

HARBEC, Inc.

Location	Ontario, NY
Industry	Industrial Goods & Svcs.
Organization-Wide Partner?	Yes
Total Green Power Usage (kWh/year)	3,032,000
Competitive Green Power (kWh/year)	1,980,000
Self-Supply (kWh/year)	1,052,000
Percent Green Power	108%
Award/Recognition	On-Site Generation 2004, Direct Project Engagement 2016
Reporting Period	1/1/2017 - 12/31/2017
Latest Report Received On	3/7/2019
Website	http://www.northerndevelopment.com
Profile	<p>HARBEC, Inc. was formed in 1977 by toolmaker Bob Bechtold and has grown to become a full-service supplier of plastic injection molded parts to many Fortune 500 customers. In 2004 HARBEC was awarded an EPA Green Power Leadership Award. Since then HARBEC has continuously improved its company-wide energy performance while growing its business through efforts such as:</p> <ul style="list-style-type: none"> - In 2011 HARBEC completed installation of an 850 kW on-site wind generator. - In 2013 HARBEC attained ISO 50001/SEP Platinum and Better Plants – Challenge Partner. - In 2014 HARBEC achieved Carbon Neutrality. - In 2015 the NYS Department of Environmental Conservation (NYSDEC) awarded HARBEC an Environmental Excellence Award for innovation in achieving carbon neutrality. - In 2015 HARBEC pursued a \$2M upgrade of its combined heat and power (CHP) facility to achieve even greater operating efficiencies and cost savings. The upgrade project incorporated 8 new 65 kW Capstone microturbines (with a total rated capacity of 520 kW's). HARBEC also retained 10 of its original CNG fueled 30 kW microturbines. Total maximum potential of the new CHP system is 820 kW. <p>HARBEC has integrated onsite wind generation and CHP system (operating on thermal priority) into a renewable and clean energy microgrid. HARBEC's innovative deployment and integration of renewable and alternative energy technologies has enabled the business to achieve fixed energy costs and increased energy utilization. Approximately 60% of HARBEC's electrical power is provided by its two wind turbines and 20% is generated from CHP. The balance (20%) of electrical power HARBEC needs is purchased from 100% green power sources. To achieve carbon neutrality, HARBEC purchases carbon credits from Bonneville Environmental Foundation to offset 100% of the CNG used to operate their CHP plant and fuels used to operate their vehicle fleet. HARBEC also offers its employees a 50% subsidy for buying utility-supplied green power at their residences.</p>