



Mystic Outfall Closure & Fuel Unloading Project

EVERETT, MASSACHUSETTS

Mystic Generating Station is a 1,998-megawatt (MW) fossil power plant capable of burning both natural gas and petroleum, but mostly burns natural gas. The plant consists of eight separate generating units: Mystic 8 and 9 are six natural gas units that can produce 690.9 MW; Mystic 7 is a natural gas or petroleum unit that produces 577.6 MW; and Mystic Jet is small petroleum-fueled unit that produces 8.6 MW in periods of high demand.

Cashman was selected to complete outfall structure repairs at Mystic Unit 4-6 in the Outfall Channel including filling of existing outfall and construction of a new barge berth.

PROJECT HIGHLIGHTS

- General construction
- New barge berth structures (manifold platform, breasting and mooring dolphins, an access trestle, and catwalks)
- Outfall structure repairs (channel repairs including selective demolition and silt issues)
- Vertical and battered piling
- Concrete slabs
- Hours of operation were 6 days/week (7 AM-5 PM)
- Vessels engaged in the daily operations included: 180-5 crane barge; SEI-14 crane barge; 120 x 60 deck barge; SEI-148 deck barge; 2003 hopper barge, and BOSCO Push Boat.

Location:	Everett, MA
Contractor:	Cashman Dredging & Marine Contracting Company, LLC
Contract Dates:	2016 - 2017
Dollar Value:	\$7 Million
Awarding Authority / Owner:	Exelon Generation Company LLC

