Present:

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1   Agenda

- TSO statuses
- NEX specific Installation guide review
- European platforms

2   Action points from the previous meeting

3   TSO statuses

Background: Status of each TSO and active ECP participant of NEM (Nordic ECP Network).

eSett
- Teemu has taken the responsibility of eSett ECP after Mika Niemi left.
- eSett has re-enabled the HA cluster setup with 4.8.0 version and that seems to be working ok / no issues noticed.
- Production communication setup with Energinet. Fingrid should go live in November. There are about 1000 messages monthly.

Energinet
- Question about some toolboxes in Energinet SC that might not need to be there, but only in FG SC. To be confirmed if those should exist in both Service Catalogues or only in Fingrid. If Energinet is offering those services, those should be in both.
- Discussion about when the Energinet broker was down due to failover testing purposes. Discussion about this will continue in NEX wg meeting.
- Production is running on 4.7.2 and seems to be stabile. Some random connection issues to the database noticed, but nothing that has been noticed to affect production.
- NEM insatllations are in Kubernetes, but other endpoints are planned to be moved to containers also. Implementation and testing ECP/EDX with containers ongoing.

SVK
- NRSC registering ongoing. Issues with registering – possibly related to the new Java version in production (test has an older version)
- OPDM implementation ongoing

- NBM High traffic endpoint setting up ongoing / will be connected to Kafka
- New person started working in ECP area
- updraded CD/Broker to 4.7.2. upgrade of endpoints in November
- production has been working ok. SVK and Vattenfall are facing issues due to small network issues. Other BSBs does not seem to have issues. It was mentioned that often network issues are noticed with ECP container setups
- Some BSBs had issues with endpoints because Java version was upgraded with older ECP versions. Importance of bringing up these instructions to the endpoint operators is important.

Fingrid
- No issues in production and operating is smooth.
- Geo blocking in firewall will be implemented to CD and Broker in test
- Connecting EDX to Kafka ongoing
- Setting up NBM high traffic endpoint ongoing
- Connectivity test keeps failing in test towards AOF endpoint
    o Default settings to connectivity test are
      ecp.endpoint.connectivityCheckAttemptTimeout=1000
      ecp.endpoint.connectivityCheckAttemptsCount=5
      Those should be changed to:
      ecp.endpoint.connectivityCheckAttemptTimeout=3000
      ecp.endpoint.connectivityCheckAttemptsCount=10
- Upgrading to 4.8.x version to be scheduled

Statnett
- Installation guide updated / reviewed: https://ediel.org/wp-content/uploads/2021/10/Installation-and-Upgrade-Guide-for-ECP-EDX-in-Statnett-Network-v4.8.1.pdf
- Production is running ok. No bigger outages
- 4.8.1 version has connectivity check issue that require some configuration changes that are also mentioned in the installation guide
- Splunk reports showed and presented how to easily monitor message traffic / easy best practices

NBM
- Message type / services with _TEST suffix created. Others are for shadow operation with pre production data. It is up to business to decide what to use out of them.
- 99.9 availability setup is implemented in Statnett, but there has not been need to use it. It should work / has been tested. Other TSOs has not been implemented this.
    o To be investigated if it makes sense bring more complexity.
    o In malfunction scenario the issue will occur also in replicated instance
    o Official ECP HA setup is now working in eSett -> if that proves to be working, then that could be taken in use.

3   European platforms (MARI / PICASSO / XBID)
- After NBM TSOs need to connect to MARI and PICASSO.

- New networks and endpoints for different platforms will be setup for now. Perhaps later there will be a common network for those purposes.
- Main reason why building a generic network seems to be difficult is that someone would need to take responsibility of the main ECP components.
- NOIS / XBID is connected with ECP3. ECP4 will be installed and a new network will be setup. TSOs will need to connect to the new network with compatibility mode.