



## KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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### ABSTRACT

Kakkayam Pumping Scheme (29.488Mu) - Administrative sanction accorded - Orders issued.

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### **CORPORATE OFFICE (SBU - G/C)**

BO (FTD)No.823/2022(DGC/AEE I/Kakkayam PS/2022)

Thiruvananthapuram, Dated: 10.10.2022

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- Read: 1.Minutes of DPR Approval Committee meeting held on 13.05.2022 conducted by the Director (Finance).  
2.Remarks No. FA/Tender-I/82/2021 dated 18.12.2021 of the Financial Advisor, KSEBL.  
3.Letter No. CE(C-I&CC)/KPS/2021/213 dated 06.06.2022 of the Chief Engineer (Civil- Investigation & Construction Central).  
4.Note No. CE(C-I&CC)/KPS/2021 dated 26.08.2022 of the Chief Engineer (Civil- Investigation & Construction Central).  
5.Note No. DGC/AEE I/Kakkayam PS/2022 dated 27.09.2022 of the Director (Generation - Civil) to the Full Time Directors (Agenda 75/9/22).

### ORDER

The proposed Kakkayam Pumping Scheme aims at utilizing the inflow from Sankaranpuzha, a tributary of Kuttiyadi river which joins the main river just downstream of Kakkayam Dam. The Scheme is situated In Chakkittapara village, Koorachundu Panchayat, Koyilandy Taluk in Kozhikode District. This scheme proposes pumping of monsoon rains from the discharge of Sankaranpuzha in to the existing Kakkayam reservoir to augment power generation in Kuttiyadi Power House. The scheme requires land owned by KSEBL (3.4 ha.) and the portion of the river course (3.36 ha.) which is under the jurisdiction of Government of Kerala. No forest land is required for the Scheme.

The scheme involves construction of a weir across the Kuttiyadi river at the downstream of Kakkayam dam, upstream and downstream aprons, upstream and downstream wing walls, leading channel to pump house, construction of pump house, supply and erection of pumps, suction and delivery pipe etc. The draft DPR of the proposed project was presented before the DPR approval committee on 13.05.2022. The committee decided to revise the financial part of DPR with 4% interest rate (assuming that RIDF loan from NABARD shall be made available) and with 40 years life span of scheme. As per the decision of the DPR approval committee, the updated DPR was submitted by the Chief Engineer (Civil-Investigation & Construction Central) as per note read as 3<sup>rd</sup> above. The total project cost including IDC comes to Rs. 2572.04 lakh. The scheme is scheduled to be completed within 12 months. The payback period estimated is 2 years. The NPV & IRR values are Rs. 31845 lakh and 65.60% respectively. The average annual energy generation expected is 29.488 Mu. The levellised tariff calculated is Rs. 0.87/kwh.

The Chief Engineer (Civil-Investigation & Construction Central) as per note read as 4<sup>th</sup> above requested Administrative Sanction for "the implementation of Kakkayam Pumping Scheme (29.488 Mu)" for a total estimated cost of Rs. 2572.04 lakh (including IDC).

The matter was placed before the Full Time Directors for approval as per the note read as 5<sup>th</sup> above.

Having considered the matter in detail, the Full Time Directors in the meeting held on 28.09.2022, resolved to accord administrative sanction for the implementation of "Kakkayam Pumping Scheme (29.488 Mu)" for Rs. 2572.04 lakh (including IDC) .

Orders are issued accordingly.

**By Order of the  
Full Time Directors**

*Sd/-*

**LEKHA G  
Company Secretary**

To:

The Chief Engineer (Civil - Investigation & Construction Central)

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

Forwarded / By Order

*[Signature]*

Assistant Executive Engineer