



## KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Reg.Office: Vydyuthi Bhavanam, Pattom, Thiruvananthapuram – 695 004

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### ABSTRACT

Introduction of indigenously developed Mobile App for real time monitoring of grid- Award of Good Service Entry– Approved - Orders issued.

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#### Corporate Office(SBU-T)

B.O.(FTD)No. 311 /2021/D(T&SO)/T4/SO/Appreciation-Mobile App/21-22 dated Tvpm 05.05.2021

- Read : 1. Note No. CESO/LD/General/2020-21/403 dated 23.05.2020 of the Chief Engineer(Transmission System Operation).
2. Note No. D (T&SO) / T4 / SO/ Appreciation- Mobile App/21-22/5 dated 29.04.2021 of the Director(T&SO) to the Full Time Directors (Agenda : 87/4/21).

### ORDER

The Chief Engineer (Transmission System Operation) as per note read as 1<sup>st</sup> above reported that the mobile application for real time monitoring was developed indigenously by the officers of the System Operation wing. The Chief Engineer has provided the details as below:-

- The real time challenges in weather, consumption pattern & system parameters like demand, generation, outages, reservoir levels etc have to be monitored by the DISCOMs to rework the LGB (Load Generation Balance )and to take decision on sale, surrender, purchase , availing of URS (Un Requisitioned Surplus) etc. This in turn will help the utility to meet the availability on one side while economically reducing the cost of power. A close coordination between the wings dealing with market operation, LGB finalization, forecasting and operation/shift are needed for taking appropriate decision at various levels. For such coordination to be possible, system parameters are to be made available to the concerned officers in real time in appropriate format to monitor situations, take decisions and to administer operation.
- A group of officers under Grid management were entrusted with the task of identifying the requirements , developing appropriate software applications and hardware set up, integration of the applications with the existing sources etc.
- The team successfully developed the web based SLDC mobile application which could capture all the salient details pertaining to the real time system operation of Kerala SLDC, thus making the data available to all the concerned officials for more efficient load despatching.

It is also reported that the following officers were directly involved in the implementation of the

mobile application and had contributed to the successful development of the package.

Sl No.	Name & Designation	Role	Office
1	Ajith S, Assistant Executive Engineer	Design & implementation of IT systems including software development	O/o Chief Engineer (TSO)
2	Gertrude K G , Assistant Executive Engineer, Market Operations	Specification requirements, identification and fixing of various sources of data and updation coordination and interface management	O/o Chief Engineer(TSO)
3	Varsha Mohan, Assistant Engineer	Specification requirements, identification and fixing of various sources of data and updation coordination and interface management	State load despatch Centre, Kalamassery

The Chief Engineer (Transmission System Operation) recommended " Good Service " entry in the service records of the above officers as a token of appreciation for the roles played by them and to keep them motivated.

The matter was placed before Full Time Directors as per note read 2 above

Having considered the above, the Full Time Directors, in the meeting held on 30.04.2021 resolved to award Good Service Entry to the following officers under the System Operation wing as a token of appreciation, for successfully developing the Web based SLDC Mobile Application which captures all the salient details pertaining to the real time system operation of Kerala SLDC.

Sl. No.	Employee code	Name	Designation
1	1058743	Ajith S	Assistant Executive Engineer(Ele)
2	1046682	Gertrude K G	Assistant Executive Engineer(Ele)
3	1066493	Varsha Mohan	Assistant Engineer(Ele)

Orders are issued accordingly.

By Order of the Full Time Directors  
Sd/-  
Lekha G.  
Company Secretary (In- Charge)

To :

The Chief Engineer (TSO)  
The Chief Engineer, HRM  
Sri. Ajith S, AEE, O/o Chief Engineer (TSO)  
Smt. Gertrude K G, AEE, O/o Chief Engineer (TSO)  
Smt. Varsha Mohan, AE, SLDC, Kalamassery

Copy to:

The Deputy Chief Engineer(IT)  
The Financial Adviser/ The Chief Internal Auditor.  
The RCAO/ RAO.  
The TA to Chairman & MD/ D(T&SO)/ D(D, IT&HRM)/ D(G-C)/ D(G-E& SCM)  
The PA to Director (Finance)/CA to Company Secretary  
Fair Copy Superintendent/Library/Stock File.

Forwarded / By Order



Assistant Executive Engineer