Evoqua Water Technologies is the global leader in helping municipalities and industrial customers protect and improve the world's most fundamental natural resource: water. Evoqua has a more than 100-year heritage of innovation and industry firsts, market-leading expertise, and unmatched customer service, where it continues to transform water and wastewater. Its cost-effective and reliable treatment systems and services ensure uninterrupted quantity and quality of water, enable regulatory and environmental compliance, increase efficiency through water reuse, and prepare customers for next-generation demands. Evoqua's unparalleled portfolio of proven brands, advanced technologies, mobile and emergency water supply solutions and service helps cities across the world provide and discharge clean water, and enable leisure and commercial industry to maximize productivity and profitability. For more information, visit www.evoqua.com/fishprotection.

About Evoqua

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Language:

English

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Links:
id=smartlink&url=http%3A%2F%2Fwww.evoqua.com%2Fishprotection%26esheet%3D51113186%3Bnewsitemid%3D20150601005067%3Blan%3Den-US%3Banchor%3Dwww.evoqua.com%2Fishprotection%26index%3D4%3Bmd5%3D8ce0f8

Terms:

2015

Dateline City:

PITTSBURGH & MINNEAPOLIS

PITTSBURGH & MINNEAPOLIS--(BUSINESS WIRE)--Xcel Energy, world recognized for its leadership in sustainability and a fixture on the Dow Jones Sustainability Index, is reinforcing its environmental leadership and commitment to protecting natural resources through the installation of modified Ristroph fish protection intake systems from Evoqua Water Technologies, at Xcel Energy’s Black Dog generating facility located in Burnsville, MN. The new equipment is expected to significantly increase biodiversity in the region through the protection of fish species and seasonal larvae.

Upon the completion of the installation, which is expected to be operational in 2016, Xcel Energy is believed to be among only a handful of facilities in the country meeting impinged fish protection requirements of the U.S. EPA’s new regulations implementing Section 316(b) of the Clean Water Act, which establishes requirements for cooling water intake structures to minimize adverse environmental impacts utilizing Best Technology Available (BTA). The requirement impacts 1,065 existing facilities across the U.S., including 544 power plants.

Xcel Energy’s Black Dog generating facility will install eight Evoqua fish-friendly screening systems utilizing the industry’s only non-metallic modified Ristroph baskets. The Evoqua system prevents small fish from entering the plant’s water intake and cooling system and returns them to the river, allowing them to continue movement downstream. The installation is expected to begin in the fall of 2015 and to be completed in 2016. If needed, these baskets are capable of seasonally interchangeable fine mesh panels to protect larvae.

“Xcel Energy’s leadership in fish protection and in the installation of their Black Dog power generation facility takes that commitment to the next level,” said Dr. Mirka Wilderer, General Manager of Evoqua’s Separation Technologies business. “Xcel Energy has been using our fish protection system at its Allen King, Minn., unit since 2007, but will now take that protection proactively to yet another site including the ability to swap in finer mesh screens if needed for seasonal larvae protection as well.

“With this installation, Xcel Energy and Black Dog will be in the forefront of the more than one thousand plants in the U.S. in terms of fish protection,” added Wilderer.

In addition to its fish protection efforts at Allen King, Xcel Energy has been using an earlier version of Evoqua’s fish and larvae protection system at its Prairie Island, Minn., facility since 1982. With the Black Dog upgrade, Xcel Energy will install the latest technology that uses non-metallic baskets which are up to 50 percent lighter than traditional steel baskets, thereby reducing hanging weight, motor torque, and requiring substantially less maintenance and operating costs. More information can be found at www.evoqua.com/fishprotection.

Xcel Energy Sustainability

Xcel Energy issues an annual corporate responsibility report to share with customers, shareholders and other stakeholders the company’s economic, social and environmental impacts. The full report can be found by clicking here.

About Xcel Energy

Xcel Energy (XEL) is a major U.S. electricity and natural gas company with regulated operations in eight Western and Midwestern states. Xcel Energy provides a comprehensive portfolio of energy-related products and services to 3.5 million electricity customers and 1.9 million natural gas customers through its regulated operating companies. Company headquarters are located in Minneapolis. More information is available at www.xcelenergy.com.

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Xcel Energy Takes Environmental Stewardship to the Next Level With Evoqua’s Fish Protection Systems

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