



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Indian Companies Act, 1956) CIN:U40100KL2011SGC027424
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Abstract

Monitoring progress of Flag Ship Projects – establishing an effective mechanism - Sanctioned – Orders issued

Corporate Office (Corporate Planning)

B. O (FTD) No. 638 /2019 (CP/Plg.III/Flag Ship Projects /2019) Dated, TVPM 21.08.2019

Read: Note No CP/Plg.III/Flag Ship Projects/2019 dated 14.08.2019 of Deputy Chief Engineer (Commercial & Planning) with full powers of Chief Engineer (Agenda No 47/8/19)

ORDER

At present KSEB Ltd has taken up endeavours/ comprehensive schemes like the Oorjja Kerala Mission – in which 5 different projects are covered and also projects like setting up of eV charging stations, K-FON, ERP etc with stringent timelines.

Oorjja Kerala Mission: In July, 2018, the Government of Kerala announced five flagship projects for renaissance of the energy sector in Kerala. **Dyuthi 2021** is aiming revamping of the Distribution Network of KSEB Ltd to achieve global standards. Delay in project finalisation and DPR preparation and the requirement of prioritizing time critical Central Projects and the unprecedented flood during August 2018 have seriously affected the project execution. The Central Project Monitoring Cell headed by Deputy Chief Engineer is now coordinating the project implementation from Corporate Office. The Deputy Chief Engineer (C&P) with full powers of Chief Engineer, in the note read above has pointed out the need of an exclusive mechanism for driving the project at the execution level. At present the progress in implementation of works, despite providing adequate materials, is not satisfactory. It is suggested that if a nodal officer is assigned exclusive responsibility of coordinating the field level activities, it would give encouraging results. It was also pointed out that such a nodal officer driven mechanism had a positive impact in successful completion of the Total Electrification Project. **TransGrid 2.0** aims in strengthening transmission network, increasing the transformation capacity and reducing transmission loss. The works are divided into 2 phases and planned to be executed in 5 year time period. The total financial outlay including downstream 110kV lines and substations is ₹10,000 Crore. Through **SAURA**, KSEB Ltd is planning addition of 1000 MWp Solar PV plants to the Kerala Grid in the next three years. In **Filament free Kerala** project, replacement of existing CFL and filament Bulbs with energy efficient and durable LED lamps in domestic and street lighting sector is being attempted. Though the registration for LED lamps were permitted through different options, the total requirement for LED bulbs as on 31.07.2019 is only 1.05 Crore. New strategies may have to be evolved for realising the target of 7 Crore. **eSafe** under Oorjja Kerala mission is to ensure safety in electrical field.

Setting of eV charging infrastructure: The State Government has assigned KSEB Ltd the role of State Nodal Agency for setting up eV charging infrastructure. Being a project in the evolving stage, close monitoring and strategy corrections as and when required are required.

K-FON: The Government of Kerala had launched Kerala Fiber Optic Network (K-FON) project to create fiber optic network throughout Kerala to provide cost effective internet connection to 30,000 Govt offices and educational institutions, free internet access to 20 lakh BPL families and also to provide non-discriminatory access to ISPs / telecom Operators to provide quality and affordable internet services to the citizens. Estimated cost of the project is ₹1,028 Crore. The project is to be completed in FY 2022.

ERP: Legacy softwares used for Human Resource Management (HRIS), Supply Chain Management (SCM) and accounting (SARAS) are now being replaced with Open Source based ERP package. The project is in initial stage now. Timely completion of the project is very important for KSEB Ltd.

Communicative Fault Pass Detector (CFPD) and its GIS Integration: The employees of KSEB Ltd designed and engineered a low cost contact free device which could identify the faulty segments and communicate the details to a central server. Project Dyuthi 2021 envisages installation of more than 16,000 CFPDs in the distribution system. Board has already decided to produce the CFPDs in-house; however mass production is remaining a challenge.

The Deputy Chief Engineer (C&P) with full powers of Chief Engineer, in his note read as 1st paper pointed out that the above mentioned projects are time critical – most of which are having target dates in 2020-21. These projects are handled by different offices; in some cases there are even external project partners. Moreover, for seamless implementation in all these projects KSEB Ltd will have to share its own resources effectively. In projects in implementation stage (like Dyuthi 2021), which spread across the state, close interaction at field level will be vital for providing proactive solutions. It was further pointed out that during the implementation of Total Electrification Project, there has been quantum improvement in the pace when KSEB Ltd had appointed a Nodal Officer exclusively for tackling many issues at field.

It was suggested to constitute a High Level Steering Committee for monitoring the progress of all high stake and time critical projects; respective project heads may attend the review. It was also recommended that a centrally located project monitoring division will be appropriate for frequent field visits and close interaction with field level officers. The places of this monitoring division may be filled through deployment to minimize the financial commitment.

The Deputy Chief Engineer (C&P) further suggested that each of the projects being reviewed by High Level Steering Committee may have a Designated Nodal Officer who will be responsible for progress reporting at desired intervals to the Secretariat to the Steering Committee.

The meeting of the Full Time Directors, held on 16.08.2019, discussed the matter in detail and Resolved to accord sanction for the following:–

1. To constitute a High Level Steering Committee (HLSC) with following members for monitoring the progress of all high stake and time critical projects like Dyuthi 2021, TransGrid 2.0, Saura, Filament Free Kerala, eSafe, Setting up of EVSE, K-FON, ERP & mass production of CFPDs.

Chairman & Managing Director	- Chairperson of the HLSC
Directors (D& IT) / (T&SO) / (CP, SCM & Safety)	- Members
Heads of SCM, Planning & IT wings	- Members

The Committee may review the progress of the high stake projects on regular basis as desired by the Chair (preferably on monthly basis initially and fortnightly towards the project deadline). Head of the IT wing will be the Convener of the Committee

2. To assign the role of Secretariat to the Steering Committee to the Office of the Deputy Chief Engineer (CPMC) which will be responsible to prepare fortnightly progress report and submit to the Committee latest by 5th working day (progress as on last day of the previous month) and on 20th calendar day of the month (progress as on 15th of the month).
3. To constitute a Dyuthi Project Monitoring Division (DPMD) with Head Quarters at Ernakulam with sanctioned staff strength of One Executive Engineer (Ele), one Asst Exe Engineer (Ele) and one Sub Engineer (Ele) and the places are to be filled through deployment.
4. To shift the places of Executive Engineer in the O/o the Chief Engineer (Distribution North), one Asst Executive Engineer in the Central Project Monitoring Cell and one Sub Engineer in APDRP Division, Ernakulam to DPMD.
5. To entrust the Deputy Chief Engineer, Electrical Circle (Ernakulam) to provide the office accommodation, necessary computer systems with internet connectivity and a vehicle with a travel limit of 2000 km per month for DPMD
6. To entrust the Deputy Chief Engineer, System Operations Circle, Thiruvananthapuram to shift unutilized CUGs to the Executive Engineer & Asst Exe Engineer of DPMD.
7. To assign Nodal Officers for each of the projects being reviewed by High Level Steering Committee. The designated officer will be responsible for progress reporting at desired intervals to the office of the Deputy Chief Engineer (CPMC) which is to function as the Secretariat to the Steering Committee.
8. To designate the following officers as nodal officers for the respective projects –

Executive Engineer, DPMD

Sri Biju Raj R, AEE O/o Director (D&IT)

Sri Lathish PV, AEE, IT Sub Unit, Kannur

Sri Babyjohn, AEE, O/o the Director (T&SO)

Sri Manoj B Nair, AEE (Planning)

Sri Nandakumar N, AE, O/o DyCE ESCO

Dyuthi 2021

Filament Free Kerala, eSafe & CFPD

K-FON & ERP

TransGrid 2.0

eV Charging Station

Saura

The officers shall perform their duties as Nodal Officers in addition to their normal duties.
Orders are issued accordingly.

By order of the Full Time Directors

Sd/-

Lekha G

Company Secretary – in Charge

To The TA to Chairman & Managing Director

The TA to Director (D&IT) / (CP,SCM, Gen-Ele & Safety) / (T&SO) / (HRM & Gen-Civil)

Chief Engineers (SCM) / (IT & CR) / Deputy Chief Engineer (C&P) with full powers of CE

Chief Engineer (HRM) / (REES) / (TransGrid) / Chief Safety Commissioner

Deputy Chief Engineer (CPMC) / System Operations Circle, Thiruvananthapuram / State Nodal Officer (Saura) / Electrical Circle, Palakkad

Sri Krishnadas PV, Deputy Chief Engineer, Transmission Circle, Palakkad

Executive Engineer, DPMD - Nodal officer for Dyuthi 2021

Sri Biju Raj R, AEE O/o Director (D&IT) - Nodal officer for Filament Free Kerala, eSafe & CFPD

Sri Lathish PV, AEE, IT Sub Unit, Kannur - Nodal officer for K-FON & ERP

Sri Babyjohn, AEE, O/o the Director (T&SO) - Nodal officer for TransGrid 2.0

Sri Manoj B Nair, AEE (Planning) - Nodal officer for eV Charging Station

Sri Nandakumar N,AE, O/o DyCE ESCO - Nodal officer for Saura

Copy to:

All Chief Engineers (Distribution & Transmission)

Financial Adviser / the Legal Advisor & Disciplinary Enquiry Officer

The Chief PRO / The RAO/ECA / Customer Care Manager, CCC

Deputy Chief Engineers, Electrical Circles / Executive Engineers, PMU

The Legal Liaison Officer

The PA to Director (Finance) / Senior C.A. to Secretary (Administration)

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Forwarded/By Order



Assistant Executive Engineer