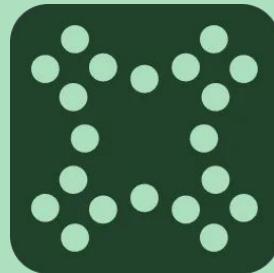


OpenEAC Alliance

Quarterly Meeting
Q3 2026
August 20, 2026

McGee Young
Stephen Suffian





Agenda

1) Welcome and review of existing resources

- www.openeac.org
- methods.openeac.org
- <https://github.com/wattcarbon/open-eac-alliance>

2) Quarterly update

- Deep dive on DER grid mapping and valuation
- Demo and discussion

3) Roadmap

- More mapping of DERs to grid values

4) Discussion



OpenEAC Alliance Resources

- www.openeac.org
- methods.openeac.org
- <https://github.com/wattcarbon/open-eac-alliance>
- docs.wattcarbon.com



Methodology Development Process

- 1) Draft methodology developed for implementation by one or more stakeholders
- 2) Preliminary release for public comment/review
- 3) Methodology revised and submitted
- 4) Final version published for review at methods.openeac.org
- 5) Open source license for future use



DERs and the Grid

- DERs have long been valued based on their ability to save money on utility bills. ROI = payback based on bill savings. Other benefits include comfort, safety, health, but primarily an economic argument.
- Utility programs value DERs for their system benefits. Program dollars are justified because they reduce overall costs by encouraging the adoption of new technologies.
- Now, for the first time, DERs are being valued by the grid. DERs are participating in energy markets, serving as transmission and distribution infrastructure, and as capacity resources. This leads us to the question, what is a DER really worth?



DERs and the Grid

- The reason we started asking what a DER was worth was because utilities started to grapple with the idea that data centers could invest in distributed energy as an offset to their own grid demands.
- It was clear that this was causing consternation on the part of utility grid operators. They insisted that a heat pump sitting behind a distribution substation would not roll up cleanly to a data center sitting behind its own dedicated substation.
- This question has been complicated further by different “values” for DERs in different contexts. The same battery in PJM and MISO and NY-ISO would be valued differently - not because the costs are different but because batteries are seen differently by different grid operators.



DERs and the Grid

- We realized that there are at least seven different value streams that accrue to DERs, but that the way these values are quantified vary widely from one grid to the next. Even the data that one would use is inconsistent from one grid to the next.
- If you wanted to know what the value of a given DER was to its local grid, where would you look? What value stream would you pick? Who would have the definitive answer?
- This is the story of trying to map these pieces in one place. What would it take to build a national map of DER value? How would you even locate DERs on the grid? What are the foundational building blocks that would make this possible?



DERs and the Grid

- Demo and Discussion
- Steve presentation
- More discussion



Next Meeting

Next Meeting: November 19th, 2026

Sign up here: www.openeac.org

Submit a methodology!