

## **BRIEF ON RESTRUCTURED ACCELERATED POWER DEVELOPMENT REFORMS PROGRAMME - (R-APDRP) PART-A SCADA/DMS PROJECT**

The Government of India is implementing various distribution improvement works under R-APDRP Scheme through M/s. Power Finance Corporation to minimize AT&C losses. Under Part-A of the above scheme, towns with population of more than 4 lakhs and Annual input energy of the order of 350MU's are eligible for funding to establish SCADA/DMS system for Automation of Distribution Network. The Funds shall be provided as 100% loan through M/s. PFC and when the utility complete the project within the approved time schedule 100% of loan could be converted as grant. The utility can avail consultancy services from the empanelled vendors of PFC and the expenditure incurred by the utility will also be reimbursed.

In respect of U.T of Puducherry, the Puducherry town is alone eligible for the above funding and as such, the Electricity Department, had decided to implement the project. M/s. CPRI has been appointed as the consultant for the project. The Govt. of India has sanctioned an amount of RS. 13.89 Crores for execution of the project. Accordingly, tenders were invited for finalizing the implementing agency and M/s. Dongfang Electronics Pvt Ltd., Gurgoan has been finalized as the System Implementing Agency (SIA). The work has to be completed before March 2019 as per the latest decision of PFC.

The work has been entrusted to M/s Dongfang Electronics Pvt., Ltd., the work involves integrating the five sub-stations namely, 110/22 KV Kalapet SS, 110/22 KV Kurumbpet SS, 110/22-11 KV Marapallam SS, 110/22 KV Villinur SS and 110/22-11 KV Venkatanagar SS covered under the R- APDRP area with the control centre located at Venketanagar SS. Thirty five number of 22-11 KV feeders are to be monitored and operated through installation of Field Remote Terminal Units.

The Sectionalizers and Fault passage indicators and future Ring Main Units are to be integrated with the SCADA system as and when installed and commissioned.