

Smart Grids

Renewables
integration

Energy
Management

AMI advisory projects to Middle East Utilities

Issue

Iberdrola is leveraging its technological centre in the Middle East to provide technical assistance to fellow utilities in the region. As utilities around the world strive to digitalise the network in order to provide customers with a reliable service as well as increase efficiency, Iberdrola Innovation ME assists by providing advisory services at all levels of implementation. Working closely together with the utilities, sharing knowledge and solutions, increases the prospect of success and provides the customer with relevant innovations to develop the digital grid.

Solution

Close collaboration with the customers provides Iberdrola Innovation ME with insight into the selection of innovation projects that are aligned with Iberdrola's innovation strategy as well as the specific regional needs of the Middle East. Providing experience at all levels and working together with various types of utilities, that have reached different maturity levels in the goal for a digital grid. Iberdrola Innovation ME strives to develop the Smart Grid, through Energy Efficiency programs and Renewables Integration, through the knowledge transfer between Iberdrola and it's partners, be it utilities, universities or international specialists.



Iberdrola Innovation ME Advisory Services Model

Impact

Iberdrola Innovation ME has performed several projects in the region, providing customised advisory services in several areas within the field of Smart Grids with measurable impact:

Assisting one of the largest utilities in the GCC with:

- *Design of the Advanced Metering Infrastructure (AMI) technical solution;*
- *Technical Specifications of all AMI Components such as Smart Meters, DCU, Telecom equipment, etc.;*
- *Bidders Technical Evaluation.*

Presenting complete solutions for a large utility in the Middle East in the areas of:

- *AMI Project Assessment and Roadmap;*
- *Definition of Technical Specifications;*
- *Certification process for DCUs and Smart Meters;*
- *Evaluation, Certification and Validation process for Equipment;*
- *Cybersecurity specification.*

Providing the Qatari utility with an advanced:

- *AMI Benefit-cost analysis;*
- *Design of an AMI pilot.*



Smart meter deployment by Iberdrola



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