

**Content label for Town of Dedham
Community Choice Program**



ConEdison Solutions' customers are served through a regional power grid administered by the New England Independent System Operator. ConEdison Solutions supplies its customers with system power from this regional power grid, not from specific generating units. ConEdison Solutions procures renewable energy content to meet the Massachusetts renewable portfolio standard requirements and to supply voluntary green products chosen by customers. Information about ConEdison Solutions' renewable power content is shown below in the table on the right.

ConEdison Solutions will update fuel sources and emissions data for its customers quarterly, allowing customers to compare data among the companies providing electricity service on Cape Cod and Martha's Vineyard.

Generation Prices (cents per kilowatt hour)	Dedham Basic	Dedham Local Green	Dedham Premium Local Green	Period In effect
All Customers	0.0949	0.0969	0.1329	Jan. 2016–Jan. 2018 meter read

Generation prices do not include regulated charges for customer service and delivery. Those charges are billed by your local distribution company.

ConEdison Solutions January 31, 2017 Disclosure Label
Based on the most Current Data Available at the Time of Filing.

New England System Mix	
Fuel	Percentages
Biodiesel	0.00%
Biomass	2.09%
Coal	2.88%
Diesel	1.56%
Digester gas	0.06%
Efficient Resource (Maine)	0.27%
Energy Storage	0.00%
Fuel cell	0.23%
Geothermal	0.00%
Hydroelectric/Hydropower	5.98%
Hydrokinetic	0.01%
Jet	0.02%
Landfill gas	0.44%
Municipal solid waste	1.13%
Natural Gas	40.91%
Nuclear	28.12%
Oil	8.71%
Solar Photovoltaic	1.54%
Solar Thermal	0.00%
Trash-to-energy	2.09%
Wind	2.29%
Wood	1.67%
Total	100.00%

ConEdison Solutions Power Attribute Content	
Dedham Basic	
Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	21.03%
System Mix	78.97%
Total	100.00%

ConEdison Solutions Power Attribute Content			
Dedham Local Green (5% Green)		Dedham Premium Local Green (100% Green)	
Source	Percentage	Source	Percentage
MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	21.03%	MA Renewable Portfolio Standard Requirements (includes Wind, Solar, Biomass, and other renewable resources pursuant to MA regulations)	21.03%
MA Class I Resources (Wind, Solar)	5.00% <small>(Measured against retail kWh)</small>	MA Class I Resources (Wind, Solar)	100.00% <small>(Measured against retail kWh)</small>
Total Green Content	26.03%	Total Green Content	121.03%

Note: The total exceeds 100% green content because the product also includes renewable content to satisfy the mandatory state RPS requirements. The resources in the local green options are sourced from MA.

Labor Information: ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources with union contracts with their employees. Additionally, ConEdison Solutions is unable to obtain information on how much of the electricity assigned to this electricity product came from power sources that used employees involving labor disputes during this period.

For further information contact:
Massachusetts Department of
Energy Resources • 617-626-7300
• DOER.Energy@State.MA.US
• [http://www.mass.gov/eea/
grants-and-tech-assistance/
guidance-technical-assistance/
agencies-and-divisions/doer/](http://www.mass.gov/eea/grants-and-tech-assistance/guidance-technical-assistance/agencies-and-divisions/doer/)

Massachusetts Department of
Public Utilities 1-
877-886-5066

ConEdison Solutions
1-855-788-9885
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Air Emissions

Emissions for each of the following pollutants are based on System Mix data provided by the New England Power Pool (NEPOOL) and ISO New England for the most current data available at the time of filing.

System average emission rates are based on the most current annual data available at the time of filing and were prepared for New England Power Pool (NEPOOL) by ISO New England.

Emissions data:

ConEdison Solutions

Emission Type	Lbs. per MWh
Nitrogen Oxides (NO _x)	0.759
Sulfur Dioxide (SO ₂)	0.915
Carbon Dioxide (CO ₂)	822.221

New Unit emissions data for CO₂ is 895 lbs/MWh; for NO_x is 0.055 lbs/MWh; for SO₂ is 0.011 lbs/MWh

Sulfur Dioxide (SO₂) is formed when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with SO₂ include asthma, respiratory illness and aggravation of existing cardiovascular disease. 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.

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

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.

Notes

The NEPOOL system mix represents all resources used for electricity generation in the region. ConEdison Solutions purchases power from the NEPOOL system.