

National Grid

Electrical Facts & Summary of Rates

Electrical Facts

- Basic Service for National Grid Customers in Massachusetts

NOTE: Basic Service consists of the price of electricity that is supplied by National Grid when customers are not receiving power from a competitive power supplier. The price for Basic service is based on the average competitive market price for power. It is important to know that National Grid makes no profit on the sale of Basic Service

E l e c t r i c a l

Average use per month (kWh)						
250	500	1000	2000	10,000	20,000	40,000
<ul style="list-style-type: none">• 10.215 cents per kWh for Residential Customers• 10.287 cents per kWh for Small General Customers• 10.716 cents per kWh for Medium/Large General Service Customers in the SEMA Zone• 10.221 cents per kWh for Medium/Large General Service Customers in the WCMA Zone• 10.508 cents per kWh for Medium/Large General Service Customers in the NEMA Zone						

NOTE: Generation Price displayed are representative average prices for electricity at usage levels that are typical for residential customers.

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The prices and terms for Basic Service are regulated by the Department of Public Utilities billing is available to customers who wish to make fixed monthly payments. Customers may leave this service on their meter read date provided the company receives a minimum of two days notice.

NOTE: Contract items displayed present the length of your contract for generation service, and the price terms included in your contract.

Electricity

Power Source	Known Resources	System Power	Total
Biomass	2%	1%	3%
Coal	0%	12%	12%
Hydro: Large	0%	2%	2%
Hydro: Small	0%	0%	0%
Imported Power	0%	9%	9%
Municipal Trash	0%	1%	1%
Natural Gas	0%	36%	36%
Nuclear	0%	30%	30%
Oil	0%	7%	7%
Other Renewable	0%	0%	0%
Solar	0%	0%	0%
Wind	0%	0%	0%

NOTE: The electricity you consume comes from the New England power grid, which receives power from a variety of power plants and transmits the power throughout the region as needed to meet the requirements of all customers in New England. When you choose a power supplier, that supplier is responsible for generating and/or purchasing power that is added to the power grid in an amount equivalent to your electricity use. Known Resources include resources that are owned by, or under contract to, the supplier. System Power represents power purchased in the regional electricity market. Biomass refers to power plants that are fueled by wood or other plant matter. Hydro resources of greater than 30 megawatts in size are deemed “large hydro.” Other Renewables include fuel cells utilizing renewable fuel sources, landfill gas, and ocean thermal.

E l e c t r i c a l

NOTE: Emissions for each of the following pollutants are presented as a percent of the regional average emission rate. Arrows represent, for each pollutant, the emission rate from hypothetical new generation facility.

Carbon Dioxide (CO₂) is released when fossil fuels (e.g., coal, oil, and natural gas) are burned. Carbon dioxide, a greenhouse gas, is a major contributor to global warming.

Nitrogen Oxides (Nox) form when fossil fuels and biomass are burned at high temperatures. They contribute to acid rain and ground-level ozone (or smog), and may cause respiratory illness in children with frequent high level exposure. Nox also contribute to oxygen deprivation of lakes and coastal waters which is destructive to fish and other animal life.

Sulfur Dioxide (SO₂) is formed when fuels containing sulphur are burned, primarily coal and oil. Major health effects associated with SO₂ combines with water and oxygen in the atmosphere to form acid rain, which raises the acid level of lakes and streams, and accelerates the decay of buildings and monuments.

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contracts with their employees.

0% of the electricity from Known Resources came from power sources that used replacement labor during labor disputes between 1/1/06 and 12/31/06.

76% of the electricity from System Power came from power sources with union contracts with their employees.

NOTE: The information on this label regarding whether generators or suppliers operate under collective bargaining agreements is provided to inform you about whether the energy was produced in plants where employee wages and working conditions are mutually determined by employees and management, and protected by union contracts. The information on this label regarding the use of replacement employees during a labor dispute is provided to inform you whether or not a generator or supplier, during a strike by or lock-out of its employees, has replaced them with other workers.

Summary of Rates

- National Grid divides the bill into **Supply** and **Delivery** categories. Restructuring of the electric industry allows the customer to choose their supplier, the

Summary of Rates

Supply of Electricity

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options are available – a **Fixed Rate** and a month **Variable Rate**.

- ⦿ As the term implies, the Fixed Rate option offers a price that does not change over several months, and is provided for those customers who seek the convenience of having a more stable electric bill.
- ⦿ The monthly Variable Rate option offers a price that fluctuates monthly based upon the market

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average monthly prices over the applicable period.

- If the customer is on the Fixed Rate for Basic Service and decide to switch to a competitive supplier before the period is over, the electric bill will be recalculated. This means that the electric bill for the current contract period, as defined by National Grid, during which the

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commercial/industrial and street light Basic Service customers are automatically placed on the monthly Variable Rate. Customers are allowed to choose the Fixed Rate option; however they can only make this choice once.

- ⦿ The monthly Variable Rate will change from month to month to reflect the actual cost of electricity purchased each

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England (ISO-NE), which oversees the power system and its flow of electricity, initiated a market design driven by geographic location/zone. Pricing aims to satisfy demand as economically as possible by zone. Prices are determined by power supply and the demand within a zone.

Massachusetts has three zones: Northeastern MA/Boston (NEMA), Southeastern MA

Basic Service Supply Prices			
		2007	
Fixed Price Option:		May-Oct	
R-1, R-2, R-4, E		10.215¢	
G-1, S-1, S-2, S-3, S-20		10.287¢	
		2007	2007
G-2, G-3		May-Jul	Aug-Oct
	SEMA	9.657¢	10.716¢
	WCMA	9.413¢	10.221¢
	NEMA	9.747¢	10.508¢
Variable Rate Option:		July	August
R-1, R-2, R-4, E		10.724¢	10.763¢
G-1, S-1, S-2, S-3, S-20		10.823¢	10.990¢

Summary of Rates

Delivery of Electricity

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- All of National Grid's rates are approved by the Massachusetts Department of Public Utilities (DPU). This regulatory agency is responsible for ensuring that electric rates are fair to customers and the Company alike. However, rates charged by power suppliers are not regulated by the DPU.

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Grid's rates in effect as of July 1, 2007. The charges listed may change from time to time. Although selection for the rate is the responsibility of the customer, National Grid will gladly assist customers in determining which rate schedule is most advantageous to them. Certain provisions apply to customers changing from one rate to another. The tariffs on file

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is the proper rate for most residential customers, as other rates require special situations. Service also is available for farm customers when National Grid delivers all electricity. A church and

Rates for R-1 Delivery Service	
Customer Charge	\$6.10 per month
Distribution Charge	2.525¢ per kWh
Transition Charge	0.390¢ per kWh
Transmission Charge	1.238¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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permits the Company to control their operation for the specified control hours and during emergencies, the customer will receive the following credit or credits on their energy use in the designated billing months. The

Control		
	Control Hrs	Credit
IC-1 Water Htr (Jan-Dec)	6-8	\$5.78
IC-2 Water Htr (Jan-Dec)	13-16	\$7.88
IC-3 Central A/C (Jul-Oct)	6	\$6.00
IC-4 Pool Pump (Jul-Oct)	6	\$6.50

closed to new customers and existing customers

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private dwelling or an individual apartment. A customer may qualify for this rate if all of the following criteria are met: (1) customer or record, (2) household income does not exceed 200% of the

Rates for R-2 Delivery Service	
Customer Charge	\$3.96 per month
Distribution Charge	0.381¢ per kWh
Transition Charge	0.361¢ per kWh
Transmission Charge	1.238¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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certain customers who had received delivery service under Eastern Edison Company's Rate R-2, Low Income Rate, as of December 31, 1999, with average monthly usage during 1999 of less

Rates for R-2E Delivery Service	
Customer Charge	\$0.91 per month
Distribution Charge	0.503¢ per kWh
Transition Charge	0.361¢ per kWh
Transmission Charge	1.238¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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customers who would normally be served under Basic Residential Rate R-1. Customers are eligible for this rate if their average usage exceeds 2,500 kWh per month for

Rates for R-4 Delivery Service	
Customer Charge	\$20.18 per month
Distribution Charge	
On-Peak	6.137¢ per kWh
Off-Peak	0.325¢ per kWh
Transition Charge	0.390¢ per kWh
On-Peak	1.244¢ per kWh
Off-Peak	0.056¢ per kWh
Transmission Charge	1.033¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh
Metering Charge	If Applicable

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This delivery rate is designed for small commercial and industrial customers with less than 10,000 kWh per month or demand of less than 200 kW per month. Delivery service under this rate is

Rates for G-1 Delivery Service	
Customer Charge	\$8.74 per month
Unmetered Charge	\$6.80 per month
Distribution Charge	4.018¢ per kWh
Transition Charge	0.373¢ per kWh
Transmission Charge	1.149¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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10,000 kWh per month and demand not exceeding 200 kWh per month. It is available for all purposes and includes both demand charges plus

Rates for G-2 Delivery Service	
Customer Charge	\$16.01 per month
Distribution Charge	
Demand	\$6.21 per kW
Energy	0.147¢ per kWh
Transition Charge	
Demand	\$.044 per kW
Energy	0.262¢ per kWh
Transmission Charge	1.132¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh
Metering Charge	If Applicable

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customers. It is mandatory for any customer who has a 12-month average monthly demand of 200 kWh or greater for three

Rates for G-3 Delivery Service	
Customer Charge	\$70.72 per month
Distribution Charge	
Demand	\$3.80 per kW
Energy On-Peak	1.249¢ per kWh
Energy Off-Peak	0.017¢ per kWh
Transition Charge	
Demand	\$.75 per kW
Energy	0.140¢ per kWh
Transmission Charge	1.032¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh
Metering Charge	If Applicable

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- Customers on Rates G-2 and G-3 are eligible to receive a discount for High Voltage Metering and Transformer Ownership (High Voltage Delivery) if the customer meets the criteria for receipt of the discounts. There are other terms seen in the next tariffs.

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Street Lighting Service is available under this rate to any city, town, or other public authority. Service under this rate is contingent on Company ownership and maintenance of street lighting equipment.

Rates for S-1 Delivery Service	
Distribution Charge	(0.022¢) per kWh
Transition Charge	0.393¢ per kWh
Transmission Charge	0.961¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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Service is provided under this rate to any city, town, or other public authority. Service under this rate is contingent on customer ownership or street lighting equipment in an overhead street lighting

Rates for S-2 Delivery Service	
Distribution Charge	(0.022¢) per kWh
Transition Charge	0.393¢ per kWh
Transmission Charge	0.961¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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the customer owns the underground street lighting system . This rate remains available for underground street lighting systems in which the customer owns the facilities upon which the

Rates for S-3 Delivery Service	
Distribution Charge	(0.022¢) per kWh
Transition Charge	0.393¢ per kWh
Transmission Charge	0.961¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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right under G.L.C. 104
34A of the 1997
Massachusetts Electric
Utility Restructuring Act,
or has transferred
customer-owned lights
from rates S-2 or S-3 to
this rate. Service under

Rates for S-1 Delivery Service	
Distribution Charge	1.750¢ per kWh
Transition Charge	0.393¢ per kWh
Transmission Charge	0.961¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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public authority normally served by Rate S-1 and participating a conversion of the street light lamps to sodium vapor. Service under this rate is contingent on Company ownership and

Rates for S-1 Delivery Service	
Distribution Charge	(0.022¢) per kWh
Transition Charge	0.393¢ per kWh
Transmission Charge	0.961¢ per kWh
Energy Conservation	0.250¢ per kWh
Renewable Energy Charge	0.050¢ per kWh

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charged a luminaire and, if applicable, a pole charge. These charges vary depending upon the size and type of street light fixture servicing the customer. Please see each tariff for more information.

- ⦿ Residential customers or customers served under Rate Classes G-1, G-2, or Street Lights (Rate Classes S-1, S-20) have any questions call

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Monday through Friday,
all day Saturday and
Sunday, and holidays.

- The holidays are: New Year's Day, President's Day, Memorial Day, Independence Day, Columbus Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day. All holidays are the day of National Observance.

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they meet the criteria listed under R-2 Low Income Rate.

- Some qualifying means-tested public benefits include: EAEDC, Food Stamps, Head Start, Mass Health, Mass Comm. Blind Benefits, National School Lunch/Breakfast Program, Public Housing, Supplement Security Income, TAFDC, Veterans Chapter 115 benefits, Veterans DIC

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- For customer's convenience, National Grid offer Payment Plans for past due balances, and Budget Plans for future balances. They also offer Direct Debit payments from checking accounts.

For More Information

- ⦿ National Grid's
- ⦿ Website
 - > www.nationalgrid.com
- ⦿ Customer Service
 - > 1-800-322-3223