

Emissions Rate Transparency Project

March 30, 2022

Issue

- Emissions rates vary by hour and location, but are not transparent to market
- Published rates needed to enable market participants to consider emissions consequences of electricity use, production, storage and purchases
- Example use cases:
 - Evaluate emissions impacts when operating storage and/or managing load
 - Address corporate sustainability goals and enable “greener” purchases
 - Inform system and resource planning
 - State and local policy decisions, including DER markets
- Could be used by end users, load-serving entities, generators, energy service companies, marketers, aggregators, etc.

Project Proposal

- Concept developed with input and support of numerous stakeholders
- Envisions emissions rates estimates will be published concurrent with LBMPs:
 - Average and marginal rates
 - Day-ahead and real-time
 - Zonal and transmission nodes (“load nodes”)
- Aims to publish emissions rates starting in 2024
- Project could involve use of outside vendor or consultant