

**BRIEF PROJECT REPORT FOR DIVERSION OF 4334.01 Ha OF FOREST LAND FOR "proposed DAMERACHERLA COAL BASED THERMAL power station of capacity 4400MW at Veerlapalem(v) and 2400MW at Dilwarpur(v) of Dameracherla Mandal, Nalgonda District".**

The peak power demand of the Telangana state is about 180 MU against which only 135 MU is available leaving a short fall of 45 MU. On an average the Telangana Grid is able to meet 135 MU per day, sourcing 45 MU per day from TSGENCO projects, 30 MU per day from central generating stations, 25 MU per day from APISTS and 35 MU from other purchases. In order to meet the present power demand, ever increasing future demand and also to avoid purchase from other sources.

The Power demand in Telangana state is increasing rapidly due to the rapid Industrial & Infrastructural developments and also due to the geographical conditions of the Telangana state, most of the agriculture sector is completely depending on the electrical power which contributes 40% of the power generated in the state. To mitigate the gap between the demand and the supply, Telangana state is facilitating large scale capacity additions with the shorter construction period.

In view of the above circumstances, TSGENCO has proposed to establish coal based Thermal Power Station with a capacity of 4400 MW at Veerlapalem (V) and 2400 MW at Dilwarpur (V) of Dameracherla Mandal, Nalgonda District to meet the power demand of Industrial, domestic and agriculture sectors etc of Telangana State as stated above.

The basic inputs required for establishing the thermal power plant are availability of land with least R&R issues, rail/road accessibility, availability of fuel and transportation, availability of water etc. The site selection team comprising officials from TSGENCO and revenue officials from state Government visited the potential sites in Telangana state for identifying the most suitable and viable site for setting up of Super Critical Thermal power projects in the state. The prospective three sites ie; 1<sup>st</sup> at Punukuduchelka of Kothagudem Mandal, Khammam Dist., 2<sup>nd</sup> at Pandurangapuram (V), Paloncha Mandal, Khammam Dist and 3<sup>rd</sup> at Veerlapalem (V), Dilavarpur (V) & Gangadevi Gutta (V), Damercherla Mandal, Nalgonda Dist. are examined. Brief description of the above sites are as follows:

- 1) Site 1: This site is located in village Punukuduchelka of Kothagudem Mandal, Khammam dist. The land availability is 8800 acres. This land falls under Kinnerasani wild life sanctuary and the area falls under eco-sensitive zone. Hence this site is not considered.
- 2) Site 2: This site is located in Pandurangapuram village, palvanha Mandal, Khammam Dist. The site is very close to the existing operating Kothagudem Thermal Power Station and also falls under ecosensitive zone under Kinnerasani wilf life sanctuary. The land available is only 1200 acres. Hence this site is not considered.



- 3) Site 3: This site is located in villages Veerlapalem, Dilawarpur and Gangadevi Gutta of Damercherla Mandal, Nalgonda Dist. The land available in these villages is appor. 10,709.32 acres. The nearest town is Miryalaguda which is about 30 km from the site. Nearest airport is Hyderabad which is about 200 Km away from site. Water requirement for this project is planned from Krishna river which is located at a distance of about 30 Km.

Based on the site selection team assessment, the Site 3 is preferable for thermal power plant as decided by the Hon'ble Chief Minister since it is having good road and rail connectivity and having nearest water source and also nearer to the Hyderabad city.

Further, it is proposed to use 100% imported coal or 50% domestic & 50% imported coal for which port at a distance of 250km @ Krishnapatnam, AP State is available.

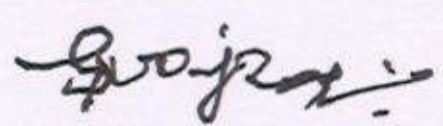
The Hon'ble Chief Minister, Telangana state has conducted aerial survey of reserved forest blocks of Veerlapalem (V), Dilavarpur (V) and Gangadevi Gutta(V) of Damercherla Mandal of Nalgonda Dist, on 23-12-2014 along with state Govt. and TSGENCO officials and decided for establishing of Thermal Power Plant in the above forest blocks in view of the location advantage of the area like Krishna river water, near by passing railway line and National highway road leading from Hyderabad to Addanki


The project was approved vide Minutes of the Meeting conducted by Hon'ble Chief Minister, Telangana camp at Veerlapalem village of Damercherla Mandal, Nalgonda Dist. On 23.12.2014.

The total land required to an extent of 4334.01 Ha (10,709.32 Acres) in reserve forest area of Veerlapalem (V), Dilavarpur (V) and Gangadevi Gattu (V) of Damercherla Mandal of Nalgonda Dist. for establishment of Thermal Power Project of capacity of 4400 MW at Veerlapalem (V) and 2400 MW at Dilavarpur (V) and residential colonies for above thermal units will be located at Gangadevi Gattu (V) of Damercherla Mandal of Nalgonda Dist.

The total forest land required located in three villages of Damercherla Mandal is as given below:

1) Veerlapalem village	- 2389.72 Ha
2) Dilawarpur village	- 1679.42 Ha
3) Ganga devi Gutta	- 264.87 Ha
Total	4334.01 Ha (10,709.32 Acres)

  
Superintending Engineer/Civil/Thermal  
TSGENCO, Vidyut Soudha,  
Hyderabad

  
Chief Engineer/Civil/Thermal  
TSGENCO, Vidyut Soudha,  
HYDERABAD - 500 082.