

## Project 2010-04 Mapping Document

### Transition of MOD-016-1.1, MOD-017-0.1, MOD-018-0, MOD-019-0.1, and MOD-021-1 to MOD-031-1 (the pro forma standard)

#### Standard: MOD-016-1.1 – Documentation of Data Reporting Requirements for Actual and Forecast Demands, Net Energy for Load, Controllable Demand-Side Management

| Requirement in Approved Standard | Transitions to the below Requirement in New Standard or Other Action | Description and Change Justification  |
|----------------------------------|--|---|
| MOD-016-1a R1                    | Requirement R1   | The pro forma standard requires the Planning Coordinator or Balancing Authority to develop and issue a data reporting request.  |
| MOD-016-1a R1.1                  | Requirement R1   | MOD-010 through MOD-015 does not depend on these standards for their data (they collect the data needed). TPL-005 and TPL-006 are not FERC approved standards but the data is available for their use. The pro forma standard will require the Planning Coordinator or Balancing Authority to identify the format for providing data. |
| MOD-016-1a R2                    | Requirement R1   | See comments on Requirement R1.   |
| MOD-016-1a R2.1                  | Requirement R1 part 1.2  | The pro forma standard requires the Planning Coordinator or Balancing Authority to provide a timeline for providing the data.   |
| MOD-016-1a R3                    | Requirement R1   | See comments on Requirement R1.   |
| MOD-016-1a R3.1                  | Requirement R1   | The Planning Coordinator or Balancing Authority must respond within the time allotted by the Electric Reliability Organization (ERO) or Regional Entity (RE).   |

| <b>Standard: MOD-017-0.1 – Aggregated Actual and Forecast Demands and Net Energy for Load</b> |   |   |
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| <b>Requirement in Approved Standard</b>   | <b>Transitions to the below Requirement in New Standard or Other Action</b> | <b>Description and Change Justification</b>   |
| MOD-017-0.1 R1  | Requirement R2  | Requirement R2 of the pro forma standard will require entities to provide data as outlined in Requirement R1 parts 1.1 through 1.7.   |
| MOD-017-0.1 R1.1  | Requirement R1 part 1.4.1   | The pro forma standard will require entities to provide integrated hourly demands in megawatts (MW) for the prior year.   |
| MOD-017-0.1 R1.2  | Requirement R1 part 1.4.2   | The pro forma standard will require entities to provide monthly and annual peak hour actual demands in MW and Net Energy for Load in gigawatthours (GWh) for the prior year.      |
| MOD-017-0.1 R1.3  | Requirement R1 part 1.5.1   | The pro forma standard will require entities to provide monthly peak hour forecast demands in MW and Net Energy for Load in GWh for the next two years.                           |
| MOD-017-0.1 R1.4  | Requirement part R1 part 1.5.2  | The pro forma standard will require entities to provide peak hour forecast demands (summer and winter) in MW and annual Net Energy for load in GWh for ten years into the future. |

**Standard: MOD-018-0 – Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load**

| Requirement in Approved Standard | Transitions to the below Requirement in New Standard or Other Action | Description and Change Justification   |
|----------------------------------|--|--|
| MOD-018-0 R1                     | Omitted  | This requirement serves no direct purpose other than as a bridge to the sub-requirements below.  |
| MOD-018-0 R1.1                   | Requirement R1 part 1.6  | The pro forma standard will require entities to identify registered entities that are within their footprint but are not a member of the requesting Region, and identify the Region where the data for that registered entity is reported. |
| MOD-018-0 R1.2                   | Requirement R1 part 1.7.1  | The pro forma standard will require entities to provide the assumptions and methods used in the development of aggregated peak demand and Net Energy for Load forecasts.   |
| MOD-018-0 R1.3                   | Requirement R1   | This is now a part of the data reporting request developed in Requirement R1.  |
| MOD-018-0 R2                     | Requirement R2   | The pro forma standard will require entities to provide the data requested in Requirement R1 parts 1.1 through 1.7.  |

| <b>Standard: MOD-019-0.1 – Reporting of Interruptible Demands and Direct Control Load Management</b> |   |  |
|--|---|--|
| <b>Requirement in Approved Standard</b>  | <b>Transitions to the below Requirement in New Standard or Other Action</b> | <b>Description and Change Justification</b>  |
| MOD-019-0.1 R1   | Requirements R1 part 1.5.3  | The pro forma standard will require entities to provide forecasts of Interruptible Load and Direct Control Load Management (DCLM) for at least five years and up to ten years into the future, as requested, for summer and winter peak system conditions. |

| <b>Standard: MOD-021-1 – Documentation of the Accounting Methodology for the Effects of Demand-Side Management in Demand and Energy Forecasts</b> |   |  |
|---|---|--|
| <b>Requirement in Approved Standard</b>   | <b>Transitions to the below Requirement in New Standard or Other Action</b> | <b>Description and Change Justification</b>  |
| MOD-021-1 R1  | Requirements R1 part 1.7.2  | The pro forma standard will require entities to provide the Demand and energy effects of Interruptible and Direct Control Load Management.                 |
| MOD-021-1 R2  | Requirements R1 part 1.7.3  | The pro forma standard will require entities to provide how DSM measures are addressed in the forecasts of its Peak Demand and annual Net Energy for Load. |
| MOD-021-1 R3  | Requirements R1 part 1.2  | The pro forma standard will require entities to provide the requested data by a certain date.  |