

1. DEPARTMENT : Electricity
2. (a) SECTOR : Energy
- (b) SUB-SECTOR : Power
3. SCHEME NO. : ~~15~~ 16
4. NAME OF THE SCHEME : Augmentation of DG Capacity at Great Nicobar by 1x800 KW DG Sets.
5. ESTIMATED COST : Rs. 1814.630 Lakhs.
6. OBJECTIVE OF THE 9th FIVE YEAR PLAN :

Campbell Bay, the head quarter of Great Nicobar, was electrified during 1971 by installing 3x24 KW DG Sets. The power house was augmented by installing 3x80 + 2x125 KW DG Sets during 6th Five Year Plan. The developmental activities in this island were increasing and forest and sea based industries were coming up besides the developmental activities of defence. To meet the growing demand, another scheme for 5x1000 KVA DG Sets was approved by CEA in 1989. It was advised by CEA that the scheme will be implemented in two stages. The first stage will be shifting of 2x1000 KVA Sets from Chatham Power House, Port Blair to Great Nicobar after reconditioning and second stage being the purchase/installation of 3x1000 KVA Sets with supporting system.

Presently Great Nicobar is facing power crisis with only 3x1000 KVA DG Sets. Hence it is proposed to install one more 1000 KVA DG Set during 9th Five Year Plan to meet the increasing demand. The scheme is under formulation.

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 mechanical & 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.