








# LONGO

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# MAJOR PUMP PROJECTS

## Extraordinary Work on Extraordinary Pumps

PROJECT	REPAIRS	TURNAROUND
 <p><b>NRG Montville Power Facility, Uncasville CT</b> Circulating Water Pump Wheeler model 30 x 42 safv vertical 1 stage pump, 26,000 GPM, 33ft head @ 585 rpm. pump weight: 27,394 lbs 40" od suction bell flange,</p>	<p>Overhauled pump along with 300HP vertical motor. Additional work on the pump included ceramic coating one journal of bowl shaft, manufacture new bearing housing, new bearings, balance impeller on shaft. Coated pump exterior with coal tar epoxy, impeller housing painted blue</p>	<p>10 working days</p>
 <p><b>GDF SUEZ Nassau Energy LLC Garden City NY</b> Boiler Feed Pump, repair 9 stage segmented ring type, Goulds Model 3310 H 9 stage.</p>	<p>Complete pump overhaul. Manufactured new shafts, new bearings, new shaft sleeves and spacers. Installed two balanced mechanical seals. Returned to customer, reinstalled, set axial float, and field tested.</p>	<p>6 Week turn around</p>
 <p><b>Conectiv Bethlehem, PA</b> Six (6) vertical turbine FlowServe 34APM-1 circulator pumps. Pump Wt: 29,440 lbs. 48" discharge, 60" OD flange. 67,600 GPM. Motor: Hyundai 1650 HP, 4160 volts.</p>	<p>Field Service Division removed and installed complete motor/pump units one at a time. Units were transported to Wharton Servicenter for complete pump and motor repairs.</p>	<p>All six motor/pump units removed, repaired and reinstalled in 56 days</p>
 <p><b>PSE&amp;G Bergen Generating Station Bergen County, NJ</b> Cooling tower vertical turbine FlowServe/ 57 APH-1-Stage, 68,500 GOM @ 94.4 FT-TDH. Pump Wt: 22,650 lbs. Pump size; 25 ft. long, 64" OD suction bell flange.</p>	<p>Excessive vibration nearly destroyed rotating element. Manufactured new shaft 17-4 material, chrome plated head shaft at the coupling. Welded and repaired holes in 316 SS column pipe and suction bell and epoxy coated. Replaced all wear parts with new.</p>	<p>14 days</p>
 <p><b>Birchwood Power Partners King George VA.</b> Circulator Water Pump Byron Jackson Model 54 WX-1 Stage With a 1400 HP motor 53,450 GPM 82TDH</p>	<p>Complete turnkey project with field service to extract and reinstall pump and motor. Pump needed manufactured upper and lower shafts, all new bronze bearings and sleeves. The pump motor was shot and needed rewinding. A second motor was also shot. Both motors needed extensive repairs.</p>	<p>Two motors and one circulator pump repaired and reinstalled in 22 days</p>



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