

Status of NYISO Demand Response Programs

July 9, 2003

Business Issues
Committee

Agenda #7

EDRP/SCR Registration by Zone

EDRP/SCR Registration as of 6/25/2003

Zone	SCR Registration		EDRP Registration	
	MW Registered	# Customers Registered	MW Registered	# Customers Registered
A	332.4	49	101.7	32
B	31.4	13	33	18
C	75.5	29	22.4	80
D	3.8	5	219.1	8
E	11.8	8	55.4	37
F	53.5	12	63.5	55
G	0.1	1	50.8	33
H	2.2	3	5.9	7
I	7.7	8	17.4	30
J	116.8	50	115.8	119
K	6.6	12	188.8	797
TOTAL	641.8	190	873.8	1216

TOTAL EDRP &
SCR

1515.6 MW

1406 Customers

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RIP and CSP Total MW Registered


	<i>RIP/CSP Type</i>	<i>MW</i>
Aggregators		686.0 MW
Individual Customers		155.9 MW
Transmission Owners		620.0 MW

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Real-Time Demand Response Program (RTDRP) Concept of Operations

- Allows Demand Response to Participate in Real-Time Reserve Markets
- Not Incentivized (No Payment for Energy Not Consumed)
- Real-Time Telemetry Comparable to Generators Required
- Participating Loads to be Modeled as Generators, as in Current DADRP
- Energy, Min Gen and Start-Up Cost Bids Only (No Separate Bids for Ancillary Services in SMD 2.0)



Real-Time Demand Response Program (cont.)

- Participants Must be able to Receive and Respond to NYISO 5-min and 6-sec Basepoints
- Performance Measured Relative to Load Immediately Preceding Reserve Pickup
- Load-Specific “Smoothing Function” Applied to Moderate Rapid Fluctuations in Load Before and During Reserve Pickups
- Metering and Verification rules for aggregated resources to be developed by PRLWG in consultation with NYISO Operations Staff
 - DRU Aggregation must meet generator-like telemetry requirements



Real-Time Demand Response Program (cont.)

- Multiple Program Participation Allowed
 - MWs sold in DADRP may not also be sold in RTDRP
 - RTDRP performance will be assessed first, remaining load reductions will then be used to assess DADRP performance
 - MWs sold in RTDRP are not eligible to participate in EDRP or SCR ICAP
 - RTDRP bids should be withdrawn upon 2-hour advance notification that EDRP and/or SCR will be activated
- Third Party Suppliers Allowed
 - Demand Reduction Providers participate as in DADRP
 - Payment rules being finalized



DADRP Changes

- June 30 FERC Approved Tariff Changes to DADRP
- New Rules Effective July 1, 2003:
 - Allow Demand Response Providers (DRPs) to Offer DADRP to Customers of Other LSEs
 - Exclude All Local Generation from DADRP
 - Eliminate 110% Penalty
 - Establish Creditworthiness Requirements
- DADRP Manual Being Revised to Reflect Program Changes (next BIC)
 - Modify Registration Requirements
 - Revise Payment Rules to Include DRPs
- NYISO Now Accepting DRP Registrations

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