



KERALA STATE ELECTRICITY BOARD Ltd
(Incorporated under the Companies Act, 1956)
Registered Office: Vidyuthi Bhavanam, Pattom,
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ABSTRACT

Shut down of Sengulam Power House for execution of rectification/ replacement of penstocks of Sengulam HEP - Arranging the Rehabilitation works by the Dam Safety Wing - Sanctioned - Orders issued.

CORPORATE OFFICE (SBU-G/C)

BO (FTD)No.967/2022(DGC/AEEII/Seng.Penstock/2022)

Thiruvananthapuram,Dated: 21.12.2022

Read: 1. Note No. CE-CDSD-PLM-CE1/2022/267 dated 20.11.2022 of the Chief Engineer (Civil-Dam Safety & DRIP).
2. B.O. (FTD) No. 930/2022 (DGE/G3/Sengulam-SD/2021-22) dated 30.11.2022.
3. Note No.DGC/AEEII/Seng.Penstock/2022 dated 06.12.2022 of the Director (Generation-Civil) to the Full Time Directors (Agenda item No. 27/12/22).

ORDER

The Chief Engineer (Civil-Dam Safety & DRIP) as per note read as 1st above has reported that necessary rehabilitation measures are to be taken for improving the performance standards of age-old structures especially for hydro mechanical components of Sengulam Dam. The Rehabilitation of the hydro mechanical equipment was included as one of the activity under DRIP Phase-I as part of the rehabilitation of the project. But the activity could not be carried out as it was found during the course of execution of the works that the intake area was fully silted and the emergency gate was totally below the deposited silts. Also, the bathymetry survey conducted during 2021 reveals that the area in the immediate upstream of the dam is considerably silted up. Hence, the silt, clay & other accumulated material in the upstream of emergency gate and leading channel is to be necessarily removed for facilitating the rehabilitation of hydro mechanical components.

The matter was discussed in the Power position meeting and it was decided that,the shut down of Sengulam Power Station, for executing the activities related to replacement of penstock of the project arranged by the Chief Engineer (Civil - Construction) South, upto May 2023 can be effectively utilized for the rehabilitation of hydro mechanical components of the dam as a parallel activity. Now as per B.O read as 2nd above, sanction has been accorded for availing total shut down of Sengulam HEP when reservoir level reached 844.9 m, till 31.05.2023, for carrying out the penstock replacement works.

The Chief Engineer (Civil - Dam Safety & DRIP) has requested to accord concurrence to proceed with the rehabilitation of hydro mechanical components of Sengulam dam, by utilizing the scheduled shutdown of Sengulam Power station for replacement of Penstock of the project.

The matter was placed before the Full Time Directors as per note read as 3rd above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 13.12.2022:

Resolved to accord sanction to the Chief Engineer (Civil-Dam Safety & DRIP) for carrying out the rehabilitation works of Sengulam Dam and Appurtenant Structures including desiltation, by utilising the scheduled shut down of Sengulam Power House up to 31.05.2023 for the rectification/replacement of penstocks of Sengulam HEP.

Orders are issued accordingly.

**By Order of the
Full Time Directors**



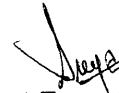
**LEKHA G
Company Secretary**

To:

The Chief Engineer (Civil - Dam Safety & DRIP)

Copy to: The Chief Engineer (IT,CR&CAPS)/ Chief Internal Auditor/ Company Secretary/
Financial Advisor/ LA&DEO/ RAO/RAO
The TA to the Chairman & Managing Director / Director (Generation-Civil)/
Director (Generation-Electrical & HRM)/ Director (Distribution, SCM & IT)/Director
(Transmission, SO, P&S)/ Director (REES, SOURA, Nilaavu Projects, S&W).
The PA to the Director (Finance).
The Sr.CA to the Secretary (Administration).
Stock File.

Forwarded / By Order



Assistant Executive Engineer