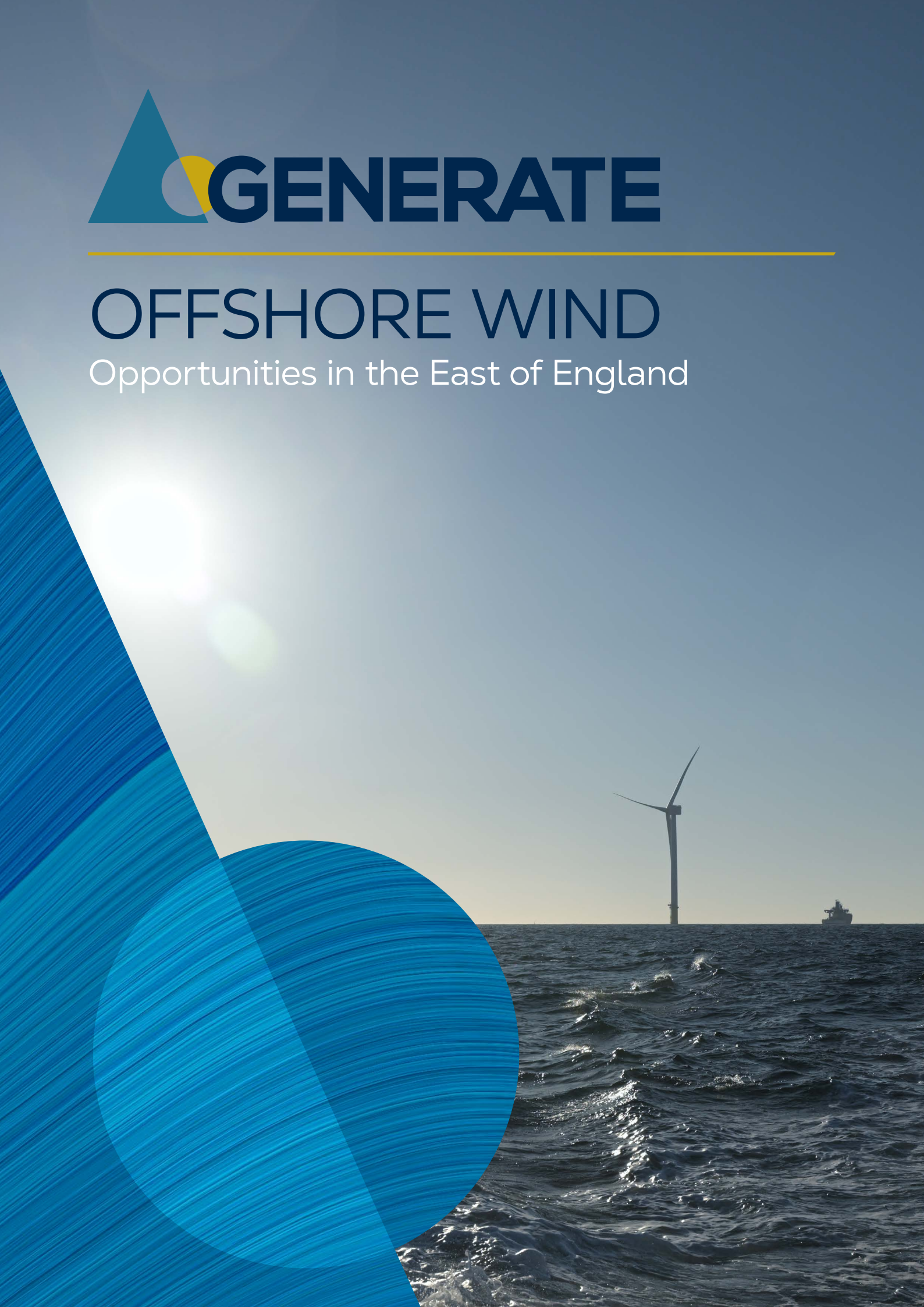
GENERATE

OFFSHORE WIND

Opportunities in the East of England



GENERATE
Unlimited opportunities in the East of England

GENERATE connects the East of England to global energy investors by showcasing its unique energy offer, its highly skilled energy supply chain, and its unrivaled centres of innovation, research and science. GENERATE is a partnership of local authorities including the County Councils of Suffolk, Norfolk and Essex, Great Yarmouth Borough Council and East Suffolk Council. Visit www.generate-energy.co.uk

EAST WIND
Offshore Cluster

The East Wind Offshore Cluster was established in 2021 to drive the implementation of objectives defined in the UK Offshore Wind Sector Deal for the East of England. Representing the voice of operators, developers, local government, and the supply chain across the region, East Wind raises awareness of offshore wind and the enormous opportunities it presents to the wider community both locally and nationally. Visit www.ewoc.co.uk

EEEGR
EAST OF ENGLAND ENERGY GROUP

The East of England Energy Group (EEEGR), established in 2001 is a not-for-profit trade body representing the energy sector and its supply chain in the East of England.

With over 225 member businesses ranging from large developers spanning multiple countries through to local supply chain businesses employing just a few people, its goal is to represent the entirety of the region's energy sector across the East of England, no matter how large or how small. Visit www.eeegr.com

We are a committed community of energy professionals working together to drive clean growth and support businesses and communities to thrive in the East of England.

FRONT COVER IMAGE CREDIT: WWW.CHPV.CO.UK

The East of England is one of the largest offshore wind development zones in Europe. Its favourable geography, excellent infrastructure and offshore energy and marine capabilities make it the perfect location for offshore wind businesses to thrive.

With over 1000 turbines already installed and some of the world's largest projects consented and under construction, there's opportunities within the entire project lifecycle from construction to operations and maintenance to repowering and eventual decommissioning.

The Southern North Sea's (SNS) offshore wind farms are readily accessible from the energy focussed ports of Great Yarmouth, Lowestoft and Harwich. Our region's ports have built significant expertise in the construction, operations and maintenance of offshore wind projects. Freeport status at the deep water ports of Felixstowe and Harwich is set to further strengthen the East of England's clean-energy capabilities, providing new opportunities for investment to support the UK to achieve its clean growth ambitions.

The role of GENERATE, together with its key partners EEEGR and the region's offshore wind cluster group, East Wind, is to ensure these unique assets, supply chain capabilities, skills and training providers and investment opportunities are promoted, marketed and on the radar of major international players and government at all levels.

For more details visit:
generate-energy.co.uk

"THE GROWTH OPPORTUNITIES ARISING FROM NEW AND EXISTING OFFSHORE WIND DEVELOPMENTS IN THE SNS ARE UNPARALLELED. WITH A DEDICATED OFFSHORE WIND SUPPLY CHAIN, A SKILLED ENERGY WORKFORCE AND A WIDE RANGE OF EXCITING ENERGY INFRASTRUCTURE PROJECTS IN PROGRESS, THERE HAS NEVER BEEN A BETTER TIME TO BUILD YOUR OFFSHORE WIND BUSINESS IN THE EAST OF ENGLAND."

IAN PEASE
Business Development Manager, GENERATE

OFFSHORE WIND in the EAST OF ENGLAND =

5GW
OPERATIONAL

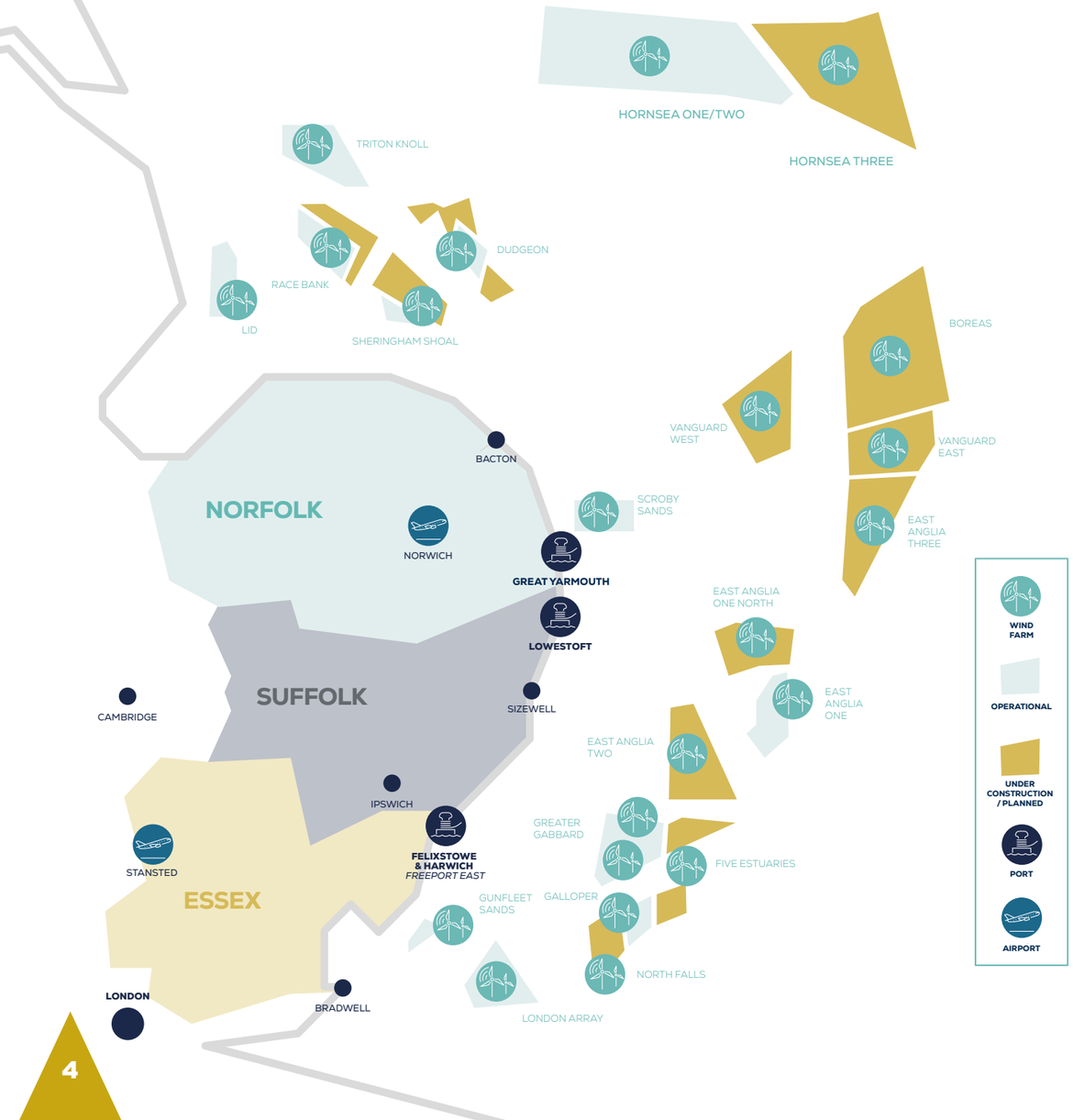
10GW
PROJECT PIPELINE

1000+
OPERATIONAL TURBINES

ENERGY POWERHOUSE

BUILDING THE UK's ENERGY SECURITY, POWERING THE ENERGY TRANSITION

The UK SNS is home to one of the world's largest clusters of offshore wind. With 5GW of installed operational capacity, and a further 10GW either under construction, consented or in the planning pipeline, there is no better place for offshore wind than the East of England.



Offshore wind installed and operational in the SNS totals 1073 turbines across 16 wind farms.

Windfarm	Developer / Operator	Capacity (MW)	No. Turbines	Turbine Model
Scroby Sands	RWE	60	30	V80-2.0 MW
Kentish Flats	Vattenfall	90	30	V90-3.0 MW
Inner Dowsing	Macquarie	97.2	27	SWT-3.6-107
Lynn	Macquarie	97.2	27	SWT-3.6-107
Gunfleet Sands	Ørsted	172.8	48	SWT-3.6-107
Greater Gabbard	SSE / RWE	504	140	SWT-3.6-107
Sheringham Shoal	Equinor	316.8	88	SWT-3.6-107
Thanet	Vattenfall	300	100	V90-3.0 MW
Lincs	Octopus / Ørsted	270	75	SWT-3.6-120
London Array	RWE	630	175	SWT-3.6-120
Gunfleet Sands (Demo)	Ørsted	12	2	SWT-6.0-120
Kentish Flats Extension	Vattenfall	49.5	15	V112-3.3 MW
Race Bank	Ørsted	573.3	91	SWT-6.0-154
Dudgeon	Equinor	402	67	SWT-6.0-154
Galloper	RWE	353	56	SWT-6.0-154
East Anglia ONE	ScottishPower Renewables	714	102	SWT-7.0-154

Capital expenditure in the East of England's offshore wind sector over the next 10 years is set to exceed £18.75 billion.

Windfarm	Developer	Capacity (MW)	No. Turbines (max est.)	Project Value (£m)	Status
East Anglia ONE North	ScottishPower Renewables	800	67	6500	Consented
East Anglia TWO	ScottishPower Renewables	940	67		Consented
East Anglia THREE	ScottishPower Renewables	1400	95		Construction
Vanguard East	RWE	1400	92	3000	Consented
Vanguard West	RWE	1400	92	3000	Consented
Boreas	RWE	1400	92	3000	Consented
Five Estuaries	RWE	353	79	565	Planning
North Falls	RWE/SSE	504	57	1500	Planning
Dudgeon Extension	Equinor	402	30	665	Consented
Sheringham Shoal Ext	Equinor	317	23	524	Consented
Totals	**8.916** GW		**694** Turbines		**£18.75** billion

Source: TGS | 4C Offshore

Hornsea 3	Ørsted	2900	231	8500	Construction

The Hornsea 3 offshore wind farm (not included in the above table), located 120KM off the Norfolk coast is currently under construction and will make landfall at Weybourne in Norfolk, connecting to the UK power grid at Norwich.. Once operational, Hornsea 3 will provide enough electricity to power over 3.3 million homes.

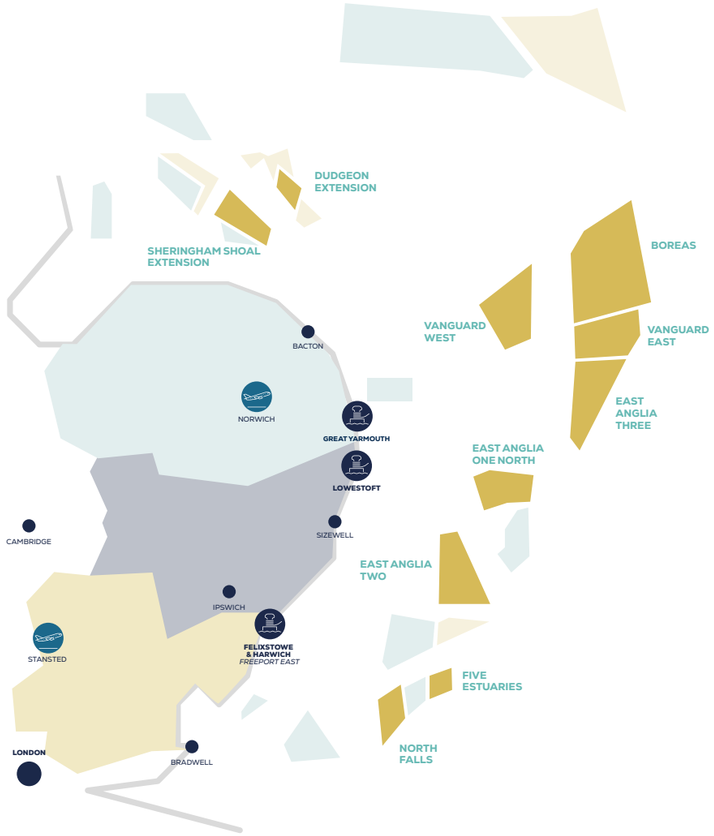
PROJECT PIPELINE

SCOTTISHPOWER RENEWABLES

ScottishPower Renewables is a well-established part of the East of England's clean energy community with its flagship 714MW East Anglia ONE offshore wind farm generating clean energy since 2020, operated and maintained from a state-of-the-art facility in Lowestoft's PowerPark.

East Anglia Hub is a combined build programme comprising of EA THREE, EA ONE North and EA TWO totalling 3.1GW. Plans are well advanced, with development consent granted for EA THREE in 2017 and construction underway. When fully operational, East Anglia Hub will provide enough clean energy to power the equivalent of 2.7 million UK homes.

Capacity:	**EA THREE 1.4GW** **EA ONE North 800MW** **EA TWO 940MW**
No. of turbines:	**EA THREE 95** **EA ONE North 67** **EA TWO 67**
Preferred turbine:	**Siemens Gamesa SG 14-222 DD**
Combined capex:	**£6.5 billion**
Water depth:	**24.5m to 73m**
Foundations:	**Grounded: monopile**
Construction:	**2024**



equinor

Extensions to Sheringham Shoal and Dudgeon Offshore Wind farms will double the capacity of the existing sites, providing renewable energy to power an additional 785,000 UK homes and making an important contribution to the UK's decarbonisation and energy security goals.

Capacity:	**Dudgeon Extension: 402 MW** **Sheringham Shoal Extension: 317MW**
No. of turbines:	**Dudgeon Extension: 30** **Sheringham Shoal Extension: 23**
Preferred turbine:	**14MW: OEM not specified**
Water depth:	**11m to 25m**
Foundations:	**Grounded: not specified**
Consent decision:	**2024**
Construction:	**2027**

RWE SSE

Five Estuaries Offshore Wind Farm is the sister extension project of the existing Galloper Wind Farm, also operated by RWE. It has planned capacity to power up to approx. 380,000 average UK households.

North Falls is being developed by a 50/50 joint venture company owned equally by SSE Renewables and RWE Renewables. It is an extension project to the existing Greater Gabbard Offshore Wind Farm, with a proposed capacity of 504MW enough to power approx. 400,000 average UK households

Capacity:	**FIVE ESTUARIES: 353MW** **NORTH FALLS: 504MW**
No. of turbines:	**FIVE ESTUARIES: 57** **NORTH FALLS: 72**
Preferred turbine:	**Not specified**
Water depth:	**5m to 59m**
Foundations:	**Grounded: not specified**
Consent Decision:	**2025**
Construction:	**2027**

RWE

RWE's Norfolk Offshore Wind Zone (NOWZ) was granted development consent in February 2022. Located 47KM from the Norfolk coast, when all wind farms are fully operational, they will provide enough clean energy to power the equivalent of 4.6 million UK homes. In March 2023, the port of Great Yarmouth was selected as the location for the projects' O&M base.

Capacity:	**Vanguard East 1.4GW** **Vanguard West 1.4GW** **Boreas 1.4GW**
No. of turbines:	**Vanguard East 92** **Vanguard West 92** **Boreas 92**
Preferred turbine:	**Vestas V236-15 MW**
Combined capex:	**£9 billion**
Water depth:	**22.5m to 41m**
Foundations:	**Grounded: monopile** (most likely)
Construction:	**2026**

PORT OF GREAT YARMOUTH

OFFSHORE ENERGY CAPABILITY

The port of Great Yarmouth, operated by Peel Ports, is a modern, multi-purpose facility offering 24/7 unrestricted operations. Its deep-water outer harbour can accommodate vessels up to 250m in length and up to 10.5m at chart datum with a 1-2m tidal range, while the river port can accommodate vessels of up to 120m in length, or up to 5.7m at chart datum with a 1-2m tidal range.

The port offers some of the fastest steaming times to installed and planned offshore wind farms in the SNS making it an ideal base for a cluster of energy businesses engaged in offshore wind construction, operations and maintenance.

Peel Ports have a fully functioning North Terminal, with plans to create a new Southern Terminal, consisting of an additional 400m of quay, RoRo ramp, new heavy lift pad area and approx. 10 hectares of strengthened outdoor storage space.

OUTER HARBOUR

- Quay space – 32,000m² (8 Acres)
- Land potential – 55 acres
- Deep water for new generation of wind installation vessels
- No lock or air draught restrictions
- Heavy lift pad, load bearing capacity of 28t per m²
- RoRo ramp 35m length
- Mobile heavy lift crane and supporting plant available

INNER HARBOUR

- Multiple berths
- Designated offshore berth availability
- Pontoon potential in designated berths
- Lock free easy access at all states of tide
- Multi-million investment for state of the art O&M Campus
- 24/7 operations
- Land to lease
- Installation base for Sheringham Shoal and Lincs offshore wind farms
- Purpose-built turbine pre-assembly base for Galloper offshore wind farm
- Construction and installation base for East Anglia ONE offshore wind farm
- Adaptable storage and warehousing
- Dry dock facilities
- Equinor O&M base for SNS offshore windfarms and operations centre for Hywind, Scotland
- RWE O&M base for Scroby Sands

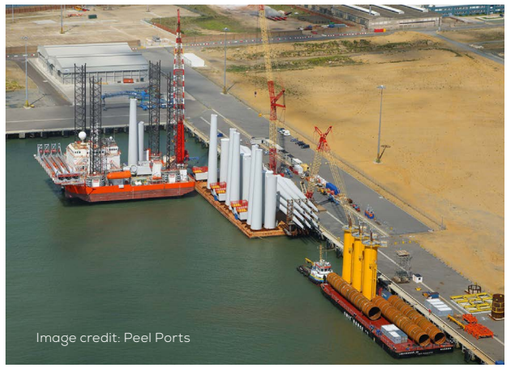


Image credit: Peel Ports

STEAMING TIMES

Wind Farm Locations	Distance N. Miles	Hours at 12 knots	Hours at 25 knots
East Anglia ONE	34	2.83	1.36
East Anglia ONE North	28	2.33	1.12
East Anglia TWO	28	2.33	1.12
East Anglia THREE	43	3.58	1.72
Vanguard East	50	4.17	2.00
Vanguard West	31	2.58	1.24
Boreas	58	4.83	2.32
Hornsea 1	82	6.83	3.28
Hornsea 2	82	6.83	3.28
Hornsea 3	98	8.17	3.92
Triton Knoll	86	8.17	3.44
Dogger Bank A	137	11.42	5.48
Dogger Bank B	148	12.33	5.92
Dogger Bank C	175	14.58	7.00
Borssele	73	6.08	2.92
South Holland	76	6.33	3.04
North Holland	84	7.00	3.36

GREAT YARMOUTH

GREAT YARMOUTH

Great Yarmouth is a vibrant, entrepreneurial coastal Enterprise Town and home to some of the biggest names in offshore wind with both RWE and Equinor choosing it as the home of their operations and maintenance hubs. Growth of the clean energy sector has resulted in significant investment and development projects taking place in the town in order to create the ideal conditions required for businesses to thrive.

O&M CAMPUS

The £24.8 million project will build upon the now well-established offshore renewables sector off the east coast of Great Yarmouth. Construction started in 2023 and will see 190m of river quay refurbished and upgraded, along with the creation of new vessel pontoons and delivery of a revised road layout and associated infrastructure to optimise the land available for future development.

The O&M Campus is located next to Great Yarmouth's deep water outer harbour and river port with quick access to a new £121 million river crossing. The Herring Bridge (pictured), opened in Spring 2024, has improved road transport connectivity between the port and other key employment sites.

KEY FACTS:

- Up to 32,040 m² of prime industrial/ commercial space
- 23,960 m² of industrial / commercial floorspace and 8,080m² of exterior / laydown / storage
- Providing significant land for office, storage and technical buildings

DEDICATED TO THE ENERGY INDUSTRY

SUPERFAST BROADBAND

NEAR PORT & HARBOUR

ENTERPRISE ZONE STATUS

FAST TRACK PLANNING

THE PLACE

Education and skills opportunities address the current skills shortages and future pressure points in this key growth area. A new learning centre and university campus is being planned and will provide an enhanced route to economic activity and support growth.

To complement the O&M Campus, Great Yarmouth Borough Council is leading the development of a business incubator facility that will provide shared workspace and innovation facilities for start-up and small to medium sized businesses in the energy sector. The facility will provide the space to co-locate and work with similar organisations within affordable, adaptable and flexible workspaces enabling knowledge sharing and business collaboration. Located on South Beach Parade, the incubator will form an important cluster of businesses in Great Yarmouth, increasing employment and entrepreneurial opportunities, benefiting from its close proximity to the port and energy sector hub, located nearby.

CONTACT:
propertyenquiries@great-yarmouth.gov.uk

GREAT YARMOUTH ENERGY PARK

The Great Yarmouth Energy Park comprises a 50 acre site in South Denes, a prime site near the river port and the deep-water harbour. Suitable for energy and port-related industries, a range of sites for design and build opportunities are available on a freehold or leasehold basis. The park is just a few hundred metres from the new O&M Campus.

BEACON PARK

Beacon Park is a leading business location on the east coast of East Anglia, an established hub for the energy sector and just 5 miles from the port. The business park, with excellent road access to the A47 through Norfolk provides high-quality office and industrial/warehouse premises with opportunities for bespoke design and build. The units, in a landscaped setting and with good car parking provision, are available to lease or buy with grant support for eligible companies.

PORT OF LOWESTOFT

HUB FOR OFFSHORE ENERGY

The Port of Lowestoft, owned and operated by Associated British Ports (ABP), is an important regional sea-servicing route between the UK, Scandinavia, the Baltic states and the rest of Europe.

Lowestoft has emerged as a thriving centre for supporting the offshore energy industry and is home to the O&M bases of SSE and ScottishPower Renewables. The port sees in excess of 6,700 vessel calls, including including platform supply, Service Operations Vessels (SOV), crew transfer and marine survey vessels.

LOWESTOFT EASTERN ENERGY FACILITY (LEEF)

The Lowestoft Eastern Energy Facility (LEEF) is a major port redevelopment project in ABP's Port of Lowestoft's Outer Harbour, which was completed in November 2024. LEEF is helping to secure the Port of Lowestoft's position as a focal point for supporting the region's offshore energy industry.

The multi-million pound project represents significant investment in state-of-the-art port infrastructure, which includes:

- 345m of quayside with three deep-water berths (7.5m draft), with capacity to accommodate SOVs for uninterrupted operations at all tides.
- Up to 8 acres of operational and storage space, adaptable for covered and open storage, marshalling and equipment laydown for O&M and future construction phases.
- Six Crew Transfer Vessels (CTV) berths, each equipped with utilities including water and power, with the infrastructure to add comms and bunkering.
- Future-proofed infrastructure to support alternative fuels and shore power, aligning with ABP's commitment to sustainable operations.

LEEF is tailored to the offshore energy industry's latest requirements, and creates a highly competitive offer for the region.

ABP Lowestoft LEEF
Image credit: Gary Horner

OUTER HARBOUR

- Total port area –39.2 hectares
- Quay length –1,400m
- No lock or air draught restrictions
- ScottishPower Renewables and SSE/RWE located on ABP port estate, adjacent to PowerPark
- Lock free easy access at all states of tide
- Mobile cranage at North Quay terminal with 16,000m² of storage
- 5.46 hectares of surface land for redevelopment
- 8,000m² of storage space
- 3 modern transit sheds
- Vessel support facilities for CTV operators
- Dry dock facilities
- Site of new CO^2 Direct Air Capture (DAC) demonstrator in partnership with Sizewell C

INNER HARBOUR

- Quay length – 2,100m
- 24/7 operations

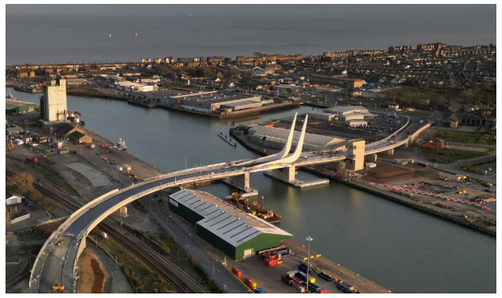
STEAMING TIMES

Wind Farm Locations	Distance to Centre (nm)	Time at 25 knots (hr)	Distance to Edge (nm)	Time at 25 knots (hr)
East Anglia ONE	31.7	1.3	29.3	1.2
East Anglia ONE North	26.5	1.1	21.5	0.9
East Anglia TWO	25.9	1.0	22.3	0.9
East Anglia THREE	43.8	1.8	40.1	1.6
Galloper (A)	34.0	1.4	31.0	1.2
Galloper (B)	45.6	1.8	41.7	1.7
Greater Gabbard (A)	34.8	1.4	31.5	1.3
Greater Gabbard (B)	44.0	1.8	41.9	1.7
Boreas	57.6	2.3	48.4	1.9
Vanguard East	49.9	2.0	43.2	1.7
Vanguard West	40.9	1.6	35.8	1.4

LOWESTOFT

GULL WING LOWESTOFT

The new £145 million Gull Wing Bridge in Lowestoft opened in 2024.. The town's third river crossing will drive economic regeneration in the area and enhance road transport connectivity in Lowestoft.



POWERPARK, LOWESTOFT

PowerPark, located north of Lowestoft's outer harbour, has become a key hub for clean energy businesses, especially offshore wind development. It hosts major players like SSE Renewables and ScottishPower Renewables, with facilities such as the East Anglia One O&M base. In September 2024, ScottishPower Renewables committed £8 million to establish a new operations base for East Anglia THREE.

The recently completed Nexus development on PowerPark, offers flexible business units, further attracting clean energy companies. These initiatives, along with business incubation and innovation centre, OrbisEnergy, enhance Lowestoft's position as a leader in the clean energy sector.

NEW PROPERTY FOR ENERGY BUSINESSES

To support businesses investing in Lowestoft, a high-quality scheme comprising 16 flexible units ranging from 34m² to 117m² is now complete and available to lease at PowerPark.

The Nexus is a £4.27 million development by East Suffolk Council, delivering modern business units to let for office and light industrial uses, with allocated onsite parking and EV charging. The development offers easy access to the port of Lowestoft, OrbisEnergy and East Coast College's Energy Skills Centre.

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SUPERFAST BROADBAND

NEAR PORT & HARBOUR

ENTERPRISE ZONE STATUS

FAST TRACK PLANNING

CLEAN ENERGY INNOVATION HUB

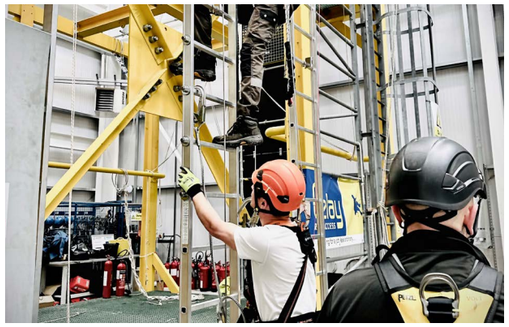
At the heart of PowerPark is the well-established and internationally recognised, innovation and incubation hub for clean energy business, OrbisEnergy. Offering flexible workspaces, hot desks, conference and meeting facilities and virtual office solutions, the OrbisEnergy ecosystem includes leading energy-related companies and the Offshore Renewable Energy (ORE) Catapult. OrbisEnergy is home to over 40 businesses both physically and virtually, providing a landing pad for inward investors and a launchpad for ambitious clean energy companies.

CONTACT:
orbisenergy@vertas.co.uk

Image credit- Julian Claxton

PROVIDING SKILLS FOR OFFSHORE WIND

The state of the art Energy Skills Centre at East Coast College, Lowestoft provides a wide range of technical and safety training courses for offshore wind technicians and seafarers.



East Coast College GWO Training Tower
Image credit: Departure Lounge Media Group

The college's commercial training arm, East Coast Energy Training Academy, works with national and regional training providers who operate from the centre, enabling the full suite of Global Wind Organisation (GWO) training modules to be delivered at the site.

The college is a Maritime & Coastguard Agency (MCA) accredited training centre and offers a wide range of STCW courses for seafarers working in offshore wind and related sectors.

CONTACT:
trainingacademy@eastcoast.ac.uk

HARWICH INTERNATIONAL PORT


Harwich Renewables Facility

UNLOCKING POTENTIAL FOR OFFSHORE WIND ENERGY

Harwich International Port, combining existing offshore wind, ferry and logistics facilities as well as the new 130 hectare expansion at Bathside Bay, is a key maritime gateway located on the Essex coast. Its location offers excellent access to the North Sea, making it an ideal base for local wind energy projects, as well as a large-scale integration hub for projects throughout the UK. The port's robust infrastructure, including deep-water berths, extensive storage facilities, and efficient logistics services, supports the construction, operations and maintenance of both fixed and floating offshore wind farms.

HARWICH INTERNATIONAL PORT

Harwich International Port, with planned new innovation and manufacturing expansion spaces alongside quay and port capacities, is poised to play a pivotal role in advancing offshore wind energy in both UK and European waters, leveraging its strategic location, infrastructure, and expertise to drive growth and innovation in the offshore renewable energy market.

FREEPORT EAST

Harwich International Port also forms part of Freeport East. Freeport East is one of 12 new freeports in the UK and has a particular focus on supporting offshore wind, green hydrogen and other clean energy developments. It has already attracted over £250 million of private sector investment and created over 2000 jobs in the local region.

It brings investment incentives and a bespoke customs model to Harwich International Port as well as access to wider skills and innovation support. It is leading on development of new innovation centres and has already committed over £10 million to strengthen local grid and transport capacity.

HARWICH NAVYARD

The Navyard has had direct involvement in the Gunfleet Sands, Greater Gabbard, Galloper and London Array offshore wind farms. The port has the experience and capability to transport specialist cargos and has handled numerous parts for wind turbines including blades.


Harwich Navyard

GALLOPER OPERATIONS AND MAINTENANCE BASE

Harwich is home to the O&M base for Galloper Offshore Wind Farm. Opened in 2020, the purpose-built facility accommodates wind turbine technicians, engineers, marine coordinators as well as management and administrative staff with CTVs travelling to the wind farm daily.

Harwich was chosen as the ideal location for the O&M base because of its close proximity to the wind farm; existing port infrastructure; numerous local suppliers and contractors, and excellent transport links both national and international.

Harwich is also a base and regular port-of-call for other offshore wind activities including O&M services for other windfarms, for SOVs and emerging developments in clean fuels and green hydrogen. These help contribute to a wider hub of offshore wind related activities that support local suppliers and manufacturing opportunities, as well as creating economies of scale for local skills programmes and colleges.


Galloper Offshore Wind Farm O&M base

CONTACT:
enquiries@freeporteast.co.uk

FREEPORT EAST HARWICH

(BATHSIDE BAY)

GREEN ENERGY HUB

Freeport East Harwich has unrivalled plans for a green energy hub at Bathside Bay, focusing on offshore wind and green fuels. The 130 hectare expansion of existing port facilities, perfectly located for the offshore wind industry, includes scope for manufacturing, assembly, construction and installation of offshore wind structures, cables and components.

Proposed Bathside Bay Offshore Wind Terminal site

CONTACT:
enquiries@freeporteast.co.uk

UNIQUE ADVANTAGES

- The East of England has the largest installed offshore wind capacity in the UK, and energy from local offshore wind and new nuclear at Sizewell will drive the development of a Green Hydrogen Hub.
- Freeport East Harwich can provide sheltered deep water with up to 1400m of new quays for heavy lift vessels, jack-ups, barges, and work boats.
- Direct access to the North Sea market in UK and European waters giving unmatched scale of opportunity for both fixed and floating offshore wind projects.
- Optimal combination of water depth (Up to 15m), quay length (1400m) and land availability of all UK ports and uniquely located to support the estimated £155 billion investment in UK fixed-bottom and floating offshore wind farms forecast to 2030.
- Large scale manufacture, assembly and marshalling of offshore wind turbines, turbine towers, nacelles, monopile and jacket foundations, substations and blades. Freeport Customs Model gives added financial advantage for serving all offshore markets.
- Up to 45 acres of land available suitable for design and development activities, shore to ship and ship to ship handling, and personnel management.

BATHSIDE BAY

- Developable land – 122 hectares
- New quay length - 1400m
- Over 15 hectares of existing manufacturing land with direct quay access
- Base for RWE Galloper O&M facility
- Located in Harwich Clean Energy & Maritime Innovation Cluster
- Existing offshore wind port with 15m water depth

TRANSPORT LINKS

- Road: Good road links to the Midlands and South East. Both London and Cambridge accessible in 75 minutes
- Air: London Stansted airport can be reached in just over an hour by car
- Sea: Ro-ro & ferry services to Europe, Harwich International Port provides direct access to the North Sea market in UK and European waters
- Rail: Rail links to the Midlands, London and the South East via Harwich International Station, adjacent to the ferry and cruise terminals. Regular services to London (70 minutes)

TARGET SECTORS

- Offshore wind pre-assembly and marshalling
- Offshore wind manufacturing and installation and other green energy activities
- Suitable for foundation-based and floating offshore wind structures

PLANNING AND CONSENTS

- Planning permission for Green Energy Hub (including land reclamation and new quay wall) secured in 2024
- Outline planning consents in place for manufacturing plots

ENERGY CONNECTION AVAILABILITY AND SOURCE

- New grid connection under development
- Access to green hydrogen and high-performance green fuels from adjacent locations
- Located close to UK's Southern North Sea offshore wind farms

GENERATE

Unlimited opportunities in the East of England

generate-energy.co.uk

info@generate-energy.co.uk

GENERATE

FSC www.fsc.org

MIX
Paper from responsible sources
INT COC 002103

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