



# East Renewable AB

Syvash Wind Farm Construction Update

28 May 2020



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# Construction progress

## Syvash 246MW Wind Farm



## Key project details

### Sponsors

Total Eren / NBT

### Capacity

245.7MW

### EPC contractor

PowerChina

### Project Company

SyvashEnergProm

### Procurement

Turn-key EPC

### Owners engineer

Wood Group

## Overall summary

- Ukrainian state has relaxed the COVID-19 related quarantine restrictions. The borders are gradually opening and more authority is delegated to the regional governments
- A fire occurred at WTG55 on 19 May. No one was hurt. Handled well by the parties. Opening insurance claim.
- Charter flight bringing 25 Nordex crew members is scheduled on 30 May. This is a mitigating measure to ensure speed in commissioning and erecting WTGs.
- We maintain the target COD date.
- Ukrenergo has commissioned the substation on 27 May 2020. Substation energisation is in time for power sales in June.
- Commercial negotiation between PowerChina and Nordex re settlement of the extra costs that Nordex incurred due to BOP delay are ongoing.
- There are 26 WTGs erected to date. In addition, there are components for 23+ WTGs already imported into Ukraine and available on site.
- The project has submitted the second to last drawdown request of EUR 49.1 million to the lenders (EUR 34.2 million in debt and EUR 14.9 million in equity) and is expecting their approval by 02 June 2020
- Planning of the substation hand-over between PowerChina and SEP is on-going

## Progress of activities

- Substation physical energisation completion rate is 99%. Due to remaining approval related paperwork, we target the energisation date of 05 June 2020.
- Roads 55km total: 36km fully finished and 16km are 50% complete.
- Foundations, 63 total: 37 foundations have been poured to date. We expect to pile and subsequently to pour ~2.5 foundations per week.
- Medium voltage cabling in Segment 1, 88km total: 100% complete
- Medium voltage cabling in Segment 2, 79km total: ahead of schedule, not a priority

## Other project highlights

### COVID-19 impact

- No known cases on site
- Disruptions to supply chain of equipment and people. Commissioning of WTGs and substation energisation are affected.
- Federal authorities are relaxing the quarantine measures and delegated a lot of responsibility to the regional level

### Health & Safety:

- Fire on WTG55 on 19 May. No casualties. Good collaboration between the project parties.
- Unexploded ordnance survey is ongoing and strict HSE measures are established on site.
- SEP and PowerChina established a COVID-19 emergency leadership group that put in place strict measures to mitigate the potential impact of coronavirus.

### Environmental & Social

- E&S cases are reported and worked on in a timely manner.

### Financial Progress

- Out of EUR 15 million of contingency budget we anticipate ~ EUR 8.5 million to be used primarily due to project delay on extra project management and advisor costs, insurance and IDC. An increase of EUR 1.5 million since last reporting primarily due to income tax on FX gain and negative interest rate on the offshore equity account.
- EUR 10 million in standby equity remains fully intact.

### Civil Construction

- Running the core tests in WTG28 to learn more whether this is a cold joint or not.
- 53 foundations piled and 37 foundations are poured.
- 28 hard-stand fully delivered; ~9 are being worked on in parallel.

Note: 1) BOP = Balance of plants, refers to everything but the wind turbines related to the wind farm  
 Timeline is a high-level illustration of milestones and progress towards the project is expected to come online in October 2020  
 2) Delay LDs do not apply to feed-in tariff differences

# Syvash wind farm as of 25 May 2020

ER  
AB







# East Renewable AB

Birger Jarlsgatan 2, 5 tr (36)  
114 34 Stockholm  
Sweden

EUROPEAN  
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# Syvash Substation 21<sup>st</sup> May 2020



## 330kv in-bound power line from Nova Kahovkha Substation to Syvash Substation

5/21/2020

Syvash WF Lars Bruun

2





Syvash Substation 330kv  
transmission station

Syvash Substation 1<sup>st</sup> main transformer  
(one of two)



5/21/2020

Syvash WF Lars Bruun





Syvash Substation: main transformer and the Substation Control Building



Syvash Substation 35kv two auxiliary power transformers TSTOV250

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## Syvash Substation 330 kV Switchyard

5/21/2020



Syvash WF Lars Bruun



# Syvash Substation 35kv Switchyard



5/21/2020

Syvash WF Lars Bruun

8



Syvash  
Substation,  
Relay Panel  
Building,  
Relay room



# Syvash WTG

5/21/2020

Syvash Lars Bruun

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