

ವಿದ್ಯುತ್ ಉಳಿಸಲು ಸಾಫ್ಟ್‌ವೇರ್ ಆಧಾರಿತ ವ್ಯವಸ್ಥೆ ಅನುಷ್ಠಾನ ಬೀದಿದೀಪಕ್ಕೆನ್ನು ಒಂದೇ ಸ್ವಿಚ್!

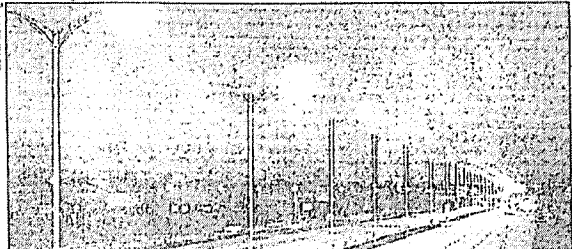
ಗ. ಬೆಂಗಳೂರು ಪರಿಶಿಷ್ಟ ಬೆಂಗಳೂರು

ವಾತ್ಸ, ಹಾಗೂ ವಿದ್ಯುತ್ ಉಳಿಸುವ ಬೀದಿದೀಪಗಳಿಗಾಗಿ ವಿದ್ಯುತ್ ಸೋಲನ್ನು ತಡೆಯಲು ಮುಂದಾಗಿಯೇ ವಾತ್ಸ, ಸರ್ಕಾರ ಸಾಫ್ಟ್ ವೇರ್ ಆಧಾರಿತ ಕೇಂದ್ರೀಕೃತ ನಿರೀಕ್ಷಣಾ ಮತ್ತು

ವಿಜಯವಾಣಿ ವಿಶ್ವೇಷ

» ಬೀದಿದೀಪಗಳಿಗೆ ಎಲ್‌ಇಡಿ ಬಲ್ಬ್‌ಗಳ ಅಳವಡಿಕೆ
 » ಬೆಂಗಳೂರು ಸೇರಿ 10 ಜಿಲ್ಲೆಗಳಲ್ಲಿ ಪ್ರಾಯೋಗಿಕ ಜಾರಿ
 » ಶೇ.50 ವಿದ್ಯುತ್, 60 ಕೋಟಿ ರೂ. ಬೋಧಿಸಿ ಸುಳಿತಾಯ ನಿರೀಕ್ಷೆ
ಎಲ್ಲೆಲ್ಲಿ ಜಾರಿ
 (ಪ್ರಾಯೋಗಿಕ)
 ಬೆಂಗಳೂರು, ಹುಬ್ಬಳ್ಳಿ, ಧಾರವಾಡ, ಶಿವಮೊಗ್ಗ, ಮೈಸೂರು, ಕುಮಟೂರು, ಮಂಗಳೂರು, ವಿಜಯಪುರ, ಕಲಬುರಗಿ, ಬಳ್ಳಾರಿ
 ಅಂದಾಜು 130 ಕೋಟಿ ರೂ. ಖರ್ಚಾಗುತ್ತಿದೆ. ಹೊಸ ಕೇಂದ್ರೀಕೃತ ಯೋಜನೆಯಡಿ ಅತಿ ಹೆಚ್ಚು ವಿದ್ಯುತ್ ಉಳಿಸುವ ಯೋಜನೆ. ಪ್ಯಾರಾಮೀಟರ್ ಹಾಗೂ ಮಲ್ಟಿಪ್ಲಿ ರಿಪೋರ್ಟ್‌ಗಳನ್ನು ತೆಗೆದು ಬಿಲ್ಡ್‌ಮೆಂಟ್ ಅಳವಡಿಸಲಾಗುತ್ತದೆ. ಸ್ವಯಂಚಾಲಿತ ನಿರ್ವಹಣೆಯಿಂದ ಶೇ.50 ವಿದ್ಯುತ್ ಹಾಗೂ ಬೋಧಿಸಿ 60 ಕೋಟಿ ರೂ. ಉಳಿತಾಯವಾಗಲಿದೆ.

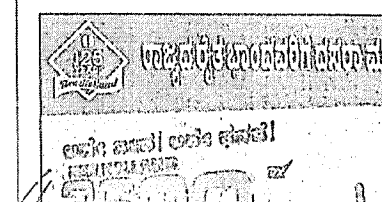
ಮೇಲ್ವಿಚಾರಣಾ ವ್ಯವಸ್ಥೆ (ಪಿ.ಸಿ.ಎಂ.ಎಸ್) ಜಾರಿಗೆ ತರುವಾಗಲೇ ಒಂದೇ ಕಡೆ ಕುಳಿತು ಇಡೀ ನಗರದ ಎಲ್ಲ ದೀಪಗಳನ್ನು ಏಕಕಾಲದಲ್ಲಿ ಬೆಳಗಿಸುವ ಈ ವ್ಯವಸ್ಥೆ ಬೆಂಗಳೂರು ಸೇರಿದಂತೆ 10 ಜಿಲ್ಲೆಗಳಲ್ಲಿ ಪ್ರಾಯೋಗಿಕವಾಗಿ ಜಾರಿಯಾಗಲಿದೆ.
 ಹೊಸ ಯೋಜನೆಯಿಂದ ಶೇ.50 ವಿದ್ಯುತ್ ಹಾಗೂ ಬೋಧಿಸಿ 60 ಕೋಟಿ ರೂ. ಉಳಿತಾಯವಾಗುವ ನಿರೀಕ್ಷೆ ಇದೆ. ಪ್ರಾಯೋಗಿಕವಾಗಿ ಜಾರಿಯಾಗುವ ಜಿಲ್ಲೆಗಳಲ್ಲಿ ಯೋಜನೆಯ ಸಾರ್ವಜನಿಕ ಬಾಡಿಗೆಯನ್ನು ಮುಂದಿನ ದಿನಗಳಲ್ಲಿ ಯೋಜನೆ ನಿರ್ವಹಿಸಲು ಸರ್ಕಾರ ತೀರ್ಮಾನಿಸಿದೆ.
 ಹೆಚ್ಚಿನ ಸೂಚನೆ: ಮಹಾನಗರ ಪಾಲಿಕೆಗಳು ಹಾಗೂ ನಗರಪಾಲಿಕೆ ವಾತ್ಸಿಯಲ್ಲಿ ಸೇರಿದಂತೆ, ಪ್ಯಾರಾಮೀಟರ್ ಹಾಗೂ ಮಲ್ಟಿಪ್ಲಿ ರಿಪೋರ್ಟ್‌ಗಳನ್ನು ಅಳವಡಿಸಲಾಗಿದೆ. ಕೆಲವೆಡೆ ಸ್ವಿಚ್ ಪಾಯಿಂಟ್‌ಗಳು ಕಟ್ಟಿ ಹೋಗಿವೆ. ಸ್ವಯಂಚಾಲಿತವಾಗಿ ಹಾಗೂ ವಿದ್ಯುತ್ ಉಳಿಸುವ ಯೋಜನೆಯ ಕುರಿತು ಮಾಹಿತಿಗಾಗಿ ನಿರ್ವಹಣೆ ಸಮರ್ಪಕವಾಗಿದೆ. ಕೆಲವೆಡೆ ಅನಗತ್ಯವಾಗಿ ವಿದ್ಯುತ್ ದೀಪ ಅಳವಡಿಸಲಾಗಿದೆ. ಇದರಿಂದ ಅಪಾರ ಪ್ರಮಾಣದ ವಿದ್ಯುತ್ ಬಿಲ್ಡ್ ಹಾಗೂ ನಿರ್ವಹಣಾ ವೆಚ್ಚ ಸೇರಿ



ಶಿವಮೊಗ್ಗ ಸರ್ಕಾರಿ ಕಾಲೇಜು

ಸ್ವಿಚ್ ಪಾಯಿಂಟ್ ಇಲ್ಲ
 ರೆಬ್ಬು ಟ್ಯಾಪ್ ಇರುವ ಪ್ರದೇಶಗಳಲ್ಲಿ ಇನ್ನೂ ಪ್ರಮಾಣದ ಬೆಳಕು ಇರಲೇಕೆಂಬ ನಿರೀಕ್ಷಿಸಿದೆ. ಸೋಡಿಯಂ ಲೈಟ್ ಹಾಗೂ ಟ್ಯಾಪ್ ಲೈಟ್ ಇರುವುದರಿಂದ ವಿದ್ಯುತ್ ಬಿಲ್ಡ್ ಹೆಚ್ಚಿ ಬರಲಿದೆ. ಕೆಲವೆಡೆ ಅನಗತ್ಯಕೆ ಮೀರಿ ಲೈಟ್‌ಗಳಿವೆ. ಕೆಲವೆಡೆ ದುರಸ್ತಿ ಆಗುತ್ತಿವೆ. ಈ ಸ್ಥಾನಕ್ಕೆ ಸರಿಪಡಿಸಲು ಲೈಟ್ ಮ್ಯಾನ್ಯುಯಲ್ ಹಾಗೂ ಸ್ವಾಚ್ಛ ಸ್ವಿಚ್ ಸೇರಿ 4 ಗುರಿಗಿದಾರದ ಸಹಾಯದಲ್ಲೇ ಈ ಯೋಜನೆ ಜಾರಿಗೆ ತರಲಾಗಿದೆ. ಅಯೋಜನೆಯಲ್ಲಿ ಎಷ್ಟು ಬೀದಿದೀಪಗಳಿವೆ, ಎಷ್ಟು ದೀಪಗಳು ಕೆಲಸ ಮಾಡುತ್ತಿವೆ, ಎಷ್ಟು ದುರಸ್ತಿಗೊಳಿಸಿ ಹಾಗೂ ಅನಗತ್ಯವಾಗಿ ಎಷ್ಟು ವಿದ್ಯುತ್ ಖರ್ಚಾಗುತ್ತಿದೆ ಎಂಬುದನ್ನು ಸೇರಿ ಎಲ್ಲವನ್ನೂ ಸರಿಪಡಿಸಿ ಎಲ್‌ಇಡಿ ಲೈಟ್ ಅಳವಡಿಸಲಾಗುತ್ತದೆ. ಹೊಸ ವ್ಯವಸ್ಥೆ ಅಳವಡಿಸಿದ ಬಳಿಕ ಸ್ವಿಚ್ ಪಾಯಿಂಟ್ ಗಳು ಇರುವುದಿಲ್ಲ ಎಂದೂ ಇಲಾಖೆ ಅಧಿಕಾರಿಗಳು ತಿಳಿಸಿದ್ದಾರೆ.

ಅವಮದಾಪಾಪ್, ಬೆಂಗಳೂರು ವಿಶಾಖಾಪುರದಲ್ಲಿ ಯೋಜನೆ ಅನುಷ್ಠಾನಗೊಳಿಸಲಾಗಿದೆ. ಮುಂಬರುವ ದಿನಗಳಲ್ಲಿ ಬೀದಿದೀಪ ವ್ಯವಸ್ಥೆ ಬದಲಾವಣೆಗೆ ಪಾಲಿಕೆ ಅಥವಾ ಸರ್ಕಾರದ ಪ್ರತಿ ಯೋಜನೆ ಮಾಡುವುದಿಲ್ಲ. ಬದಲಾಗಿ ಬಾವಿಗಿ ನೆರವಾಗಿಸಿ (ಪಿ.ಸಿ.ಎಂ.ಎಸ್) ವ್ಯವಸ್ಥೆಯಲ್ಲಿ ಗುರಿಗಿದಾರ ಕಂಪನಿಯೇ ಎಲ್‌ಇಡಿ ಬಲ್ಬ್ ಖರೀದಿಯನ್ನು ಮಾಡಲಾಗಿದೆ. ಎಲ್‌ಇಡಿ ಅಳವಡಿಸಿದಂತೆ ಪ್ರತಿ ತಿಂಗಳು ಉಳಿತಾಯವಾಗುವ ವಿದ್ಯುತ್ ಬಿಲ್ಡ್ ಅನ್ನು ಸರ್ಕಾರವೇ ಗುರಿಗಿದಾರರಿಗೆ ನೀಡಲಾಗಿ ಪಾವತಿಸಲಿದೆ. ಜತೆಗೆ, ಗುರಿಗಿದಾರ ಕಂಪನಿಯೇ ನಿರ್ವಹಣೆ ಮಾಡಲಿದೆ.



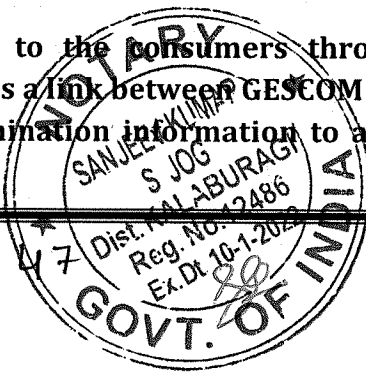
2.7. Directive on Load Shedding:

Commission's Views:

The Commission notes that the GESCOM has not taken up any kind of initiative towards the utilisation of 'application software' for integration with the SCADA data to provide information to the consumers through SMS in advance about the time and duration of probable interruptions.

The Commission directs GESCOM to expedite the use of "URJA MITRA", the mobile based and web based application, developed and deployed by the RECTPCL under the initiative of Ministry of Power for the benefit of all ESCOMs across the country. If the base data required by the application is updated in the database of the application, it would equip GESCOM to provide the information of scheduled and unscheduled power outages, emergency outages, restoration time, power outage extension time, etc., due to reasons such as system constraints, breakdowns of lines

/equipment, maintenance etc., to the consumers through SMS. 'Urjamitra' mobile application can be used as a link between GESCOM field staff and citizens for facilitation of outgoing information to all consumers through



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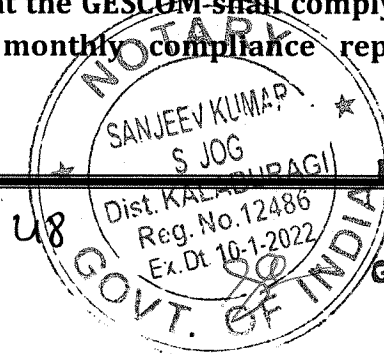
SMS. The cost involved for dissemination of SMS is also borne by the RECTPCL for the time being. The application can also be integrated with any other system. This would significantly address the "consumers' dissatisfaction" on this issue and prevent inconvenience / disruption caused to the consumers especially the industrial consumers. GESCOM can also save money required for development of similar software.

Further, the Commission has noted with concern that, the number as well as the duration of interruptions are increasing, causing inconvenience to the consumers. The Commission notes that, even though the power availability has improved resulting in surplus power situation, the distribution network reliability has not similarly improved, causing frequent disruptions in power supply, which causes hardship to the consumers and also revenue loss to the GESCOM. The Commission directs GESCOM to take remedial measures to minimize power supply interruptions and ensure 24 x 7 power supply. GESCOM shall submit the action plan in this regard to the Commission within 3-months of this Order.

Further, the Commission considers that one of the main reason for power disruption is the failure of the Distribution Transformers. As per the SoP (Indicative Maximum time limit for rendering service) set by the Commission, the GESCOM is required to restore power supply affected due to DTC failure within 24 Hours in City and Town areas and within 72 Hours in Rural areas. However, during the public hearing the consumers have complained that the GESCOM is not adhering to the SoP fixed by the Commission and that the field officers are not attending to minor faults and are taking longer time for restoring power supply. It is further noted that, lack of regular maintenance and poor quality of repairs also have contributed to the increase in number of failures of Distribution Transformers. Hence, the Commission directs GESCOM to conduct orientation programmes / workshops to the field staff to equip and motivate them to attend to the minor faults at site itself wherever possible and restore power supply as early as possible. GESCOM is also directed to take action for effective monitoring and supervision by periodical maintenance and repairs of transformers and fix personal responsibility on the erring staff / officer in case of poor maintenance and poor quality of repairs.

Further, the Commission observes that despite directions to do so, GESCOM is not submitting its projections of availability and demand for power and any unavoidable load shedding for every succeeding month in the last week of the preceding month to the Commission regularly. The GESCOM is directed to submit the same regularly to the Commission without fail.

The Commission reiterates that the GESCOM shall comply with the directive on load shedding and submit monthly compliance reports thereon to the Commission regularly.

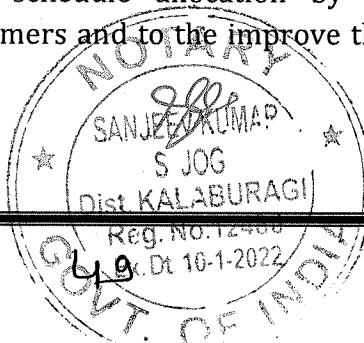


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Compliance of the GESCOM:

The GESCOM has noted the Hon'ble Commissions views in the Tariff order-2019 and Tariff Order-2020,

- ❖ O&M Divisions are issuing the notification regarding load shedding/ power supply foreseen interruption to carry out the scheduled maintenance / new work in Daily News paper.
- ❖ As per requirement of 220KV Stations GESCOM is submitting the block wise day ahead requirement of power and energy on seasonal condition to the SLDC Bangalore through e-mail. Inturn everyday SLDC will issue availability of power & energy one day in advance for GESCOM. Accordingly re-scheduling of power & energy will be done at 220 KV level Receiving Stations.
- ❖ Whenever there is loss of generation, SLDC will intimate GESCOM for restricting the load. Accordingly GESCOM will restrict the load based on the real time schedule given by the SLDC. The load will be restricted based on the 220KV R/S wise percentage of allocation chart and by communicating all the substations and the concerned nodal officers for proper monitoring of power supply timings in batches with intimation to the concerned sub-division officers.
- ❖ Whenever advance intimation received by the SLDC regarding generation loss, in that case information will be given to the high yielding consumers such as HT & EHT installations.
- ❖ For other reasons foreseen and unforeseen interruption taken by divisions on daily basis & intimated to consumers through URJA MITRA App.
- ❖ As per the chart the load shedding is being carried out in all the Sub-station/Feeders by maintaining load shedding chart in batches with category wise feeders by strictly monitoring by the concerned nodal officers to avoid frequent load shedding of the same Sub-stations/Feeders depending on rotation basis (At present in GESCOM area there is no load shedding).
- ❖ GESCOM is reviewing the availability of power with respect to the projected demand for every month in the last week of the previous month and forecast any unavoidable load shedding.
- ❖ Compliance by GESCOM: GESCOM is submitting feeder wise interruption details such as, No. of interruption and duration of scheduled & unscheduled interruption to KERC every month. The GESCOM is taking all possible measures, based on the real time schedule allocation by SLDC to minimize the inconvenience to the consumers and to the improve the quality & reliability of power supply.



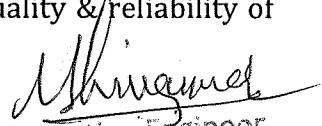

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Table-15

GESCOM has updated the data base by use making use of URJA Mitra App., and the progress of updation of the consumer data is about 225318

Urja Mitra Details as on 01-10-2020	
Name of the Division	Total Consumers data uploaded in Urja Mitra Portal
KALABURAGI URBAN	145437
KALABURAGI DIVISION 1	180629
KALABURAGI DIVISION 2	111448
SEDAM	102055
YADGIR	157076
BIDAR	200101
HUMNABAD	136948
BALLARI URBAN	81784
BALLARI RURAL	145842
HOSPET URBAN	66218
H.B.HALLI	250877
RAICHUR URBAN	75347
RAICHUR RURAL	131415
SINDHANUR	176099
KOPPAL	186734
GANGAVATHI	110309
Grand Total	2258319

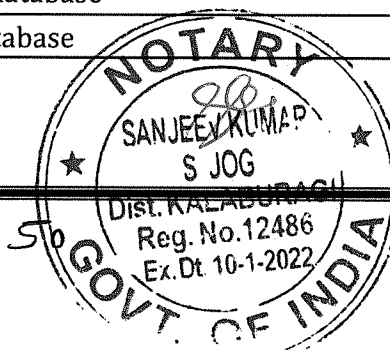
Urja Mitra mobile app has been introduced in GESCOM and about 22.58 Lakhs consumers have been benefited by this app in knowing the scheduled outages and other issue related to power supply. Central Govt has ranked GESCOM 3rd among all DISCOMs at the national level in usage of Urja Mitra portal in October-2019.

GESCOM has taken remedies to minimize power supply interruptions and presently the Reliability Index is 98.65% during the month of August-2020.

GESCOM is only ESCOM having 31 nos of transformer repair centre. GESCOM has adhered as per SOP and SAKALA to replace the failed DTC within 24 hours in cities and 72 hours in rural areas.

Table-16

Note: - For 24Hrs -3Ph (Urban, IND, WS & NJY : 1072 Feeders), (For 7 Hrs 3-Ph : 9 EIP Feeders & 81 Rural feeders) & (for 9Hrs single phase 81 Rural feeders)		
1	Software used for Emanating Interruption Messages to Consumers	URJA MITRA / ANY other - Details in %
	Consumer mobile number updated in the database	77.20
	Data of feeders updated in the database	100.00
	Data of DTCs updated in the database	83.50



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GESCOM is intimating its consumers about the foreseen & unforeseen interruption through Urja Mitra mobile app.

ಸಿಬಿಆರ್‌ಸಿಎಲ್‌ನಲ್ಲಿ
ಸುಖಾಂತರಾಜ್‌ನಲ್ಲಿ

ಕರ ಬಂದಿದ್ದು ಮಾತಾಡುತ್ತ ಹೊರ
ಹೋಗಿದ್ದ ಈ ವ್ಯಕ್ತಿ ಕಾಣೆಯಾಗಿದ್ದರು.

ತನಿಖೆ ಪ್ರಗತಿಯಲ್ಲಿದೆ ಎಂದು ಸಿಪಿಬಿ
ಶಂಕರಗೌಡ ಪಾಟೀಲ ತಿಳಿಸಿದ್ದಾರೆ.

ಬಿಲ್ ಪಾವತಿಗೆ ಕಚೇರಿಗೆ ಎಡತಾಕುವ ಅಗತ್ಯವಿಲ್ಲ ಜೆಸ್ಸಾಂ ಗ್ರಾಹಕರಿಗೆ ಮೊಬೈಲ್ ಆಪ್

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

7/11/2020



ಕಲಬುರ್ಗಿ: ಇಲ್ಲಿನ ಗುಲಬರ್ಗಾ
ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ
(ಜೆಸ್ಸಾಂ) ಯು ತನ್ನ ಗ್ರಾಹಕರಿಗಾಗಿ
ಡಿಸೆಂಬರ್ ಅಂತ್ಯದೊಳಗಾಗಿ ಮೊಬೈಲ್
ಅಪ್ಲಿಕೇಶನ್ ಅಭಿವೃದ್ಧಿಪಡಿಸಲು
ನಿರ್ಧರಿಸಿದೆ.

ಇದರಿಂದಾಗಿ ಬಿಲ್ ಪಾವತಿ,
ಮೀಟರ್‌ನಲ್ಲಿನ ದೋಷ, ವಿದ್ಯುತ್
ವ್ಯತ್ಯಯದ ಬಗ್ಗೆ ವಿಚಾರಿಸಲು ಕಚೇರಿಗೆ
ಹೋಗುವ ಅಗತ್ಯ ಇರುವುದಿಲ್ಲ.
ಅಪ್ಲಿಕೇಶನ್ ಅಭಿವೃದ್ಧಿಗಾಗಿ ವಿವಿಧ
ಸಾಫ್ಟ್‌ವೇರ್ ಕಂಪನಿಗಳನ್ನು
ಸಂಪರ್ಕಿಸಲು ಮುಂದಾಗಿರುವ ಜೆಸ್ಸಾಂ
ಶೀಘ್ರ ಈ ಸಂಬಂಧ ಟೆಂಡರ್ ಕರೆಯಲಿದೆ
ಎಂದು ಜೆಸ್ಸಾಂ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕ
ರಾಹುಲ್ ಪಾಂಡೆ ತಿಳಿಸಿದ್ದಾರೆ.

ಜೆಸ್ಸಾಂ ಈಗಾಗಲೇ ಗ್ರಾಹಕರಿಗೆ
ಕೇಂದ್ರ ಇಂಧನ ಸಚಿವಾಲಯ

ಗ್ರಾಹಕರು ಜೆಸ್ಸಾಂ ಸೇವೆ ಪಡೆಯಲು
ಅನುಕೂಲ ಕಲ್ಪಿಸುವ ಉದ್ದೇಶದಿಂದ
ಅಪ್ಲಿಕೇಶನ್ ಅಭಿವೃದ್ಧಿಪಡಿಸುತ್ತಿದ್ದೇವೆ.
ಈ ಮೂಲಕ ಆನ್‌ಲೈನ್ ಸೇವೆಗಳನ್ನು
ಪಡೆಯಬಹುದು
ಕಾಹುಲ್ ಪಾಂಡೆ
ಜೆಸ್ಸಾಂ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕ

ರೂಪಿಸಿರುವ 'ಊರ್ಜಾ ಮಿತ್ರ' ಆಪ್
ಹಾಗೂ ಎಸ್‌ಎಂಎಸ್ ಮೂಲಕ ವಿದ್ಯುತ್
ವ್ಯತ್ಯಯದ ಮಾಹಿತಿ ನೀಡುತ್ತಿದೆ.
2019ರ ಅಂಕಿ ಅಂಶಗಳ ಪ್ರಕಾರ
ಜೆಸ್ಸಾಂ ವ್ಯಾಪ್ತಿಯ ಆರು ಜಿಲ್ಲೆಗಳಲ್ಲಿ

ಒಟ್ಟಾರೆ 28,88,893 ವಿದ್ಯುತ್
ಗ್ರಾಹಕರಿದ್ದಾರೆ. ಅವರ ಪೈಕಿ 8,69,647
ಗ್ರಾಹಕರು ಕಲಬುರ್ಗಿ ವಲಯದಲ್ಲೇ
ಇದ್ದರೆ, 11,17,599 ಸಂಪರ್ಕಗಳನ್ನು
ಬಳ್ಳಾರಿ ವಲಯದಲ್ಲಿ ನೀಡಲಾಗಿದೆ.
9,01,647 ಸಂಪರ್ಕಗಳನ್ನು ವಿವಿಧ
ಕಲ್ಯಾಣ ಯೋಜನೆಗಳಡಿ ನೀಡಲಾಗಿದೆ.
2474 ಎಚ್.ಟಿ. ಗ್ರಾಹಕರ ಪೈಕಿ 1768
ಗ್ರಾಹಕರು ಬಳ್ಳಾರಿ ವಲಯದಲ್ಲಿದ್ದರೆ,
707 ಸಂಪರ್ಕಗಳನ್ನು ಕಲಬುರ್ಗಿ
ವಲಯದಲ್ಲಿ ನೀಡಲಾಗಿದೆ.

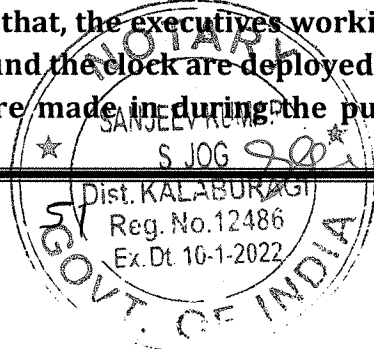
ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು
ಕಂಪನಿ (ಬೆಸ್ಸಾಂ) ಈಗಾಗಲೇ ಆಪ್
ಹೊಂದಿದೆ. ಮಂಗಳೂರು ವಿದ್ಯುತ್
ಸರಬರಾಜು ಕಂಪನಿಯು (ಮೆಸ್ಸಾಂ)
ಅಪ್ಲಿಕೇಶನ್ ಪರಿಚಯಿಸಲು ಬೆಂಗಳೂರು
ನಡೆಸಿದೆ. ಎಲ್ಲವೂ ಅಂದುಕೊಂಡಂತೆ
ನಡೆದರೆ ಡಿಸೆಂಬರ್ ಅಂತ್ಯದೊಳಗಾಗಿ
ಜೆಸ್ಸಾಂ ಆಪ್ ಸೌಲಭ್ಯವನ್ನು ಗ್ರಾಹಕರಿಗೆ
ನೀಡಲಿದೆ ಎಂದು ಪಾಂಡೆ ತಿಳಿಸಿದರು.

GESCOM will submits to the Hon'ble Commission that it will comply with the directive on load shedding and submit the monthly compliance report regularly.

2.8. Directive on Establishing a 24X7 Fully Equipped Centralized Consumer Service Center for Redressal of Consumer Complaints:

Commission's Views:

The Commission notes that the GESCOM has established the necessary infrastructure for effective redressal of consumer complaints. While taking note of the efforts made by GESCOM, it is observed that the number of complaints have not reduced over the months. GESCOM should also submit the average time taken to attend complaints to the Commission. Also, it has come to the notice of the Commission that, the executives working in the Centralized Customer Care Centre (CCC), round the clock are deployed through outsourcing Agency. Several complaints were made in during the public hearings on the



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negative (disrespectful) behavioural attitude of such executives working in the CCC, not providing the complaint numbers even after registering the complaints, lack of knowledge of executives working in the CCC by asking irrelevant questions during interactions rendering the toll free 1912 services ineffective. Further, GESCOM shall instruct the agency employing and deploying the executives, to impart suitable training on handling public relation issues, behavioral attitude, interpersonal relations etc., GESCOM shall bring in a system of recognizing the best performing customer care executive every week / fortnight / month and publicize such recognition so as to incentivise better performance from them. The Commission directs GESCOM to deploy a Senior Level Officers to supervise and review all the activities of the CCC, and shall take disciplinary action against erring officials / executives.

The Commission directs GESCOM to continue its efforts in further improving the delivery of consumer services especially in reducing time required for resolving consumer complaints relating to breakdowns of lines / equipment, failure of transformers etc.,

The GESCOM is also directed to analyze the nature of complaints registered and take action to minimize the number of complaints by taking preventive / corrective action. It is also imperative that necessary steps are taken to continuously sensitize field-staff about prompt and effective handling consumer complaints apart from improving their general efficiency.

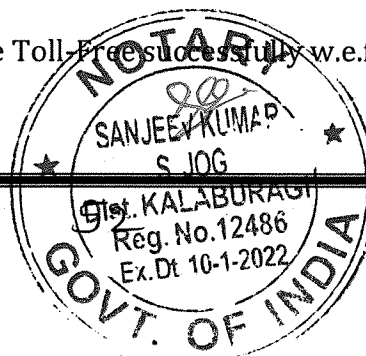
The Commission reiterates its directive to the GESCOM to periodically publish the complaint handling procedures / contact number of the Centralized Consumer Service Centre in the local media, host it on its website and also publish it through other modes, for the information of public and ensure that all the complaints of consumers are registered only through the Centralized Consumer Service Centre for proper monitoring and disposal of complaints registered. The compliance in this regard shall be furnished once in a quarter regularly, to the Commission.

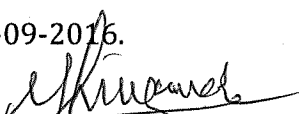
Compliance of the GESCOM:

The GESCOM has noted the Hon'ble Commissions views in the Tariff order-2019 and Tariff Order-2020 on the directive Establishing a 24X7 Fully Equipped Centralized Consumer Service Center for Redressal of Consumer Complaints.

In GESCOM 24X7 Customer Care Centre Established is on 18-01-2012 with Toll Free number 18004258585 in the Corporate Office premises for registering of complaints by consumers on fuse off calls, billing problem, transformers failure and power supply failure etc., with all necessary infrastructure.

Short Code '1912' has been made Toll-Free successfully w.e.f. 01-09-2016.




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As of now, the GESCOM's consumers have reached more than 33 Lakhs, the average Phone calls/Complaints received by Centralized Customer Care Center (CCC) are 1.5 Lakhs per month (3000 per day).

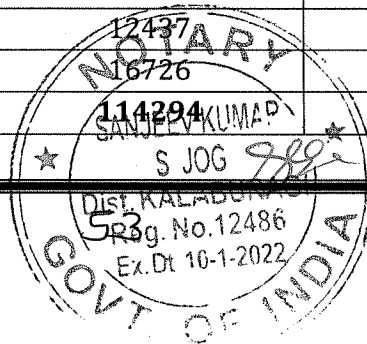
The AVAYA SERVER provided to 24X7 Customer Care Center on dated 21-10-2020 with additional of 5 No's. Total 20 no's desks are available at 24x7 Customer Care Center. At present out of 20 No's desks only 15No's of desks are working.

These desks are functioning round the clock, so at a time 15 no's of complaints can be received. There are 51 desk operators for three shifts, each shift 15 nos operators for 15 desk are working to attend each and every calls. Junior Engineer, Assistant Engineer and Assistant Executive Engineers are placed to supervise the overall activities. The Employees working in CCC are imparted suitable training on handling public relation issues, However the agency is been pursued to impart the training to its employees every quarter in the batches. The awareness of CCC is brought to the notice of consumers by wide publicity of the complaint handling procedure/contact number, of the centralized customer care center through local media, by hosting on GESCOM website for the information of public to ensure that all the complaints are registered only through CCC for proper monitoring and disposal of complaints. Once the complaints are addressed successfully the consumer is also intimated about the same through SMS. GESCOM has instructed the concerned Officers of CCC to recognize the best performing Customer Care Executive weekly/fortnightly/Monthly and incentivize better performer among them. GESCOM will adhere and strictly implement the directions of Hon'ble Commission on the directive and will furnish the compliance every quarter.

Table-17.a

Statement Showing the Details of Calls received and answered / Complaints Registered and Attended in the Centralized Customer Call Centre, GESCOM, Kalaburagi from April- 2019 to March -2020.

Month	No of Calls Received and answered	Total No of complaints Registered	Total No of complaints Attended	Balance
19-Apr	143839	13194	13194	0
19-May	80101	18728	18728	0
19-Jun	187474	8185	8185	0
19-Jul	178686	7255	7255	0
19-Aug	172206	6543	6543	0
19-Sep	162925	5735	5735	0
19-Oct	156940	4687	4687	0
19-Nov	107253	3547	3547	0
19-Dec	127918	8253	8253	0
20-Jan	114439	9004	9004	0
20-Feb	38421	12437	12437	0
20-Mar	52166	16726	16726	0
TOTAL	1522368	114294	114294	0



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Table-17.b

Statement Showing the Details of Calls received and answered / Complaints Registered and Attended in the Centralized Customer Call Centre, GESCOM, Kalaburagi from April- 2020 to September -2020.

Month	No of Calls Received and answered	Total No of Complaints Registered	Total No of complaints Attended	Balance
1	2	3	4	5
Apr-20	55392	6983	6983	0
May-20	127844	7951	7951	0
June-20	139997	12919	12919	0
July-20	162105	11803	11803	0
Aug-20	191847	9173	9172	1
Sept-20	224920	11618	11616	2
Total	902105	60447	60444	3

Note : The complaints which are attended by the Service Stations will be confirmed by the consumers over phone. The complaint is closed only after conformation by the consumer.

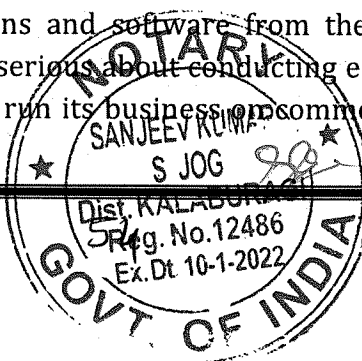
2.9. Directive on Energy Audit:

Commission's Views:

It is observed by the Commission that, the GESCOM has not submitted the monthly energy audit reports of cities / towns with detailed analysis regularly, to the Commission. The GESCOM needs to conduct energy audit of identified cities / towns and on the basis of energy audit results, initiate necessary action to reduce the distribution losses and improve collection efficiency so as to achieve the targeted AT & C loss of less than 15 per cent in all towns. The GESCOM is directed to conduct such energy audit and submit compliance thereon every month, regularly to the Commission. It is observed from the data submitted by the GESCOM in its tariff filing that, the distribution losses in respect of most of the major towns and cities have increased during FY18 compared to FY17. GESCOM has to take action to reduce the losses year on year.

The Commission observes that number of feeders having losses in the range of 15 to 20% and feeders having losses in the range of 20-30% have increased over the period. Further, the number of DTCs having losses less than 5% have reduced over the period. Further, number of DTC having losses in the range of 15 to 20% and 20-30% have increased over the period.

As regards tagging, GESCOM has claimed that tagging of 79,092 DTCs are expected to get completed before 31.12.2018 seems highly unrealistic. It is observed that, GESCOM is mechanically repeating its claim of resolving the issues relating on tagging of consumer installations and software from the last several years. It is evident that the GESCOM is not serious about conducting energy audit of 11 kV lines and DTC level energy audit and run its business on commercial principles. GESCOM



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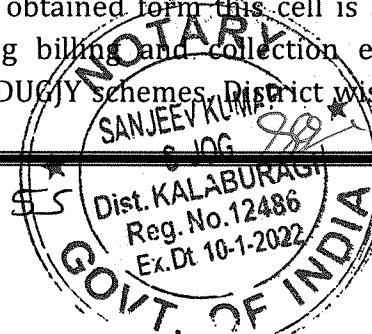
has not acted promptly in resolving early, the issues relating to tagging / software integration and in adopting accounting / auditing of energy as its core function, in spite of spending huge money on RAPDRP project, the TRM, DTC metering and many other software. The stakeholders have also questioned during public hearing, the rationale of incurring huge expenditure on DTC metering without any benefit to the system or consumers. The action taken by the GESCOM in the matter, so far, is not satisfactory and the Commission views with displeasure this delay in completing the tagging of consumer installations and taking up energy audit of all the feeders and metered DTCs.

The GESCOM is directed to take up energy audit of all the 11 kV feeders, and DTCs, which are said to be metered and the energy audit of major Cities / Towns and take remedial measures for reducing energy losses in the high loss making distribution areas. The compliance in respect of energy audit conducted, with the details of analysis and the remedial action initiated to reduce loss levels shall be regularly submitted to the Commission on a quarterly basis.

The Commission directs GESCOM to conduct workshops at the Division Office level, for educating the officers of all cadre on the importance of conducting the energy audit, feeder-wise, DTC-wise etc., and motivating them to take action to reduce the losses in their areas, address issues relating to consumer tagging, recognise the importance of energy metering and maintaining them in good condition, strictly servicing all the installations by providing appropriate energy meters, providing and maintaining energy meters to the DTC's, Metering of Street light installations, Replacement of electro-mechanical meters etc., An action plan on conducting such workshops shall be submitted by GESCOM within 60-days from the date of this order. The feeder-wise and DTC-wise energy audits shall be reviewed in the review meetings at the Circle level every month. Copy of the proceedings of such meetings shall be sent to the Commission for information and further review.

Compliance of the GESCOM:

The Energy Audit Cell is formed at Corporate Office to monitor the losses at various voltage levels. Energy audit is conducted of the 11 kV feeders and DTCs, which are metered. The energy audit of major Cities / Towns is also monitored. The remedial measures for reducing energy losses in the high loss making distribution areas are taken. The O&M field officers are directed to monitor and study the reasons for increase in loss and instructed to take the action to bring down the same. Divisional level Officers are conducting the meetings regularly to review the Energy Audit. The Consolidated information is being collected from O&M Divisional Office by the Energy Audit Cell, Corporate Office GESCOM. Efforts are made in completing the tagging of consumer installation which are newly serviced and temporary installation at feeder level and DTC levels. This has been monitored by IT cell and Energy audit cell Corporate office. The information obtained from this cell is analyzed and remedial action is taken up for improving billing and collection efficiency. Most of the installations are metered under DDUJY schemes, District wise/Division Tender has



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been awarded for replacement of Electromechanical/DC/MNR meters by static meters. About 434851 nos are awarded, 361123 nos are replaced and balance 73728 Nos., are yet to be replaced and the same will be completed by the end of December-2020 as REC limited has given the time extension to complete the project by 31.12.2020. About 2258319 installation consumer database are updated with mobile nos. The Energy Audit information for FY-20 and FY-21 upto Sept-2020 is submitted as below.

Table-18
Comparative statement of losses recorded in Towns and Cities for FY-20 and FY-21 (upto September-2020) is tabulated below:

Energy Audit of Cities and Towns

Sl. No.	Name of the Town/City	FY- 20			FY- 21(Upto September-2020)		
		Energy consumed in town (MU)	Total sold energy (MU)	Distribution Loss (%)	Energy consumed in town (MU)	Total sold energy (MU)	Distribution Loss (%)
1	KALABURAGI CSC	417.71	363.70	12.93	207.09	194.95	5.86
2	ALAND	16.54	14.43	12.76	8.38	7.40	11.68
3	SHAHABAD	21.02	18.82	10.50	10.69	9.82	8.13
4	WADI	17.97	15.92	11.41	10.43	9.55	8.45
5	YADGIR	54.14	46.30	14.47	24.50	21.48	12.32
6	SHAHAPUR	37.13	31.62	14.83	18.29	15.63	14.55
7	SHORAPUR	25.03	21.98	12.18	12.60	11.14	11.56
8	SEDAM	17.36	15.66	9.80	10.60	9.58	9.56
9	BIDAR	157.94	139.92	11.41	74.16	66.48	10.36
10	BHALKI	21.64	18.96	12.41	11.35	9.86	13.13
11	B'KALYAN	24.61	21.92	10.92	14.96	13.24	11.50
12	HUMNABAD	50.05	45.70	8.69	26.99	25.31	6.25
13	RAICHUR CSC	242.31	198.58	18.05	121.20	100.23	17.03
14	MANVI	42.49	36.30	14.59	21.20	18.09	14.70
15	SINDHNOOR	35.97	32.42	9.87	21.97	20.19	8.11
16	KOPPAL	50.05	45.21	9.67	26.14	23.48	10.15
17	GANGAVATHI	55.96	49.57	11.43	29.23	25.89	11.43
18	HOSPET CSC	130.60	115.99	11.18	71.09	63.58	10.56
19	KAMPLI	22.55	19.86	11.92	10.31	8.81	14.50
20	BELLARY CSC	274.18	247.76	9.63	144.74	130.55	9.80
21	SIRUGUPPA	31.62	27.84	11.95	16.67	14.82	11.10

Table-19
Details of Total numbers of DTC's existing in GESCOM jurisdiction, DTC's metered and Unmetered is as tabulated below:

Sl. No.	Particulars	Progress as on 30.09.2020
1	Number of DTCs existing in the company	110114
2	Number of DTCs already metered	87329
3	Number of DTCs yet to be metered	22785
4	Time bound monthly programme for completion	31.03.2020

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Table-20

Abstract of 11kV Energy Audit, DTCs, Towns/Cities and Division wise of Distribution loss is as follows.

Sl. No.	Particulars	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20
1	Division Wise(Data submitted by DCB)	8.58 % to 26.83%	3.76 % to 17.44%	2.94 % to 24.27%	3.55 % to 22.30%	3.88 % to 20.06%	1.27% to 17.33%
2	Towns and cities	2.28% to 23.70%	4.61 % to 19.18%	6.91 % to 24.47%	5.53% to 15.97%	5.51 % to 15.89%	5.47 to 15.91%
3	11KV feeder levels	0.55% to 28.86%	0.59 % to 14.98%	0.13%to 25.83%	0.16% to 18.43%	0.60%to 19.18%	0.65% to 17.92%
4	No of feeders having losses less than 15%	1890	2010	1976	1997	1919	2023
5	No of feeders having losses more than 15 to 20%	31	0	11	18	29	17
6	No of feeders having losses more than 20-30%	68	0	17	0	0	0
7	No of feeders having losses more than 30%	0	0	0	0	0	0
8	No. of DTCs having losses less than 5%	1840	1862	1861	1868	1867	1824
9	No. of DTCs having losses between 5% to 10%	1885	1867	1870	1876	1862	1833
10	No. of DTCs having losses between 10% to 15%	5786	5783	5783	5789	5801	6414
11	No. of DTCs having losses more than 15%	4742	4716	4717	4698	4709	4168

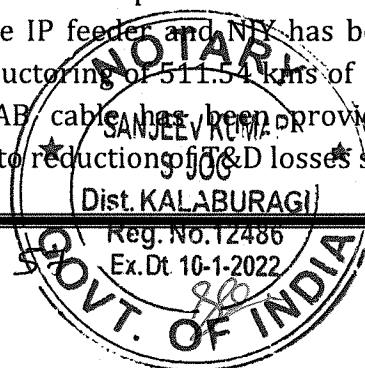
Continuous Monitoring of Feeder Distribution losses :

Reduction of losses is the most important tool in the Business of Distribution of Power Supply. However, identifying the exact area of energy leakage is possible only if the distribution losses are monitored regularly i.e., the Feeders Levels and Distribution Transformer Levels. This will enable us to monitor the distribution losses to the smallest possible infrastructure level and take remedial action for plugging leakage and reducing distribution losses.

NJY Feeders having huge T&D losses are inspected by the O&M Staff and Vigilance Staff every month.

Continuously O&M staff keeping vigilance on all NJY feeders for hooking by any of the IP set consumers. This has resulted in reduction in T&D loss is below 15%.

Apart from this under DDUGJY scheme as on 31.10.2020 Reconductoring of 2066.06 kms of 11kv line, 541.86 kms of LT line has been carried out, 3385 Nos of new DTC provided and replacement of 361123 Nos of electromechanical meters by static meters is being carried out. 1318.64 kms LT AB cable provided. Also bifurcation of 269 Nos of feeders with mixed load to Exclusive IP feeder and NJY has been carried out. Under IPDS scheme as on 31.10.2020 conductoring of 511.54 kms of 11 KV line, 861.35 kms of LT conductoring, 852.78 kms AB cable has been provided. All these system strengthening works also contribute to reduction of T&D losses significantly.



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Efforts of continuous monitoring of the Energy sales and distribution losses on the 11Kv Feeders have resulted in reduction of distribution losses for FY 21 (up to Sept-20) where the losses have reduced to 10.80% as compare to 11.22% in FY-20. A better management of the purchased power and minimizing of losses will save several Crores.

GESCOM has noted the direction of the Hon'ble Commission given in the Tariff 2020 regarding conducting workshops at the division office level, for educating the officers of all cadres on the importance of conducting the feeder-wise, DTC-wise energy audit, etc., and also for guidance and strictly addressing below issues.

1. Motivating them to take action to reduce the losses in their areas,
2. To Address issues relating to consumer tagging,
3. To recognise the importance of metering of installations and maintaining the meters in good condition,
4. Strictly servicing all the new installations by providing appropriate energy meters, maintaining energy meters provided to the DTC's, Metering of Street light installations, Replacement of electro-mechanical meters etc.,

As per the kind direction of Hon'ble Commission an action plan on conducting such work shop will be submitted with in 60 days from the date of the Tariff Order-2020.

GESCOM has submitted the consolidated report for FY-20 and also FY-21 up Sept-20 same is available above for ready reference.

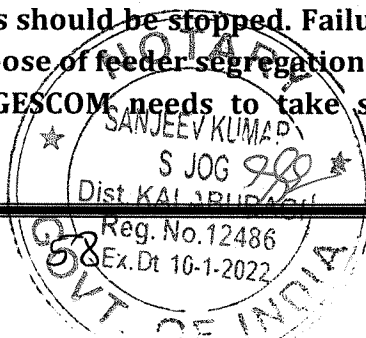
2.10. Directive on Niranthara Jyothi – Feeder Separation:

Commission's Views:

The Commission notes that the GESCOM has commissioned all the feeders taken up under NJY scheme phase-1 but is yet to complete commissioning of major numbers of feeders under phase-2 and work is under progress for remaining 13 feeders. GESCOM has completed only 42% of segregation of feeders in the third phase of NJY scheme. Hence, an inordinate delay can be seen in completion of the NJY works which has resulted in non-realization of envisaged benefits to the organization, as per the DPR.

Therefore, the GESCOM is directed to commission all the remaining feeders taken up under phase-2 and phase-3 as committed and thereafter to carry out the feeder-wise analysis to ensure that the objectives set out in the DPR are accomplished.

Further, the GESCOM shall ensure that, any illegal tapping of NJY feeders by the farmers for running their IP-sets should be stopped. Failure to stop this illegal activity will defeat the very purpose of feeder segregation works undertaken at huge cost and therefore, the GESCOM needs to take stern action on such



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offenders. Further, the field officers / officials who fail to curb illegal tapping shall be personally held responsible for these irregularities.

As regards IP set sales, GESCOM should strictly monitor the implementation of the regulated power supply scheme to IP feeders and take necessary corrective action if the same is faulty.

It is noted that the GESCOM has already segregated significant number of feeders under NJY phase1 and 2 works and consequently the energy consumed by the IP sets could be more accurately measured at the 11 KV feeder levels at the sub- stations, duly considering the distribution losses in 11 KV lines, distribution transformers and LT lines. Therefore, the Commission directs the GESCOM to continue to report every month, the specific consumption and the overall IP set consumption, only on the basis of the data from energy meters installed to the agricultural feeders, as per the prescribed formats. Any data furnished based on other assumption will not be considered by the Commission.

The Commission reiterates its directive to the GESCOM to continue to furnish feeder-wise IP-set consumption based on energy meter data in respect of agriculture feeders segregated under NJY, to the Commission every month.

Compliance of the GESCOM:

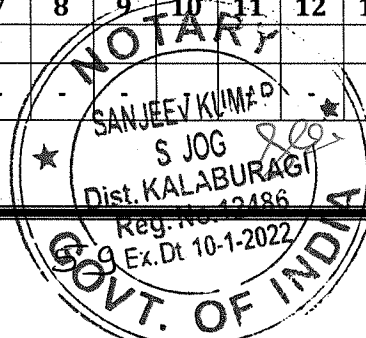
The GESCOM has noted the Hon'ble Commissions views in the Tariff order-2019 and Tariff Order-2020 on Directive on Niranthara Jyothi – Feeder Separation. GESCOM has commissioned all the feeders taken up under NJY scheme phase-1 and phase-2 and phase-3 and feeder which have not completed in NJY are taken up in DDUGJY schemes.

For 24Hrs -3Ph (Urban, IND, WS & NJY : 1072 Feeders), (For 7 Hrs 3-Ph : 920 EIP Feeders & 81 Rural feeders) & (for 9Hrs single phase 81 Rural feeders)

1. Nirantara Jyothi Yojana progress as on 30th September – 20

Table-21

Total Number of Feeders Existing in the ESCOM	Number of Feeders Proposed under NJY			Number of feeders Commissioned			Work Under Progress			Probable date of Completion			No. of Hrs of power supply given on agriculture feeders	Remarks / Reasons for delay in completion of work
	Phase 1	Phase 2	Phase 3	Phase 1	Phase 2	Phase 3	Phase 1	Phase 2	Phase 3	Phase 1	Phase 2	Phase 3		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GESCOM	246	105	-	246	105	-	-	-	-	-	-	-	22-24 hrs	



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2. Progress of Feeder Separation under DDUGJY as on 30th Sept -20

GESCOM has taken the DDUGJY project for strengthening/improvement of its distribution system. The feeders/villages which are not covered under NJY are also covered under DDUGJY. The progress statement as on 30 September 2020 is as follows:

Table-22

Sl. No	Name of the District	No. of Proposed Feeders	Revised as per actual requirement	Progress Achieved	
				No. of Feeders Completed	No. of Feeders Commissioned
1	Gulbarga	70	70	70	70
2	Yadgir	44	41	41	41
3	Raichur	48	68	68	68
4	Koppal	22	33	33	33
5	Bidar	40	38	38	38
6	Ballari	26	22	19	19
Total		250	272	269	269

Note : Under the DDUGJY Scheme balance 3 Nos., of work is under progress and will be completed at the end of Dec-20.

GESCOM has taken action for checking of illegal tapping on NJY feeder by the farmers and the vigilance wing are instructed to compulsorily inspect and take the action if any on the farmers for violation, i.e., getting power supply to their IP Sets through illegal tapping on the feeders which are feeding other than IP Set installations by targeting the feeders having highest loss level in GESCOM.

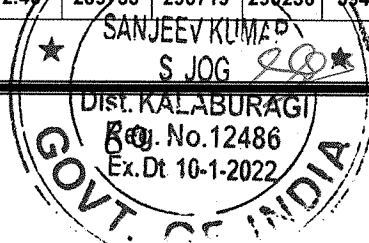
GESCOM has taken up assessment of IP set Consumption as per KERC format and is furnished as below :

Details from April-19 to March-20

Table-23

IP set Consumption details from April - 2019 to March-2020

Sl. No	Month	Monthly consumption recorded in all the agricultural feeders (In MU)	Distribution loss(11kV line, DTCs, & LT line) Plus sales to other consumers if any, in MU (losses in all the agri. feeders only to be considered)	Net consumption duly deducting the Distribution on loss (11kV & LT) & any other loads if any	No. of IP sets (total-dried up) connected to the agricultural feeders			Average consumption of IP sets/ month (In units)	Total no of IP sets (total-dried up) in the sub division (as per DCB)			Total sales (In MU)
					Beginning of the month	serviced at the End of the month	Mid-month		Beginning of the month	service d at the End of the month	mid month	
	1	3	4	5	6	7	8	9	10	11	12	13
1	Apr-19	238.47	15.51	222.96	246808	273233	260021	857.48	381776	391120	386448	331.37
2	May-19	195.74	17.92	177.82	273233	286872	280053	634.96	391120	393853	392486	252.21
3	Jun-19	185.45	16.23	169.22	286872	286898	286885	589.84	393853	394327	394090	232.45
4	Jul-19	147.73	18.52	129.21	286898	287068	286983	450.23	394327	390691	392509	176.72
5	Aug-19	163.47	12.52	150.95	287068	289751	288411	523.40	390691	390891	390791	204.54
6	Sep-19	185.92	13.52	172.40	289753	290719	290236	594.00	390891	398973	394902	234.57



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7	Oct-19	180.07	15.17	164.90	290719	294609	292664	563.44	398913	398923	398918	224.76
8	Nov-19	142.83	13.22	129.62	294609	298529	296569	437.06	398923	399717	399320	174.53
9	Dec-19	207.67	17.32	190.35	298529	299599	299064	636.47	399717	399720	399719	254.41
10	Jan-20	235.11	16.30	218.81	299599	302649	301124	726.64	399720	399796	399758	290.48
11	Feb-20	279.79	22.96	256.82	302649	304429	303539	846.10	399796	399864	399830	338.30
12	Mar-20	277.90	19.13	258.77	304429	304929	304679	849.32	399864	399949	399907	339.65
Total												3053.99

The assessment of IP set consumption April-19 to March-20 is submitted to Hon'ble Commission as per the prescribed format. The details of Assessed Consumption of Agriculture feeders and sale of IP Energy in the prescribed format is enclosed in **Annexure-1**.

GPS survey is carried out to identify the dried/defunct/disconnected-5615 Nos, unauthorized IP sets and in service IP sets and has been submitted to Hon'ble KERC in prescribed format

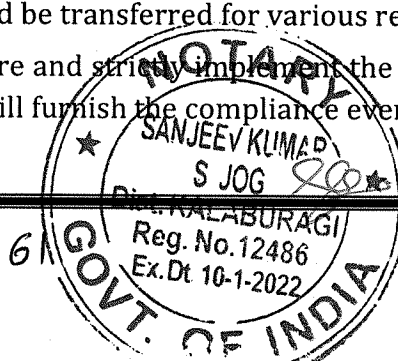
Table-24

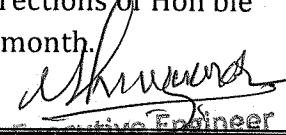
Status of GPS Survey of IP Sets in GESCOM as on Oct 2020

Sl No	Division	Total Number of 11kV Feeders (As per Division Report)	No of Feeders for which GPS Survey is completed	No of IP installations, as on Oct-2020, as per DCB	No of IP DTCs Covered	No of IP installations, covered as on Oct-2020	% of GPS Survey completed	Data as per GPS survey as on Oct-2020 (Authorised IP sets)			Data as per GPS survey as on Oct-2020 (Unauthorised IP sets)		
								No of IP sets surveyed	No of IP sets defunct/dried up/disconnected	Total No of live / working IP sets,	No of IP sets surveyed	No of IP sets defunct/dried up/disconnected	Total No of live / working IP sets,
1	BIDAR	139	139	42193	5535	41125	97.47	40595	1915	38680	530	128	402
2	HUMNABAD	93	93	40391	3654	36406	90.13	36125	784	35341	281	69	212
3	KALABURAGI-I	116	116	51676	5558	53127	102.81	49419	1848	47571	3708	917	2791
4	KALABURAGI-II	85	76	16502	2581	14106	85.48	12658	168	12490	1448	94	1354
5	SEDAM	64	64	10759	1606	9854	91.59	9645	272	9373	209	85	124
6	YADGIR	142	142	35259	4626	32370	91.81	31442	275	31167	928	116	812
7	GANGAVATHI	88	88	28684	4776	35576	124.03	27945	1847	26098	7631	1231	6400
8	HOSPET	230	230	51361	11471	61252	119.26	51195	2698	48497	10057	1952	8105
9	KOPPAL	132	132	35156	5996	37599	106.95	33885	371	33514	3714	145	3569
10	RAICHUR	185	185	31654	6478	36202	114.37	30604	554	30050	5598	232	5366
11	SINDHANOOR	91	91	25113	4232	26938	107.27	23004	134	22870	3934	97	3837
12	BALLARI	101	101	36684	6155	33615	91.63	27094	464	26630	6521	705	5816
Total		1466	1457	405432	62668	418170	103.14	373611	11330	362281	44559	5771	38788

As per the Hon'ble Commission Directions, the GPS Based enumeration of IP Set Installations was taken up and has been fully completed during this year. As per the enumeration of IP set with reference to GPS survey data at the end of October-2020 there are total 418170 Nos of IP sets exists. Out of which 373611 Nos of IP Set Installations are found authorized and 44559 Nos of IP sets are found as unauthorized IP sets. Owner details of some of the installations could not be matched with the actual user as the installations could be transferred for various reasons.

However GESCOM will adhere and strictly implement the directions of Hon'ble Commission on the directive and will furnish the compliance every month.




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2.11. Directive on Demand Side Management in Agriculture:

Commission's Views:

The Commission notes that, as stated by GESCOM, KREDL in its reply, has submitted that it has achieved significant progress in commissioning of Solar Water Pumps (SWP) systems under Phase-I in GESCOM area. It is stated that KREDL has commissioned 198 SWPs out of 200 SWPs allotted under phase-1. Under phase-2, out of a total of 320 SWPs allotted, 95 SWPs are serviced. Under third phase, 5 number of SWPs were allotted and none of them (spill-over) have been serviced. GESCOM is furnishing contradictory statements in the filing and in its replies to preliminary observations.

GESCOM in its submission has not indicated the expected date of completion of the project. GESCOM should take up the matter with KREDL and pursue them for timely completion of the same.

The Commission notes that the GESCOM has not taken up / proposed any projects under agriculture DSM. The GESCOM need to expedite implementation of DSM measures in its jurisdiction without any further delay. There is a huge potential for energy saving in the agricultural sector which needs to be tapped as early as possible to derive the benefits of the same on completion of the project. Therefore, the GESCOM should accord highest priority for implementation of DSM measures with a view to conserve energy and also to reduce subsidy burden on Government and its cross-subsidising consumers. Further, GESCOM should also identify and take up agricultural DSM initiatives in its jurisdiction and submit the suitable proposals to the Commission for approval.

Compliance of the GESCOM:

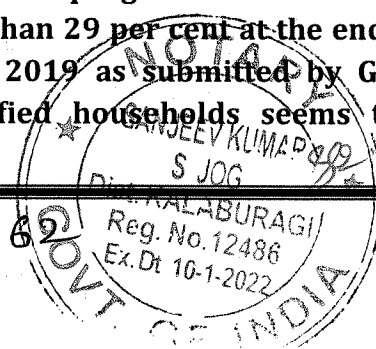
As per the kind directions of the Hon'ble Commission in the Tariff Order-2020, GESCOM has taken the initiative to prepare new proposal in respect Agricultural DSM in its jurisdiction by selecting one among the existing Agricultural feeders having high distribution loss and same will be submitted to Hon'ble Commission for kind approval.

2.12. Directive on Lifeline Supply to Un-Electrified households:

Commission's Views:

GESCOM in its replies to the preliminary observations, has submitted that 61,422 un- electrified houses will be electrified under Soubhagya Scheme. The LoI has been issued in respect of 14 packages and the remaining two packages will be issued with work award of total Rs.88.47 Crores.

The Commission notes that the progress achieved in electrification of un-electrified households is less than 29 per cent at the end of the second quarter. Hence, target date of 31.03. 2019 as submitted by GESCOM for completion electrification of un- electrified households seems to be unrealistic. The



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GESCOM needs to hasten up the progress of electrification of un-electrified households for timely completion of the project.

The GESCOM is therefore, directed to expedite the task of providing electricity to all the un-electrified households within the targeted period and report compliance to the Commission giving the details of the monthly progress achieved from March, 2019 onwards. The Commission, as already indicated in the earlier Tariff Orders, that it would be constrained to initiate penalty proceedings under Section 142 of the Electricity Act, 2003, against GESCOM in the event of non-compliance in the matter.

Compliance of the GESCOM:

The GESCOM has noted the Hon'ble Commissions views in the Tariff order-2019 and Tariff Order-2020. GESCOM has achieved 100% electrification by providing power supply to all villages covered under GESCOM jurisdiction through various schemes like SAUBHAGYA, GRAM SWARAJ ABHIYAN and DDUGJY. Village electrification under SAUBHAGYA Scheme was achieved 100%, and power supply to the balance 6041 Nos., i.e., 9.33% household was arranged by creating infrastructure during March-2020. Hence Electrification 100% of Households are completed.

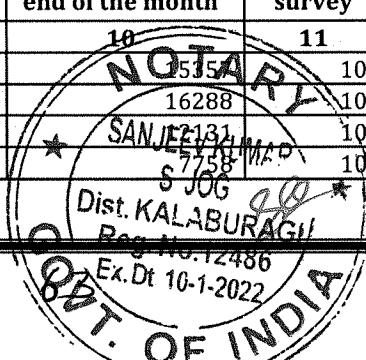
The progress of lifeline supply to Un-electrified Households covered under DDUGJY, SAUBHAGYA SCHEME and GSA - GRAM SWARAJ ABHIYAN is as follows:

Table-25.a
DDUGJY progress as on 30 September-2020.

Sl No	Name of the Division / Revenue District	DDUGJY Scheme				
		Total No of BPL Households identified as per survey (Revised)	Number of Households electrified as at the end of the month	% Progress with respect to survey	Target date for electrification of remaining Households	Action Plan
	1	3	4	5	6	7
1	Bidar	152	152	100%	-	-
2	Raichur	992	992	100%	-	-
3	Koppal	182	182	100%	-	-
4	Ballari	1756	1756	100%	-	-
5	Gulbarga	40	40	100%	-	-
6	Yadgir	1270	1270	100%	-	-
	Total	4392	4392			

Table-25.b
SAUBHAGYA SCHEME progress as on 30 September-2020.

Sl No	Name of the Division / Revenue District	SAUBHAGYA SCHEME				
		Total No of BPL Households identified as per survey (Revised)	Number of Households electrified as at the end of the month	% Progress with respect to survey	Target date for electrification of remaining Households	Action Plan
	1	9	10	11	12	13
1	Ballari	15357	15357	100		
2	Bidar	16288	16288	100		
3	Kalaburgi	12131	12131	100		
4	Koppal	7758	7758	100		



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5	Raichur	7173	7173	100	
6	Yadgir	4200	4200	100	
	Total	62907	62907		

Table-25.c
Gram Swaraj Abhiyan(GSA)progress as on 30 September-2020.

Sl No	Name of the Division / Revenue District	GSA - Gram Swaraj Abhiyan				
		Total No of BPL Households identified as per survey (Revised)	Number of Households electrified as at the end of the month	% Progress with respect to survey	Target date for electrification of remaining Households	Action Plan
	1	15	16	17	18	19
1	Bidar	1217	1217	100%	-	-
2	Raichur	7581	7581	100%	-	-
3	Koppal	372	372	100%	-	-
4	Ballari	1459	1459	100%	-	-
5	Gulbarga	1711	1711	100%	-	-
6	Yadgir	11436	11436	100%	-	-
	Total	23776	23776	100%		

2.13. Directive on Implementation of Financial Management frameworks:

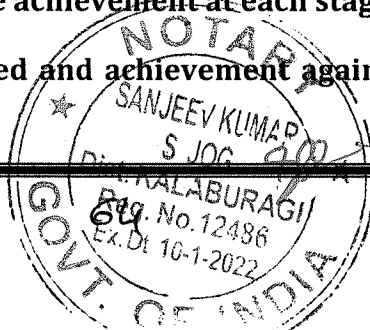
Commission's Views:

The Commission notes that the GESCOM has taken up financial management model to analyze the performance of the company at the Corporate office level only. But GESCOM has not submitted any analysis divisions / sub-divisions wise to bring accountability on their performance in terms of the quantum of energy received, sold and its cost so as to conduct its business on commercial principles. However, the GESCOM is not submitting the compliance in respect of implementation of Financial Management Framework, on quarterly basis, to the Commission, as directed.

The consumers and stake holders have raised concerns in the public hearing held by the Commission about the accumulation of revenue arrears and failure to recover the long standing arrears which is causing adverse impact on the GESCOM's Cash flows. The Commission directs GESCOM to chalk out a robust action plan to recover the long standing accumulated arrears from all category of consumers including local bodies, statutory authorities etc.

The Commission directs the GESCOM to review the performance of the divisions & sub-divisions in terms of the energy received, sold, average revenue realization and average cost of supply using the Financial Management Framework Model developed by it. Further, the GESCOM is directed to continue to analyze the following parameters each month to monitor the performance of the divisions / sub- divisions, at corporate level:

- a. Target losses fixed and the achievement at each stage.
- b. Target revenue to be billed and achievement against each tariff category of consumers.



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- c. Target revenue to be collected and achievement under all tariff categories.
- d. Target revenue arrears to be collected.
- e. Targeted distribution loss reduction when compared to previous years' losses.
- f. Comparison of high performance divisions in sales with low performance divisions.
- g. Targeted achievement in performing the energy audit, feeder wise, DTC wise, and the performance in achieving the reduction in energy losses of feeders, DTCs by setting right the lacuna's / issues viz., tagging of consumers properly etc.,

Based on the analysis, the GESCOM needs to take corrective measures to ensure cent per cent meter reading, billing, and collection, through identification of sub-normal consumption, replacement of non-recording meters etc.

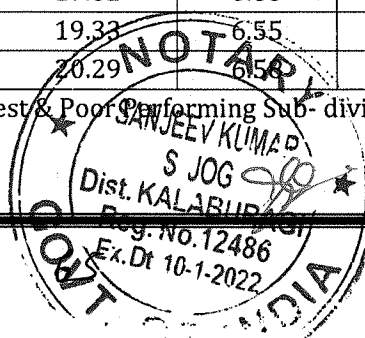
The Commission reiterates its directive that the GESCOM shall continue to implement the Financial Management Framework Model and regularly report the compliance thereon on a quarterly basis to the Commission. GESCOM shall identify the sub-divisions and divisions which are not collecting the required rate of ARR as per the Tariff Order and take remedial measures to ensure full recovery of ARR with reference to the energy drawn by the sub-division/ division.

Compliance of the GESCOM:

Table-26
Financial Management frameworks July to Sept Q 2 FY-21

Sl No	Target		Achieved		Name of the Sub Divisions	Remarks
	Approved Distribution Loss % FY -21	Average Realization Rate as per tariff order- FY20 Rs. Per unit	Distribution Loss - %	Average Realization Rate Rs.		
1	14.84	7.02	3.07	13.83	Munirabad	5 Best performing Sub- Divisions
2	14.84	7.02	4.68	6.85	Devdurga	
3	14.84	7.02	6.48	6.75	Lingasaguru	
4	14.84	7.02	7.16	7.13	HB Halli	
5	14.84	7.02	8.10	8.29	Hospet Urban-2	
6	14.84	7.02	16.56	6.62	Karatagi	5 Poor performing Sub Divisions
7	14.84	7.02	17.70	6.79	Kustagi	
8	14.84	7.02	17.82	6.83	Sindanoor	
9	14.84	7.02	19.33	6.55	Gurumitkal	
10	14.84	7.02	20.29	6.59	Hunasagi	

Note :Based on Dist loss Best & Poor Performing Sub- divisions Analyzed



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As per the direction issued by the Hon'ble KERC, Bangalore during Public hearing on the Tariff Petition of GESCOM held at Kalaburagi for the FY18-19, the GESCOM action for recovery of available balance in the ESCROW/Electrical Bank accounts of the Urban local bodies & Rural local bodies . An amount of Rs. 91.70 crores & Rs. 80.50 crores were collected from Rural Bodies and Urban Local Bodies respectively From April to Sept-2020, an amount to be recovered in respect of ULB Rs.147.10 Crs & RLB Rs. 762.57 Crs at the end of sep 2020.

As of 31.03.2020 the long disc outstanding amount is at Rs. 92.08 Crs. The total demand for FY-20 is Rs. 5130.83 and collection stood at Rs.4791.79 over all collection efficiency is at 93.39% & the demand for FY-21 up to Sept-2020 is Rs.2422.95 out of which the Rs 2154.23 is collected over all collection efficiency stood at 88.91% due to Covid-19 pandemic there is decrease in collection efficiency.

The T&D loss is fixed at 10% to be achieved by sub-divisions /divisions for FY-21 & target is fixed to collect cumulative revenue arrears of 10% & 5% of long disc arrears upon the existing monthly demand

The GESCOM has achieved the overall T&D losses for FY-20 is 11.22 % against the T&D losses approved by Commission 14.89%

The Average realization rate per unit is fixed for FY-21 as per Tariff Order FY-19 Rs. 7.02 per unit & including tax at Rs. 7.65 per unit.

2.14. Directive on Prevention of Electrical Accidents:

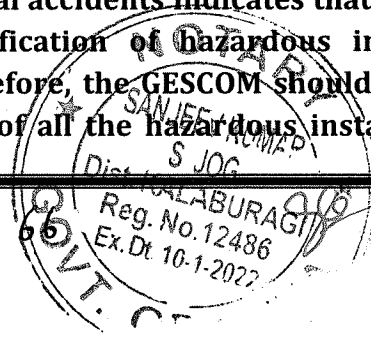
Commission's Views:

The Commission notes that, the number of fatal accidents have increased during FY18 as compared to FY17. Further, as per the details of hazardous installations as furnished by GESCOM in its tariff filing, the number of locations rectified, work under Progress and balance to be rectified does not agree with the number of installations identified. Hence, GESCOM is directed to re-submit all the details of hazardous installations indicating the number of hazardous installations as on date with in one month from the issue of this Order.

Further, it is also observed that GESCOM has shifted only two number of transformers out of 111 transformers existing on the footpath. This shows laid back approach towards implementation of Commission's directives.

From the data submitted by the GESCOM, the Commission notes that the GESCOM has not taken any remedial measures to improve its distribution network and also taken up awareness programmes to educate the field staff and public about the electrical safety measures. The rate of fatal electrical accidents involving human, animal and livestock is also on an increase, which is a matter of serious concern to the Commission.

The frequent occurrence of electrical accidents indicates that there is an urgent need for identification and rectification of hazardous installations, more systematically and regularly. Therefore, the GESCOM should continue to focus on identification and rectification of all the hazardous installations including



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streetlight installations / other electrical works, under the control of local bodies to prevent electrical accidents. GESCOM should also take up continuous awareness campaigns through visual / print media on safety aspects relating to electricity among public.

The Commission is of the view that, GESCOM should carry out more effective periodical maintenance works, provide and install LT protection to distribution transformers, and also ensure use of safety tools & tackles by the field-staff, besides imparting necessary training to the field-staff at regular intervals.

The Commission is of the view that the existence of hazardous installations in the distribution network is evidently, because of the sub-standard works carried out by GESCOM without adhering to the best & standard practices in construction / expansion of the distribution network. The GESCOM needs to conduct regular safety audit of its distribution system and to carryout preventive maintenance works as per schedule of the Safety Technical Manual issued by the Commission to keep the network equipment in healthy condition. GESCOM should also take up regular inspection of consumer installations especially IP sets, pump houses, cow-sheds and buildings under construction to identify hazardous installations, educate the consumers of the likely hazard and persuade them to take up rectification.

The Commission reiterates its directive that the GESCOM shall continue to take adequate measures to identify and rectify all the hazardous locations / installations existing in its distribution system under an action plan to prevent and reduce the number of electrical accidents occurring in its distribution system. Further, it shall also focus on rectifying hazardous consumer installations. Any lapse on the part, the concerned officers / officials should entail them to face disciplinary action.

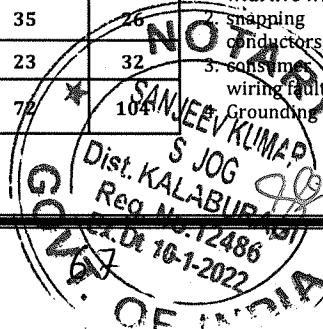
GESCOM shall submit an action plan for reducing the accidents in GESCOM area, within a month of the date of this Order. The compliance thereon shall be submitted to the Commission every month, regularly.

Compliance of the GESCOM:

Table-27

Prevention of Electrical Accidents Details of FY-21 (upto Sept-20) is furnished.

Sl. No	FY-21	Departmental (No. of Victims)		Non-Departmental (No. of Victims)		Human Accidents Occurred (No. of cases)	No. of Animals / Live Stock	Major Causes for accidents	Remarks/ Remedial Measures taken for prevention of accident
		Fatal	Non-Fatal	Fatal	Non-Fatal				
1	20-Apr	0	2	7	6	15	46	1. Accident contact with live wires 2. snapping of conductors. 3. softening internal wiring fault. Grounding due to	1. Technical/ safety Audit of Distribution system to identify hazardous locations and rectifying those locations 2. Replacing deteriorated poles by good one 3. Proving caution notice
2	20-May	0	3	27	5	35	26		
3	20-Jun	0	4	15	4	23	32		
Q1 Total(April - June-19)		0	9	49	14	72	104		



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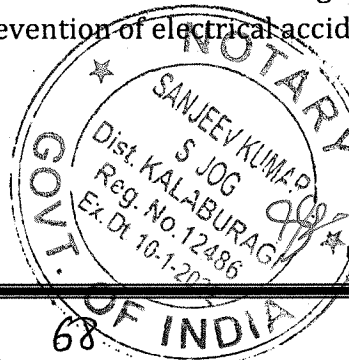
4	20-Jul	1	1	14	3	19	53	leakage of Current in cable joints 5. Unauthorized shifting of installation, extension of lines, meddling with ESCOM's properties and construction of building close to power lines..	regarding electrical equipment/ line 4. Providing fencing around the DTCs 5. Providing additional Transformers at loaded DTCs 6. Providing Safety Tools & Gears to all maintenance mens 7. Action Taken on erring staff for not following safety procedures 8. Creating Safety awareness and Energy Saving Methods over Print Media.
5	20-Aug	1	3	15	4	23	16		
6	20-Sep	0	2	7	3	12	23		
Q2 Total(July-Sept-19)		2	6	36	10	54	92		
7	20-Oct	1	0	16	5	22	29		
Total (Q1+Q2+Q3)		3	15	101	29	148	225		

Table-28

Safety awareness programs: Budget provision has been made under Capex and Special development program for FY-2020-21 identification and rectification of Hazardous location.

Sl. No	Name of the Division	Budget allocated under Capex for FY 2020-21 (In Lakhs)	Budget allocated under SDP for FY 20-21 (In Lakhs)	Remark
1	Kalaburagi CSC	85	0	
2	Kalaburagi 1	105.35	121.943	
3	Kalaburagi 2	122	54.1	
4	Yadgir	178	70	
5	Bidar	177.73	152.43	
6	Humnabad	123.63	96.8	
7	Sedam	98.18	70.87	
8	Bellary Urban	190	0	
9	BallaryRural	151	193.56	
10	HospetUrban	67.29	0	
11	HospetRural	50	126	
12	Raichur Urban	100	0	
13	Raichur Rural	171	192.1	
14	Sindhnoor	169.19	68	
15	Koppal	161.13	118.2	
16	Gangavathi	74.3	103.44	
Total		2023.8	1367.443	

The Executive Engineers are instructed to utilize this Budget under Capex and SDP by the end of March 2020 to ensure prevention of electrical accidents in future.



[Signature]
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Table-29.a

Progress of rectification of hazardous locations under Special Development Program(SDP) April-2020 to September-2020

Sl no	Name of the Division	Budget Alloted under SDP for rectification of hazardous location (Amount in Lakhs.)	Hazardous Location OB as on 1st April 2020	Hazardous Location identified up to September 2020	Total Hazardous Location identified during the year from April to September 2020 (including OB)	Total Hazardous locations rectified during September-2020	Total Hazardous locations rectified during the Year (April-2020 to September-2020)	Remaining hazardous locations to be rectified	Total Budget Utilized under SDP for rectification of hazardous location(in Lakhs)	Remarks
			1	2	3	4	5	6=3-5	7	
1	Kalaburagi Division-I	121.94	123	12	135	51	51	84.00	52.4	
2	Kalaburagi Division-II	54.10	30	5	35	1	16	19.00	18.24	
3	Badgir	70.00	18	50	68	0	10	58.00	28.5	
4	Bidar	152.43	91	6	18	5	15	3.00	18.5	
5	Aminabad	96.80	5	3	34	3	15	19	16.51	
6	Bedam	70.87	37	108	145	7	37	108	93.85	
7	Ballari Rural	193.56	42	48	310	0	47	263	80.97	
8	Hospet Rural	126.00	149	59	208	8	32	176	23.58	
9	Raichur Rural	192.10	5	809	829	3	5	824.00	6.25	
10	Sindhanoor	68.00	101	120	157	19	58	200	59.8	
11	Koppal	118.20	40	299	339	7	18	321	44.17	
12	Gangavathi	103.44	40	65	105	40	40	65.00	112.09	
	Total	1367.44	681	1584	2383	144	344	2140	554.86	

Note: List of Hazardous Locations identified shall be furnished prescribed format.

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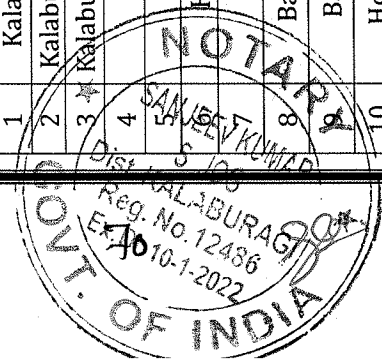
Executive Engineer
Regulatory Affairs
Corporate Office.

Table-29.b

Progress of rectification of hazardous locations under Capex budget from April-2020 to September-2020

Sl No.	Name of the Division	Budget Alloted under Capex budget 2020-21 for Preventive measures to reduce the accidents (Providing intermediate poles, Re-stringing of sagging lines, providing guy and stud, guarding, shifting of lines, fencing of DTCS) (Amount in Lakhs.) (Provisional Budget Allocation)	Hazardous Location OB as on 1st April 2020	Hazardous Location identified up to September 2020	Total Hazardous Location identified during the year from April to September 2020 (including OB)	Total Hazardous locations rectified during September-2020	Total Hazardous locations rectified during the Year (April-2020 to September-2020)	Remaining hazardous locations to be rectified	Total Budget Utilized under Capex for rectification of hazardous location (in Lakhs)
			1	2	3	4	5	6=3-5	7
1	Kalaburagi Urban	85.00	47	19	66	13	24.00	42	23.11
2	Kalaburagi Division-I	105.35	38	0	38	14	21.00	17	15.11
3	Kalaburagi Division-II	122.00	26	17	43	1	7.00	36	10.80
4	Yadgir	178.00	17	0	17	0	0.00	17	0.00
5	Bidar	177.73	28	35	55	8	17.00	38	30.50
6	Humnabad	123.63	2	1	21	3	14.00	7	11.81
7	Sedam	98.18	34	30	64	8	34	30	20.07
8	Ballari Urban	190.00	55	5	75	2	35	40	41.00
9	Ballari Rural	151.00	50	30	306	0	30	297	33.35
10	Hospet Urban	67.29	16	26	42	0	7	35	5.18
11	Hospet Rural	50.00	45	14	59	2	6.00	53	6.00
12	Raichur Urban	100.00	39	4	43	2	10.00	33	19.24
13	Raichur Rural	171.00	7	190	200	10	15.00	185	12.66
14	Sindhanoor	169.19	49	75	96	8	26	119	30.81
15	Koppal	161.13	13	66	79	7	8	71	5.02
16	Gangavathi	74.30	0	101	101	0	0.00	101	54.88
	Total	2023.80	466	613	1305	78	254	1121	319.54

Note: List of Hazardous Locations identified shall be furnished prscribed format.



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Safety Audit is being conducted pole wise by selecting 11kV feeders from each division. Identified defects are rectified as per the safety audit manual issued by Hon'ble KERC.

GESCOM has taken steps to reduce and prevent electrical accident while carrying out the work on the distribution network by the field staff by providing safety gear and giving appropriate training to adhere to safety aspects / procedure so that they carry out there work safety/effectively. The necessary circulars are issued in this regard.

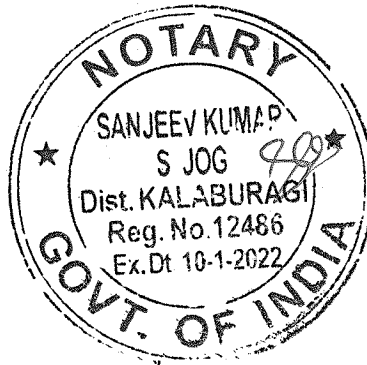
Linemen safety awareness programmes are conducted in all O&M Divisions and Sub-Divisions during FY-20. The management is trying its utmost to protect safety of every linemen, to reduce the accidents in the field/distribution network.

The following programs

- News Paper and Deepawali Special Magazine notification on electrical safety and Energy conservation
 - Udaya Vani, Kannada Prabha, Udaya Kala, Karma Veera, Vijaya Karnataka, Prajavani, The New Indian Express.
- Electrical safety jingles have been played during the month of October-20 (Total 30 days) in RED FM (93.5) Kal Radio in Kalaburagi station.
 - Jingles played from 09:00:00 to 21:00:00 on every day.
 - Frequency per day is 10 times.
- And also jingles on electrical safety will be played in all India Radio stations of Kalaburagi (AM Station-1107KHz), Hosapete (100.5 FM Station) and Raichur (102.1 FM station), during December-20.


The programs such as conducting the painting competition, Jathas are not conducted due to prevailing the Covid-19 pandemic.

How ever GESCOM has conducted work shop on safety aspects to the line mens in each and every O&M division in GESCOM jurisdiction. The gist of the aspects appraised to the staffs and the sample photograph of the work shop on safety is shown below :




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The details of safety matters hand bill distributed to staff



ಗುಲಬರ್ಗಾ ವಿದ್ಯುಚ್ಛಕ್ತಿ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ


(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
ಕಾರ್ಯ ಮತ್ತು ಜಾಲನೆ ಗ್ರಾಮೀಣ ವಿಭಾಗ - 2 ಕಲಬುರಗಿ ವತಿಯಿಂದ

ಕಾರ್ಮಿಕ ನೌಕರರ ಸುರಕ್ಷಾ ಸೂತ್ರಗಳು

ಅತ್ಯಂತ ನೌಕರರ ಬಾಂಧವರಿಗೆ ಈ ಮೂಲಕ ತಿಳಿಸುವುದೇನೆಂದರೆ ಈ ಪರಿಷರದ ಸುರಕ್ಷತಾ ಸೂತ್ರಗಳನ್ನು ತಮ್ಮ ಕರ್ತವ್ಯದಲ್ಲಿ ಅಳವಡಿಸಿಕೊಂಡು ಉಂಟಾಗಬಹುದಾದ ಅನಾಹುತಗಳನ್ನು ತಡೆಗಟ್ಟಿ, ಸಂಸ್ಥೆಯ ಅಮೂಲ್ಯ ಅಸ್ತಿಯಾಗಿರುವ ಸೀಳು ಮತ್ತು ನಿಮ್ಮ ಕುಟುಂಬವನ್ನು ರಕ್ಷಿಸಿ.

1. ಪ್ರತಿದಿನ ಸಮವಸ್ತ್ರ ಹಾಗೂ ಸುರಕ್ಷತಾ ಸೂತ್ರಗಳ ಕಾರ್ಡನ್ನು ಕೆಲಸಕ್ಕೆ ಹೋಗುವ ಮುನ್ನ ಕಡ್ಡಾಯವಾಗಿ ಧರಿಸಬೇಕು.
2. ಕೆಲಸಕ್ಕೆ ಹೋಗುವ ಮುನ್ನ ವಿದ್ಯುತ್ ಸರಬರಾಜಿನ ಮಾರ್ಗಗಳ ಬಗ್ಗೆ ಹಾಗೂ ಉಂಟಾಗಬಹುದಾದ ದೋಷವನ್ನು ಸರಿಪಡಿಸಲು ಎ.ಇ. / ಟಿ.ಇ ಗಳಿಂದ ಸೂಕ್ತ ಮಾರ್ಗದರ್ಶನ ಪಡೆದು ಎಲ್ಲಾ ಸುರಕ್ಷತಾ ಸಾಮಗ್ರಿಗಳನ್ನು ತಡ್ಡದೆ ಒಪ್ಪಬೇಕು.
3. ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವುದಕ್ಕಿಂತ ಮೊದಲು ಕೆಲಸ ಮಾಡುವ ಸ್ಥಳಕ್ಕೆ ಯಾವ ಯಾವ ಮಾರ್ಗದಿಂದ ವಿದ್ಯುತ್ ಸರಬರಾಜು ಅಗುತ್ತಿದೆ ಎಂದು ಗಮನಿಸಿ. ಸಂಪಂದಪಟ್ಟ ಮಾರ್ಗಗಳನ್ನು ಮಾರ್ಗಮುಕ್ತ (ಲೈನ್ ಕ್ಲಿಯರ್) ತೆಗೆದುಕೊಂಡಿರುವುದರ ಬಗ್ಗೆ ಖಚಿತಪಡಿಸಿಕೊಳ್ಳಬೇಕು.
4. ಲೈನ್ ಕ್ಲಿಯರ್ ಪಡೆಯುವಾಗ ಆರ್.ಎಂ.ಯು / ಸ್ಪೆಷಲ್ ಪ್ರೀಕರ್‌ನನ್ನು ತೆಳಗಿಸಿ ಮತ್ತು ಹೊರಗಡೆ ತೆಗೆಯುವುದನ್ನು ಹಾಗೂ ಐ.ಪಿ.ಎಸ್ ಓಪನ್ ಮಾಡುವುದನ್ನು ಖುದ್ದಾಗಿ ಖಚಿತಪಡಿಸಿಕೊಳ್ಳಬೇಕು.
5. ಐ.ಪಿ.ಎಸ್. ಓಪನ್ ಮಾಡುವಾಗ ಪ್ಯಾಂಡ್ ಗ್ಲಾಸ್ ಮತ್ತು ಪಾಲಿ ಹೆಲ್ಮೆಟ್ / ಶೂ ಧರಿಸಿರಬೇಕು ಮತ್ತು 3 ಫೀಟ್‌ಗಳು ಸಲಿಯಾಗಿ ಓಪನ್ ಆಗಿರುವುದರ ಬಗ್ಗೆ ಖುದ್ದಾಗಿ ಖಚಿತಪಡಿಸಿಕೊಳ್ಳಬೇಕು.
6. ಲೈನ್ ಕ್ಲಿಯರ್ ವಿಭಾಗಗಳನ್ನು ಅನುಸರಿಸಿದ ಮೇಲೆ ಕೆಲಸ ಮಾಡುವ ಸ್ಥಳಕ್ಕೆ ಯಾವ ಯಾವ ಮಾರ್ಗದಿಂದ ವಿದ್ಯುತ್ ಸರಬರಾಜು ಅಗುತ್ತಿದೆ ಎಂದು ಗಮನಿಸಿ ಲೈನ್ ಕ್ಲಿಯರ್ ತೆಗೆದುಕೊಂಡು ಎಲ್ಲಾ ಮಾರ್ಗಗಳಿಗೆ ಗ್ರಿಂಡಿಂಗ್ ಮಾಡಿಕೊಂಡು ಸುರಕ್ಷತಾ ವಲಯವನ್ನು ನಿರ್ಮಿಸಿಕೊಳ್ಳಬೇಕು.
7. ಕಂಪಡ ಮೇಲೆ ಕೆಲಸ ಮಾಡುವಾಗ ಸೆಕ್ಸಿ ವೀಲ್ಡ್ ಮತ್ತು ಕಲ್ಪೋನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಧರಿಸಬೇಕು. ಕೆಲಸ ಪ್ರಾರಂಭಿಸುವ ಮುನ್ನ ಸಂಭಂದಪಟ್ಟ ಸಹಾಯಕ ಇಂಜಿನಿಯರ್ / ಶಿರಿಯ ಇಂಜಿನಿಯರ್ / ಮೇನ್ಟಿನೆನ್ಸ್ ಸಲಹೆ ಪಡೆದ ನಂತರವೇ ಕೆಲಸ ಪ್ರಾರಂಭಿಸಬೇಕು.
8. ಕಂಪಡ ಮೇಲೆ ಕೆಲಸ ಮಾಡುವಾಗ ಮೋಬೈಲ್ ಫೋನ್ ಬಳಕೆ ಮಾಡಬೇಡಿ.
9. ಈ ಮೇಲ್ಕಂಡ ಸುರಕ್ಷತಾ ಸೂತ್ರಗಳನ್ನು ಜಾಲಿಸಿ. ಅವಧಾತ ರಹಿತ ಸಂಸ್ಥೆಯನ್ನಾಗಿ ಮಾಡಿ.

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಐ.)
ಕಾರ್ಯ ಮತ್ತು ಜಾಲನೆ ಗ್ರಾಮೀಣ ವಿಭಾಗ - 2
ಗುಬಿನಕಂಠಿ.. ಕಲಬುರಗಿ



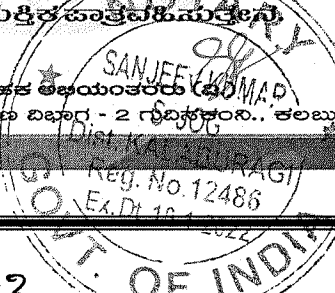
ಗುಲಬರ್ಗಾ ವಿದ್ಯುಚ್ಛಕ್ತಿ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
ಕಾರ್ಯ ಮತ್ತು ಜಾಲನೆ ಗ್ರಾಮೀಣ ವಿಭಾಗ - 2 ಕಲಬುರಗಿ ವತಿಯಿಂದ

ಸುರಕ್ಷತಾ ಮಂತ್ರ

ನಾನು ಕಾರ್ಯ ನಿರ್ವಹಿಸುವಾಗ ಸುರಕ್ಷತಾ ಸಾಧನಗಳಾದ ಹ್ಯಾಂಡ್ ಗ್ಲಾಸ್, ಹೆಲ್ಮೆಟ್, ಅಥಿಂಗ್ ರಾಡ್, ಸುರಕ್ಷತಾಬೆಲ್ಟ್, ಕಟಿಂಗ್ ಪ್ಲೇಯರ್ ಇತ್ಯಾದಿ ಬಳಸುತ್ತೇನೆ ಮತ್ತು ನನ್ನ ಸಹ ಲೈನ್ ಮೆನ್‌ಗಳಿಗೂ ಬಳಸುವಂತೆ ಉತ್ತೇಜಿಸುತ್ತೇನೆ ನಾನು ಸೂಕ್ತ ಲೈನ್ ಕ್ಲಿಯರ್ ಅಲ್ಲದ ಕಾರ್ಯವನ್ನು ಪ್ರಾರಂಭಿಸುವುದಿಲ್ಲ. ನಾನು ನನಗಾಗುವ ಅಪಘಾತ ರಹಿತ ಕಂಪನಿಯನ್ನಾಗಿಸುವಲ್ಲಿ ಎಲ್ಲಾ ಪ್ರಯತ್ನ ಮಾಡುತ್ತೇನೆ. ನನ್ನ ಬೇಟುವಾಬ್ಬಾರಿಯಿಂದ ಆಗುವ ಅನಾಹುತದಿಂದ ನನಗೆ ನನ್ನ ಕಂಪನಿಗೆ ಮತ್ತು ನನ್ನ ಕುಟುಂಬಕ್ಕೆ ತುಂಬಲಾರದ ನಷ್ಟವನ್ನು ಸರಿಪೂರ್ಣ ತಡೆಯಲು ವೈಯಕ್ತಿಕ ಜಾತೃವಹಿಸುತ್ತೇನೆ.

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಐ.ಎಂ.ಎಂ.ಡಿ)
ಕಾರ್ಯ ಮತ್ತು ಜಾಲನೆ ಗ್ರಾಮೀಣ ವಿಭಾಗ - 2 ಗುಬಿನಕಂಠಿ.. ಕಲಬುರಗಿ



 SANJEEV K. RAGI
 Reg. No. 12486
 Ex. Dt. 10/02/2022
 OF INDIA


 Executive Engineer
 Regulatory Affairs
 Corporate Office,
 GESCOM, KALABURAGI

Snaps of work shop conducted for division staff.



ಕಲಬುರಗಿ ಜಿಲ್ಲಾ ಕಾರ್ಯ ಮತ್ತು ಪಾಲನೆ ಗ್ರಾಮೀಣ ವಿಭಾಗ-2ರ ವಿದ್ಯುತ್ ಸುರಕ್ಷತಾ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಕಂಪನಿ ಸುರಕ್ಷತಾ ವಿಭಾಗದ ನೌಕರರನ್ನು ಕಾರ್ಯನಿರ್ವಹಣ ಅಭಿಯಂತರರಾದ ಎಂ.ಎ.ಮುರಳಿ, ನೀಲಪ್ಪ ದೋತ್ರ ಶುಕ್ವಾರ ಸನ್ಮಾನಿಸಿದರು. ಟಿ.ಬಿ.ರಾಜ್, ಬಾಗ್ಲೋಡೆ, ಬಸವಂತಕುಮಾರ, ಬೀರಪ್ಪ, ಐಂ., ಗುಲಾಬಬಂದಿ ಜಿವಾನ್ ಇತರರು ಇದ್ದರು.

NOTARY
 SANJEEV K. K. R.
 KALABURAGI
 DIST. - KALABURAGI
 10-1-2006

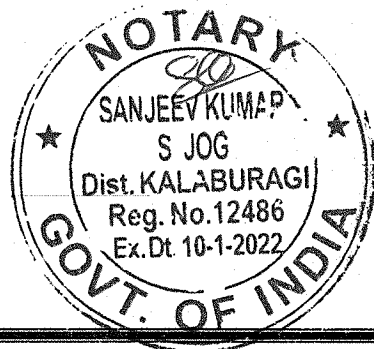
[Signature]
 Executive Engineer
 Regulatory Affairs
 Corporate Office,
 GESCOM, KALABURAGI

Remedial Measures :

GESCOM has taken remedial measures to reduce the accidents:

In DDUGJY, IPDS, and UNIP infrastructure creation works and other system improvement works lot of efforts are made to strengthen distribution System like.

- Stringing of loose spanned conductor
- Fencing of Distribution transformers.
- Providing intermediate poles.
- Replacing old aged poles by good one
- All field officers are instructed for proper supervision of installation and construction of electric lines/apparatus. EEs/SEE/CEEs are monitoring the works and use of safety tools.
- Awareness being created among consumers and field staff regarding accidents.
- All field staff working on lines/apparatus is provided with safety tools and equipment's.
- Field staff trained in safety workshops held at divisional levels and mock drills to use safety gear and maintain safety equipment's in sound and working condition.
- Field staff trained periodically to use safety gear and work on lines by creating safety zones.
- Field staff and supervising staff are directed to increase the efforts to identify and rectify hazardous locations on all feeders and take up suitable action
- Awareness among general public created through advertisements through special issue magazines, daily news paper and radio jingles.
- To maintain clearances of buildings from overhead lines & apparatus, DTCs etc as per norms.
- Awareness among general public created through advertisements to not to use grid AC supply for electric fencing.
- Discussions held with customers at regular customer interaction meetings regarding electrical safety, Electricity conservation etc.
- GESCOM will continue to put all efforts to create awareness among general public and maintenance staff and aims to become accidents free utility.



Executive Engineer (Ele)
Regulatory Affairs
Corporate Office
GESCOM, KALABURAGI