



PDR Working Group Day of Adjustment Caps

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Goal

- Determine if 20% + / - Day Of Adjustment Cap is Sufficient for 10 Day Average Baseline
 - Evaluated both aggregate portfolio and individual sites
 - Based on:
 - 3 Hour correction period preceding the 1 Hour prior to event
 - Event data from 2008 PG&E DR Events
 - 5/16/2008
 - 7/9/2008
 - 8/14/2008
 - 9/5/2008
 - For individual sites, random sampling of customers from different industries

Aggregate Portfolio – 2008 Adjustments

Event Day	Day Of Adjustment	Average Provider Load (MWs)
5/16/2008	3%	45
7/9/2008	2%	72
8/14/2008	-2%	72
9/5/2008	2%	75

Adjustment: 100% - (Event Day/ 10-10 Average Baseline); 3 hours preceding 1 hour prior to event.

Individual Sites – 2008 Adjustments

Site	8/14/2008	9/5/2008	Average Provider Load (MWs)
Agriculture	-59%	3%	1
Agriculture	17%	9%	.1
Cold Storage	0%	-6%	.25
Cold Storage	-11%	28%	.65
Hospitality	1%	29%	.25
Industrial	86%	-60%	1.75

Adjustment: 100% - (Event Day/ 10-10 Average Baseline); 3 hours preceding 1 hour prior to event.

Observations

- + /- 20% day-of adjustment cap may be appropriate for large portfolios
- The size of the portfolio is important in evaluating adjustment caps
 - Our findings show large swings up and down for individual customers. In small portfolios such as we may have under PDR, one large customer could affect the adjustment for all customers
- 10 day average baseline may not be best starting point
 - A non-optional adjustment with 10 day average baseline will discourage large industrials from participating.
- Consider having day-of adjustment optional by portfolio
 - Considerable variation across industries
 - The industrial customer without temperature-specific load might not want the adjustment at all
 - The hotel with HVAC-specific load might need the adjustment



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