Guaranteed Load Drop Measurement and Verification

Load Management
Task Force

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Monitoring Analytics

Test Measurement and Verification

- **MA supports more objective, empirical M&V protocol for GLD testing**

- **To establish an accurate baseline, the analysis must:**
    - **Identify variables affecting load levels**
    - **Estimate the impact of those variables on load.**

- **Regression analysis is the only current option which meets these requirements**

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Regression Analysis

- **Regression analysis should be applied to all GLD customers to determine factors affecting load**

- **Null hypothesis should be that load is weather sensitive**
  - **Currently, less than 3 percent of customers in the Economic Program opt for a weather sensitive adjustment**

- **Regression results will indicate whether a significant relationship exists between load, and weather or other variables**

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Comparable Day Analysis

- **Comparable Day analysis should only be used when objective comparability criteria are empirically based.**

- **Given that a customer is determined weather sensitive through regression analysis:**

  - **Regression is the best model for calculating baseline consumption**

  - **Comparable day with weather adjustment could be an option if it provides a better fit to the data than regression analysis**

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Same Day Analysis

- **Other options provide more objective, empirical baseline estimate than the same day option.**

- **For customers with load which is a function of weather or other factors, regression analysis should be used**

- **For customers that show no significant relationship between load, and weather or any other variables, standard CBL should be used because it incorporates more data.**

- **For test compliance purposes, the Same Day option should be eliminated.**

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