EA Engineering, Science, and Technology, Inc., PBC (EA) has a reputation for providing technically excellent environmental services to the hydropower industry. Since the 1980s, EA has supported more than 70 hydroelectric projects, providing our clients with a national perspective and a broad understanding of the issues facing the hydropower industry in today’s changing marketplace.

Our strong in-house staff includes scientists, engineers, planners, and regulatory specialists, who have extensive experience with Federal Energy Regulatory Commission (FERC) hydropower licensing and compliance, and have been involved in FERC hydropower matters for the past 30 years.

These professionals have significant technical expertise in a variety of resource areas and have conducted numerous environmental resource studies at hydropower facilities, including studies of water quality, instream flows, fish and aquatics, terrestrial resources, and recreational usage.

EA has experience using all three FERC licensing process options for hydropower projects: Integrated Licensing Process (ILP), Traditional Licensing Process (TLP), and Alternative Licensing Process (ALP). EA staff members have experience preparing FERC license applications and NEPA documents for hydropower projects, including scoping documents, EAs, and EISs.

EA staff includes trained facilitators and public outreach specialists, who are experienced at leading collaborative licensing efforts and negotiating settlement agreements.

Comprehensive Environmental Services

Regulatory
- FERC Licensing and License Amendments
- Licensing Strategic Planning
- Agency Consultation and Public Outreach
- Meeting Facilitation and Settlement Negotiations
- FERC License Implementation and Compliance
- Section 401 Water Quality Certification
- Section 404 and Section 408 Permits
- FERC Preliminary Permits
- NPDES Permitting
- Other State and Local Permits

Environmental
- Water Quality and Water Supply Studies
- Instream Flow Incremental Methodology (IFIM)
- Hydraulic Modeling
- Mussels and Macroinvertebrates Surveys
- Fish and Aquatics Surveys
- Fish Passage and Diadromous Fish Studies
- Wetlands and Terrestrial Resources Studies
- Recreation and Land Use Planning and Studies
- FERC Form 80
- Shoreline Management Plans
- Threatened and Endangered Species Studies

Environmental Engineering
- Habitat Restoration and Mitigation
- Shoreline Erosion and Stabilization
- Erosion and Sediment Control
- Stormwater Management
- Fishway Design
- Hydropower Feasibility Assessments
About EA

EA is a 100% ESOP-owned public benefit corporation that provides environmental, compliance, natural resources, and infrastructure engineering and management solutions to a wide range of private and public sector clients. Headquartered in Hunt Valley, Maryland, EA employs more than 450 professionals through a network of 25 commercial offices across the continental United States, as well as Alaska, Hawaii, and Guam. In business for more than 42 years, EA has earned an outstanding reputation for technical expertise, responsive service, and judicious use of client resources. For more information about EA, visit www.eaest.com

Hydropower Project Experience

- Meldahl, Ohio
- Smithland, Ohio
- Badger-Rapide Croche, Wisconsin
- Kaukauna City Plant, Wisconsin
- Osage, Missouri
- Yuba-Bear, California
- Drum-Spaulding, California
- McCloud-Pit, California
- Susitna-Watana, Alaska
- Hydro Dam #4 Hydro Station, West Virginia
- Hydro Dam #5 Hydro Station, West Virginia
- Upper and Lower Red Lakes, Wisconsin

Meldahl - EA supported the City of Hamilton, Ohio and American Municipal Power with initial licensing, license amendments, permitting, and consultation for a new hydroelectric project and transmission line.

Badger-Rapide Croche

From 2006 to 2012, EA supported Kaukauna Utilities (KU) with relicensing and new hydro construction efforts for this project on the Fox River, Wisconsin. EA helped develop and implement a fish and mussel relocation plan.

Office Locations

For More Information, Contact:

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