

About APTRANSCO

- ❖ The erstwhile Andhra Pradesh State Electricity Board which came into existence in 1959 was responsible for Generation, Transmission and Distribution of Electricity. Under Electricity Sector Reforms agenda, Government of Andhra Pradesh promulgated Andhra Pradesh Electricity Reforms Act, 1998. The erstwhile APSEB was unbundled into one Generating Company (APGENCO), One Transmission Company (APTRANSCO) and Four Distribution Companies (APDISCOMs) as part of the reform process.
- ❖ OAPTRANSCO came into existence on 1.02.1999. From Feb 1999 to June 2005 APTRANSCO remained as Single buyer in the state-Purchasing power from various Generators and selling it to DISCOMs in accordance with the terms and conditions of the individual PPAs at Bulk Supply Tariff (BST) rates. Subsequently, in accordance with the Third Transfer Scheme notified by GOAP, APTRANSCO ceased to do power trading and has retained powers of controlling system operations of Power Transmission.
- ❖ The vision of the sector is to Plan, Construct and Maintain the Transmission Network in the State of Andhra Pradesh in line with Demand Growth and Generation Expansion in an efficient manner so as to ensure highest availability and lowest operational costs.
- ❖ The Core values of the Sector are Customer Centric Operations, Team Work, Accountability, Integrity and Social Responsibility.
- ❖ APTRANSCO is recognized as one of the best State utilities in the Country. The Transmission availability factor is 99.90%
- ❖ The total Installed capacity of the Andhra Pradesh State as per geographical location including CGS Share on 30-06-2017 is 17181.38 MW consisting of Thermal (4410 MW), Hydel (1798 MW), Non-Conventional (6280 MW) and others. Total Consumption in Andhra Pradesh during 2016-17 is 55,160 MU.
- ❖ 10 Nos., 400 KV, 89 No. 220 KV, 192 Nos., 132 KV Substation totalling to 291 EHT substation and 2781 Nos., 33 KV Substations are existing in the State. 7.83 lakh Distribution Transformers are existing in the State.
- ❖ 23400 CKM of Transmission Lines (EHT Lines) existing in the State including 400 KV (4265 CKM), 220 KV (9748 CKM) and 132 KV (9387 CKM) in addition to Distribution Lines of 33 KV (24908 KM), 11 KV (2.20 Lakh KM) and LT (3.22 lakh KM) Lines.
- ❖ 173.50 lakhs Consumers are existing in the State as on 30-06-2017 including Domestic (140.04 lakhs), Agricultural (16.80 lakh) consumers.
- ❖ The per capita consumption of State is 1085 units for the year 2016-17.

- ❖ The Transmission losses are 2.92% during 2016-17 and the Distribution Losses are about 9.97 %
- ❖ HVDS is being implemented for agricultural pump sets to reduce losses. As on 30-06-2017 HVDS is implemented for 8.97 lakhs pump-sets with an Expenditure of 3626 Crores.
- ❖ 250 MW was commissioned at Anathapuram -1 Ultra Mega Solar Park at NP Kunta, in Ananthapur district.
- ❖ 1000 MW was commissioned at Kurnool Ultra Mega Solar Park in Kurnool district.