

UI-ASSIST WEBINAR: The UI-ASSIST Project: Urban Pilots – an overview

Thursday, March 23, 9:00 am PT (9:30 pm IST)



U.S. INDIA COLLABORATIVE FOR SMART DISTRIBUTION SYSTEM WITH STORAGE



Presenter: A.K. Saxena (TERI)

A US-India project on “Smart Distribution with Storage” is under implementation. The urban pilots are being implemented at three locations in the license area of BSES Rajdhani Pvt. Ltd. - the DISCOM supplying electricity in Southern part of capital of India. The pilot implementation envisage:

- (a) Use of Battery Energy Storage System (BESS) for overload management and peak shaving at DT feeder level by integration of BESS and study of peak shaving/ energy shifting/ energy arbitrage application of BESS
- (b) design of an Energy Management System (EMS) control logic for coordinating supply from the utility

The presentation will cover salient features of the pilots including design and implementation, approach & methodology etc.

Please join our monthly UI-ASSIST webinar on March 23, 9am – 10 am PST.

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Mr. A. K. Saxena currently heads the Electricity and Fuels Division in The Energy and Resources Institute (TERI). He has over 40 years of experience in the power sector in India. He has worked with the Central Electricity Authority, Ministry of Power and Central Electricity Regulatory Commission (CERC). Post retirement from Government service in 2016, he is with TERI where he leads various projects in the Power Sector. Key areas of focus of his work at present include Energy Transition, Just Transition, Smart Distribution with Energy Storage, E-mobility, Demand Side Management, Smart Grid, etc., which involve a strong interaction with power utilities in the country as well as leading organisations/institutes in India and other countries. He was Chair/Member/Convenor of Committees set up by CERC and is currently Chairperson of Industry Advisory Board of IIT-K & La Trobe University Research Academy. Mr. Saxena holds a Master’s degree in Electrical Engineering and MBA.