Nordic Balance Settlement – project

EMR 22 maj 2012
Project background

SVK + SN COBS –project:
• a common balance settlement between TSO:s
• load profile and clearing calculation
• report ready on the 18.12.2009

4 TSO:s COBSII –project:
• based on the previous project
• analysis what EN.DK’s and FG’s "threshold of pain" are
• a common balance settlement is possible but needs to be thought about more broadly
• establish a foundation

NordREG retail market development:
• has been on the agenda for years
• launched on the discussion gathering 9.12.2009
• the purpose is to get a more accurate implementation plan
• divided into 4 different teams:
  • Target market model TF (NordReg)
  • Balance and settlement TF (TSOs)
  • Data exchange TF (Nordenergi)
  • Customer interface model TF (Nordenergi).
• a rough plan was ready on the 30.6.2010
• starting up again now
• more information on
  www.nordicenergyregulators.org

• EN.DK, FG, SN and SVK decided in June 2010 to combine these projects
• NBS –project (Nordic Balance Settlement) was founded
Project background

Planning phase I
2010

- Commentary of the design report
- Adjustment of the proposed model and updating of the design report
- Analysis of the required changes in the law from the TSO´s point of view
- Discussion with NordREG
- Draft of production management
- Solution of how to handle balance settlement between bidding areas and TSOs
- Preparation for the SR`s balance agreement has begun
- SR´s organization model has been selected
- Alternative for the implementation of SR´s settlement system

Planning phase II
2011

Implementation phase
2012-2014

- Changes in the laws and regulations
- Balance agreement
- Organization
- Cooperation with the actors
- Data system
- Model development
- Testing and verification of the models accuracy

http://www.svk.se/Energimarknaden/El/Balansansvar/Aktuellt-om-balansansvarsavtal/
Project organization, new operational model and time schedule
Implementation model

Owners:

- **Fingrid** -Finland-
- **SvK** -Sweden-
- **Statnett** -Norway-

Local TSO services:

- TSO is accountable for the balance settlement in its own country.
- Balance settlement services are provided in national language.
- The hourly balance settlement made by the common SR’s balance settlement system.
- TSO personnel.

Main host TSO services:

- the service will be implemented by one TSO
- the work space and the necessary services for SR’s other personnel
- invoicing, accounting etc. financial services
- IT –support etc.
- legal services

Balance service agreement

- One invoice
- Collection of reserve cost
- One guarantee etc.
- Reconciliation
- Reporting
- Total delivery
- Load profile shares
- Reporting etc.

Settlement Responsible Unit SR Oy/Ab/As

Market actor

- BRP FI
- Market actor SE
- BRP NO
- Market actor NO
- BRP Fortum etc.

Network distribution company

- Network distribution company FI
- Network distribution company SE
- Network distribution company NO
The Settlement Responsible Unit (SR) is responsible for balance settlement. The national TSOs are still accountable for balance settlement, but SR is responsible for execution. Balance settlement agreements are made with SR/BRPs. One SR provides a common balance service and settlement with one settlement system, harmonized balance service. SR collects fees for ancillary services, such as reserve cost. SR may be utilized in other duties imposed to TSOs.
Status

- Changes in the laws and regulations
- Balance agreement
- Organization
- Cooperation with the actors
- Model development
- Testing and verification of the models accuracy
- Data system

- Dialog med svenska regulatorn har påbörjats.
- Risk för kraftiga förseningar i Sverige och Norge.
- Finland enligt plan.
Status

• Changes in the laws and regulations
• Balance agreement
• Organization
• Cooperation with the actors
• Model development
• Testing and verification of the models accuracy
• Data system

Implementation phase 2012-2014

* Utkast är framtaget för ett nordiskt balansansvarsavtal
* Ett färdigt avtal ska enligt nuvarande tidplan vara framtaget mars 2013
Status

- Changes in the laws and regulations
- Balance agreement
- Organization
- Cooperation with the actors
- Model development
- Testing and verification of the models accuracy
- Data system

implementation phase
2012-2014

- Upphandling av konsult för utvärdering av Main Host är påbörjad
- Förslag framtaget slutet av Juni
- Beslut under hösten (CEO)
• Changes in the laws and regulations
• Balance agreement
• Organization
• Cooperation with the actors
• Model development
• Testing and verification of the models accuracy
• Data system

• Hemsidan för all information angående NBS är under uppbyggnad
• EMR 22 maj
• Externa referensgrupper fastställs under hösten 2012
Status

- Changes in the laws and regulations
- Balance agreement
- Organization
- Cooperation with the actors
- Model development
- Testing and verification of the models accuracy
- Data system

Implementation phase 2012-2014

- Designrapporten behöver utvecklas ytterligare
- Fortsatt arbete med detaljer
- Referenspersoner och resurser i projektet begränsat
Status

• Changes in the laws and regulations
• Balance agreement
• Organization
• Cooperation with the actors
• Model development
• Testing and verification of the models accuracy
• Data system

* Ej påbörjat

Implementation phase 2012-2014
Status

- Changes in the laws and regulations
- Balance agreement
- Organization
- Cooperation with the actors
- Model development
- Testing and verification of the models accuracy
- Data system

- Business Process Modelling klart
- Kravspecifikation pågår
- Upphandlingsstrategi pågår
- Informationsutbyte och format pågår

Implementation phase 2012-2014
Time schedule

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