

## Electricity Sources

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**Summary:** On behalf of local consumers, the Cape Light Compact and NStar enter into contracts with power suppliers that own the rights to energy generated by facilities located throughout New England. These agreements define the "contract path" for the power purchased by local consumers. On the contract path, the fuel supply mix for local consumers is equivalent to that for the entire New England electricity system. This "system power" mix is dominated by fossil fuel plants, including the Canal Electric Plant in Sandwich and the Brayton Point Station upwind of Cape Cod, that supplied more than 60% of total New England generation in 2004. Nuclear power plants, including the Pilgrim Plant in Plymouth, accounted for 28% of the regional mix. Facilities considered renewable (but not necessarily environmentally benign), including large-scale hydro facilities and plants burning wood, construction debris and municipal wastes, generated most of the rest of the power. Wind and solar energy installations dispersed throughout New England, including some in local communities, produced a negligible amount of electricity.

