

Appendix H

Energy Use Records

nationalgrid

TOWN OF SWAMP SCHOOL
FOREST AVE
SWAMPSCOTT MA 01907

Oct 1, 2009 to Oct 31, 2009

www.nationalgrid.com

(MIDDLE SCHOOL)

ACCOUNT NUMBER

PLEASE PAY BY

AMOUNT DUE

00618-49009

Dec 27, 2009

\$ 6,867.32

CUSTOMER SERVICE

1-800-322-3223

CREDIT DEPARTMENT

1-888-211-1313

POWER OUTAGE OR DOWNED LINE

1-800-465-1212

EMAIL BILLING INQUIRES

customerservice@us.ngrid.com

ADDRESS

PO Box 980
Northborough, MA 01532-0980

DATE BILL ISSUED

Nov 2, 2009

ACCOUNT BALANCE

	National Grid Services	Other Supplier Service	Total
Previous Balance	2,014.81	4,607.62	6,622.43
Payment(s) Received	- 2,014.81	- 4,607.62	- 6,622.43
Current Charges	2,093.56	4,773.76	6,867.32
Amount Due ▶	\$ 2,093.56	\$ 4,773.76	\$ 6,867.32

To avoid late payment charges of 0.85%, \$ 5.057.32 must be received by Dec 27 2009.

▶ GO PAPERLESS: You'll help yourself and the environment by signing up to manage your bills online at www.nationalgridus.com/gopaperless.

Enrollment Information

To enroll with a supplier or change to another supplier, you will need the following information about your account:

Leadzone NEMA BOST

Acct No: 00618-49009 Cycle: 3, TOWN

DETAIL OF CURRENT CHARGES

Delivery Services

Type of Service	Current Reading	Previous Reading	Difference	Meter Multiplier	Total Usage
Energy	35355 Actual	34024 Actual	431	120	51720 kWh
Peak	32476 Actual	32202 Actual	274	120	32980 kWh
Off Peak	22879 Actual	22722 Actual	157	120	18840 kWh
Total Energy					51720 kWh

Demand-kW

Peak	120	200.4 kW
Off Peak	120	183.6 kW

Demand-kVA

Peak	120	207.6 kVA
Off Peak	120	193.2 kVA

METER NUMBER 02990569 NEXT SCHEDULED READ DATE Dec 2

SERVICE PERIOD Oct 1 - Oct 31 NUMBER OF DAYS IN PERIOD 30

RATE Time-Of-Use G-3 VOLTAGE DELIVERY LEVEL 0 - 2.2 kV

Electric Usage History

Month	kWh	Month	kWh
Nov 08	45080	Jun 09	49320
Dec 08	48180	Jul 09	46800
Jan 09	54120	Aug 09	33360
Feb 09	55880	Sep 09	23580
Mar 09	58760	Oct 09	49920
Apr 09	53800	Nov 09	51720
May 09	48980		

Billed Demand Last 12 months

Minimum	83.6
Maximum	204
Average	181.9

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PO Box 980
Northborough MA 01532-0980

*****AUTC**5-DIGIT 01907

TOWN OF SWAMP SCHOOL
207 FOREST AVE
SWAMPSCOTT MA 01907-2247

07491

NATIONAL GRID
PO BOX 1005
WOUBURN MA 01807-1005

ENTER AMOUNT ENCLOSED

\$

Write account number on check and make payable to National Grid
Please pay Gas & Electric bills separately

000686732 00618490095000686732361

SERVICE FOR (Swampscott High)

BILLING PERIOD

TOWN OF SWAMP SCHOOL

Oct 1, 2009 to Oct 31, 2009

FOREST AVE

SWAMPSCOTT MA 01907

ACCOUNT NUMBER

00818-48009 Dec 27, 2009

AMOUNT DUE

\$ 9,867.32

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Customer Charge		73.16
Dist Chg On Peak	0.01225 x 32880 kWh	402.76
Dist Chg Off Peak	-0.00049 x 18840 kWh	-9.24
Transition Charge	0.00081 x 51720 kWh	31.35
Transmission Charge	0.01192 x 51720 kWh	616.50
Distribution Demand Chg	3.92 x 200.4 kW/KVA	785.57
Dem Side Mgmt Chg	0.0025 x 51720 kWh	129.30
Transition Demand Chg	0.19 x 200.4 kW	38.08
Renewable Energy Chg	0.0005 x 51720 kWh	25.86
Total Delivery Services		\$ 2,093.56

Explanation of General Billing Terms

kWh: Kilowatt-hour, a basic unit of electricity used.

Off-Peak: Period of time when the need or demand for electricity on the Company's system is low, such as late evenings, weekends and holidays.

Peak: Period of time when the need or demand for electricity on the Company's system is high, normally during the day, Monday through Friday, excluding holidays.

Estimated Bill: A bill which is calculated based on your typical monthly usage rather than on an actual meter reading. It is usually rendered when we are unable to read your meter.

Meter Multiplier: A number by which the usage on certain meters must be multiplied by to obtain the total usage.

Demand Charge: The cost of providing electrical transmission and distribution equipment to accommodate your largest electrical load.

Supplier Service Charges are comprised of:

Generation Charge: The charge(s) to provide electricity and other services to the customer by a supplier.

Delivery Service Charges are comprised of:

Customer Charge: The cost of providing customer related services such as metering, meter reading and billing. These fixed costs are unaffected by the actual amount of electricity you use.

Distribution Charge: The cost of delivering electricity from the beginning of the Company's distribution system to your home or business.

Transition Charge: Company payments to its wholesale supplier for terminating its wholesale arrangements.

Transmission Charge: The cost of delivering electricity from the generation company to the beginning of the Company's distribution system.

Demand Side Management: The cost of demand side management programs offered by the Company.

Renewable Energy Charge: A charge to fund initiatives for communicating the benefits of renewable energy and fostering formation, growth, expansion and retention of renewable energy and related enterprises.

Questions:

If you have questions or complaints regarding this bill or National Grid's service quality, please contact Customer Service at 1-800-322-3223. You may also contact the Massachusetts Department of Public Utilities, Consumer Division at 617-737-2838 or toll free at 1-877-688-5068 or web site www.mass.gov/dcl.

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SWAMPSCOTT SCHOOLS

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TOWN OF SWAMP SCHOOL
FOREST AVE
SWAMPSCOTT MA 01907

Oct 1 2009 to Oct 31, 2009

ACCOUNT NUMBER

PLEASE PAY BY

AMOUNT DUE

00618-49009

Dec 27, 2009

\$ 6,667.32

Supply ServicesSUPPLIER Constellation NewEnergy, Inc 2
800 Boylston Street
Floor 28
Boston, MA 02199-8001

PHONE 863-237-7693

ACCOUNT No 1625479

Electricity Supply

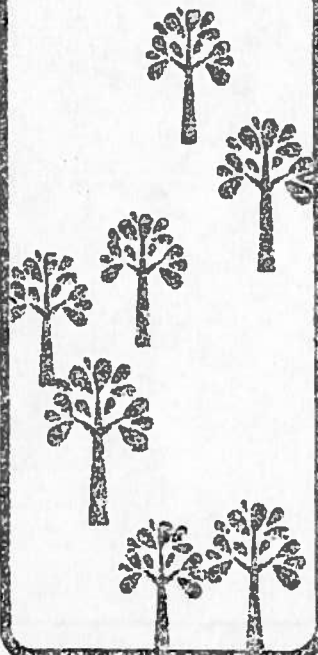
00923 x 51720 kWh

4,773.76

Total Supply Services**\$ 4,773.76**

If all National Grid customers did their billing online, the annual CO₂ savings would be the equivalent of planting over 26,000 trees. That's over 90 acres!

We have a number of online options for you to choose. Take action and be part of the climate change solution. For more information or to sign up, go to www.nationalgridus.com/gopaperless.



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www.nationalgrid.com

SERVICE FOR
TOWN OF SWAMPSCOTT
207 FOREST AVE
SWAMPSCOTT MA 01907

BILLING PERIOD

Oct 1, 2009 to Oct 31, 2009

PAGE 1 of 2

ACCOUNT NUMBER

75431-46002

PLEASE PAY BY

Dec 27, 2009

AMOUNT DUE

\$ 673.23

CUSTOMER SERVICE

1-800-322-3223

CREDIT DEPARTMENT

1-888-211-1313

POWER OUTAGE OR DOWNED LINE

1-800-465-1212

EMAIL BILLING INQUIRES

customerservice@us.ngrid.com

ADDRESS

PO Box 960
Northborough, MA 01532-0960

DATE BILL ISSUED

Nov 2, 2009

Enrollment Information

To enroll with a supplier or change to another supplier, you will need the following information about your account:

Loadzone NEILIA BOST

Acct No: 75431-46002 Cycle: 3, TOWN

Electric Usage History

Month	kWh	Month	kWh
Nov 08	300	Jun 09	9200
Dec 08	1000	Jul 09	6600
Jan 09	1700	Aug 09	6200
Feb 09	2600	Sep 09	1900
Mar 09	1900	Oct 09	500
Apr 09	1100	Nov 09	400
May 09	2300		

#697

(Little League field)

Billed Demand Last 12 months

Minimum	6
Maximum	201
Average	90.8333

ACCOUNT BALANCE

Previous Balance	680.15
Payment Received on OCT 27 (Check)	THANK YOU - 680.15
Current Charges	+ 673.23
Amount Due	\$ 673.23

To avoid late payment charges of 0.95%, \$ 673.23 must be received by Dec 27 2009.

GO PAPERLESS: You'll help yourself and the environment by signing up to manage your bills online at www.nationalgridus.com/gopaperless.

DETAIL OF CURRENT CHARGES

Delivery Services

Type of Service	Current Reading	Previous Reading	Difference	Meter Multiplier	Total Usage
Energy	1798 Actual	1794 Actual	4	100	400 kWh
				Total Energy	400 kWh

Demand-kW

95.0 kW

Billed Demand 95.0 kW

METER NUMBER 95822622

NEXT SCHEDULED READ DATE Dec 2

SERVICE PERIOD Oct 1 - Oct 31

NUMBER OF DAYS IN PERIOD 30

RATE General Service - Demand G-2 VOLTAGE DELIVERY LEVEL 0 - 2.2 kv

nationalgrid

PO Box 960
Northborough MA 01532-0960

*****ALL FOR AADC 018
TOWN OF SWAMPSCOTT
C/O SWAMPSCOTT DPW
22 MONUMENT AVE
SWAMPSCOTT MA 01907

02438

NATIONAL GRID
PO BOX 1005
WOBURN MA 01807-1005



000067323 75431460028000067323361

ENTER AMOUNT ENCLOSED

\$

Write account number on check and make payable to National Grid
Please pay Gas & Electric bills separately

Behind the Meter Electricity Use
Swampscott Middle School, 207 Forest Avenue

Data Source: National Grid, 11/9/09

Middle School

Name: TOWN OF SWAMP SCHOOL
Account Number: 61849009

Service Address: 0 FOREST AVE SWAMPSCOTT MA 01907

Bill Details

Current Balance: \$6,867.32
Pay By: 12/27/2009
Last Payment Rec'd: \$6,622.43 on 10/20/2009

Next Meter Reading: 12/2/2009

Contact Information

Mailing Address: 207 FOREST AVE SWAMPSCOTT MA 01907
Service Phone: 781-598-3563

Contact Phone:
E-mail Address: vmasone@town.swampscott.ma.us

Service Details

Account Status: Active
Rate Type: Elec G-3 T&D Large TOU
Electric Supplier: CONSTELLATION NEWENERGY

Little League Complex

Name: TOWN OF SWAMPSCOTT
Account Number: 7543146002

Service Address: 207 FOREST AVE SWAMPSCOTT MA 01907

Bill Details

Current Balance: \$673.23
Pay By: 12/27/2009
Last Payment Rec'd: \$680.15 on 10/27/2009

Next Meter Reading: 12/2/2009

Contact Information

Mailing Address: C/O SWAMPSCOTT DPW 22 MONUMENT AVE SWAMPSCOTT MA 01907
Service Phone: 781-596-8802

Contact Phone:
E-mail Address: VMASONE@TOWN.SWAMPSCOTT.MA.US

Service Details

Account Status: Active
Rate Type: Elec G-2 Dem-Variable
Electric Supplier: NATIONAL GRID

Behind the Meter Electricity Use
Swampscott Middle School, 207 Forest Avenue
Middle School, Acct. 61849009

Read Date & Days	Read Type	Total kWh	Utility Charges	Supplier Charges	Total Charges	Metered Peak kW	Metered On-Peak kW	TOU On-Peak kWh	TOU Off-Peak kWh
10/31/2009 30 days	Actual	51,720	\$7,093.56	\$4,773.76	\$5,867.32	200.4	200.4	32,880	18,840
10/1/2009 31 days	Actual	49,970	\$7,014.81	\$4,607.62	\$5,622.43	190.8	190.8	31,970	18,000
8/31/2009 27 days	Actual	25,560	\$1,049.39	\$2,359.19	\$3,408.58	103.2	103.2	13,080	12,480
8/4/2009 33 days	Actual	33,360	\$1,168.83	\$3,079.13	\$4,247.96	93.6	93.6	16,370	17,040
7/2/2009 31 days	Actual	46,800	\$5,424.46	\$0.00	\$5,424.46	198	198	29,880	16,920
6/1/2009 31 days	Actual	49,320	\$5,462.63	\$0.00	\$5,462.63	190.8	190.8	31,680	17,640
5/1/2009 31 days	Actual	48,960	\$6,204.43	\$0.00	\$6,204.43	199.2	199.2	31,200	17,760
3/31/2009 29 days	Actual	58,800	\$7,288.36	\$0.00	\$7,288.36	204	204	35,160	23,640
3/2/2009 31 days	Actual	56,760	\$7,902.80	\$0.00	\$7,902.80	201.6	201.6	31,200	25,560
1/30/2009 28 days	Actual	55,680	\$9,255.74	\$0.00	\$9,255.74	198	198	32,280	23,400
1/2/2009 30 days	Actual	54,120	\$8,368.94	\$0.00	\$8,368.94	202.8	202.8	30,000	24,120
12/3/2008 36 days	Actual	68,160	\$9,850.20	\$0.00	\$9,850.20	200.4	200.4	39,600	28,560
10/28/2008 28 days	Actual	49,080	\$9,428.68	\$0.00	\$9,428.68	201.6	201.6	29,400	19,680
9/30/2008 32 days	Actual	55,680	\$10,185.37	\$0.00	\$10,185.37	199.2	199.2	33,360	22,320
8/29/2008 31 days	Actual	34,320	\$6,602.47	\$0.00	\$6,685.53	109.2	109.2	17,400	16,920
7/29/2008 32 days	Actual	37,080	\$6,194.92	\$0.00	\$6,194.92	117.6	117.6	17,760	19,320
6/27/2008 28 days	Actual	45,840	\$7,416.11	\$0.00	\$7,416.11	193.2	193.2	27,480	18,360
5/30/2008 30 days	Actual	52,920	\$8,199.90	\$0.00	\$8,199.90	200.4	200.4	33,960	18,960
4/30/2008 30 days	Actual	48,840	\$6,646.15	\$0.00	\$6,646.15	199.2	199.2	30,120	18,720
3/31/2008 31 days	Actual	58,680	\$7,932.18	\$0.00	\$7,932.18	199.2	199.2	32,760	25,920
2/29/2008 28 days	Actual	50,520	\$7,550.26	\$0.00	\$7,550.26	201.6	201.6	28,680	21,840
2/1/2008 29 days	Actual	60,600	\$9,082.21	\$0.00	\$9,082.21	200.4	200.4	36,960	23,640
1/3/2008 34 days	Actual	67,200	\$9,024.24	\$0.00	\$9,024.24	0	0	36,960	30,240
11/30/2007 32 days	Actual	67,080	\$8,405.62	\$0.00	\$8,405.62	0	0	39,600	27,480

Behind the Meter Electricity Use
Swampscott Middle School, 207 Forest Avenue

Little League Complex, Acct. 7543146002

Read Date & Days	Read Type	Total kWh	Utility Charges	Supplier Charges	Late Payment Charges	Total Charges	Metered Peak kW	Metered On-Peak kW
10/31/2009 30 days	Actual	400	\$673.23	\$0.00	\$0.00	\$673.23	95	95
10/1/2009 31 days	Actual	500	\$680.15	\$0.00	\$0.00	\$680.15	95	95
8/31/2009 27 days	Actual	1,900	\$853.11	\$0.00	\$0.00	\$853.11	102	102
8/4/2009 33 days	Actual	6,200	\$1,830.68	\$0.00	\$0.00	\$1,830.68	187	187
7/2/2009 31 days	Actual	6,600	\$1,868.79	\$0.00	\$0.00	\$1,868.79	190	190
6/1/2009 31 days	Actual	9,200	\$2,148.76	\$0.00	\$0.00	\$2,148.76	201	201
5/1/2009 31 days	Actual	2,300	\$1,495.73	\$0.00	\$0.00	\$1,495.73	190	190
3/31/2009 29 days	Actual	1,100	\$171.14	\$0.00	\$24.48	\$195.62	6	6
3/2/2009 31 days	Actual	1,900	\$282.03	\$0.00	\$0.00	\$282.03	6	6
1/30/2009 28 days	Actual	2,600	\$434.15	\$0.00	\$30.85	\$465.00	6	6
1/2/2009 30 days	Actual	1,700	\$282.59	\$0.00	\$31.17	\$313.76	6	6
12/3/2008 36 days	Actual	1,000	\$182.67	\$0.00	\$30.05	\$212.72	6	6
10/28/2008 29 days	Actual	300	\$99.87	\$0.00	\$30.04	\$129.91	3	3
9/29/2008 31 days	Actual	500	\$130.39	\$0.00	\$31.97	\$162.36	3	3
8/29/2008 31 days	Actual	6,300	\$2,102.04	\$0.00	\$32.29	\$2,134.33	150	150
7/29/2008 32 days	Actual	13,400	\$3,253.32	\$0.00	\$32.29	\$3,285.61	188	188
6/27/2008 28 days	Actual	9,200	\$2,620.23	\$0.00	\$0.00	\$2,620.23	202	202
5/30/2008 30 days	Actual	11,200	\$2,882.86	\$0.00	\$0.00	\$2,882.86	209	209
4/30/2008 30 days	Actual	1,500	\$1,250.83	\$0.00	\$0.00	\$1,250.83	161	161
3/31/2008 31 days	Actual	400	\$95.61	\$0.00	\$0.00	\$95.61	1	1
2/29/2008 28 days	Actual	400	\$99.84	\$0.00	\$0.00	\$99.84	2	2
2/1/2008 29 days	Actual	600	\$127.05	\$0.00	\$0.00	\$127.05	2	2
1/3/2008 34 days	Actual	600	\$118.47	\$0.00	\$0.00	\$118.47	0	0
11/30/2007 32 days	Actual	200	\$230.18	\$0.00	\$0.00	\$230.18	0	0