CROSSWIND

TECHNICAL QUERY
Hollandse Kust Noord

No. TQ :	CW-ROS-TQ-0004	Rev:	A

Originating Party	CrossWind					
Subject	Harmonic Models					
Author	Stephen Bremner	TQ Aconex unique number: CWHKN-INN-BPH-TQ-00034				
Interface TQ - from		TQ interface source Aconex unique number:				
Type	Query		x	Interface		
	Deviation			Derogation (SHALL[PS])		
	Note: No deviations nor derogations which have an adverse effect on HSSE will be granted					
Workpackage						
Area(s) of application	Design & Eng.	x	Procurement		Construction	
	Commissioning		Operations		Other	
Issue date	8-11-2023		Urgent reply 5 days		Routine reply 10 days	x
Close-out date						
Closed-out by			TQ status:		Closed-out	

1. Description

Reference documents / Aconex unique numbers:

Contractor is requested to provide BLPH data for update of harmonic study of the CrossWind Wind Farm:

- General plant items
  - 66 kV / 6.6 kV transformer datasheet
  - 6.6 / 0.42 kV transformer datasheet (SG-200N1 switchboard)
  - Single line diagram
  - Specification of any other sources which have harmonic emission with a power level of at least 100 kVA.
    - UPS and control system (as discussed in meeting of 20-10) are probably less than 100 kVA and therefore do not need to be specified in detail for the harmonic study update)
  - 6.6 kV to LV transformer datasheet (for OOE Solar system)

2. Response

This communication is issued for the recipient's information and to facilitate the obligations of the Parties under the Contract. This communication has no authority to amend or vary the Contract nor relieve either Party of any duties, obligations or responsibilities.

Reference documents / Aconex unique numbers

- 1723001697-EL-TDS-00005 - Datasheets including equipment layout footprint
- 123A90-DDL-EL-DG-20158 - Overall-Key Single Line Diagram

The requested documents are reported here in accordance with the status of documentation.
The Contractor confirms that any other sources exhibiting harmonic emissions with a power level of at least 100 kVA or higher will not be supplied in BLPH.

123A90-DDL-EL-DG-20158 - Overall-Key

1723001697-EL-TDS-00005 - Datasheets

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