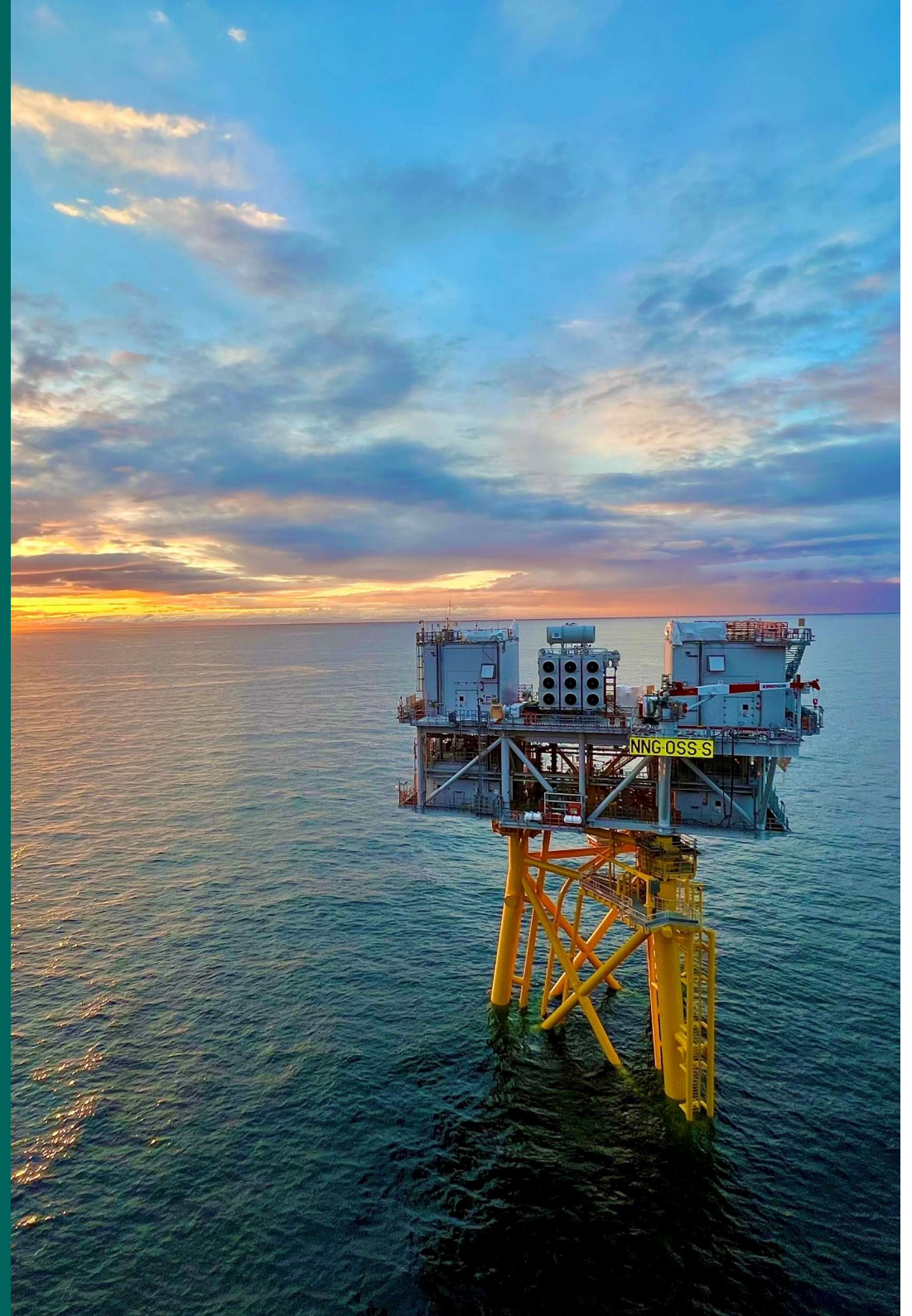


OFTO Tender round 10

26/01/2023





AGENDA

1. Introductions
2. Project Overview
3. Contracting Strategy
4. Project timeline
5. O&M
6. Investment Opportunity

Introductions



Matthias Haag: NnG Project Director

Joined the NnG project in 2018

Responsible for leading the NnG team to deliver the 448MW NnG Windfarm
20 years experience in renewables energy , working on numerous wind projects in different countries and has experience in different size businesses from start-up to blue-chip companies like global player Shell. Latterly, Project Manager for the first Dutch offshore windpark Egmond aan Zee, and most recently CEO for the 600MW, Gemini, offshore windpark.



Thomas Upton: Electrical Package Manager

Joined the NnG project in 2018

Responsible for the delivery of HV substations and Export and Array Cable packages
14 years experience in offshore renewables and interconnector projects, specialising in cables and electrical infrastructure. Previous projects include Anholt, Westermest Rough, Burbo Bank Extension and Beatrice offshore wind farms.



Fiona Thomson: OFTO Manager: O&M

Joined the NnG project in 2019

Responsible for preparation for OFTO sale and supporting operational readiness for the NnG Windfarm and OFTO

15 years in renewables, 7 years specialising in offshore wind. Prior to EDF, managing commercial contracts for windfarm and OFTO operations and maintenance

Ownership Structure

Neart na Gaoithe Offshore Wind Limited is wholly owned by NnG Windfarm Holdings Limited, which is a 50/50 joint venture between EDF Renewables UK and Ireland and Irish Utility ESB.



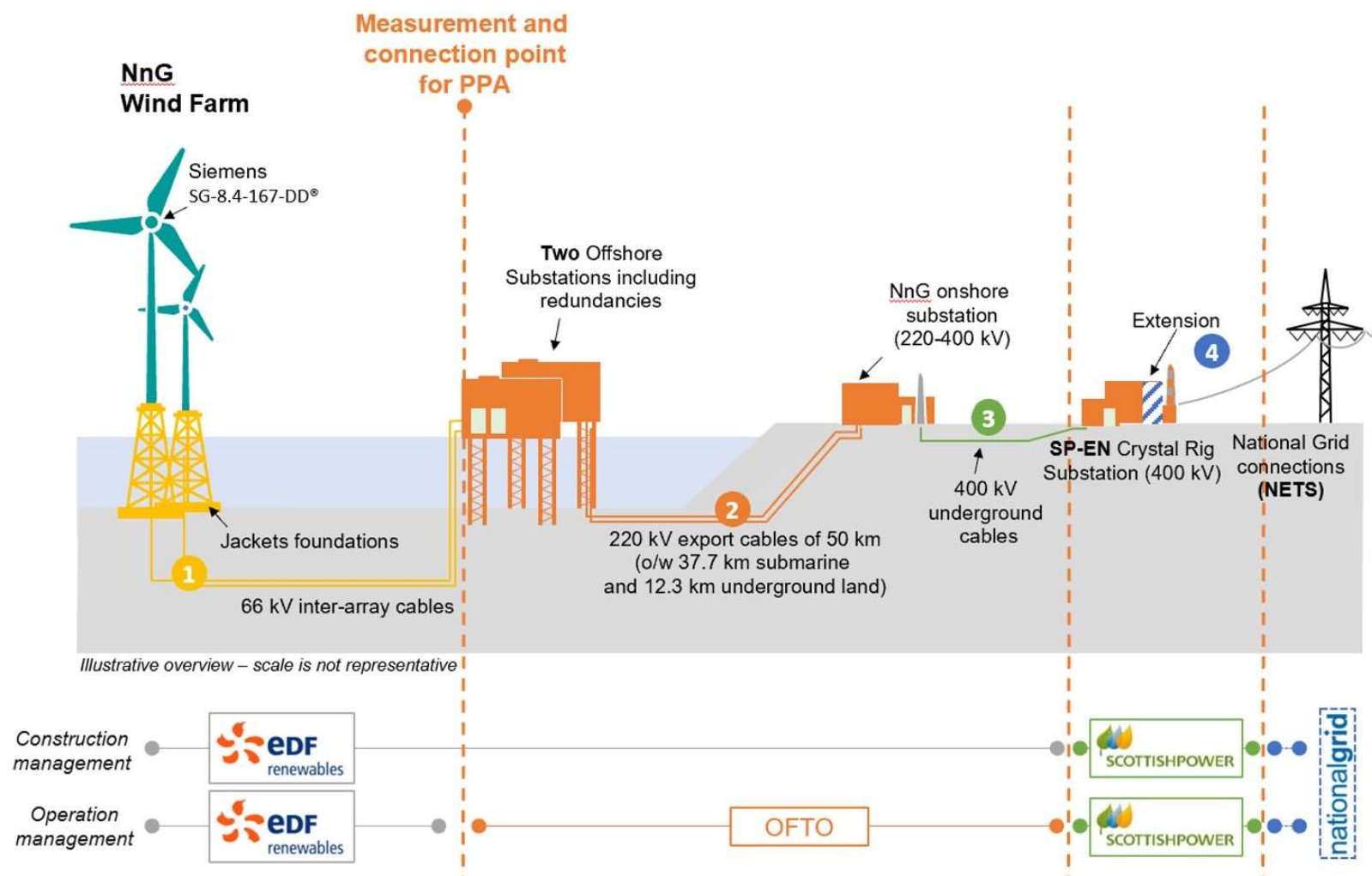
Project Overview

Capacity	448MW
Site Area	105 km ²
Water Depths	45m-55m
First Power	July 2023
COD	Q1 2024
Offshore Substations	2no. 220/66kV Offshore Substations, connected by generator owned 66kV interconnector
Onshore Substation	220/ 400kV, purpose built, onshore substation at Crystal Rig
Grid Connection	Newly extending SPEN substation at Crystal Rig
Export cable	2no, 220kV Export cables (each 38KM offshore / 13KM onshore)
WTGs	54no. SGRE 8.4MW
Foundations	56no. 3 legged jacket foundations (WTGs and OSS)
O&M Base	Eyemouth, Scottish Borders



Project Overview: NnG Transmission Asset Split

















OVERVIEW OF KEY RESPONSIBILITIES



NnG OFFSHORE WIND

Construction Contracting Strategy

Contracts placed in 2018 for the construction of the wind farm and Transmission assets.

Construction packages		Scope	Providers
1	 Construction Management Agreement ("CMA")	Construction management services and certain asset management services related to the construction and commissioning of the wind farm	
2	 Connection Agreement ("CA")	Grid connection agreements with National Grid covering the connection to the existing Crystal Rig substation	
Construction Packages	3  Turbine Supply ("TSA")	Fabrication, supply, pre-assembly, installation and commissioning of 54 SG-8.0-167 WTGs	
	4  EPCI Foundations ("FOU")	Design, fabrication, supply and installation of jacket WTG and OSS foundations Transport and Installation of Substation topsides	
	5  WTG Installation Vessel ("WIG")	Charter for WTG installation vessel	
	6  High Voltage Stations ("HVS")	Design, fabrication, supply and pre-commissioning of onshore and Offshore Substations, electrical system design and SCADA	
	7  Export cables ("EXP")	Design, fabrication, supply, installation, termination and pre-commissioning for onshore and offshore export cables	
	8  Inter-Array Cables ("IAC")	Design, fabrication, supply, installation, termination and pre-commissioning of inter-array cables EPCI of the 66kV platform interconnecting cable	

Construction update

Work package	Status
Offshore Substation Foundations installation	✓
Offshore Export Cables installation	✓
Offshore Substation - South Topside installation	✓
Offshore Substation - North Topside installation	✓
Offshore Substation - South Topside commissioning	Ongoing
Offshore Substation - North Topside commissioning	Ongoing
Onshore Export Cables installation	✓
Onshore Substation Construction	✓
Onshore Substation Commissioning	Ongoing
System Testing	Ongoing
Operations and Maintenance Base	✓

Onshore Substation



Onshore Export Cable Installation



Offshore export cable installation



NnG OFFSHORE
WIND

Offshore foundations



Offshore topside installation



Operational and Maintenance Base - Eyemouth



Investment opportunity

Highlights	<ul style="list-style-type: none"> • 448MW generation capacity • Construction of transmission assets is close to completion • Agreements are in place with landowners to facilitate 25 year TRS and decommissioning • Decommissioning Programme approved by Scottish Ministers • 220kV onshore bus-connector provides additional flexibility to the OFTO around outages • Accessible offshore location (sale time from Eyemouth 1hr – 1.5hrs) • Highly experienced project delivery team • Stable seabed, limiting risk to cables • Additional boat landing on Offshore substation to support access • Favourable CfD rate
Supply chain	<ul style="list-style-type: none"> • EPCI contract structure, limiting interfaces • Highly experienced and well established supply chain, procured competitively
Developer	<ul style="list-style-type: none"> • Complementary joint venture partnership with both EDF Renewables and ESB bringing significant experience in the development, construction and operation of renewable projects and energy generation.
O&M	<ul style="list-style-type: none"> • Experienced operator of large scale energy generation project and the UK transmission system. • Interim maintenance plans and contracts will be in place until asset transfer. • The Developer intends to provide a flexible offer to the successful OFTO to which will work with the OFTOs chosen approach to O&M.
Transaction	<ul style="list-style-type: none"> • Project specific transfer documentation • Landowner, commercial and supplier agreement were drafted to support smooth transfer to the OFTO

NnG OFTO Transaction Timeline

	Start	End	2019				2020				2021				2022				2023				2024				2025			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Onshore Export Cable installation		Oct-21																												
Onshore Substation construction		Sep-23																												
Offshore Construction																														
OSS Foundations		May-22																												
Offshore Export Cable	Jun-21	Jul-21																												
OSS South Topside installation		May-22																												
OSS North Topside installation		Dec-22																												
Commissioning																														
OSS 1 and Onshore Circuit 1 Stage 2 exc STATCOM	May-22	Apr-23																												
OSS 1 and Onshore Circuit 1 Stage 2 inc STATCOM	Apr-23	May-23																												
First Power	Jul-23	Jul-23																												
OSS 2 and Onshore Circuit 2 Stage 2 inc STATCOM	Dec-22	Sep-23																												
Whole of Works Grid Code Testing	Sep-23	Jan-24																												
Project Qualification stage 1	Sep-22	Nov-22																												
Project Qualification stage 2	Nov-22	Dec-22																												
OFTO TR10 Launch	Jan-23	Jan-23																												
NnG ION Part B	Aug-23	Aug-23																												
NnG ITT	Sep-23	Mar-24																												
Preferred Bidder	Mar-24	Oct-24																												
Licence Grant (window)	Nov-24	Feb-25																												
GCC	Sep-23	Mar-25																												

NnG OFFSHORE
WIND

edf
renewables



Energy for
generations



Thank you