

Christopher Hart

Head of U.S. Offshore Wind Development – Grid-Scale Power, EDF Renewables
President and Managing Director, Atlantic Shores Offshore Wind, LLC

SUMMARY

Christopher Hart joined EDF Renewables (EDFR) in 2018 with a mission to enhance the development of EDFR's U.S. offshore business, leveraging his considerable experience, his EDFR team's large expertise and the offshore experience of EDF Renewables in Europe, with +1800MW at various stages of development and operation.

Mr. Hart brings over 23 years of offshore experience ranging from service as a Special Operations Officer in the U.S. Navy, to leading the U.S. Department of Energy's effort to develop and implement a 6-year, \$500M National Offshore Wind Strategy, to mega-project management in the offshore oil & gas industry, as well as independent consulting for major European and U.S. offshore wind developers, states and universities.

Mr. Hart has a Bachelor of Science in Naval Architecture, Ocean and Marine Engineering from the United States Naval Academy, an MSE and a PhD in Naval Architecture and Marine Engineering as well as an MBA in Entrepreneurial Studies from the University of Michigan.

EXPERIENCE

2019 – President and Managing Director, Atlantic Shores Offshore Wind, LLC

2018 to date - Head of US Offshore Wind Development – EDFR (Houston, TX)

- Responsible for all elements of building a world-class offshore wind business

2017 - 2018 - Power Project Developer - ExxonMobil Gas and Power Marketing Company

- Leading power projects development efforts in Bakken (up to 2000 MW), Guyana (200 MW) and Norway (100 MW);
- Member of Global Gas Strategy development team, focusing on technology in India and China and coordinating internal / external assessment on future of coal;
- Impact: Innovative solutions on front-line of potential broadening of Corporate Strategy into the wider energy value chain.

2013 - 2018 - Special Project - Exxon Mobil Corporation

- Responsible for day-to-day leadership of the Corporate-sponsored effort;
- Includes technical component exploring disruptive technologies globally; commercial component considering global markets for potential entry; and strategic component assessing potential Corporate and Company roles;
- **Impact:** Partnership in Hywind Tampen project.

2014 - 2017 - Development Planner - ExxonMobil Development Company

- Planned, staffed and executed Eastern Canada Regional Development Study. Regional approach resulted in improvement of rate of return from ~10% to ~20% on a development portfolio with ~\$60 billion capital expenditure. In nine encounters, personally briefed study results to Executive Leadership, up to and including Development Company President;
- Responsible for day-to-day economic modeling for Eastern Canada, including Hebron, Hibernia Southern Extension and Hibernia Ben Nevis Avalon ;
- **Impact:** Alignment between Vice Presidents from all six Upstream Companies to pursue Regional Development instead of a project-by-project approach in key regions around the globe. Results and recommendations implemented in ExxonMobil Upstream restructuring.

2013 - 2014 - Development Planner, Deepwater

- Planned, staffed, and executed low-investment, fast-paced, high-impact study of Gulf of Mexico (GOM) and West Africa profitability;
- Led assessment of Kara Sea project(s) (~\$50+B development in northern Russia);
- **Impact:** Revamping of opportunity generation and management in regions by three Upstream Companies

2010 - May 2012 - Offshore Wind manager - US Department of Energy (Washington)

- Job description: Create an Offshore Wind Energy Industry in the United States;
- Built a 6-year, \$500M National program in 20 months; key tasks include National and International outreach and relationship-building, recruiting and motivating a high-performing, matrixed team, and managing a complex portfolio of 131 projects.

2009 - 2010 - Chief Technology Officer - Brown Equity Group, LLC, Ann Arbor

- Developed investment thesis alongside owner/CEO
- Identified targets of opportunity for investment in one of four focus industries

2008 - 2009 - Director of Business Development - Michigan Engineering Services

2006 - 2008 - Government Contracts Manager - Michigan Engineering Services

2005 - 2006 - Assistant Operations Officer - US NAVY - Explosive Ordnance Disposal (EOD) Mobile Unit 11 (Oak Harbor)

- Coordinated Unit's Departments to provide valuable research to Explosive Ordnance Disposal Technical Division ensuring lessons learned on the battlefield are effectively transmitted to teams training for deployment

2000 - 2005 - Special Operations Officer - US NAVY- Commander, Carrier Strike Group ELEVEN, Al Anbar Province (Iraq)

- Defused Improvised Explosive Devices in and around Ramadi, Habbaniyah, and Fallujah, earning Bronze Star Medal with Valor and Combat Action Ribbon

QUALIFICATIONS

2010 - Ph.D., Naval Architecture and Marine Engineering, University of Michigan, Michigan

2009 - M.B.A., Entrepreneurial Studies, M.S.E., Naval Architecture and Marine Engineering -
United States Naval Academy, Annapolis, Maryland

2000 - B.S., Naval Architecture, Ocean and Marine Engineering, United States Naval Academy,
Annapolis, Maryland, USA.