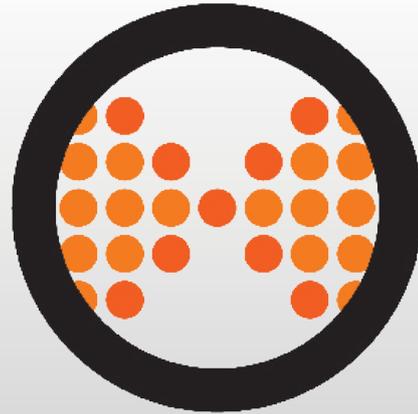


AFFINITY SUITE networkflow

Network Data Management



Electricity Flexibility and Forecasting System

AMT-SYBEX to partner with Western Power Distribution on key flexibility project.

Western Power Distribution (WPD), in partnership with AMT-SYBEX, has been awarded funding from Ofgem to support the use of flexibility services on distribution networks.

Up to £2.9m of innovation funding will be awarded by Ofgem, as part of the Electricity Network Innovation Competition, to develop an Electricity Flexibility and Forecasting System (EFFS). The EFFS project will support DSO transition by specifying, developing and trialling software to plan and despatch flexibility services in operational timescales.

EFFS will create learning around the establishment of a new network interface tool, which will include algorithms to calculate improved network capacity forecasts in order to facilitate the procurement of flexibility. This software will support the evolution of DSO roles by building capabilities to support the development of any models for accessing flexibility.

Jenny Woodruff, Innovation and Low Carbon engineer at WPD, said: "EFFS is going to be an important piece in our DSO transition puzzle equipping us to perform the new functions of a DSO. Like a jigsaw piece it will link to other important elements including the Open Networks project, which is defining the details of the DSO interactions, existing WPD projects for flexibility services and new projects by other DNOs."

John Hayling, continued: "AMT-SYBEX will be responsible for developing the system and for the overall project management including delivery. This will build upon our Affinity Networkflow solution that was deployed by UK Power Networks to optimise the Smarter Networks Storage project. We look forward to developing the Networkflow solution to enable the delivery of flexibility services for WPD."

Overview

Affinity Networkflow[®] enables intelligent energy management for network operators, helping them realise the value of smart grid technologies. It incorporates the performance and power to implement complex data management, aggregation and analysis.

Networkflow is designed to cope with the multitude of new technologies available to generators and consumers today. The introduction of new, flexible technologies such as distributed generation, renewables and energy storage can not only add significant value but challenge the network and even the structure of the industry and its participants. Now with Networkflow, you can seamlessly and intelligently manage your energy flexibility.

How does it work?

- Networkflow is built to manage and optimise a multitude of different energy flexibility assets such as energy storage, building management systems and generators.
- Load & generation forecasting means that you always know when and how you need your assets to perform.
- Integration to active network management & control systems means you can dispatch your energy assets when you need to.
- Networkflow has services configured to communicate with balancing, flexibility and other commercial markets, both locational and national.

Key features

Flexibility

- Load & generation forecasting that is adaptive to network and geographical location.

Optimisation

- Commercial optimisation of energy markets to ensure that your assets are operating intelligently.

Integration

- Pre-packaged solution with all the integration and management rules you will need.

Aggregation

- Virtual power plant capability allows you to aggregate your energy assets into larger tradeable blocks.

Systems work better when they have Affinity.

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Affinity Suite[®]

is the enterprise data management suite from AMT-SYBEX. Each solution integrates and orchestrates enterprise data, so your business processes work better.



AMT-SYBEX

We create enterprise software for the global infrastructure and energy industries.

Leading businesses rely on our domain experience, product ingenuity and partnerships.

Making your data work harder.