

## Overview

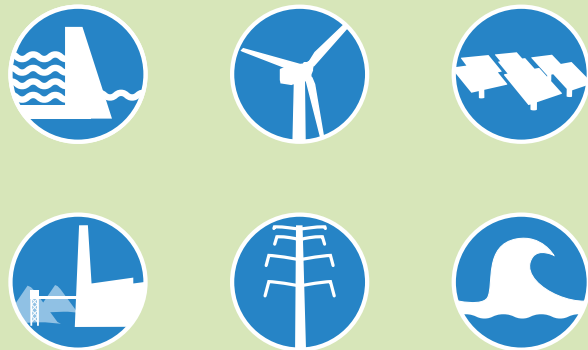
HDR is an engineering, planning, consulting and architectural firm that excels at helping clients manage complex projects and make sound decisions. As an integrated firm, HDR provides a total spectrum of services for our clients.

## Our Approach

Our operating philosophy is to be an expertise-driven international firm that delivers customized solutions through a strong local presence. HDR's ability to draw upon companywide resources and expertise is a great strength in meeting and exceeding client expectations.

With more than 900 employee-owners dedicated to energy projects, we have the unique ability to provide our clients with solutions every step of the way.

What sets us apart is our ability to see the big picture and develop customized options that add greater value. As a result, we work as an extension of our client's staff to navigate the complex path to an efficient and sustainable energy program.



Power Generation | Renewables | Power Delivery

### strategic consulting

We are unique in our ability to advise clients with strategic consulting from an unbiased position. Working as a development partner, we offer strategic guidance through delivery of technical and economic feasibility studies, system performance requirements, cost of generation and bid development and negotiations. We support projects from initial concepts to final implementation and successful commercial operation.

#### Power Consulting

We work with our clients to ensure that all factors critical to project success including economic and regulatory factors have been addressed as part of a clear strategy for asset management and project delivery.

#### System Planning & Analysis

HDR uses nationally recognized software packages to provide the versatility, accuracy and efficiency to analyze numerous operating conditions.

#### Decision Economics

Our decision economics staff have completed over 500 economic and financial studies in the past 20 years. In the past five years, we've led successful risk analysis studies for clients across North America.

#### Owner's Engineer & Program Management

As an owner's engineer, we forge client partnerships to identify cost-effective and environmentally sustainable designs.

### regulatory & natural resources

Regulation of electricity production, delivery and use has expanded exponentially in recent decades, creating a maze of environmental regulations.

Our environmental, regulatory and public involvement experts address industry concerns and can help reduce the impact of new infrastructure projects – offering innovative solutions to concerns associated with new and complex energy projects.

#### Planning & Siting

We leverage national expertise combined with local teams to chart an effective and defensible path to success.

#### Resource Analyses & Planning

Our technical staff covers environmental, cultural resource, air, noise, waste, water resources, and fisheries issues.

#### Environmental Permitting & Compliance

By utilizing our local relationships, HDR is able to successfully permit and consult with agencies to comply with local and regional concerns specific to your project's area.

#### Public Involvement

HDR's public involvement professionals design outreach programs that enhance community acceptance, build trust, and protect client reputations.

#### Right-of-Way Services

HDR's ROW team offers specialized real estate consultation, project planning assistance, and post-project management.

### engineering

HDR's engineers support a variety of power projects. Our power plant engineers offer expert solutions for issues from traditional power plant operation to new construction and facility redesign. Our engineering teams provide the total scope of services

for your power and energy projects including powerhouse and balance-of-plant to power delivery and end user facilities. In particular, HDR leads the industry in renewable energy solutions.

#### Power Delivery

HDR is leading the charge to modernize and expand power delivery systems to ensure a more reliable and robust national electricity supply with transmission line voltages through 500kV.

#### Power Generation + Energy Systems

HDR has helped design and construct efficient, economical power & central energy plants, from small municipal facilities to large central plants to the owner's standards for 90+ years.

#### Renewable Energy

Our professionals provide economical means to develop power from renewable energy sources. With the strongest combined resume in wind energy, solar, WTE/biomass, hydropower, pumped storage and wave/tidal power – HDR leads the industry in renewable energy. We have sited and designed as many wind energy projects as any firm. This experience is enhanced by our reputation for proven solutions in renewable solid fuels, biofuels, hydropower, solar, landfill gas, offshore energy, and more.

*"HDR has demonstrated an exceptional knowledge of the industry from a cost and technology perspective. They have been a value-added firm with regards to all aspects of their involvement in our initiatives."*

Scott Patulski  
Vice President, We Energies

### alternate delivery

HDR's capabilities go beyond traditional planning and design, offering our clients a full range of design-build project delivery options. HDR's design-build professionals manage systems, and provide solutions to effectively manage risk and streamline delivery.

### construction management

A solid construction management team improves project quality and peace of mind for owners and operators. HDR provides a full range of construction management services to ensure all plan details are carried out correctly.

**HDR offers a comprehensive suite of services for every phase of your project**

