

# STATEMENT OF QUALIFICATIONS

EDF Renewables 15445 Innovation Drive San Diego, CA 92128 388-521-3300 | info@edf-re.com www.edf-re.com



# ABOUT EDF RENEWABLES

### EDF Renewables provides clean energy solutions throughout North America

EDF Renewables is a market-leading independent power producer and service provider. Delivering **grid-scale power:** wind (onshore and offshore), solar photovoltaic, and storage projects; **distributionscale power:** solar and storage; **asset optimization:** technical, operational, and commercial expertise to maximize performance of generating projects, and **onsite solutions**, through the Company's PowerFlex subsidiary, offering a full suite of onsite energy solutions for commercial and industrial customers: solar, storage, EV charging, energy management systems, and microgrids. EDF Renewables' North American portfolio consists of 16 gigawatts (GW) of developed projects and 13 GW under service contracts.

### Snapshot of EDF Renewables North America

Company Name	EDF Renewables		
State of Incorporation	Delaware		
Year Founded	1985		
Ownership	Subsidiary of EDF Renouvelables		
Headquarters	San Diego, CA		
Target Sectors	Utility, Municipal, Cooperative, Corporates, Education, Non-Profits		
Markets	USA, Canada and Mexico		





# OUR STORY

We've been on the forefront of the burgeoning wind industry in California as a service provider beginning in 1985. We expanded into project development in 2000 and since have developed 16 GW solar, wind and storage projects across North America. Our customers include utilities, municipalities, corporations, educational organizations, developers and investors.



### CORPORATE STRUCTURE

### EDF GROUP

 $\sim\!80$  years' experience

 $\begin{array}{l} 91\% \hspace{0.1 cm} \text{production free} \\ \text{from } CO_2 \hspace{0.1 cm} \text{emission} \end{array}$ 

167,000 employees

38.5+M clients worldwide

### EDF RENOUVELABLES

18.5 GW installed worldwide

22 operating countries

4,500 employees

30 TW green electricity

### EDF RENEWABLES NORTH AMERICA

16 GW developed

13 MW O&M contract

44 GW

35+ years' experience

1,650 employees

EDF Renewables is a subsidiary of EDF Renouvelables, the dedicated renewable energy affiliate of the EDF Group.



# WHAT OUR TEAM PROVIDES

# The EDF Renewables team is dedicated to creating value by managing projects from origination through commercial operation

Initial efforts involve identifying potential project sites, establishing business relationships with landowners, and securing permits and transmission rights. As the project progresses, our team executes all contracts, secures financing, procures equipment, and assures timely construction for full operation.



#### ORIGINATION

Comprehensive analysis, identification and evaluation of prospective sites and matching those sites with customer needs.



### DEVELOPMENT

Resource assessment, permitting, site design, interconnection rights and technology selections.



#### TRANSACTION

Securitization of energy offtake and financing.



#### CONSTRUCTION

Implementation of all aspects of the system design, installation, and construction to ensure a quality build.



#### **OPTIMIZATION**

Operations & maintenance, asset management, monitoring and maintenance to ensure profitable and optimal performance of facility.



### GRID-SCALE POWER

### Bigger projects. Bigger impact.

- Onshore Wind
- Offshore Wind
- Solar Photovoltaic
- Storage



### DISTRIBUTION-SCALE POWER

## Experienced. Reliable. Integrated.

- Solar
- Storage
- Specializing in environmental sensitive sites



### ONSITE SOLUTIONS

### Multiple solutions. One point of contact.

(behind-the-meter)

- Solar
- Storage
- Electric Vehicle
  Charging
- Microgrids



### ASSET OPTIMIZATION

# Accelerate operational excellence.

- Operations & Maintenance
- Monitoring
- Asset Management
- Performance Optimization
- NERC Compliance



### SUMMARY OF OUR PROJECTS PUT IN SERVICE IN 2022

EDF Renewables placed 1,064 MW of renewable energy projects in service in 2022 and currently has 44 GW of projects in our pipeline in various stages of development across North America.

### 1,064 MW PUT INTO SERVICE IN 2022



The table below provides a list of Grid-Scale Power renewable energy projects that reached commercial operations in 2022 totaling 922 MW.

Grid-Scale Power	PROJECT	STATE / PROVINCE	MW	OFFTAKER	TECHNOLOGY
	Holliday Creek	Iowa	117	MidAmerican Energy Company	Solar
	Arrow Canyon	Nevada	275	NV Energy	Solar
	King Creek 1	Texas	184	Merchant	Wind
	King Creek 2	Texas	209	Confidential	Wind
	Cypress 2	Alberta	47	Merchant	Wind
	Big Beau	California	40	Merchant	Storage
	Maverick 6	California	50	CleanPowerSF	Storage

For a complete list of our projects and offtakers the we've worked with, go to: www.edf-re.com/projects/



# EXPERIENCE WITH UTILITIES IN THE USA

The core of our business for the past 35+ years has been developing large-scale wind and solar power generation across North America for utilities and corporations. Our Grid-Scale Power team delivers on commitments and provides a wide range of technology solutions and deal structures. Here is a sampling of some of our grid-scale projects by utility customers:





### EXPERIENCE WITH CORPORATES IN NORTH AMERICA Grid-Scale and Distributed-Scale Projects

Our Grid-Scale Power, Distribution-Scale Power and Onsite Solutions teams have worked with corporations to assist in meeting their renewable energy goals. We have developed projects with some of the biggest corporations ranging in size from .7 MWp to 225 MW.

### SAMPLING OF EDF RENEWABLES CUSTOMERS





### DISTRIBUTION-SCALE POWER PROJECTS IN THE USA

EDF Renewables Distributed-Scale Power team has more than two decades of experience developing, building, operating and owning renewable energy projects; and we are at the forefront of innovation on battery storage solutions.

The team has an impressive project history, completing projects with a variety of solar and storage technologies across the country and with excellent safety records. As projects progress, our team obtains development permits and interconnection rights and secures financing, procures equipment, and assures timely construction for full-plant operation.



For a full listing of all EDFR projects, visit www.edf-re.com/projects



# **ONSITE SOLUTIONS**



Our onsite solutions services are provided by our PowerFlex brand. PowerFlex's scalable offerings include onsite solar, battery storage, electric vehicle charging, microgrids, and energy management systems. Whether standalone or working in concert as a bundled system, these technologies bring clean, reliable, and affordable carbon-free power when and where it is needed, helping our clients reduce their long-term energy costs, increase resiliency, and achieve sustainability goals.



EDF Renewable North America acquired 100% of PowerFlex Systems in September 2019.





### ASSET OPTIMIZATION

EDF Renewables is a leading provider of O&M services to the renewable energy industry in North America. We have provided the full range of operation, maintenance, management, and administration services to projects since 1985 and currently have 13 GW under contract.

#### **Asset Management**

We manage both owned and third-party wind and solar assets. Our asset managers utilize software platforms every day to help get the most value out of renewable assets. For example, we have accounting software to automate back-end calculations and compliance software to quickly point out areas of risk to our group.

#### **NERC Compliance Services**

EDF Renewables is a leader in providing North American Electric Reliability Corporation (NERC) compliance services to entities responsible for the reliability of the Bulk Electric System (BES). We offer NERC regulatory compliance, compliance program development and implementation, training development, cyber security, and other disciplines.

#### **Blade Services**

EDF Renewables offers owners a comprehensive blade solution that couples inspection, repair, leading edge protection and vortex generators to keep turbines running efficiently for many years.

#### **SCADA Systems Virtualization**

IT systems on renewable energy sites industry wide are aging and as a result, the month-to-month cost to keep servers running and the risk of their failure continue to increase. Our SCADA Integration Group (SIG) works with owners to virtualize SCADA systems and their multiple servers, resulting in increased data security and decreased cost compared to maintaining aging servers.

Removing the physical dependency on a hardware platform allows remote operators to update software and fix problems that arise without the need to visit the physical server.

#### **Performance and Reliability Engineering**

The engineers in our Performance and Reliability Engineering (PRE) department ensure the highest levels of plant performance and availability. Our staff includes fleet experts on Vestas, GE, Siemens, Senvion, Gamesa, and Mitsubishi turbines, and experts on PV performance monitoring and reporting.

#### **Project Deployment and Support**

Recognizing the need for a highly skilled team ready to rapidly mobilize to fill service gaps and handle the toughest repairs at renewable energy projects, EDF Renewables created the Project Deployment and Support Department (PDS).

Our well-trained and experienced PDS technicians and specialists are dispatched to sites in well-equipped trucks with the tools and equipment they need to perform any type of equipment maintenance in the US, Canada and Mexico.









Employees



# SAFETY RECORD

Safety is more than just a priority at EDF Renewables, it is a core value and an integral part of our culture. Protecting the safety and health of our workforce is fundamental to our business.

In 2017, EDF Renewables implemented SafeStart<sup>®</sup> the most successful safety training process in the world. It was developed by investigating real injuries of more than 20,000 people over the course of two decades. The program emphasizes being aware of simple risk factors and reminds employees to think about each job and their mindset before they begin work.

We also implemented the Operational Excellence Management System (OEMS) in 2017. Operational Excellence is the philosophy that helps guide how we manage our projects. OEMS is the documents, procedures and methods we use to ensure we do the right thing, the right way, every time.

### 2022 SAFETY RESULTS NORTH AMERICA



### **1.22** TRIR

Total Recordable Incident Rate = (# of recordable incidents)/ (hrs \*200k)



### **0.79** DART

Days Away, Restricted or Transferred = (# of days away, restrictions, job transfers) / (hrs \* 200k)



3,295,296 HOURS

(as of 12/2022)

### WASTE MANAGEMENT REDEFINED

We more than doubled our ability to track and report on industrial wastes across our organization in 2020 after we implemented a robust waste management system.

We decreased hazardous waste generation tonnage by 3.6% from 2021 to 2022 (or increased the amount recycled tonnage by 44%).

# Energy Innovation for the Next Generation

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