# **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

#### Who is Eligible?

Con Edison of New York Territory

- 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

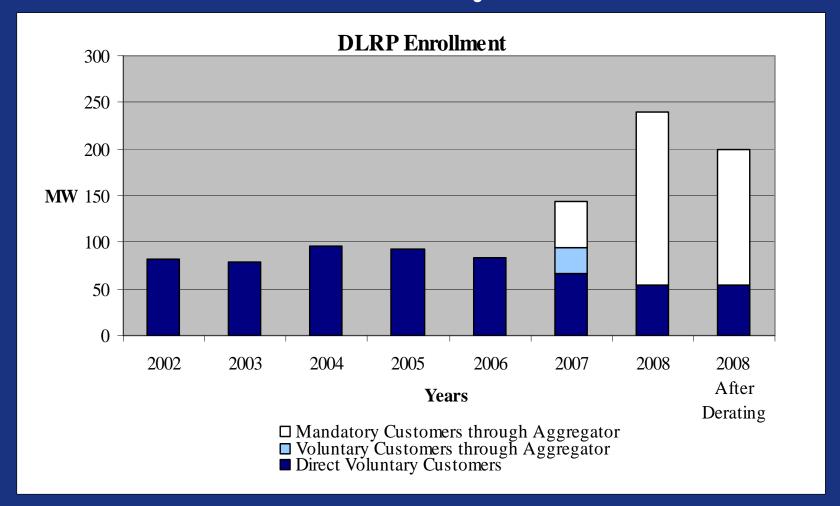


#### How Does DLRP Work?



- For Con Edison to declare a Load Relief Period <u>either</u> 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

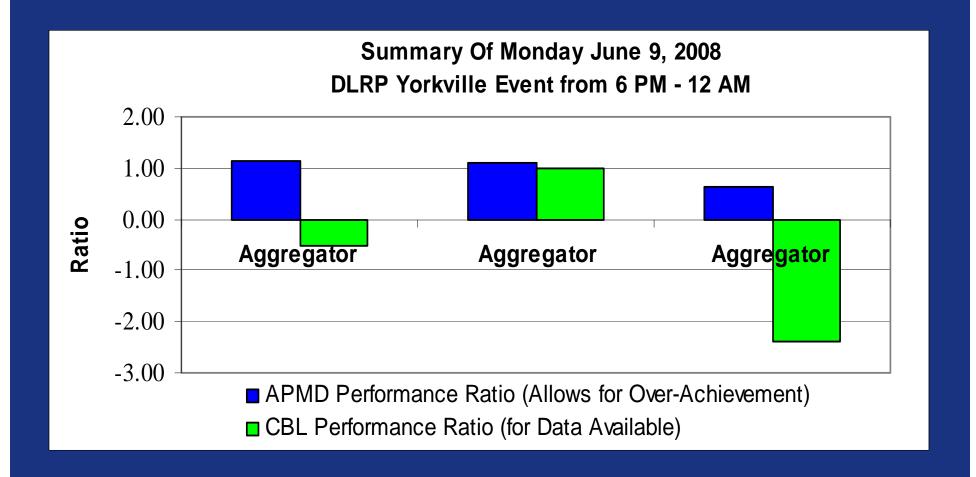
- The following performance data is specific to the 2008 Rider U Program



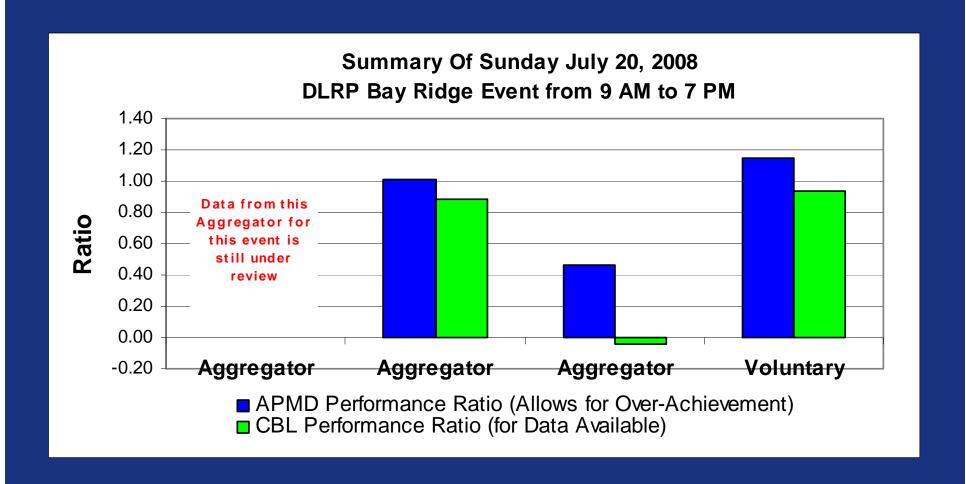
During the Summer Capability period of 2008, participant performance was assessed in these three events/tests.

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

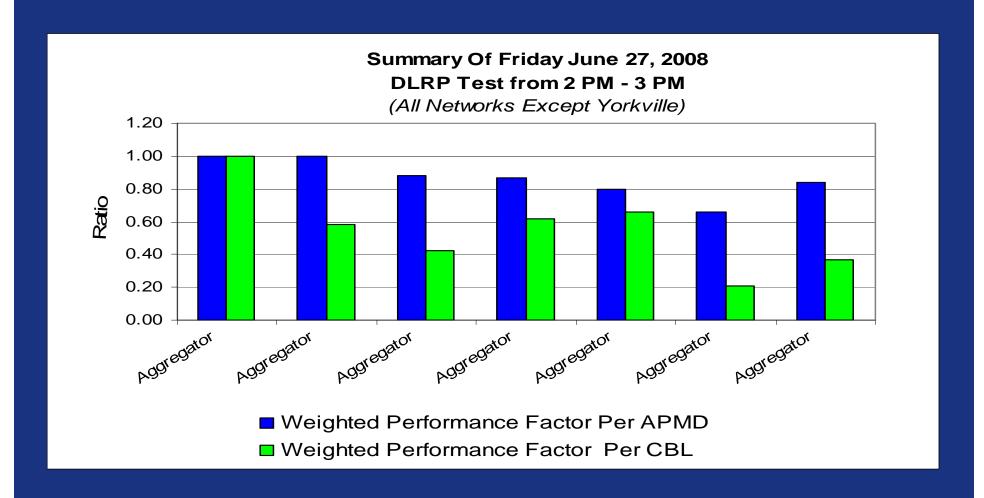








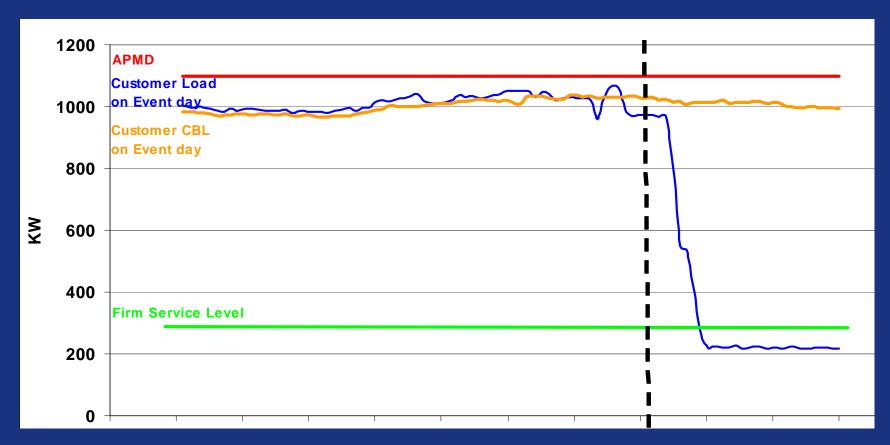






# DLRP 2008 Experience

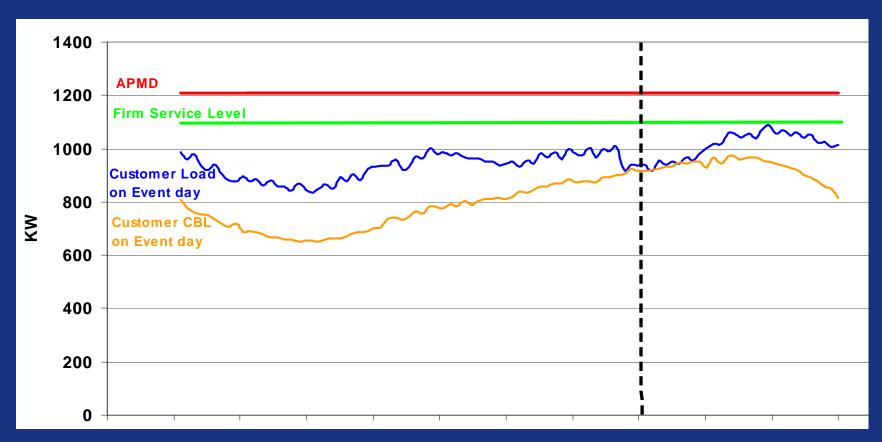
**Sample Customer Test/Event Data** 





## **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	1.8%	1.7%	1.9%	0.9%
Areas				

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	239	67%	200	40%



#### **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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