



L&T makes new strides in Digital Energy Solutions business

Secured mandate to implement

Mumbai, September 30 2024: The 'LJLWDO (QHUU\ 6ROXWLRQV '(6 DUP RI / Power Transmission & Distribution (PT&D) business has received the mandate to develop and implement Energy Management Systems in regional and state load dispatch centers in South India. This order is the latest addition to such digitally based intelligent projects being executed by L&T DES globally.

Digital Energy Solutions (DES)

7KH 'LJLWDO (QHUU\ 6ROXWLRQV DUP RI / 7-V 3RZHU 7UDQVPL specialized set

systems will be implemented for 12 set of control rooms. These systems are being implemented for main and backup configurations for the Southern Regional Load Dispatch Centre (RLDC) and the State Load Dispatch Centers (SLDC) of Andhra Pradesh, Kerala, Puducherry, Tamil Nadu and Telangana. The integration and implementation of these systems will be carried out without causing any downtime for the existing system.

L&T DES will implement this upgradation of control rooms with power system applications supplied by WKH ZRURUJ OVM to monitor and control the energy flow in electricity transmission network in real time to ensure reliable and secure grid operations. The upgrade work will leverage L&T-Spark-CRIM™ (Control Room Integration Middleware) Platform to integrate substation data.

Through4210 one of the most complex

configurations involving more than 15 EMS hosts, deploying advanced applications to monitor and control the energy flow in real-time. The scope includes design and implementation of

This includes resilience planning, feasibility assessment, simulation studies, bulk power balancing authority services, cybersecurity compliance etc. for various digitalization and decarbonization projects in United States.

L&T DES team will work on recently awarded grant projects, being carried out for partners under contract with California Energy Commission (CEC) and USA Department of Energy as part of the California Energy Commission (CEC) grant funding opportunity **-20-305: California Community Microgrid - Reimagining Affordable Mixed-Use Development in CEC a-**