

### ENERGY UPGRADE CENTRAL BIO-MASS WOODCHIP BOILER OAKLAND, ME

#### DESCRIPTION:

Construction of a 2,472 SF biomass plant to provide hot water for three local schools: Messalonskee High School, Messalonskee Middle School and Williams Elementary School. "This new facility will reduce heating oil usage by 60,000 gallons per year, and lessen the schools' environmental impact while simultaneously saving between \$5 (million) to \$10 million in operating costs over the next 30 years," U.S. Sen. Olympia Snowe wrote in a letter presented during a ceremonial groundbreaking. "This is truly a win-win-win proposition."

#### PROJECT TASKS:

CCB was contracted to provide all civil, electrical, architectural and mechanical services to install a foundation; a new boiler building to house a wood chip boiler; all underground piping which will serve the three separate school building in the RSU-18 complex in Oakland. Over 6000' of pipe was laid for this project. The boiler building includes a boiler room and a 55' x 24' chip bunker where chips are stored and fed to the bio-mass boiler via a screw auger and conveyor belt.

#### OWNER:

RSU 18, Oakland, ME

#### CLIENT REFERENCE:

Honeywell  
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