



**Northeast
Utilities System**

Northeast Utilities Service Company
101 Federal Street, 13th Floor
Boston, Massachusetts 02110

(617)748-5141

bishodm@nu.com

April 1, 2003

VIA HAND DELIVERY

Mary Cottrell, Secretary
Department of Telecommunication and Energy
One South Station
Boston, Massachusetts 02110

RE: *Western Massachusetts Electric Company, 220 CMR 8.07 Annual Report*

Dear Secretary Cottrell:

Pursuant to 220 CMR 8.07, Reporting Requirements, attached is Western Massachusetts Electric Company's Annual Report for calendar-year 2002. If you have any questions regarding this report, please feel free to contact me.

Very truly yours,

Donald M. Bishop, Manager
Regulatory Policy-Massachusetts

Attachment

cc: Bob Harrold, Electric Power Division

WMECO Calendar-Year 2002 220 CMR 8.07 QF Report

- (1) Attached is a chart showing the new Qualifying Facility and On-Site Generating Facility activity in a calendar-year 2002 for Western Massachusetts Electric Company ("WMECO"). The following information is included:
- (a) The name and address of the owner, and the address where the Qualifying Facility or On-Site Generating Facility is located can be found in columns A through D.
 - (b) A brief description of the type of Qualifying Facility or On-Site Generating Facility can be found in column E.
 - (c) The primary energy source used by the Qualifying Facility or On-Site Generating Facility can be found in column G.
 - (d) The in-service date of the facilities can be found in column H.
 - (e) The method of delivering power to the Distribution Company, either contract or net metering, can be found in column I.
 - (f) The design capacity of the Qualifying Facility or On-Site Generating Facility can be found in column F.
 - (g) No Qualifying Facility or On-Site Generating Facility was denied interconnection by WMECO.
- (2) The following is WMECO's report describing the incremental reductions in the purchases of electricity during calendar-year 2002 due to customer operations of, or purchases from, on-site renewable energy technologies; fuel cells; cogeneration equipment; On-Site Generating Facilities eligible for net metering; or cogeneration facilities of 60 KW or less which are eligible for net metering.
- (a) Column J of the attached chart shows WMECO's best estimate of the kilowatt-hours ("kWh") displaced by the facilities which entered service in calendar-year 2002. The numbers shown are annual estimates which were not adjusted by in-service date.
 - (b) The effect of (a), above on WMECO's transition charge, including a quantitative estimate of the lost dollar contribution to WMECO's transition charge during calendar-year 2002 is \$46. This impact was calculated using the kWh information reported in the attached chart, column J, multiplied by the calendar-year transition charge of \$0.01357 per kWh.
 - (c) The effect of (a), above on WMECO's kWh sales during calendar-year 2002 is 3,400 kWh.

- (d) An estimate of the percent of WMECO's gross annual revenues that have been lost during the calendar year due to (a), above is zero (0) percent.
- (e) No customers have given notice to WMECO of their plans to reduce electricity purchases due to operations of, or purchases from a facility described in (a), above.

QUALIFYING FACILITIES IN WMECO SERVICE TERRITORY

ENTERING SERVICE DURING CALENDAR-YEAR 2002

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Customer	Street	Town	Zip Code	Description	Capacity (kW)	Fuel Type	In-Service Date	Method of Delivery	Estimated kWh Displaced
				Photovoltaic	0.5 Solar		Apr-02	net metering	500
				Photovoltaic	1.9 Solar		Aug-02	net metering	1,900
				Photovoltaic	0.5 Solar		Sep-02	net metering	500
				Photovoltaic	0.5 Solar		Sep-02	net metering	500
					3.4		TOTAL		3,400