

STAKE HOLDER CONSULTATION PROCESS OFFSHORE GRID NL	
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QUALITY CONTROL		
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1. Expert Meeting 27.11.2014

After elaborating on the reasons for the proposed approach, this was not challenged.

2. Expert Meeting 29.01.2015

N.A.

3. Expert Meeting 18.03.2015

N.A.

4. Expert Meeting 15&16.04.2015

Summary of concerns based on feedback during the Expert Meeting

- TenneT's position is acceptable and including signals and emergency button are preferred in this topic.

Feedback from the meeting attendees:

Experience in Germany is that control centre can sometimes be very busy and therefore it can take several hours before a switch is made. TenneT's experience onshore NL is different. There have been no complaints that this approach is a problem for the onshore situation. In the case this takes several hours TenneT has a major internal problem.

Is TenneT willing to sign a performance agreement on time of operation? E.g. planned operation should be possible to operate switches within ½ hour.

How does this work during testing and commissioning? TenneT proposes for that period of time to have a dedicated operator at the dispatch centre in order to serve all action.

What happens if we see a problem on a cable and would like to switch it off immediately. Could we include an emergency stop? TenneT notes that for onshore situation this is sometimes the case and in general could be supported for the offshore situation as well.

Can we install padlocks and do we also receive the location of the switches for SCADA data? TenneT notes that both should be possible.

Could you confirm that the J-tube is designed at 800 mm²?

5. Expert Meeting 12&13.05.2015

The operation of bay's for the offshore platform will be standardised in a similar way as the current practice for the operation of switchgear onshore for the connected parties. The switchgear installation with connections to the offshore PPM is fully operated by TenneT, as the owner of the switchgear.

Feedback from the meeting attendees

What happens if something happens and we request to close the breaker and you are not able to operate for several hours? Does that effect availability and therefore our compensation? TenneT: We should mention response time and common practise is that we, TenneT, operate the switch for the customer.

Would it be possible that TenneT has a financial incentive in order to respond on time. TenneT we have an obligation to do our best efforts.

Better to have a response time and financial incentive instead of good intention.

6. TenneT stakeholder consultation website March

N.A.

7. TenneT stakeholder consultation website April

TenneT will ensure switching operation via remote control 24/7, which might be acceptable, but clear agreements will be necessary to ensure safe and reliable operation. Response time needs to be defined. Fast access must be ensured in case of failures/outages to ensure fast failure diagnostic. For case of imminent danger it must be possible for Windfarm to switch off the string via RC.

8. Bi-lateral meetings

N.A.

9. Other

N.A.