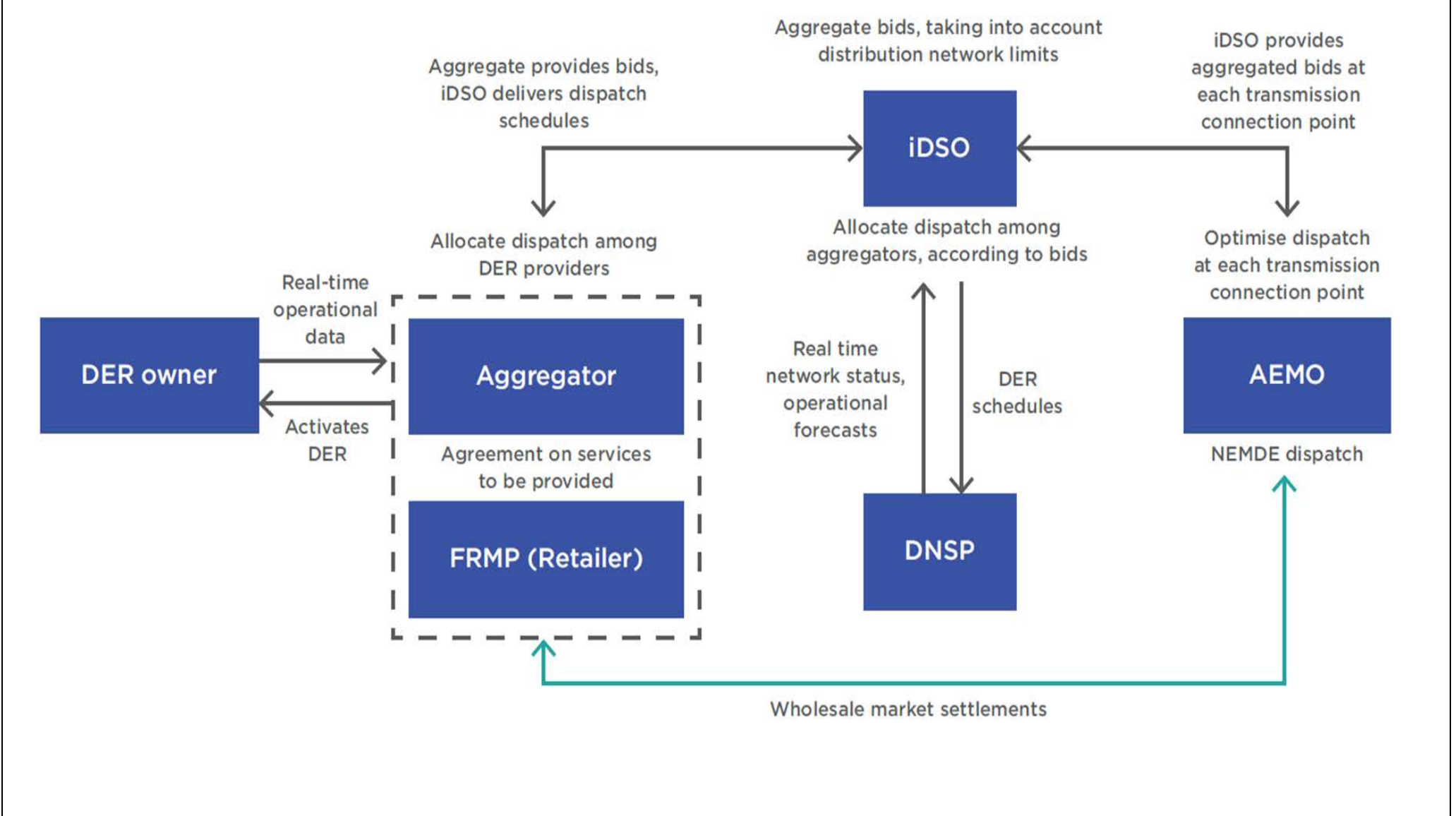


Session 4: Frameworks for DER Optimisation

Table No: Option 3 - iDSO optimises distribution level dispatch



Advantages of this model

- 1) Clear independence
- 2) Allows some degree of decentralisation.
- 3) As an independent party, the iDSO is a single entity taking entire responsibility for the complex dispatch task at a Distribution level.

Disadvantages of this model

- 1) The most complex of the models described, as it involves interfaces between the iDSO and DNSP (to share real-time network status and distribution network constraints), and complex interfaces between the iDSO and AEMO (attempting to co-optimize resources in a multi-stage process across two different organisations).
- 2) A new independent organisations would need to be established in each distribution network area, with associated approaches developed for funding those organisations.
- 3) Risks significant duplication
- 4) Likely to be the most expensive option

Do you agree with the advantages listed for this model?

Are there other advantages we should consider?

Do you agree with the disadvantages listed for this model?

Are there other disadvantages we should consider?

Could this model be modified or enhanced?

If so how?