

**Calculation Sheet for arriving Net Present Value (NPV)
for the proposed Diversion area**

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An area of 56.764 ha proposed for diversion in different reserve forests of Proddatur (WL) Division for construction of 765 KV Double Circuit Power Transmission line from Kadapa to Chilakaluripeta by POWERGRID Corporation of India Limited. The Range wise proposed diverted areas are as follows.

Sl. No.	Range	Beat & Reserve Forest Block	Compt. No	Total area proposed for diversion in Ha
1	Porumamilla	Tekurpeta (Kavalakuntla Extn. & A RF)	252 & 253	23.162
2	Badvel	Boyanapalli (Ethirajupalli CA Block)	1173	3.178
3	Badvel	Jangamrajupalli (Bunglow bodu locality)	--	2.680
4	Badvel & Onipenta	Jangamrajupalli & Gangayapalli Beat (Kancherlamoram Extn. RF)	265, 266 & 156	27.744
		Total		56.764

1) Compt. No. 252 & 253 of Tekurpeta Beat of Porumamilla Range

- a) Area proposed for diversion for this Project in this part of area : 23.162 Ha
- b) Eco Class of the area : Eco Class – III
- c) Type of Forest : Southern Tropical Dry Mixed Deciduous (Dense Forests)
- d) Rate per ha for Dense Forests of Eco Class – III : Rs. 8.030 lakh per ha.
- e) For 23.162 Ha area proposed for diversion the NPV value : 23.162 Ha x Rs 8.030 lakhs
= Rs. 185.990 lakhs

2) Compt. No. 1173 of Boyanapalli Beat of Badvel Range

- a) Area proposed for diversion for this Project in this part of area : 3.178 Ha
- b) Eco Class of the area : Eco Class – III
- c) Type of Forest : Southern Tropical Dry Mixed Deciduous (Dense Forests)
- d) Rate per ha for Dense Forests of Eco Class – III : Rs. 8.030 lakh per ha.
- e) For 3.178 Ha area proposed for diversion the NPV value : 3.178 Ha x Rs 8.030 lakhs
= Rs. 25.520 lakhs

3) Bunglow Bodu Locality, Jangamrajupalli Beat, Badvel Range

- a) Area proposed for diversion for this Project in this part of area : 2.680 Ha
- b) Eco Class of the area : Eco Class – III
- c) Type of Forest : Southern Tropical Dry Mixed Deciduous (Dense Forests)
- d) Rate per ha for Dense Forests of Eco Class – III : Rs. 8.030 lakh per ha.
- e) For 2.680 Ha area proposed for diversion the NPV value : 2.680 Ha x Rs 8.030 lakhs
= Rs. 21.520 lakhs

4) Compt. No. 265, 266 of Jangamrajupalli Beat of Badvel Range and Compt. No. 156 of Gangayapalli Beat of Onipenta Range.

- a) Area proposed for diversion for this Project in this part of area : 27.744 Ha
- b) Eco Class of the area : Eco Class – III
- c) Type of Forest : Southern Tropical Dry Mixed Deciduous (Dense Forests)
- d) Rate per ha for Dense Forests of Eco Class – III : Rs. 8.030 lakh per ha.
- e) For 27.744 Ha area proposed for diversion the NPV value : 27.744 Ha x Rs 8.030 lakhs = Rs. 222.784 lakhs

ABSTRACT

Sl. No.	Range	Compt. No	Total area proposed for diversion in Ha	Net present value (Rs. In lakhs)
1	Porumamilla	252 & 253	23.162	185.990
2	Badvel	1173	3.178	25.520
3	Badvel	--	2.680	21.520
4	Badvel & Onipenta	265, 266 & 156	27.744	222.784
		Total	56.764	455.814



Divisional Forest Officer
Proddatur (WL) Division