

Consolidated Edison &
Orange & Rockland Utilities
NYPSC Distributed Generation Pilot
Program

NYSERDA CHP Conference

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NYPSC DG Pilot Order

- Pilot program in effect for three years, starting with 2001-2 planning season
- Develop policies and procedures for integrating DG alternatives into the utilities' distribution planning process
- ORU
 - Two RFP's issued in years 2 and 3
 - Distribution projects over \$500,000 (\$250,000 if not enough projects)
- Con Edison
 - Two in year 2, Four in year 3
 - Con Edison – distribution projects over \$750,000
- Half of the projects can be satisfied by utility DG

RFP Pilot Overall Timetable

- Year 1 (2001) Setup process and screen projects with in-service dates on or after spring 2003 – No RFP ‘s issued
- Year 2 (2002) First set of RFP ‘s issued for Spring / Summer of 2004 or later projects [must leave time in process to back off the RFP and complete the T&D alternative]
- Year 3 (2003) Second set of RFP ‘s issued for Spring / Summer of 2005 or later projects
- Preparation of DG Pilot Report

Tasks Required

- Tasks done in conjunction with ORU, Con Edison, and consultants E3 and Nexant
- Three day training/meeting/seminar on planning with distributed generation
- Area selection and cost evaluation tool developed
- Reliability tool developed
- DPA's analyzed and projects selected for the RFP
- RFI developed, issued and responses evaluated
- RFP developed, issued and responses evaluated

Three Day Meeting/Seminar

- Taught by Electrotek and E3 at Con Ed
- Technical Issues
- Non-Technical Issues
- Refinement of Screening Tools
- Refinement of Process and Schedule

Area Selection Tool

- Developed using an interactive Excel Spreadsheet
- Contains a high level general, technical, and economic screening.
- Calculates the value to the utility of deferring the T&D investment with DG alternatives.

Reliability Tool

- The DG alternative must be of equal reliability to the traditional T&D solution.
- DG must install redundancy to approach the reliability of the T&D solution
- Tool calculates how much redundancy is needed

RFI Distribution

- RFI distribution list was compiled from:
 - NYS PSC DG Cost / Benefit Proceeding
 - DPCA membership list
 - NAESCO membership list
 - Industry DG conference attendance
 - DG Proceedings from other states.
- Wide range of respondents with no explicit limitations on any DG provider or group.
- Load reduction does not qualify for program.

RFI Results

	CECONY	ORU
YEAR 2	10 Responses 9 Qualified	5 Responses 4 Qualified
YEAR 3	10 New Responses 19 Total Qualified	10 New Responses 14 Total Qualified

ORU RFP's

- Year 2
 - Transmission Loop Upgrade
 - Install 2nd Transformer at Substation
- Year 3
 - New Substation
 - Distribution Circuit Upgrade

Con Edison RFP's

- Year 2
 - Network Load Transfer
 - Upgrade of two Transformers at one Substation
- Year 3
 - Install 3rd Transformer at Substation
 - Install 4th Transformer at Substation and Network Load Transfer
 - Install 3rd Transformer at Substation and Network Load Transfer
 - Install 4th Transformer (No RFP, used utility DG)

RFP Results

	Con Ed Year 2	Con Ed Year 3	ORU Year 2	ORU Year 3
RFP's Issued	2	3	2	2
Bids Received	1	0	0	1
Bids Accepted	0	0	0	0