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NOTIFICATION

NOTIFICATION UNDER SECTION 29(2) OF THE ELECTRICAL (SUPPLY) ACT, 1948 AS AMENDED

No.B.18013/1/90-P & E, the 13th June, 1997. Whereas it is proposed to take up the following schemes relating to the establishment, construction, operation and maintenance of generating station by North Eastern Electrical Power Corporation Limited having its registered office at Brook Land Compound, Lower New Colony, P.B. No-79, Shillong-793003, Meghalaya with concurrence of the Central Electricity Authority as required under Section-31 read with Section 29 of the Electricity (Supply) Act, 1948 as amended.

Name of the Scheme :— Tuivai Hydro Electric Project (3x70MW)=
210MW Aizawl District, Mizoram.

A. SALIENT FEATURES

District :— Aizawl

River :— Tuivai

Catchment Area :— 2860 Sq. K.M.

Maximum Reservoir Level :— 405.80 M

Area to be submerged :— 1000 Ha

Submergence will effect :—

Cultivated land	:— 91 Ha	There will be no effect on forest land, villages, living houses, Church, School building, Commu- nity hall, Club House, Ponds etc. due to the creation of reservoir.
Shrubs and fallow	:— 35 Ha	
Rocky out crop	:— 90 Ha	
Wet land/open water	:— 224 Ha	
Other uses (garden)	:— 20 Ha	
Unclassified land	:— 1140 Ha	

DAM

Type	:— Rock fill Dam
Height of Dam	:— 155 M
Length of Dam at top	:— 534 M
Design discharge (Routed flood)	:— 7880 cumec at FRL.EL-404M
MDDL	:— EL 320 M
Longitude	:— 93° 12' 55" E
Latitude	:— 23° 53' 14" N

SPILLWAY

Type	:— Chute spillway with ogee crest control and radial gates.
Length	:— 491.00 M excluding stilling basin (along centre line)
No. of Bays	:— 5 nos. (each 15 M wide)

HEAD RACE TUNNEL :— 1 no. 4950 M long and 6.00 M dia.

PEN STOCK :— 1 no. 770 M long (upto Portal) and 5.20 M dia.

POWER HOUSE :—

Type :— Surface Power House.

Capacity :— 3x70 MW

Annual Generation :— 538. 74 GWH

Firm Power :— 61.50 MW

Estimated Cost :— Rs. 874. 95 crores (excluding interest during construction)

Cost of generation :— 110.23 paise per Kwh.

Commissioning schedule :— The project is likely to be commissioned within 6½ years excluding pre-construction period of 1 year.

B. BENEFITS

- 1) The direct benefit of Hydro Power Generation to the tune of 210 MW with annual generation of 538.74 GWH;
- 2) The secondary benefits like navigation, pisciculture, socio-economic development, drinking water supply, irrigation, flood control and tourism etc.

Now therefore in compliance with the section 29(2) of Electricity Supply Act 1948, as amended, (the estimate of the Capital expenditure involved, salient features and benefits likely to accrue from the proposed Tuivai Hydro Electric project, are hereby notified to the general public by publication in the official Gazette and local newspapers.

Also notice is hereby given inviting licencees and other persons interested to make representation to the North Eastern Electric Power Corporation within a period of 2(two) months from the date of publication of this notification.

This notification superseeds all other earlier notifications on this project.

By order

Dunglena,
Secretary to the Govt. of Mizoram,
Power & Electricity Department.