



# Offshore



# wind

Partner of choice for fixed and floating offshore wind operations in the UK





**Global Energy Group is one of the UK's leading integrated energy supply chain and infrastructure service providers. The group is headquartered in Inverness, with regional hubs operating in Edinburgh and Aberdeen.**

The group has built a successful track record in the offshore renewables industry primarily through its operations at the Port of Nigg - Scotland's premier green freeport superhub. The Port of Nigg boasts multiple deep-water quays, significant laydown areas and some of the largest construction and assembly shops in the UK. Global Energy Group are at the forefront of the national energy transition towards a net zero, low carbon economy. It's success stems from a long history within the energy industry, highly experienced leadership team, proactive investment strategy and an unwavering commitment to innovation, expertise, quality, and safety.

**The Port of Nigg**  
**Scotland's Premier**  
**Green Freeport Superhub**

Since purchasing the site in 2011, Global Energy Group have invested in excess of £120m into the ongoing redevelopment and expansion of the Port of Nigg, creating a premier green freeport superhub. As a result, the port has played an integral role in the success of the UK's offshore wind sector, securing major contracts for Beatrice Offshore Wind Farm, Moray East Offshore Wind Farm, Seagreen Offshore Wind Farm and Moray West Offshore Wind Farm.

The facility is prime position for the future expansion of offshore wind and floating offshore wind in the UK, while being strategically located

for the sites included within the ScotWind and INTOG marine license sites and the proposed developments as part of AR4 and AR5.

The facility boasts over 1,200m of deep-water quayside with 12m water depth at LAT and features more than 750,000sqm adjacent open laydown areas. With a ground load bearing capacity of 50t/m<sup>2</sup>, the laydown space can accommodate the largest energy components and marshalling cranes, suited to project assembly, erection, and storage. Solid seabed conditions allow for the accommodation of the world's largest jack-up installation vessels.

The Port of Nigg houses some of the UK's largest construction and assembly shops, offering over 18,000m<sup>2</sup> of covered fabrication workspace, including climatically controlled spaces.

In addition, the port features one of the largest dry docks of its kind in Europe and has significant warehousing capacity throughout the site.

The Port of Nigg can service multiple large-scale energy projects simultaneously due to the size and scale of its infrastructure, providing a unique value and service proposition for offshore wind developments. To date the facility has managed more than 2.6GW of offshore wind assets and is in prime position to meet the demands of future opportunities arising from the offshore wind and floating offshore wind sectors.



**1,200m**  
**deep-water**  
**quayside**

**750,000sqm**  
**open laydown**  
**area**



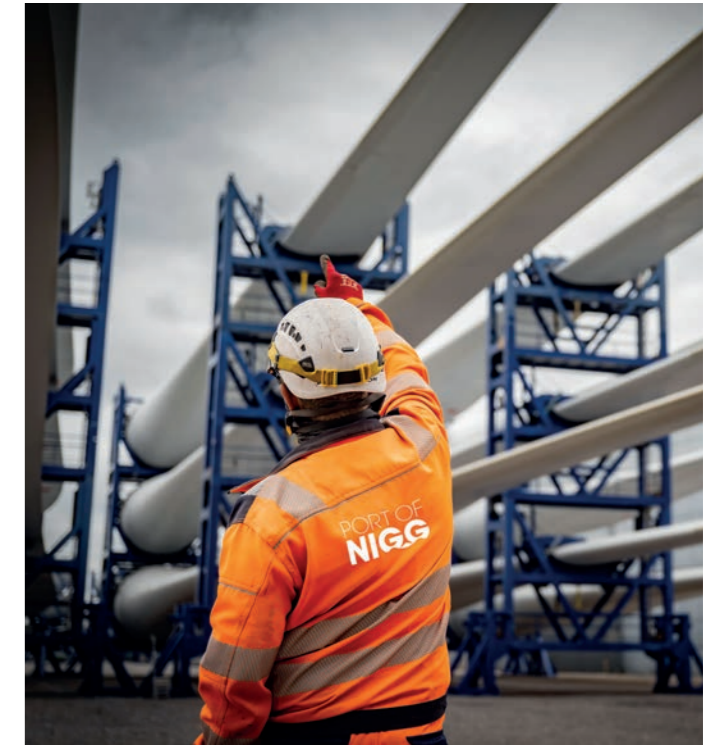
# Capability & Track Record

Global Energy Group is at the forefront of the renewable energy industry and is the partner of choice for fixed and floating offshore wind operations in the UK.

Having gained a significant track record in the offshore wind sector spanning almost 20-years, Global Energy Group has developed core competencies in storage, marshalling, logistics and fabrication. More recently, the group has extended these competencies to include assembly, manufacturing, and O&M capabilities.

Global Energy Group continues to invest in its people, land, and assets in order to cement its leading position as Scotland's offshore renewables superhub.

The growth of Global Energy Group within the offshore renewables industry has seen the group manage four consecutive offshore wind projects at the Port of Nigg, including the 1,075MW Seagreen Offshore Wind Farm, which will be Scotland's largest and deepest offshore wind farm when complete.



**2.6GW**  
combined  
offshore  
wind projects

# Beatrice Offshore Wind Farm



<b>Client:</b>	Siemens Gamesa Renewable Energy (SGRE)
<b>Date:</b>	2018 – 2019
<b>Details:</b>	Located 13.5km from the Caithness coast, the Beatrice Offshore Wind Farm has a capacity of 588MW, generated by 84 x 7MW turbines. The project provides renewable electricity for up to 450,000 homes.
<b>Scope:</b>	Port of Nigg selected as the pre-assembly and marshalling facility for the WTG's.  The WTG components were delivered, assembled, and tested onsite before being prepared for loading onto the Pacific Orca jack-up installation vessel.

## Services:



Land Lease



Main Plant Supply



Facilities Management



Quayside Services



Ships Agency Supply



# Moray East Offshore Wind Farm

MORAY EAST  
OFFSHORE WINDFARM



<b>Client:</b>	DEME Offshore and Moray Offshore Windfarm (East) Limited (MOWEL)
<b>Date:</b>	2019 – 2021
<b>Details:</b>	Located 22km from the Outer Moray Firth, the Moray East Offshore Wind Farm has a capacity of 950MW, generated from 100 x 9.5MW turbines. The project provides renewable electricity for up to 950,000 homes.
<b>Scope:</b>	<p>Port of Nigg selected as the marshalling, storage, and logistics facility for the jacket foundations, as well as the pre-assembly and marshalling facility for WTG's.</p> <p>Global Energy Group played a pivotal role in the pre-assembly works onsite, including heavy lifts &amp; component transport, plant hire &amp; equipment, project management and specialist labour supply.</p> <p>The Port of Nigg was identified as the ideal staging port for the Moray East project, due to its deep-water access and the high ground load bearing capacity of its quay and storage areas.</p>

**Services:**



Marshalling & Logistics



Fabrication



Sea-Fastening Works



Inspection & Repair Supply



Plant & Labour Supply



Quayside Services



# Seagreen Offshore Wind Farm



<b>Client:</b>	Vestas and Seaway 7
<b>Date:</b>	2021 – 2023
<b>Details:</b>	Located 27km from the Angus coast, the Seagreen Offshore Wind Farm will have a capacity of 1.1GW and will be Scotland's largest and the world's deepest fixed foundation offshore wind farm once complete. The project will provide renewable electricity for up to 1.6 million homes.
<b>Scope:</b>	<p>Port of Nigg selected as the marshalling, storage, and logistics facility for the jacket foundations, as well as the pre-assembly and marshalling facility for WTG's.</p> <p>In total, 114 jacket foundations were received at the Port of Nigg from the heavy transport vessel and loaded onto barges for installation offshore. These were up to 95m in height and weighted approx. 2,000t each.</p> <p>The WTG components were delivered, assembled, and tested onsite before being prepared for loading onto the installation vessel and taken to the project location in the Firth of Forth.</p>

## Services:



Land Lease



Marshalling & Logistics



Sea-Fastening Works



Ships Agency Supply



Inspection & Repair Supply



Quayside Services

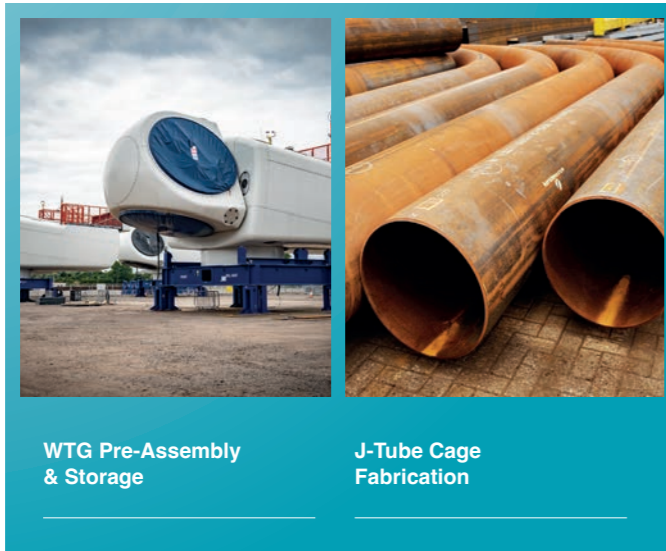


# Moray West Offshore Wind Farm



<b>Client:</b>	Siemens Gamesa Renewable Energy (SGRE)
<b>Date:</b>	2023 onwards
<b>Details:</b>	The Moray West Offshore Wind Farm will be located 22km from the Outer Moray Firth. The installed capacity of the project will be 882MW and will provide renewable electricity for up to 1.33 million homes.
<b>Scope:</b>	Port of Nigg selected to provide a variety of contracted services to support the build out of the Moray West Offshore Wind Farm. This is a continuation of the working relationship established on the Moray East project.  The ability for Global Energy Group to provide multiple service provision at the Port of Nigg, in addition to deep-water access and ground load bearing capacity has been instrumental in the award of multiple contracted scopes.

## Service Provision:



WTG Pre-Assembly & Storage

J-Tube Cage Fabrication



Marshalling & Logistics



Complimentary Fabrication



Remedial Works



Sea-Fastening Works



Inspection & Repair Supply



Quayside Services



A phased development strategy is being delivered (by Global Energy Group) that will culminate in the creation of a port Superhub campus by 2025, with serial manufacture and systems assembly, leading the world in floating wind deployment and becoming a key player in hydrogen and nuclear SMR delivery.”

Tim Pick, Offshore Wind Champion Report, March 2023



**Transforming** the Highland Economy and  
**Delivering** National Energy Security

As part of the Inverness and Cromarty Firth Green Freeport (ICFGF) consortium, Global Energy Group's Port of Nigg facility was awarded Green Freeport status by the UK and Scottish Governments in 2023, creating a truly unique value proposition for North Sea energy developments.

Green Freeport status will revolutionise the Highland region and stimulate new economic development across Scotland and the UK. The transformational proposal will generate up to 25,000 new green jobs and act as a catalyst in the creation of major manufacturing activity in offshore renewables and low carbon technologies.

The ambitions for ICFGF will generate an estimated £2.6 Billion of inward investment and contribute £6 Billion to GVA. The proposal will develop world leading capabilities in floating offshore wind and hydrogen production and create new strategic infrastructure development sites.

The creation of the Green Freeport will place the Highlands at the heart of the drive national net zero targets.

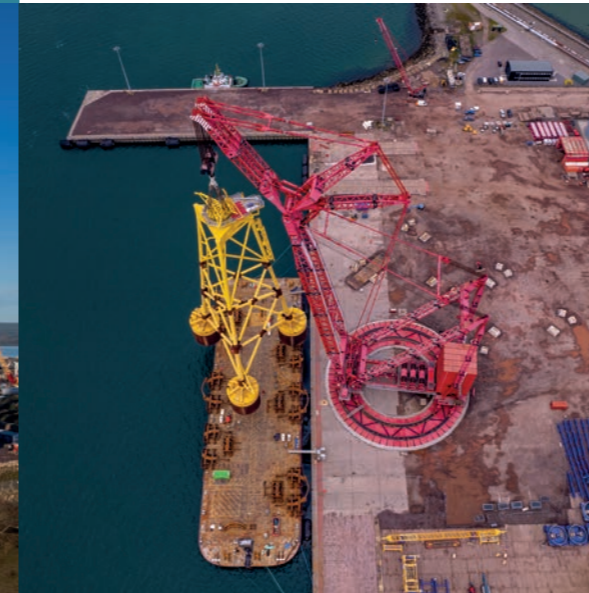
Dependant on engagement parameters the strategic enablers of the Green Freeport can include:

- 0% Employer National Insurance Contributions (NICs) for up to 3 years.
- Land and Buildings Transaction Tax (LBTT) relief available for land / buildings situated within a tax site.
- Enhanced Capital Allowances (ECA) and Enhanced Structures & Buildings Allowance (SBA) reliefs.
- Up to 100% relief from Business Rates for 5 years
- Import Duty Suspension on qualifying non-GB goods brought into a Freeport; until they enter the GB domestic market. Qualifying goods exempt if re-exported
- Simplified Import Declarations.

## Future Development

Global Energy Group are focused on five key future growth enablers to maintain its position as Scotland's premier green freeport superhub facility.

1. Land Development
2. Rolled Steel Tubular Manufacturing
3. Offshore Wind Fabrication
4. Floating Offshore Wind Assembly
5. Offshore Wind O&M



**The Cromarty Firth and Nigg is the most suitable location in Scotland for platform fabrication and manufacture”**

Sir Jim McDonald, SOWEC Report, August 2021







## Get in touch

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