

1. DEPARTMENT : Electricity
2. (a) SECTOR : Energy
- (b) SUB-SECTOR : Power
3. SCHEME NO : 9
4. NAME OF THE SCHEME : Augmentation of DG Capacity at Teressa Island by 3x128 KVA DG sets.
5. ESTIMATED COST : Rs. 173.45 Lakhs (PL 12/96)
6. OBJECTIVE OF THE 9th FIVE YEAR PLAN :

This island is presently having a 3x50 KW old D.G. Power House to meet the local power requirements. The augmentation of DG capacity Set with associated T&D System is required to meet the growing demand in this Island. So far, the power development in this Island was done on adhoc basis. This Island have tourist potential and likely to grow in the areas of small scale industries, tourism etc. Due to scarcity of potable water sources, the administration is considering establishing desalination plants in all the remote Islands with a power requirement of 48 KW. The existing DG Sets have almost out lived and its derated capacity and its life will no longer meet the increasing demand of this Island. Hence, this D.G. augmentation scheme during 9th plan is programmed to meet the long term power requirement. The scheme has been sent to CEA for technical sanction and is under scrutiny.

7. APPROVED OUTLAY FOR THE 9th FIVE YEAR PLAN : Rs. 140.00 Lakhs

8. TARGETS PROPOSED DURING THE 9th FIVE YEAR PLAN

- i) Addition and alternation to the existing power house building by 80 Sq. Mtrs., Industrial quarters - 10 Nos.
- ii) Installation of 3x160 KVA DG Sets with associated equipments.
- iii) Installation of 2 Nos. 300 KVA, 0.4/11 KV Step up Sub-Station.
- iv) Construction of 25 Km. of 11 KV, Single circuit line with 7/2.11 MM ACSR.
- v) Construction of 8 Km. of 3 Phase 5 Wire and 6 Km. of 1 Phase 3 Wire LT Lines.
- vi) Installation of 2 Nos. 160 KVA, 2 Nos. 63 KVA, & 1 No. 25 KVA 11/0.4 KV Step down Sub-Station.
- vii) Providing of 500 Domestic/ Non-Domestic, 23 Industrial (Small and Big), and 100 Street Light Points.
- viii) Purchase of special T&P, Motor Cycle - 1 No.

9. FINANCIAL AND PHYSICAL PROGRESS FOR PREVIOUS ANNUAL PLAN :

I. Financial

		(Rs. Lakhs)		
		97-98	98-99	99-2000
Outlay	:	26.00	26.00	21.00
Expenditure	:	17.25	35.08	21.00
				(Anti.)