



CIP Updates

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CIP Status Reports

Electric IOU 2017 Status Reports:

- **Reports Filed – April 2**
- Comments – May 29
- Reply Comments – June 13
- **Staff’s Proposed Decision – June 25**
- Comments on Proposed Decision – July 5
- **Deputy Commissioner’s Decision – August 6**

Gas IOU 2017 Status Reports:

- **Reports Filed – May 1**
- Comments – June 12
- Reply Comments – June 27
- **Staff’s Proposed Decision – July 9**
- Comments on Proposed Decision – July 19
- **Deputy Commissioner’s Decision – August 20**

COU 2017 Performance and 2019 Plans:

- Data Entered into ESP – June 1

2017 CARD Grant Awards – Field Studies

1. Stand-alone dehumidification and efficiency opportunities in MN single family homes
2. Field/market assessment of heat pump clothes dryers
3. Study of Tier 2 advanced power strips
4. Development and field test of a protocol focusing on optimizing boiler temperature and staging controls
5. Demonstration of packaged central condensing tankless water heating systems in multifamily buildings

**For more information about CARD, contact
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2017 CARD Grant Awards – White Papers

1. **Cost-effectiveness framework:** exploring updating the cost/benefit evaluations in CIP
2. **Wastewater treatment:** driving efficiency through training and implementation plans
3. **Prepaid electricity plans** as energy efficiency programs: potential savings and concerns
4. **Future emerging technologies:** Leveraging public research for application in Minnesota
5. **Reconsidering cooling loads:** Residential cooling solutions and best practices
6. **Pay-for-performance:** A development tool to incentivize ongoing building performance
7. **The electrified frontier:** Exploring stakeholder views on intersection of electrification, efficiency and decarbonization

CARD Award - State Energy Code Compliance Studies

- Studies will evaluate code compliance in the residential and commercial sectors by:
 1. Measuring the current residential or commercial energy code compliance rate in Minnesota for new and renovated buildings.
 2. Identifying specific opportunities for energy savings through increased compliance with existing residential or commercial energy codes.
 3. Identifying specific opportunities for energy savings through increased adoption of measures that go beyond existing residential or commercial energy code requirements.

Technical Reference Manual 3.0

- Technical Reference Manual 3.0 Update Process:
 - Cadmus selected as the vendor
 - Process kicked off on June 15 and will conclude January 2018
 - Measures and assumptions included in final version of TRM 3.0 will provide basis for 2020-2022 IOU triennial plans and 2020 COU plans

**For more information about the TRM, contact
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