

# Offshore Wind Energy in the Netherlands – News

December 4<sup>th</sup>, 2018



## **Tender Hollandse Kust (zuid) Wind Farm Sites III and IV**

On December 3rd, 2018, the Ministerial Order for permitting offshore wind energy for Hollandse Kust (zuid) Wind Farm Sites III and IV has been published in the [Government Gazette](#). The publication of this order is in Dutch. An English translation will be provided as soon as possible on [www.rvo.nl/windenergie-op-zee](http://www.rvo.nl/windenergie-op-zee). This translation is an unofficial document: it is only provided for convenience, no rights can be derived.

Hollandse Kust (zuid) Wind Farm Sites III and IV can be developed for a combined total of approximately 700 MW offshore wind energy. The tender procedure will run from March 1<sup>st</sup>, 2019, until March 14<sup>th</sup>, 2019, 17:00 hours CET. For this tender, market parties are invited to submit an application for the realisation of the wind farm without subsidies. In the event this tender procedure fails to yield an acceptable bid, a tender procedure including subsidies will be initiated.

## **The Central Government Real Estate Agency**

Approximately 70% of both Hollandse Kust (zuid) Wind Farm Sites III & IV, is located within the 12 miles zone of the Dutch territories. This means a seabed lease has to be established between the wind farm operator and The Central Government Real Estate Agency. In addition to the seabed lease for the wind turbines, a rental agreement for the infield cabling between the wind turbines and the TenneT platform has to be signed. An English translation of the Seabed Lease, Rental Agreement, and General Terms and Conditions can be found on <https://english.rvo.nl/subsidies-programmes/sde/offshore-wind-energy/hollandse-kust-zuid-wind-farm-zone-sites-iii-and-iv>

The Central Government Real Estate Agency has calculated the cost for the right to the seabed lease at these sites, based on a rate of € 0.98 per MWh every year, using a fixed total capacity of 350 MW and 4,000 full load hours. The payment is fixed and independent of the final actual installed capacity or output from the wind farms and is only required for the part of the wind farm within the 12 miles zone. For Site III this is 71.85% and for Site IV it is 68.23%. The amounts for the first year of operation have therefore been fixed at:

Site III: € 985,782.00/year

Site IV: € 936,115.60/year

These annual payments will be required 4 years after the permits have become irrevocable and will be indexed for the period of operation.

From the moment the permits are given to the winner up to the moment of the payment of the right of superficies seabed lease, a fee of € 650/MW/year has to be paid for the part of the site within the 12 miles zone (Site III 71.85% and Site IV 68.23%). This translates to:

Site III: € 163,458.75/year

Site IV: € 155,223.25/year

These payments (indexation) will also be required for the period from when the wind farm ceases operation until it has been fully decommissioned and removed.

The rental price for the infield cables is fixed at a one-off amount of € 3.17 per m<sup>2</sup> impacted corridor. The width of the impacted corridor is fixed at 0.3 m. For Site III, the impacted part is calculated as a total cable length of 60 km, whilst

for Site IV the calculated length is 70 km.

The rental price for the cables and pipes have therefore been fixed at:

Site III: € 40,997.61 (one-off payment)

Site IV: € 45,420.71 (one-off payment)

The final documents with all the requirements will be published in mid-December 2018.

### **Update route export cables HKZ Platform Beta**

Please note that we have published the new intended route for TenneT's export cables from Platform Beta. The new route lies closer to the boundaries of HKZWFS III and IV. A shapefile of this new route can be [downloaded here](#).

### **Questions and Answers**

Questions regarding the tender for HKZWFS III & IV have been answered by the Netherlands Enterprise Agency and are available in the [QA version of 13 November 2018](#), based on the draft of the Ministerial Order.

### **Presentations from Information Session Tender Hollandse Kust (zuid) Wind Farm Sites III and IV**

On November 15<sup>th</sup>, 2018, Netherlands Enterprise Agency held an information meeting about the Ministerial Order for permitting Offshore Wind Energy 2018, the subsidy and permit, the application forms, and model for operational calculation. The English translations of the presentations can be found [here](#).

### **Radar detection systems**

In the Netherlands, wind turbines with a minimum tip highest level of 150 metres above ground level must be equipped with aircraft warning lights to ensure aviation safety. Concerns about potential nuisance caused by continuous illumination of aircraft warning lights on wind turbines in surrounding areas and impacts on natural assets and the landscape are a recurring theme in wind turbine project consultations. A possible solution is the use of radar detection systems that only activate the lights when an aircraft is detected flying on route towards a wind farm. To gain insight into the potential benefits offered by such a system, a pilot project ('proof of concept') was conducted by Pondera Consult to test the proper functioning of radar detection systems for aircraft warning lights on turbines. The report in Dutch can be found [here](#); follow [this link](#) for the English summary.

## **Colophon**

**Contact:**  
Netherlands  
Enterprise Agency  
Croeselaan 15  
3521 BJ Utrecht  
The Netherlands

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