

1. DEPARTMENT : Electricity
2. (a) SECTOR : Energy
- (b) SUB-SECTOR : Power
3. SCHEME NO. : 26 ~~14~~ 15
4. NAME OF THE SCHEME : Augmentation of DG Capacity at Car Nicobar by 1x800 KW.
5. ESTIMATED COST : Rs. 1814.630 Lakhs

6. OBJECTIVE OF THE 9th FIVE YEAR PLAN :

A scheme namely augmentation of DG Capacity by 3x800 KW DG Set was implemented during 8th Five Year Plan after obtaining all due clearances from the competent authorities. The demand is expected to grow faster during 9th Plan period to meet the augmentation requirements of the defence establishments, which will also encourage the tribal population to set up small scale industries in this Island. Hence it is proposed to add one more 800 KW DG Set during 9th Plan. The existing AAC & ACSR conductor used in the T&D Network will also be replaced with AAAC conductor to reduce corrosion. This will bring down T&D losses in the system and better voltage regulation at end consumer terminal. The scheme is being formulated for submission to CEA for sanction.

7. APPROVED OUTLAY FOR 9th FIVE YEAR PLAN : Rs. 350.00 Lakhs

8. TARGETS PROPOSED DURING THE 9th FIVE YEAR PLAN :

I. CIVIL WORKS

- (a) Foundation for 1x1000 KVA DG Sets.
- (b) Foundation for auxillary equipment in both mechnaical & electrical annexie.
- (c) Laying of GI/HPDV pipe line from bunker facilities to storage facilities.
- (d) Construction of Store Building and Workshop Building.
- (e) Construction of Industrial Qtrs. -50 Nos.

II. MACHINERY

- (a) Installation and Commissioning of 1x1000 KVA DG Sets alongwith all accessories.
- (b) Reconductoring of 11 KV 52 kms. & LT 88 Kms. by AAAC.
- (c) Providing of Service Connection :
Domestic & Commercial - 400 Nos. & Defence bulk supply.
Industrial - 10 Nos. & Street Light - 50 Nos.