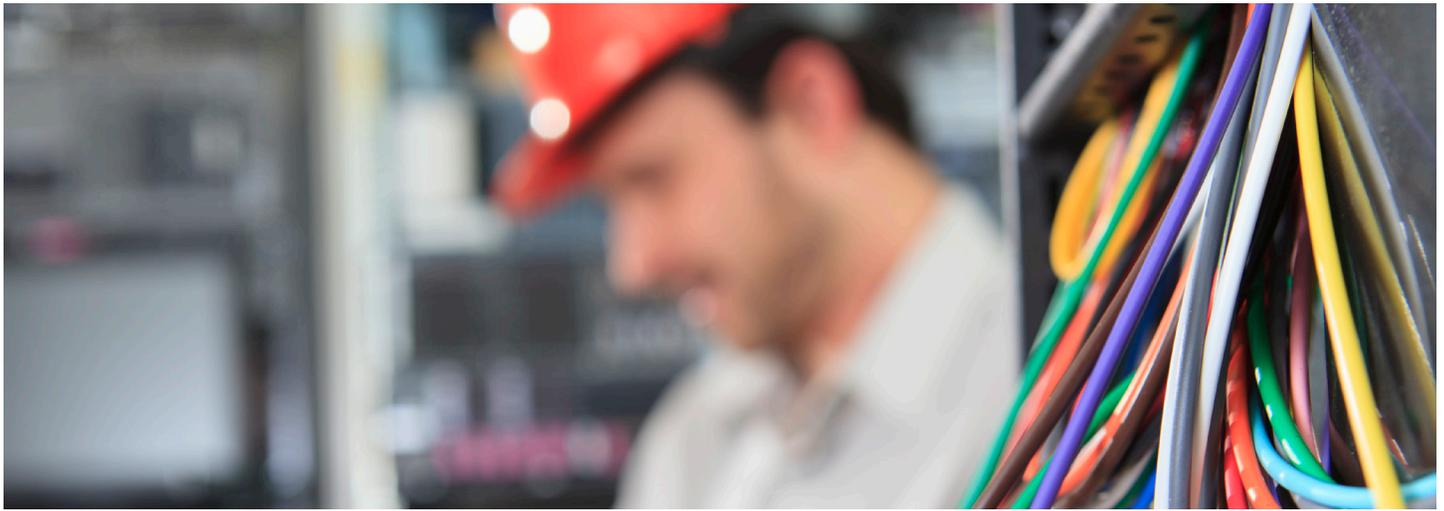


Braintree Electric Light Department

BUSINESS SERVICES



1892

year BELD was founded by
Thomas Watson

3

Substations in BELD's
distribution system

93

BELD's peak demand in
megawatts

2009

year BELD's Watson
Station was completed

Braintree Electric Light Department (BELD) is a municipal electric utility providing low-cost and reliable electric service to the Town of Braintree. Considered a vertically integrated utility, BELD is fairly unique in that we are one of only a handful of municipals in the state that still own and operate generation, transmission and distribution equipment.

We currently own and operate **three power plants** and bid these plants into the ISO New England market system. They include Potter II, a 96-megawatt (MW) combined-cycle power plant, and the two new Thomas Watson 58-MW quick-start simple-cycle turbines. The units provide added reliability to our system as well as a physical hedge against high energy prices. In an extreme situation, we can run the Town of Braintree as an island by using our own internal generation.

BELD's 115 kV **transmission system** is essentially a loop system connected at two different transmission lines on the NStar system. Should either one of these transmission lines fail—either on our system or on the NStar system—we have the capability to seamlessly continue electrical service to the town by using the second line.

BELD's **distribution system** consists of three substations, two of which can easily handle our peak demand (about 93 MW). If a catastrophic event were to take out an entire substation, the other two would be able to carry the load. In 2010 we installed a second substation transformer at our station located behind the South Shore Plaza, allowing for even more redundancy throughout the electrical system.

RATES

Providing highly reliable electric service at the lowest reasonable cost is a primary focus at BELD. We have also developed a hedging plan minimizing the volatility of our rates. Taking a long-term approach toward the electric markets—by building power plants and contracting for extended periods with other energy providers—has helped BELD customers realize a significant savings in electric rates when compared to investor-owned utilities. Our customers are benefiting from the 2009 completion of the Thomas A. Watson Generating Station and moderating energy costs, as evidenced by BELD's reduced electric rates.

(continued on reverse)

10

Number of minutes needed for Rolls-Royce turbines to reach full load

2,200

Number of public power systems in the country

3

Commissioners serving on Braintree's Municipal Light Board

1998

year BELD Broadband introduced Internet service

340

Number of cable channels offered by BELD Broadband

ENGINEERING SERVICES

Whether it's new construction, renovations to a building, or simply a move into an existing footprint, Braintree Electric Light Department is there to assist new Braintree businesses throughout the entire process. Representatives from BELD's Engineering Department meet with the new owners to discuss all of their electrical needs—including signing in as a new customer, deposits, invoices, payments, projected loads, equipment specifications, electric rates, and meters.

New construction—When the move involves new construction, BELD's Engineering Department works very closely with other town departments to design the location and layout of all utilities to ensure there is no overlap of the required equipment. Typically for new construction, all the new electric infrastructure is placed underground—improving reliability as well as aesthetics. BELD uses construction drawings to determine the best locations for our equipment—including transformers, switchgear, conduit, and meters.

Renovations to existing buildings—BELD is present during the renovation of existing buildings to assist with all electrical issues such as service upgrades or changes, meter changes and transformer changes. We look very closely at projected loads and determine the best options for BELD as well as the customer. Incorrectly-sized electrical equipment can cause losses on our system and increase costs to the customer.

Expansion of South Shore Plaza—BELD's Engineering Department has worked recently with representatives of the South Shore Plaza to help in the design and construction of the new Plaza expansion. In addition to planning the locations of our new underground conduit and equipment, we added another automatic switchgear device to improve the reliability of the electrical system. The South Shore Plaza now has two dedicated feeders, a backup feeder, and several automatic switchgear devices—the combination of which will provide high reliability to the area.

BELD BROADBAND SERVICES

- The same **digital cable, high-speed Internet service and unlimited nationwide calling** that Braintree residents enjoy is available to businesses as well. We even have triple play packages of all three services at one low rate.
- Need more speed? BELD Broadband also can provide a **reliable, custom-designed fiber solution** to your business. You'll connect directly to the Internet, reducing network outages and Central Office failures.
- **Advertise your business** on BELD Broadband cable television for a fraction of the cost of traditional TV spots. You can target your audience better than print advertising, and we can produce something for you at reasonable rates.

For more information about BELD's Business Services, call Key Accounts Representative Mike Ford at 781.348.2370 or email mford@beld.com.



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YOUR HOMETOWN ELECTRIC & BROADBAND DEPARTMENT