

Distribution grid's balance settlement service

Balance settlement is an important part of DSO's business operations, and easy to purchase as a service.

A reliable balance settlement is an essential part of the business process of a DSO. As a process subject to formal requirements that is regularly repeated, it is easy to purchase as a service. By using a purchased service, the client can focus on their key operations and free expert resources from routine tasks bound by strict schedules.

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| PRODUCT GROUP: | Energy market services |
| SERVICE TYPE: | Balance settlement services |
| ASSOCIATED SERVICES: | Metering services |

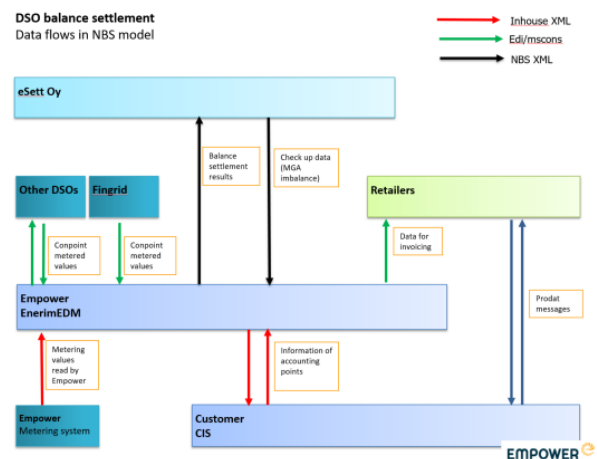
Operating environment

A Distribution system operator (DSO) carries an important responsibility for the operation of the electricity market. Metering and balance settlements, for which DSOs are responsible, produce most of the balance settlement and invoicing data used by retailers and balance responsible parties. Good quality and punctual delivery of the data are of utmost importance for the operation of the entire market. Introduction of the NBS model on 1 May 2017 further increased the obligations of DSOs.

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The service is based on metering data from grid's connection points and internal metering points, whose validation is part of the service. The balance settlement service includes calculation of seller-specific sums, connection point sums and transmission losses in compliance with the balance settlement model based on the above-mentioned metering data. The balance settlement results are submitted to balance settlement unit eSett on daily basis in compliance with the open balance window. Retailers receive metering point specific metering data for invoicing.

As part of the service, Empower maintains structural data of DSO's grid in the eSett's system, too. The balance settlement service for distribution grid can also be scaled for industrial or power plant grids.



Why use the service?

Maintenance of a service system introduces cost savings when compared to single systems. Empower maintains the entire system, including data communication interfaces, and implements all the changes required by the market.

The Empower service ensures reliable balance settlements by the set deadlines. We can deliver the necessary summary data to the client via selected interface, so that the client can focus on their key business.

The balance settlement service is part of a more comprehensive service package for DSOs. The package usually includes at least metering services.



Contact us, we will be happy to help you
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