned California storage mandate and its accelerating impacts, and the role of regional grids in accommodating impact of concentration of specific variable renewables in specific states and countries. Carl L. noted the increase of bidding solar/wind plus storage plus the need for more granular grid information. Rob H. mentioned credit for storage in meeting building efficiency standards and the lack of vendors offering suitable control packages. Does storage really belong on the consumer side or the utility side of the meter? Gerry: Curtailment of wind and solar production is driving storage at the HV grid level. May also at the local level in the future.
7. Member Initiatives, Activities and Status (10 minutes)
8. City/Utility Regulatory Context. Carl L. hopes to bring a utility regulatory perspective and counsel regarding effective ways to engage with utilities and utility commissions without antagonizing them.
9. Planning/Analysis Support of City/Utility Collaboration – Rich M. will offer ideas on how to move the City/Utility Collaboration ball forward faster and more aggressively.
10. Member and Staff Announcements
11. Gerry mentioned that recordings of advisory discussions are available. Here is a link to the Meeting 4 recording: <https://fccdl.in/68Ht5eR739>
12. Action items:
13. Continue discussion of Larisa D. proposal to evaluate mechanisms and authorities for state facilitation of city/utility collaboration.
14. Continue discussion of incentives for utility support of city/utility collaboration.
15. Meeting adjourned at noon Pacific (approximately).
1. <http://www.eesi.org/briefings/view/060818germany> [↑](#footnote-ref-1)
2. <https://youtu.be/A7ksJGl6iOo?t=5m26s> [↑](#footnote-ref-2)
3. <https://youtu.be/A7ksJGl6iOo?t=27m> [↑](#footnote-ref-3)
4. <https://youtu.be/A7ksJGl6iOo?t=42m6s> [↑](#footnote-ref-4)
5. <https://www.videoserverssite.com/play/sdall/5945-2018530> [↑](#footnote-ref-5)
6. <http://www.energy.ca.gov/2018_energypolicy/index.html> [↑](#footnote-ref-6)
7. <http://www.cpuc.ca.gov/energy/electricrates/> [↑](#footnote-ref-7)