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Integrating WAMS into EMS/SCADA – Project Experience

Bas Kruimer

Quanta Technology – Europe

Abstract

As part of the USA DoE Stimulus Funding Pacific Gas & Electric utility has started a wide area measurement system project to integrate phasor data into the EMS/SCADA functions. The overall objective is to further improve performance and customer service and also to enhance the coordination with the ISO and neighboring systems. This presentation explains the project set-up and approach to applications, system design, architecture and testing. For the proof of concept a test system has been realized and first results will be presented and discussed.

Presenter Bas Kruimer is Managing Director of Quanta Technology in Europe. His background is Delft University of Technology – Power Engineering; ABB; KEMA; Eneco/Joulz; and now Quanta Technology. He has fulfilled roles in Marketing & Sales, Product Management, R&D and General Business Management. His technical specialties are in protection, control, SCADA, substation automation, IEC 61850, HV design and engineering CIGRE, CIRED, IEEE (see LinkedIn for details).