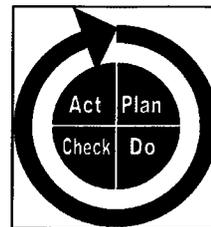


US EPA ARCHIVE DOCUMENT

Attachment 4 – EF-EMS Roundtable-1

US EPA ARCHIVE DOCUMENT

**Sustainable Energy Management
For Wastewater Treatment Facilities
Plan-Do-Check-Act Process
Roundtable Meeting**



**Warwick Wastewater Treatment Facility
125 Arthur W. Devine Blvd.
Warwick, RI 02886
401-468-4700**

**Wednesday May 27, 2009
9:00 AM – 12:00 PM**

MEETING AGENDA

9:00 – 10:30 AM

Plan-Do-Check-Act Process – Develop Energy Policy and Set Goals

Rhode Island Manufacturing Extension Services – John Gilheeny

10:30 AM – 10:45 AM

Break

10:45 AM – 11:15 AM

Plan-Do-Check-Act Process – Establishing Energy Management Teams

Rhode Island Manufacturing Extension Services – John Gilheeny

11:15 AM – 12:00 PM

Energy Bills Review and Explanation

National Grid – Jeff Dunham

12:00 PM – 12:30 PM

Group Discussion and Project Planning

Intended Audience: This workshop is designed for Wastewater Treatment Facility personnel responsible for energy use and/or management including but not limited to: facility managers and superintendents, and engineering, operations and maintenance staff.

Project Partners

Narragansett Bay

Commission

James McCaughey

401-461-8848 x 352

jmccaughey@narrabay.com

University of Rhode Island

Dr. Gene Park, PhD.

401-222-4700 x 4415

park@egr.uri.edu

RI Department of

Environmental

Management

Dr. Richard Enander, PhD.

401-222-4700 x 4411

richard.enander@DEM.RI.GOV

RI Manufacturers Extension

Services

John Gilheeny

401-270-8896 x 406

jgilheeny@rimes.org

EPA Region I

Gina Snyder

617-918-1837

Snyder.gina@epamail.epa.gov

**Sustainable Energy Management
For RI Wastewater Treatment Facilities
Roundtable Meeting
May 27, 2009
9:00 AM – 12:00 PM
Warwick Sewer Authority**



Name _____

Title _____

Facility/Organization: _____

Mailing Address _____

Phone: _____ **E-mail** _____

Please register the following individuals for this Roundtable Meeting:

_____	_____
Name	e-mail
_____	_____
Name	e-mail
_____	_____
Name	e-mail
_____	_____
Name	e-mail
_____	_____
Name	e-mail

Please register with David Aucoin, Narragansett Bay Commission 461-8848 x 418,
daucoin@narrabay.com or fax completed form to 401-461-6540 by May 22nd

Directions to the Warwick Sewer Authority

125 Arthur W. Devine Blvd.
Warwick, RI 02886
401-468-4700

From Points North:

Take I-95 S toward Warwick.

Take the Jefferson Blvd. exit, Exit #15.

Turn LEFT off the exit onto Jefferson Blvd.

Continue on Jefferson Blvd. for 1.3 miles and turn RIGHT onto Service Ave.

Service Ave. becomes Arthur W. Devine Blvd.

End at the first building on the LEFT and follow signs to the conference room.

From Points South:

Take I-95 N toward Warwick.

Take exit #13 toward US-1/T.F. Green Airport.

Merge onto the Airport Connector Road.

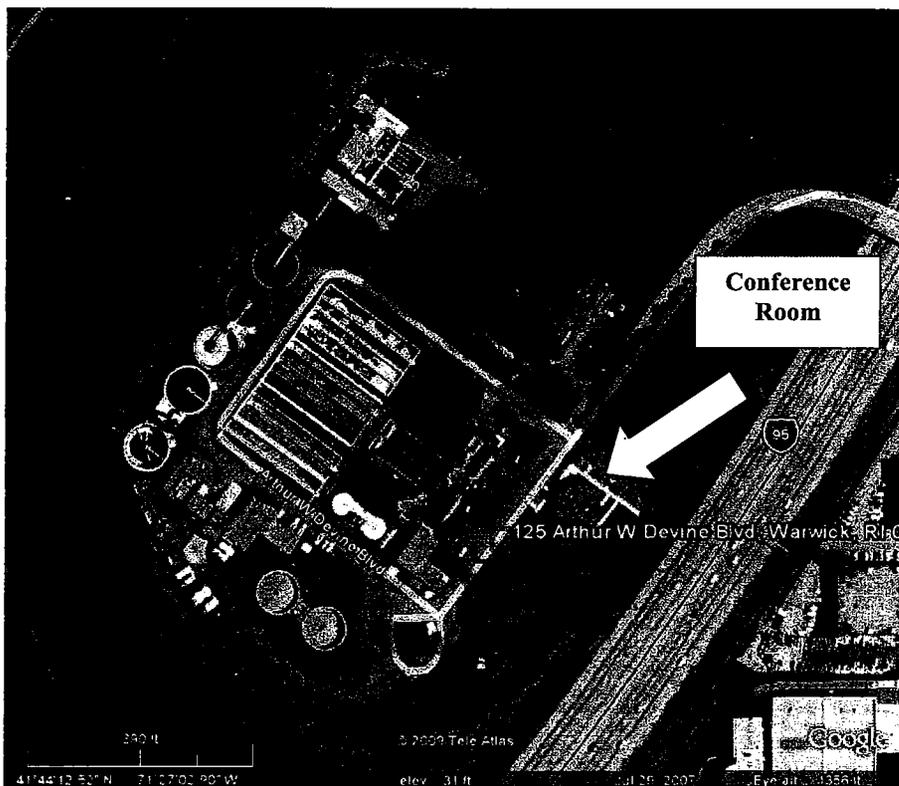
Take the Jefferson Blvd. ramp on the RIGHT.

Turn LEFT onto Jefferson Blvd.

Continue on Jefferson Blvd. for 1 mile and turn LEFT onto Service Ave.

Service Ave. becomes Arthur W. Devine Blvd.

End at the first building on the LEFT and follow signs to the conference room.



Sustainable Energy Management for Wastewater Treatment Facilities
Plan-Do-Check-Act Process
Roundtable Meeting
 Wednesday May 27, 2009
 9:00 AM - 12:00 PM

Name	Affiliation	Phone #	
Douglas Ouellette	Jonestown WWTF	401-423-7295	D Oue
Paul Robertson	" "	" "	NMFARN
Kathy Heroux-Yattaw	NBC Bucklin Point United Water	401-434-6350	Kherou
Gilbert Veilleux	NBC BP	434-6350 X 621	GVEIL
THOMAS A. WHITE	FIRST TOWN	401-433-6363	TWHITE
Mike Pacillo	Town of East Greenwich	401-886-8619	mpacillo@
Rene Ims	NBC-FP	401-461-8848	rims@na
Carmine Gonecon	NBC-FP	461-8848 x210	CGONECON
STEVE LAMBALOT	UNITED WATER - NEWPORT	401-845-2000	STEVEN.LA S
PETER D. ELDRIDGE	West Warwick WWTF	401-822-9229	PELDRIDGE
Bernard Bishop	South Kingstown	788-9772	bbishop
Douglas L. Nettleton	Town of Narragansett	792-0692	DNETTLETON
Karen Joffe	Veolia Water	231-1506	Karen.g
JANINE BURKE	Warwick Sewer Authority	738-0354	janine.L.
Earl Salisbury	veolia water	623-9081	earl. Sal
Dan Gorka	" "	265-1085	Daniel. G

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Name	Affiliation	Phone #	E-Mail
SEF Dunham	NAT GC12		
PAT MATALATIS	NAT GC12		

THE NARRAGANSETT ELECTRIC COMPANY
200 kW Demand Rate (G-32)
Retail Delivery Service

Effective
January 1, 2009

R.J.P.U.C. No. 1177

Monthly Charge As Adjusted

Rates for Retail Delivery Service

<u>Customer Charge per month</u>	\$236.43
<u>Transmission Charge per kW</u>	\$1.27
<u>Distribution Charge per kW</u>	\$1.99
<u>Non-Bypassable Transition Charge per kWh</u>	0.235¢
<u>Transmission Adjustment Factor per kWh</u>	1.064¢
<u>Distribution Charge per kWh</u>	0.889¢
<u>Conservation and Load Management Adjustment per kWh</u>	0.350¢

Rates for Standard Offer Service or Last Resort Service (Optional)

<u>Standard Offer per kWh</u>	per Standard Offer Service tariff
<u>Last Resort per kWh</u>	per Last Resort Service tariff

THE NARRAGANSETT ELECTRIC COMPANY
200 kW DEMAND RATE (G-32)
RETAIL DELIVERY SERVICE

AVAILABILITY

Electric delivery service shall be taken under this rate for all purposes by any customer who is placed on the rate by the Company in accordance with this paragraph. The Company shall place on this rate any customer who has a 12-month average Demand of 200 kW or greater for 3 consecutive months as soon as practicable. Notwithstanding the foregoing, the Company may require any customer with a 12-month maximum demand of 3000 kW or greater to take delivery service on the 3000 kW Demand Rate G-62 (subject to the settlement provisions in Docket No. 2290).

If electricity is delivered through more than one meter, except at the Company's option, the Monthly Charge for delivery service through each meter shall be computed separately under this rate. If any electricity is delivered hereunder at a given location, then all electricity deliveries by the Company at such location shall be delivered hereunder.

New Customers: Service will initially be taken under this rate by any new customer who requests service capability of 225 kVA or greater.

Transfers From Rate G-32: Any customer whose 12-month average demand is less than 180 kW for twelve consecutive months may elect to transfer from the 200 kW Demand Rate G-32 to another available rate.

This rate is also available to customers who install on-site non-emergency generating units powered by Eligible Renewable Energy Resources, as defined in 2004 R.I. Pub. Laws 205 up to an aggregate nameplate capacity of 3 MW for all customers having installed such generation and are therefore exempt from the backup service rates. However, any customer exempted from the backup service rates under this provision shall nevertheless be required to install metering pursuant to the backup service tariff that shall provide information on the operation of the generation unit.

MONTHLY CHARGE

The Monthly Charge will be the sum of the Retail Delivery Service Charges set forth in the cover sheet of this tariff.

PEAK OFF-PEAK PERIODS

PEAK HOURS: June - September -- 8 a.m. - 10 p.m. Weekdays,
 December - February -- 7 a.m. - 10 p.m. Weekdays
 October - November and
 March - May -- 8 a.m. - 9 p.m. Weekdays

OFF-PEAK HOURS: All other hours

Weekdays shall mean Monday through Friday, excluding the following holidays: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day (observed), Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

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THE NARRAGANSETT ELECTRIC COMPANY
200 kW DEMAND RATE (G-32)
RETAIL DELIVERY SERVICE

RATE ADJUSTMENT PROVISIONS

Transmission Service Charge Adjustment

The prices under this rate as set forth under "Monthly Charge" may be adjusted from time to time in the manner described in the Company's Transmission Service Cost Adjustment Provision.

Transition Charge Adjustment

The prices under this rate as set forth under "Monthly Charge" may be adjusted from time to time in the manner described in the Company's Non-Bypassable Transition Charge Adjustment Provision.

Standard Offer Adjustment

All Customers served on this rate must pay any charges required pursuant to the terms of the Company's Standard Offer Adjustment Provision, whether or not the Customer is taking or has taken Standard Offer Service.

Conservation and Load Management Adjustment

The amount determined under the preceding provisions shall be adjusted in accordance with the Company's Conservation and Load Management Adjustment Provision as from time to time effective in accordance with law.

Customer Credit Provision

The amount determined under the preceding provisions shall be adjusted in accordance with the Company's Customer Credit Provision as from time to time effective in accordance with law.

STANDARD OFFER SERVICE

Any Customer served under this rate who is eligible for Standard Offer Service shall receive such service pursuant to the Standard Offer Service tariff.

LAST RESORT SERVICE

Any Customer served under this rate who does not take its power supply from a non-regulated power producer and is ineligible for Standard Offer Service will receive Last Resort Service pursuant to the Last Resort Service tariff.

THE NARRAGANSETT ELECTRIC COMPANY
200 kW DEMAND RATE (G-32)
RETAIL DELIVERY SERVICE

DEMAND

The Demand for each month under ordinary load conditions shall be the greatest of the following:

- a) The greatest fifteen-minute peak occurring in such month during Peak hours as measured in kilowatts,
- b) Through the billing month of December 2005, 80% of the greatest fifteen-minute peak occurring in such month during Peak hours as measured in kilovolt-amperes, and 90% thereafter,
- c) 75% of the greatest Demand as so determined above during the preceding eleven months, and
- d) 10 kilowatts.

OPTIONAL DETERMINATION OF DEMAND

A Customer who has been served hereunder for one year or more may upon written request have the Demand for each month, beginning with the next month after such request and running for a period of not less than two consecutive months, be based upon the greatest of items (a), (b) and (d) above. In such case, the Demand Charge and the Energy Charge will be increased by 20% during any such period.

CREDIT FOR HIGH VOLTAGE DELIVERY

If the Customer takes delivery at the Company's supply line voltage, not less than 2400 volts, and the Company is saved the cost of installing any transformer and associated equipment, a credit of 37 cents per kilowatt of billing demand for such month shall be allowed against the amount determined under the preceding provisions.

An additional credit of \$2.41 per kilowatt of the billing demand for such month shall also be allowed if said customer accepts delivery at not less than 115,000 volts, and the Company is saved the cost of installing any transformer and associated equipment.

The total amount of the credit allowed under this provision shall not exceed the sum of the Customer Charge, the Distribution Demand Charge and the Distribution kWh Charge.

HIGH-VOLTAGE METERING ADJUSTMENT

The Company reserves the right to determine the metering installation. Where service is metered at the Company's supply line voltage, in no case less than 2400 volts, thereby saving the Company transformer losses, a discount of 1% will be allowed from the amount determined under the preceding provisions.

SECOND FEEDER SERVICE

Except as provided below, Customers receiving second feeder service shall pay \$2.41 per 80% of KVA (through the billing month of December 2005; 90% of KVA thereafter) of reserved second feeder capability. The charge for second feeder capability shall apply only to Customers with second feeder capability installed on or after May 1, 1998. The charge for second feeder capability shall not apply to Customers taking service within the Capital Center of Providence or within the downtown Providence underground network system. The Company's Construction Advance Policy 3 shall apply to determine any advance contribution by the customer,

THE NARRAGANSETT ELECTRIC COMPANY
200 kW DEMAND RATE (G-32)
RETAIL DELIVERY SERVICE

using an estimate of revenues to be derived from this second feeder rate. The Company reserves the right to decline second feeder service for engineering reasons.

An additional \$0.37 per 80% of KVA (through the billing month of December 2005; 90% of KVA thereafter) of reserved second feeder capability shall be charged if an additional transformer is required at the Customer's facility.

GROSS EARNINGS TAX

A Rhode Island Gross Earnings Tax adjustment will be applied to the charges determined above in accordance with Rhode Island General Laws.

GROSS EARNINGS TAX CREDIT FOR MANUFACTURERS

Consistent with the gross receipts tax exemption provided in Section 44-13-35 of Rhode Island General Laws, eligible manufacturing customers will be exempt from the Gross Earnings Tax to the extent allowed by the Division of Taxation.

Eligible manufacturing customers are those customers who have on file with the Company a valid certificate of exemption from the Rhode Island sales tax (under section 44-18-30(H) of Rhode Island General Laws) indicating the customer's status as a manufacturer. If the Division of Taxation (or other Rhode Island taxing authority with jurisdiction) disallows any part or all of the exemption as it applies to a customer, the customer will be required to reimburse the Company in the amount of the credits provided to such customer which were disallowed, including any interest required to be paid by the Company to such authority.

TERMS AND CONDITIONS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate.

Effective: October 28, 2004

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