

STAKE HOLDER CONSULTATION PROCESS OFFSHORE GRID NL	
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QUALITY CONTROL	
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## 1. Consultation feedback

The topic of the number of J tubes on the offshore TenneT platform has been discussed with stakeholders on numerous occasions. It was a topic of discussion of the first two expert meetings (27.11.2014, 29.01.2015 and 18.03.2015) and several Bi-lateral meetings with potential bidders for the offshore wind subsidy. Substantiated with the TenneT position paper on the topic, it has been discussed again during the Expert Meeting of 15-16.04.2015. In addition, market feedback on the topic has been collected through the stakeholder engagement website of TenneT. The feedback on the topic can be summarised as follows:

- **Consensus.** There is a general consensus that for the majority of wind farm owners the proposed number of J-tubes provides sufficient connection flexibility.
  - Mitigation/Follow-up: N/A.
- **Concern.** There is a general concern with respect to the suggested configuration where in specific cases two strings would be combined on a single bay. The wind farm owners request more information and discussion on this topic.
  - Mitigation/Follow-up: TenneT will investigate the number of bays in detail, evaluating the pros and cons and potential impact on the wind farm owners and the societal LCoE of a configuration where two strings may be connected to a single bay.

## 2. Feedback follow-up and next steps

Based on the internal evaluation, external reports and collected feedback during the stakeholder engagement process the following has been decided:

TenneT's position on "T.2 Number of J tubes and bays", **only with respect to the number of J tubes:**

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TenneT states that in case of **66 kV inter-array cables** (based on conservative 64 MW per cable) a standard platform shall be equipped with 18 J-tubes for the inter array system:

- 2x 8 J-tubes for offshore PPM
- 1 J-tube installed for possible test purposes
- 1 J-tube installed for the connection to the neighbouring platform

TenneT states that in case of **33 kV inter-array cables** (based on 35 MW per cable) a standard platform shall be equipped with 34 J-tubes for the inter array system:

- 2x 16 J-tubes for offshore PPM
- 1 J-tube installed for possible test purposes
- 1 J-tube installed for the connection to the neighbouring platform

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Is ready for final decision making by the appropriate body and will not come back in the stakeholder consultation process

Based on the internal evaluation, external reports and collected feedback during the stakeholder engagement process the following next steps have been defined:

- The topic “T.2 Number of J tubes and bays” is put on the agenda for the next Expert Meeting of June 2015, for a final consultation discussion **only with respect to the number of bays**.
- TenneT undertakes all mitigation/follow-up actions as defined above.
- An updated TenneT position paper, including all follow-up actions will presented to the next Expert Meeting.