



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

CIN: U40100KL2011SGC027424

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004 Website: www.kseb.in

Phone:(O) +91 471 2514283 E-mail: dqekseb@kseb.in

Abstract

Implementation of SCADA visibility in all Generating stations – setting up of a centralized data availability - Sanction Accorded– Orders issued.

Corporate Office (SBU-G/E)

B.O. (FTD) No. 629 /2021 (DGE/G3/Generation-SCADA/2021-22) Thiruvananthapuram dated:17-08-2021

- Read:-
1. Meeting convened on 03-08-2021 by the Director (GE&SCM)
 2. Note No.DGE/G3/ Generation-SCADA /2021-22 dated 04-08-2021 of the Director (GE & SCM)(Agenda item No.74/8/21)

ORDER

There are 15 major Hydro Electric Generating stations having total installed capacity of 1939 MW and 23 SHEPs having capacity 120MW are operational under KSEBL. Based on the meeting held on 29-07-2021 and subsequent meetings in this connection ,it was decided to implement a centralized data availability system of all generating stations.

It is proposed that the data such as machine availability, running status ,along with generation details such as MW,MVAR, MU generated etc. on real time basis shall be collected from generating stations and made available centrally, in a customized dash board to the offices of the CMD, Director(Generation-Ele & SCM) and the Chief Engineer(Generation & PED),Moolamattom through dedicated communication links. Such a centralized real time monitoring facility will help to update the top Management, the real time data and overall status of the Generating stations.

In order to take stock of the available infrastructure for capturing data from the generating stations and to explore the possibility of utilizing this in the required form in setting up a centralized digitized platform ,a meeting was held on 03-08-2021 with the officers from various wings of KSEBL. In the meeting, it was informed about the availability of real time data of all the major generating stations with generation capacity 10 MW and above in the Load dispatch center at Kalamassery which can be utilized for the proposed system with suitable workaround. The data from the remaining generating stations, not captured at present ,can be made available in LD system by installing required field devices, transmitted over suitable communication channel feasible to that location. Also suggested to carry out a field survey in those stations to finalise the feasibility of communication network ,data availability etc. and as per the survey report RFP shall be prepared for the implementation of the proposed system.

The matter was placed before the Full Time Directors as per note read as 2nd above. Having considered the matter in detail, the Full Time Directors meeting held on 12-08-2021, resolved to accord sanction to set up a centralized digitized platform for providing the data of all Generating stations in a customized dash board to the Offices of CMD, Director (Generation-Ele. & SCM) and the Chief Engineer(Generation & PED), through dedicated communication links and also in a Mobile App.

Further, resolved to authorize the Chief Engineer (Generation & PED) to invite RFP for setting up of this digitized platform, based on the field survey in a month.

Orders are issued accordingly.

By Order of the Full Time Directors,
Sd/-
(LEKHA.G)
Company Secretary
(In -charge.)

To:

The Chief Engineer (Generation & PED), Moolamattom.

Copy to:

The Chief Internal Auditor/Company Secretary

The TA to CMD/D(GE&SCM)/ D(T&SO)/ D(DIT&HRM)/D(GC)/D(PS& REES)

The Fair copy Superintendent/Library/Stock File

Forwarded / By Order
Asst. Executive Engineer