

# Distribution Load Relief Program



Rider U – DLRP  
Evaluation Review  
January 26<sup>th</sup>, 2009

# Agenda

- DLRP Overview
- 2008 Evaluation Background
- Test & Event Summary
- DLRP 2008 Experience
  - Sample Customer Test/Event Data
  - Estimated Impact on Peak Network Load
  - 2008 Program Growth
- Proposed Tariff Changes

## What is DLRP?

- Load reduction program for localized events in the Con Edison territory
- Approved by the Public Service Commission; Tariff based – Rider U



Con Edison of New York Territory

## Who is Eligible?

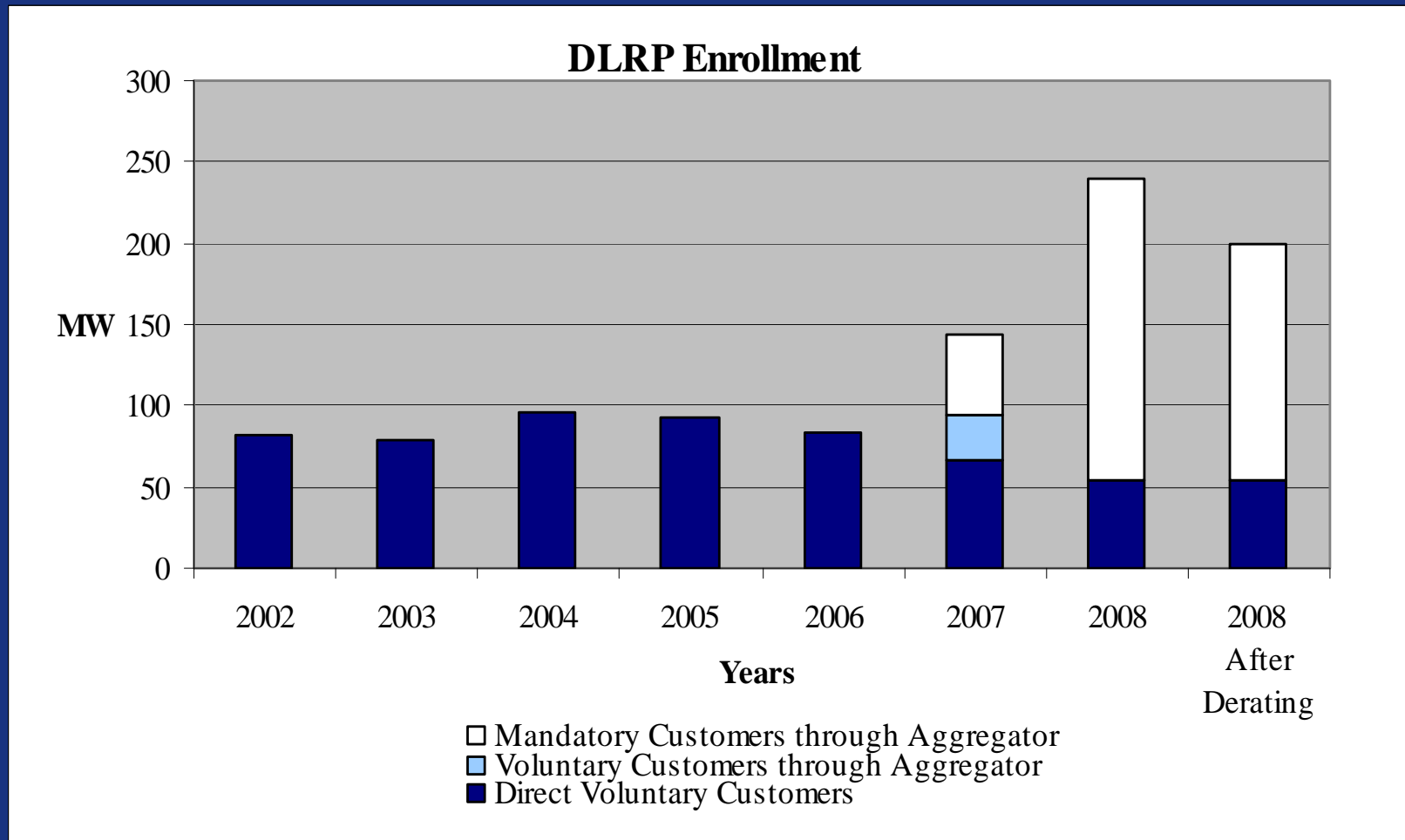
- Aggregators who can reduce load by at least 100 kW
- Customers who can reduce load by at least 50 kW
- Customers must have an interval billing meter or be registered for the NYISO SCR program to be accepted with a non-billing interval meter

# How Does DLRP Work?



- For Con Edison to declare a Load Relief Period either of the following conditions must be met
  - The next contingency would result in Condition Yellow
  - A five percent voltage reduction or greater is called
- Voluntary & Mandatory options available

# DLRP Enrollment History



## 2008 Evaluation Background

- The purpose of the following slides is to describe M V & E related aspects of the Program Evaluation filed with the PSC on December 1, 2008
- The filing covers Con Edison's 2008 Distribution Load Relief Program experience
- The following performance data is specific to the 2008 Rider U Program

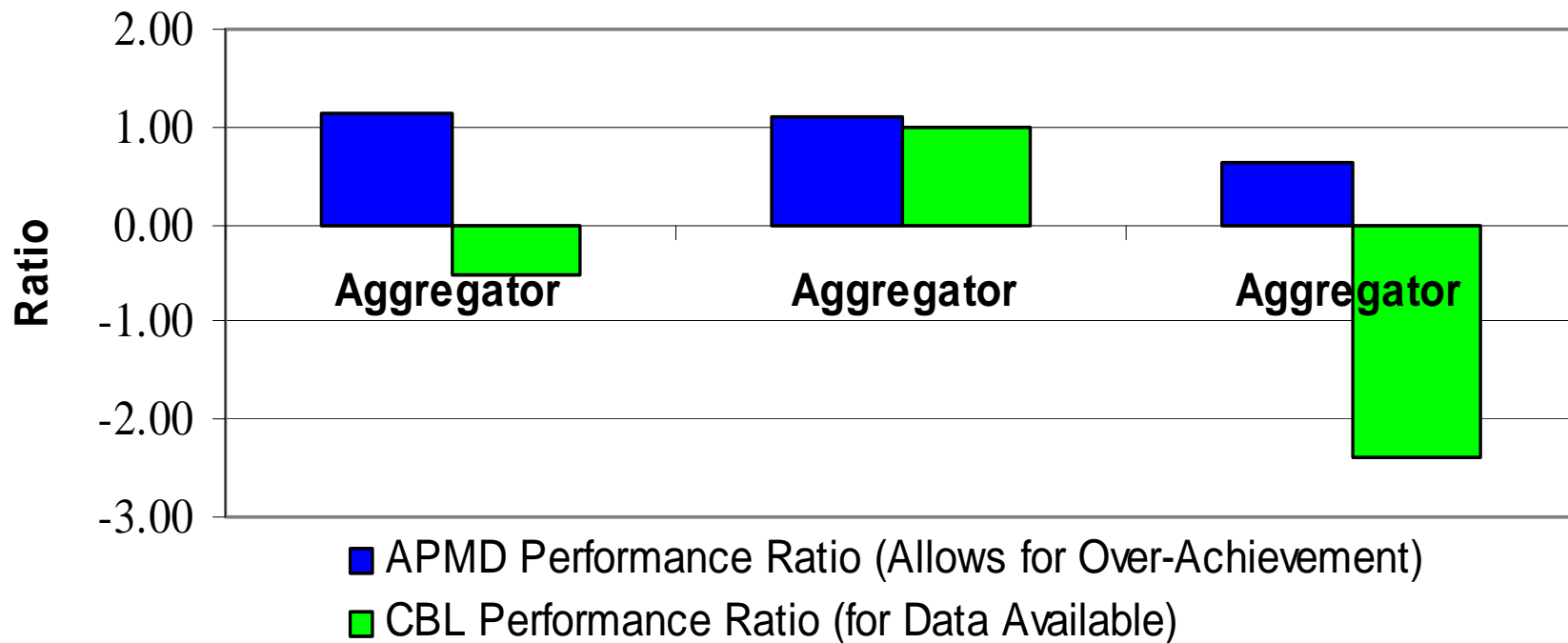
# Test & Event Summary

During the Summer Capability period of 2008, participant performance was assessed in these three events/tests.

Test/Event	Network	Day of the Week	Date
Event	Yorkville	Monday	06.09.08
Test	All Networks Except Yorkville	Friday	06.27.08
Event	BayRidge	Sunday	7.20.08

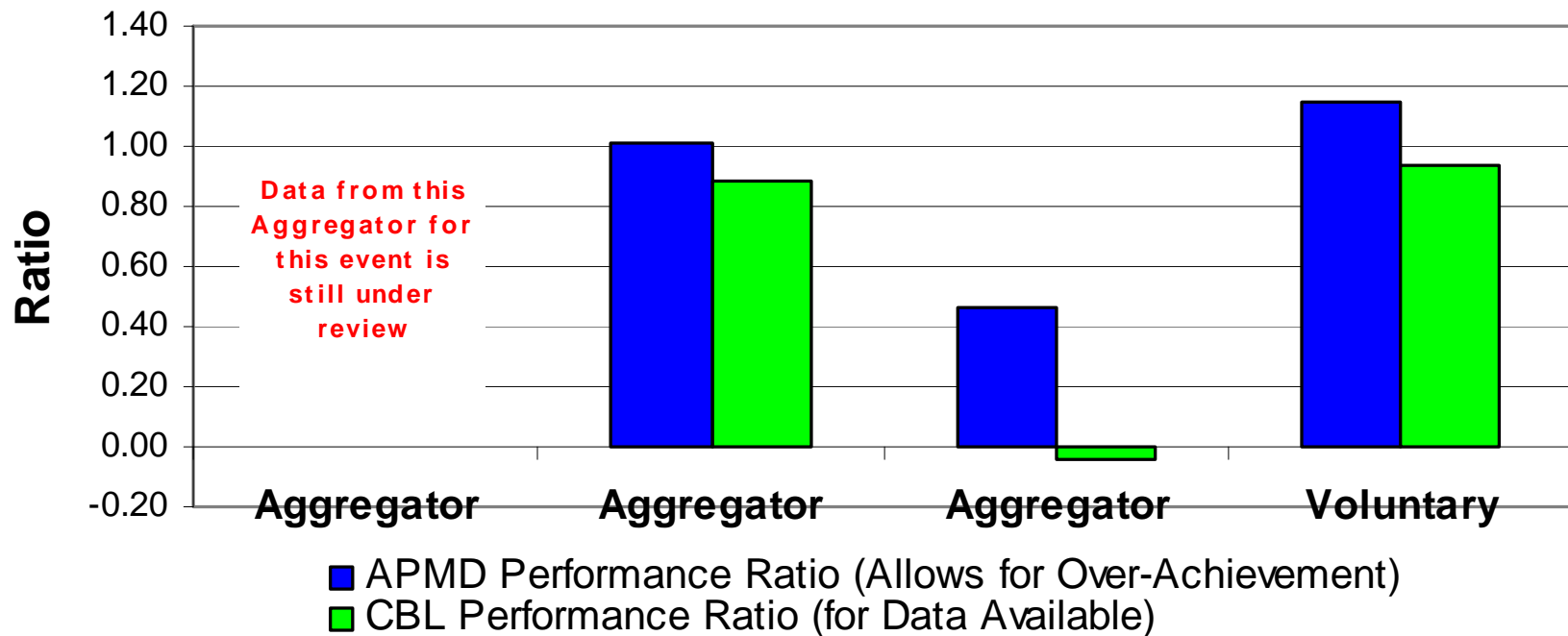
# Test & Event Summary

Summary Of Monday June 9, 2008  
DLRP Yorkville Event from 6 PM - 12 AM



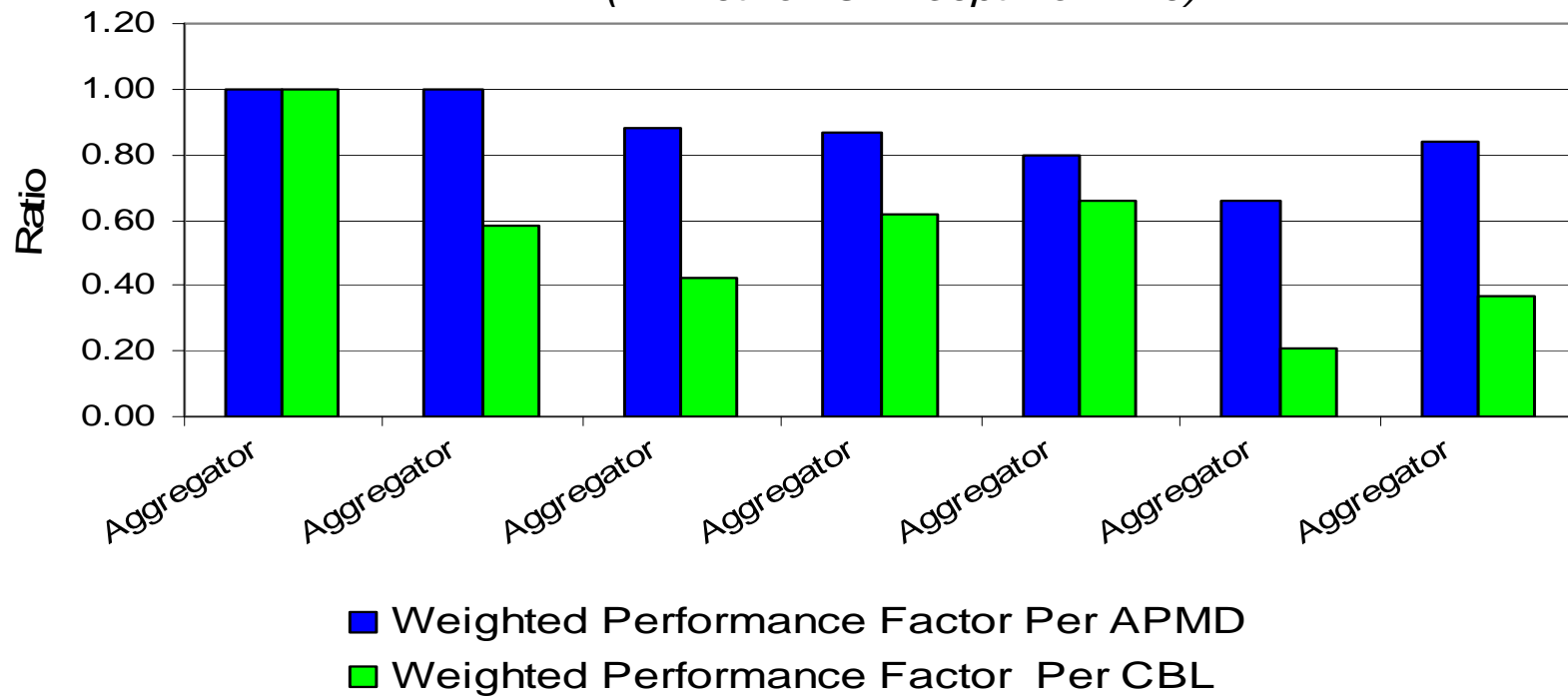
# Test & Event Summary

Summary Of Sunday July 20, 2008  
DLRP Bay Ridge Event from 9 AM to 7 PM



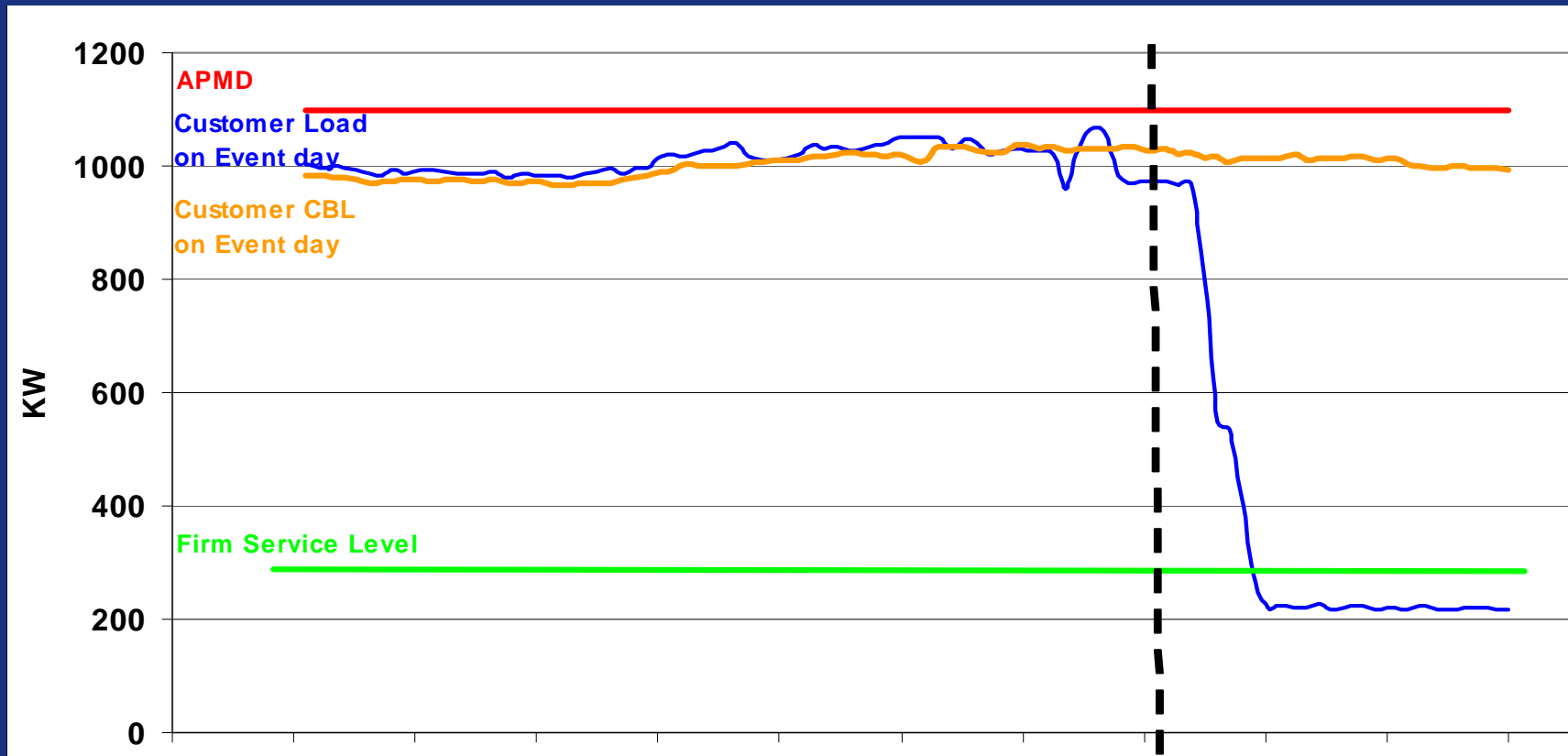
# Test & Event Summary

**Summary Of Friday June 27, 2008**  
**DLRP Test from 2 PM - 3 PM**  
*(All Networks Except Yorkville)*



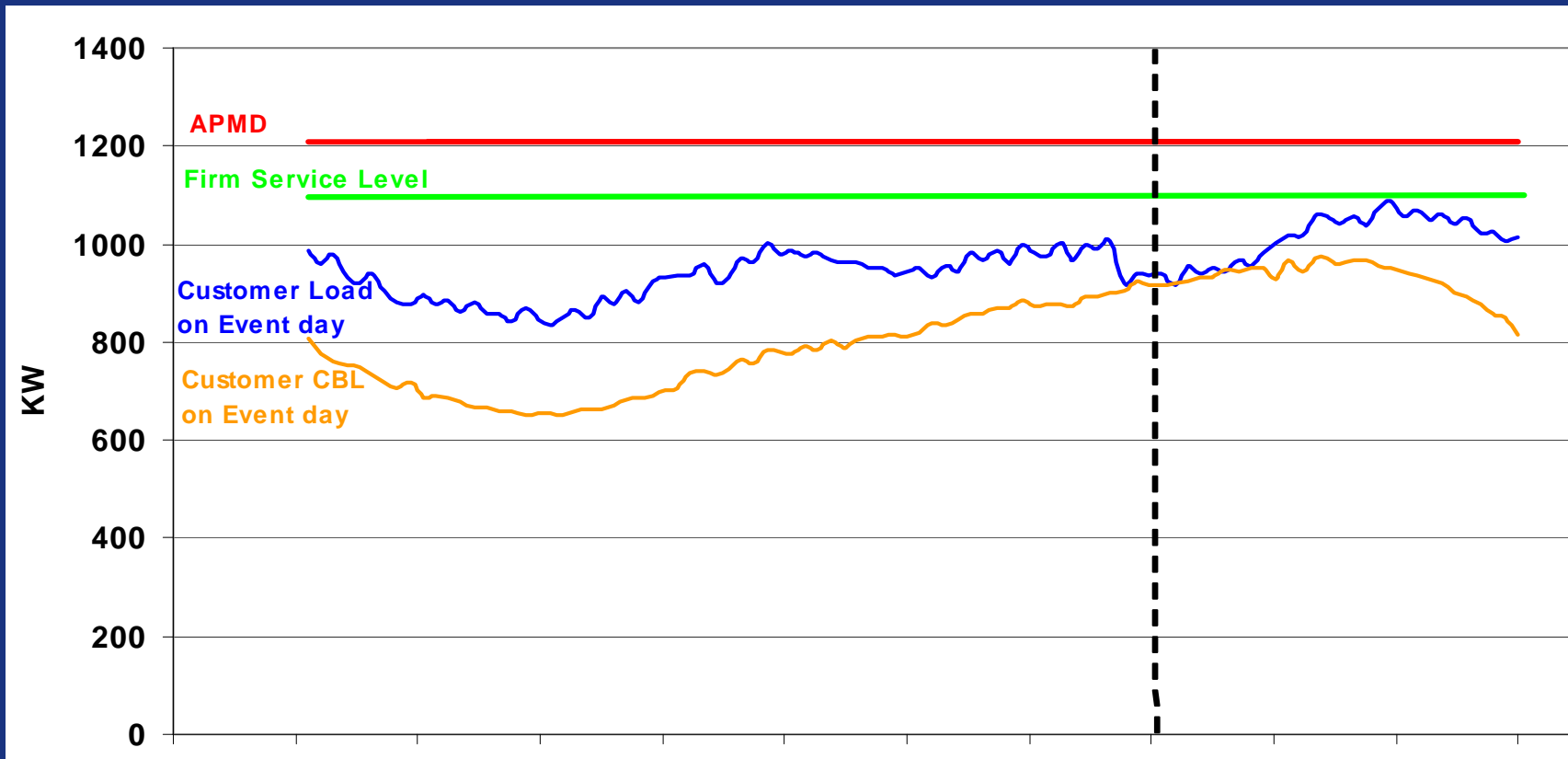
# DLRP 2008 Experience

## Sample Customer Test/Event Data



# DLRP 2008 Experience

## Sample Customer Test/Event Data



# Estimated Impact on Peak Network Load

	Average Enrollment	Average Anticipated Impact	Average Achieved kW via APMD Ratio	Average Achieved kW via CBL
Tier 1	1.9%	1.7%	2.0%	0.9%
Tier 2	1.4%	1.3%	1.4%	0.8%
All Network / Load Areas	<b>1.8%</b>	<b>1.7%</b>	<b>1.9%</b>	<b>0.9%</b>

Note: Excluding Voltage Reduction Impacts

# 2008 Program Growth

	2008 Enrollment (MW)	% increase	2008 Enrollment w/derating (MW)	% increase
Tier 1	194	71%	157	38%
Tier 2	45	53%	43	45%
All Network / Load Areas	<b>239</b>	<b>67%</b>	<b>200</b>	<b>40%</b>

# Proposed Tariff Changes

- Increase Data Requirements
  - Increase Use of Billing Interval Meters
    - Eliminate Reprocessing
    - Improve Data Transparency, Timeliness and Accuracy
    - Assure Meter Accuracy and Maintenance
  
  - Improve/Increase Non-billing Interval Meter Requirements
    - Require Independent Daily Data from Shadow Meters
    - APMD Enrollment Verification - Data Support Required
    - Introduce Data Submission Requirement - 15 Days
  
- Add CBL Enrollment Option
  - Continue APMD at Lower Capacity Payments
  - Pilot CBL at Higher Capacity Payments
  
- Allow for “Audit-ability”

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