

Overview of Energy Efficiency Data in Advance of April Draft Plan

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April draft Plan will include:

- Narrative Plan, statewide/PA tables, PA BCR models, Strategic Evaluation Plan, PA potential studies, 2021 AESC Study

Narrative includes descriptions such as:

- Executive Summary
- Priorities
- Strategies
- Program Descriptions
- Evaluation
- Marketing
- Bill Impacts
- Statewide Budgets, Savings, and Benefits
- Goal Development
- Performance Incentives
- Funding Sources

Tables, BCR Models, Mass Save Data, TRM



1. EE Data Tables
 - a) Walk through the various tables
 - b) Demonstrate pivot table functionality
2. BCR Model
 - a) Walk through BCR screening model
 - b) Demonstrate how information aligns with TRM and Energy Efficiency Data Tables
3. Mass Save Data
 - a) Walk through performance details, time series, measures

*Note: The Draft Plan will not be on MSD, but MSD is a great source for historical data
4. TRM
 - a) Overview of Technical Reference Manual
 - b) Explain how values flow into screening models
 - c) Explain how EM&V results are updated in TRM

Energy Efficiency Data Tables



- Pivot table format for statewide and individual PA tables
- Includes annual and three-year budgets, benefits, annual savings, lifetime savings, and more
- Includes MMBtu savings and GHG reductions

Benefit Cost Ratio (“BCR”) Model



■ Two Primary Purposes

1. Apply impact factors from evaluation results to calculate Net savings
 - Impact factors include Free Ridership, Spillover, In-service Rate, and Realization Rates
2. Calculate Total Benefits
 - Resource Benefits
 - Total avoided costs of energy that would have been purchased over the lifetime of the efficiency measure. Costs supplied by the Avoided Energy Supply Cost (AESC) study.
 - Non-Energy Impacts
 - Additional benefits (positive or negative) beyond the energy savings gained from installing energy efficient measures. For example, reduced costs for operation and maintenance, improved comfort (expressed as a dollar value), etc.

- The [Mass Save Data](#) database includes:
 - Overview Tabs – time series, performance overview, monthly reporting, etc.
 - Detailed Data – performance details, measure details, cost to deliver, GHG reductions, etc.
 - Geographic – usage, savings, and incentives by town/zip (will discuss on separate webinar)
 - Links to TRM and Customer Profile Dashboards
 - Glossary

- eTRM link available [here](#)
 - Provides methods, formulas, and default assumptions for estimating energy, peak demand, and other resource impacts from energy efficiency measures.
 - Documents how the energy efficiency Program Administrators consistently, reliably, and transparently calculate savings resulting from the installation of prescriptive energy efficiency measures.
 - Updated for each Plan and annual report

Thank you

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