



M/s. HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
PB ROAD, NAVANAGAR, HUBLI - 580 025.

Note 20 Short-term loans and advances

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Sl No	Particulars	A/C Code	As at 31st Mar, 2020	As at 31st Mar, 2019
			Rs	Rs
20 -1	Loans and advances to employees			
i	Secured, considered good	27.1 & 27.2	3,65,32,967	2,99,66,371
ii	Advance Tax Paid	27.410	71,22,844	24,65,297
	Total		4,36,55,811	3,24,31,668

Note: Medical advance and staff advance to employees is given based on the KPTCL circular: CYS-611/DI:15.06.2012.



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(13) 2019-2020
2019-2020
2019-2020
2019-2020



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Note 21 Other current assets

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Sl No	Particulars	A/C Code	As at 31st Mar, 2020	As at 31st Mar, 2019
			Rs	Rs
21 -1-1	Unbilled revenue	23.4	4,50,48,81,181	4,27,22,85,960
21 -1-2	Preliminary expenses on survey/feasibility studies of project not yet sanctioned	17.301	1,77,36,565	2,00,73,546
21 -1-3	Transformers / meters etc., issued to contractors / suppliers for repairs / replacement.	26.604	21,80,81,113	30,84,40,147
.21 -1-4	Initial Advance paid to PCKL	27.820 & 27.821	1,32,34,588	(23,08,026)
.21 -1-5	Interest accrued on deposits	28.210 & 28.265	36,56,102	35,91,648
.21 -1-6	Amount Recoverable from Employees & others	28.1, 28.4 & 46.978	1,94,91,611	(59,67,111)
.21 -1-7	Claims for Loss/Damage to Assets/Material	28.724, 729, 743, 744, 749	19,88,408	84,04,637
.21 -1-8	Receivables from PCKL (Power Company of Karnataka Limited)	28.856	0	5,90,21,320
.21 -1-9	Other Receivable	28.8, 28.901 & 902	18,59,43,62,265	11,73,25,75,936
.21 -1-10	Receivable from Pension & Gratuity Trust	28.907	60,94,17,742	60,83,18,345
.21 -1-11	Subsidy receivable from GOK	28.625 & 28.627	34,03,61,45,032	35,79,98,99,422
.21 -1-12	Sundry Debtors - Government Department	28.110	70,91,11,350	3,82,99,241
.21 -1-13	Amounts Receivable from GOI through RECL & LEC/Taluk Board towards KJ Works	28.941 & 28.942	0	7,21,500
.21 -1-14	Service Tax claim settled by HESCOM to be recovered from Consumer/Contractor	28.852	8,41,28,400	9,02,38,998.00
.21 -1-15	Inter Unit Accounts	31, 32, 33, 34, 35, 36, 37	25,42,05,566	(10,26,38,957)
21 -1-16	Electrification / Service Connection	47.3	1,51,16,24,204	1,98,42,28,896
Total			60,57,80,64,127	54,81,51,85,501

Note :

1) Rs.11.09 Crores Service Tax liability has been paid by the Company during the month of March 2018 towards Supervision Charges collected from the consumers for the period from 01.04.2011 to 30.06.2017 in respect of service connections as per the Summons issued by Senior Intelligence Officer, Bengaluru on 08.09.2017. The recovery of service tax from the consumers as at 31.03.2020 is Rs. 2.68 Crores and balance to be recovered from the consumers is RS. 8.41 Crores. (Kara Samadhana Scheme)

2) The amount related to flood during 2019-20 services and repairs are claimed as refunds from the GOK. The company has made receivables entry in the books of accounts to extent of Rs.67.44 Crores.



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Note 22 Revenue from operations

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SI No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
22 -1	Sale of products comprises :			
22 -1-1	Revenue from Sale of Power - LT	61.1 & 61.3	62,61,52,57,927	63,28,33,20,093
22 -1-2	Revenue from Sale of Power - HT	61.2	13,17,07,42,899	12,86,20,52,360
22 -1-2	FAC (LT&HT)	61.4 & 61.5	1,18,42,32,522	34,88,30,180
			76,97,02,33,348	76,49,42,02,633
22 -2	Other Operating Revenue	61.9 & 63.110	1,08,27,66,687	1,22,62,70,256
	Less:		78,05,30,00,035	77,72,04,72,889
22 -3	Rebates and Incentives	78.822, 78.823, 78.826	(3,80,57,841)	(4,32,76,458)
22 -4	Provision for withdrawal of Revenue Demand	83.830, 831 & 832.	(9,24,24,643)	(2,31,93,914)
	Total		77,92,25,17,551	77,65,40,02,517

SI No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
	Sale of products comprises :			
	Revenue from Sale of Power - LT			
22 -1-1-1	Bhagya jyothi Scheme above 40 units	61.101	22,04,63,097	15,90,45,924
22 -1-1-2	Lighting, Combined Lighting, Heating & Motive Power - HDMC.	61.102	6,60,18,84,891	5,88,69,70,571
22 -1-1-3	Lighting, Combined Lighting, Heating & Motive Power - Areas under Village Panchayats.	61.104	2,92,44,39,298	2,47,88,77,385
22 -1-1-4	Private Professional & other Educational Institutions - Areas under U L B's including City Corporations	61.113	15,09,03,990	13,12,42,440
22 -1-1-5	Areas under Village Panchayats.	61.114	4,26,57,083	3,68,29,933
22 -1-1-6	Commercial Lighting, Heating & MP. Areas under U L B's including City Corporations.	61.116	3,53,80,80,818	3,20,34,36,247
22 -1-1-7	Areas under Village Panchayats.	61.117	1,43,27,26,717	1,29,79,72,136
22 -1-1-8	Irrigation Pump sets (above 10 HP)/Water Lifting.	61.121	6,75,13,673	6,92,34,456
22 -1-1-9	IP Sets upto & inclusive of 10 HP - General - Till such time meters are fixed.	61.122	39,57,48,15,898	42,45,12,44,393




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Sl No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar, 2020	31st Mar, 2019
			Rs	68
22 -1-1-10	Private Horticultural Nurseries, Coffee, Tea, Coconut and Areca nut Plantations.	61.127 + 61.128	46,74,919	39,34,335
22 -1-1-11	Industrial, Non-Industrial, Heating and Motive Power including Lighting	61.129 To 61.137	2,61,14,07,077	2,50,23,42,100
22 -1-1-12	Street light/ public lighting installations	61.143	2,12,00,10,584	1,98,01,01,322
22 -1-1-13	Water Supply and Sewerage pumping installations,	61.144	1,21,49,52,540	1,13,70,96,486
22 -1-1-14	Temporary Power Supply-Non commercial lights and fans and other small appliances	61.145	74,55,94,704	63,55,92,412
22 -1-1-15	Revenue from sale of power accounted through BJ/KJ Subsidy (up to 40 units).	61.300	1,36,51,32,638	1,30,93,99,953
22 -1-1-17	FAC (LT)	61.4	98,94,97,813	28,97,35,621
	Revenue from Sale of power - LT		63,60,47,55,740	63,57,30,55,714
	Revenue from Sale of Power - HT			
22 -1-2-1	Public Water Supply & Sewerage Pumping	61.250	1,77,35,54,356	1,63,71,51,252
22 -1-2-2	Industrial, Non-industrial and Commercial purposes & Railway Traction	61.255 & 61.275	7,86,89,92,500	7,98,21,26,889
22 -1-2-3	Commercial.	61.256	1,36,67,24,292	1,28,99,29,836
22 -1-2-4	Lift Irrigation Scheme under Govt Departments / Govt. owned Corporations.	61.262	84,67,51,751	84,94,43,480
22 -1-2-5	Revenue from sale of power - LIS schemes and LI societies.	61.263	54,15,48,345	29,50,71,261
22 -1-2-6	Irrigation & Agricultural Farms, Govt & Horticultural Farms, Coffee, Tea & Coconut Plantations.	61.264	2,22,780	5,05,676
22 -1-2-7	LI Schemes and Lift Irrigation Societies other than those covered under HT2(a)(ii).	61.265	23,30,252	1,20,66,517
22 -1-2-8	Residential Apartments and Colonies - HDMC.	61.272	12,14,27,918	10,04,05,397
22 -1-2-9	Residential Apartments and Colonies -Areas under U L B's other than those under HT-4a Category.	61.273	5,17,778	6,38,521
22 -1-2-10	Residential Apartments and Colonies - Areas under Village Panchayats.	61.274	8,30,61,916	10,71,77,835
22 -1-2-11	Government Hospitals and Hospitals run by Charitable Institutions	61.257	33,69,72,063	39,10,18,358
22 -1-2-12	Educational Institutions and Hostels of Educational Institutions	61.258	22,86,38,948	19,65,17,338
22 -1-1-13	FAC (HT)	61.4	19,47,34,709	5,90,94,559
	Revenue from Sale of Power - HT		13,36,54,77,608	12,92,11,46,919




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SI No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
	Other operating revenues comprise:			69
22 -2-1	Reconnection Fee (D & R)	61.901,61.902	35,59,262	54,39,049
22 -2-2	Service Connection (Supervision charges)	61.904	14,74,58,194	17,85,37,729
22 -2-3	Delayed payment charges from consumers.	61.905	84,04,84,483	93,13,10,567
22 -2-4	Other Receipts from consumers	61.906,61.800	4,63,63,594	4,69,65,667
22 -2-5	Registration fee towards SRTPV	61.907	17,50,346	6,97,898
22 -2-6	Facilitation fee towards SRTPV	61.908	21,02,006	2,18,600
22 -2-7	Supervision Charges for self Execution works	61.909	3,59,68,640	5,87,67,924
22 -2-8	Maintenance charges for the layouts created by the Developers	51.910	50,80,162	43,32,822
			1,08,27,66,887	1,22,62,70,256
	Rebates and Incentives:			
22 -3-1	Solar Rebate allowed to consumers	78.822	(3,26,65,474)	(3,35,88,840)
22 -3-2	Incentives for prompt payment	78.823, 824 & 825	(41,89,164)	(36,75,320)
22 -3-3	Time of day (TOD) Tariff Incentive	78.826	(12,03,203)	(60,12,298)
			(3,80,57,841)	(4,32,76,458)
22 -4	Provision for withdrawal of Revenue Demand	83.830 & 83.831	(9,24,24,643)	(2,31,93,914)
	Grand Total		77,92,25,17,551	77,65,40,02,517

The Company has received total subsidy of Rs.4204.20 Crores. from Government of Karnataka during the year which includes Rs.4067.69 Crores towards subsidy for free power supply to IP sets below 10HP and Rs.136.51 Crores. towards Bhagya Jyothi/Kuteera Jyothi subsidy.

The details of sale of energy and distribution losses during the current year are as follows:

SI.No.	Particulars	Energy in M.U	
		2019-20	2018-19
	Energy Sales:		
a	Total energy available for sale		
b	Total metered sales	12,832.13	13,773.58
c	Total un-metered sales	5,093.05	5,075.18
d	Total sales	5,930.29	6,684.81
e	Distribution losses	11,023.34	11,759.99
f	Percentage of Distribution losses	1,808.79	2,013.59
		14.10	14.62



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Note 23 Other income

Sl No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
.23 -1	Interest on Bank Fixed Deposits & Others	62.260,270, 222,323	1,22,33,677	1,15,98,395
.23 -2	Other Miscellaneous receipts from Trading	62.360	17,73,80,680	18,17,26,662
.23 -3	Profit on sale of stores	62.330	3,33,572	54,91,247
.23 -4	Sale of scrap	62.340	24,55,637	70,94,353
.23 -5	Reactive energy charges demanded on IPPs	62.361	-	20,200
.23 -6	Meter Readings and Calibration of meter - charges of Wind Mill Project.	62.363	81,53,626	67,29,477
.23 -7	Income relating to reactive energy charges	62.364	33,78,874	35,80,875
.23 -8	Processing Fees	62.625	-	50,000
.23 -9	Rental from Staff Quarters	62.901	1,11,54,016	1,22,09,052
.23 -10	Rental from others	62.902,903, 904	24,980	12,98,273
.23 -11	Excess found on physical verification of Materials Stock.	62.905	33,934	-
.23 -12	Rebate for collection of Electricity Duty.	62.916	1,14,12,345	97,34,458
.23 -13	Other Recoveries	62.917,918	45,84,10,668	71,09,02,587
Total			68,49,72,009	95,04,35,579




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Note 24 Purchase of Power:

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SI No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar, 2020	31st Mar, 2019
			Rs	Rs
24 -1	Purchase of Power from Generators	70.000	53,15,05,51,870	61,20,33,52,939
24 -2	O & M Expenses to SLDC.	70.165	1,94,20,014	12,73,11,657
24 -3	Power purchased cost in respect of Inter ESCOM Energy exchange & Others	70.801 & 70.281	-6,86,04,65,456	-2,42,79,39,241
24 -4	Cost of Power Purchase of Hukkeri Rural Electricity Co-operative Societies.	70.800	-1,74,38,65,065	-1,61,56,04,551
24 -5	Rebate from Power Generators.	62.919	-9,43,71,929	-3,78,15,156
24 -6	Power Transmission Charges	70.113 & 70.161	44,47,12,69,434	57,24,93,05,648
	Total		55,84,88,80,886	66,65,48,78,952

Hon'ble KERC has approved Energy allocation from different sources towards Purchase of Power as follows for FY 2019 & FY 2020:

Source	2019-20	2018-19
KPCL Hydel	32.040%	28.000%
KPCL Thermal	12.000%	18.673%
CGS	17.790%	19.532%
UPCL	5.000%	14.125%

The purchase of energy to the Company includes EHT purchase at more than 33 KV voltages at the interconnection points for transfer of power for billing by the Company.

The rates followed for the allocated/assigned power purchase is based on the commercial rates/predetermined rates as approved by the PPA/ KERC/ Government of Karnataka.

The Transmission losses on account of Power Purchase from Generation Point till interface point of Transmission are accounted by the Company as per the power purchase bills based on the proportionate allocated energy and adjusted after energy balancing among ESCOMs.

The Company accounts the import /export of energy among ESCOMs as net energy either as a sale/purchase and also accounts energy at 11KV Inter ESCOM flow.

Statement Showing the Energy Balancing accounted for the Year 2019-20 SLDC

ESCOMs	Energy Balancing at SLDC, Bengaluru		Energy Balancing 11KV/ 33 KV Inter ESCOMs flow		Total Energy in Mu	Total Amt in Rs .crs
	Energy in Mu	Amt in Rs .crs	Energy in Mu	Amt in Rs .crs		
	2	3	4	5	6(2-4)	7(3-5)
MESCOM	-159.63	-66.58	-3.39	-1.42	-163.02	-68.00
BESCOM	-1,071.48	-445.39	-19.98	-8.33	-1,091.46	-453.72
GESCOM	-91.40	-36.76	-12.31	-5.14	-103.71	-41.90
CESCOM	-125.18	-52.24	-	-	-125.18	-52.24
Total	-1,447.69	-600.98	-35.68	-14.88	-1,483.37	-615.86

Note: Positive figures indicates that HESCOM is payable and Negative figures indicates that HESCOM is receivable.




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Note 25 Employee benefits expense

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SI No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
25 -1	Salaries	75.1	4,54,05,06,358	4,53,38,14,559
25 -2	Over Time	75.2	6,74,32,076	6,07,32,323
25 -3	Dearness Allowance	75.3	43,82,68,341	25,86,58,058
25 -4	Other Allowances	75.4	57,13,90,128	53,17,04,735
25 -5	Bonus	75.5	6,99,58,716	7,13,45,423
25 -6	Medical Expenses reimbursement	75.611	5,30,73,087	4,74,48,953
25 -8	Earned Leave Encashments - Regular Employees - Employees covered under Contributory Pension Scheme	75.616	12,30,83,718	6,78,58,479
25 -9	Earned leave encashment	75.617	21,23,02,023	11,49,49,814
25 -10	Earned leave encashment - Retired / Deceased Employees	75.618	32,04,32,707	26,76,01,383
25 -11	Payment under workmens compensation Act	75.629	14,95,200	8,90,840
25 -12	Payment to helpers/employees of Monsoon gang	75.630	5,00,62,379	7,98,09,607
25 -13	Staff Welfare expenses	75.7	3,98,96,099	3,35,18,940
25 -14	Terminal Benefits	75.8	2,17,96,23,220	1,74,96,22,609
	Total		8,66,75,24,042	7,81,79,55,723

Note:

1) Due to COVID-2019 pandemic and Financial Crisis, a rise in Dearness Allowance of Employees and Pensioners for January 2020, July 2020 and January 2021 until further orders it has been kept on hold as per GO Order No.: FD 10 SRP 2020 Dtd:05.05.2020. Hence, provision for DA has not been made in the books of accounts.

2) Earned leave benefit

a) Maximum accrual is 30 days per year.

b) Maximum accumulation allowed is 300 days.

c) EL accumulated in excess of 15 days is allowed for encashment while in service provided the EL encashed is not less than 15 days in case of "A"&"B" group employees and 30 days in case of "C"&"D" group employees.

d) The liability for leave is recognized on the basis of Actuarial valuation.

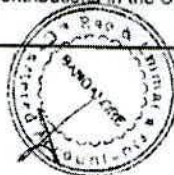
Family Benefit Fund

Employees family benefit fund scheme has been introduced with effect from 01.07.1978. INR 200/- is deducted from each employee and paid to this fund. In case of death of an employee while in service, INR 2,00,000/- is being paid to the months. As per this scheme, the company contributes this fund as per the terms of the scheme in case of death/retirement of the employees.

The liability for Family Benefit Fund is recognized on the basis of Actuarial valuation.

Disclosures under Accounting Standard - 15

SI No	Particulars
	Employee benefit plans
	Defined contribution plans
30 i -1	The Company makes Provident Fund contributions to defined contribution plans for qualifying employees. Under the Schemes, the Company is required to contribute a specified percentage of the payroll costs to fund the benefits. The Company recognised Rs.21,50,027.50/- (Year ended 31 March, 2019 Rs.58,01,419.20/-) for Provident Fund contributions in the Statement of Profit and Loss. The contributions payable to these plans by the Company are at rates specified in the rules of the schemes.
30 i -1-1	The employees/officers who have joined/joining on or after 1.4.2006 are covered under New Defined Contributory Pension Scheme (NDCPS). As per this scheme, the employees/officers have to contribute 10% and Employer has to contribute 14% of the Basic Pay & Dearness Allowance with a matching contribution from the Company. The said contribution is being remitted with the KPTCL/ESCOMs P&G Trust for the time being pending appointment of Central Record Keeping Agency & Pension Fund Managers. The contribution and returns thereon shall be deposited in a non-withdrawable Pension Tier-I Account. The Company recognised Rs.36,38,11,488/- (Year ended 31 March, 2019 Rs.22,29,06,829/-) for Provident Fund contributions in the Statement of Profit and Loss.
30 i -1-2	1. The Company pays Pension Contribution to KPTCL/ ESCOM's. Pension & Gratuity Trust @ 33.02% of Basic Pay, D.P. & DA and Gratuity contribution @ 6.06% of Basic Pay and D.P. on monthly basis from 01.04.2014. to 31.03.2015, 01.04.2015 to 31.03.2016 @ 33.05% pension contribution and gratuity contribution @ 6.08% , 01.04.2016 to 31.03.2017 @ 42.53% pension contribution and gratuity contribution @ 6.08% and 01.04.2017 onwards the pension contribution @57.30% and Gratuity contribution @5.08% as on 31-03-2020. The Company recognised Rs.1,91,16,55,777/- (Year ended 31 March, 2019 Rs.1,51,03,09,179/-) for Pension & Gratuity contributions in the Statement of Profit and Loss based on the Actuarial Valuation conducted by P&G Trust.
30 i -1-3	



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Note 26 Finance costs

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			31st Mar,2020	31st Mar,2019
			Rs	Rs
26 -1	Intrest on Loan from REC	78.540	2,52,51,75,077	2,42,50,86,463
26 -2	Payment of Interest on loan drawn by HESCOM from Syndicate Bank, Hubli	78.563	5,25,74,795	37,77,389
26 -3	Payment of Interest on loan drawn by HESCOM from SBI, Hubli	78.564	18,72,53,036	2,23,73,312
26 -4	Interest on loan from Canara Bank	78.567	16,08,91,212	19,24,69,994
26 -5	Interest on shortterm loan/ Interest on working capital C.C	78.568	22,56,38,408	37,18,83,849
26 -6	Interest on Loan drawn from M/s Rural Electrification Corporation Ltd. towards DDUGJY Scheme.	78.571	9,14,82,428	-
26 -7	Interest on loan drawn from M/s Power Finance Corporation Ltd. towards IPDS Scheme.	78.572	2,67,14,292	-
26 -8	Payment of interest on PFC loan drawn by KPTCL on behalf of HESCOM	78.584	73,06,43,420	78,30,59,652
26 -9	Interest on loan from Power Finance Corporation Ltd. In respect of R.APDRP Scheme	78.585	6,97,21,803	4,27,51,219
26 -10	Interest on APDRP - GOK Loan	78.591	3,03,75,090	3,66,29,957
26 -11	Interest on Pradhan Mantri Gramodaya Yojana Schem (PMGY) Loan	78.546	57,85,574	-
26 -14	Interest on Loans drawn from KREDL for working capital requirements.	78.598	21,43,74,526	1,78,12,500
26 -15	Interest on Security Deposits to Consumers	78.640 & 78.660	53,97,78,423	50,95,39,748
26 -19	Other Intrest and Finance Charges	78.821 To 78.899	3,18,26,153	2,73,82,684
26 -15	Interest on belated paymnets to IPPs	80.000	3,17,02,22,785	95,37,24,903
26 -19	Less : Interest and finance charges capitalised during 2019-20	78.900	-71,56,62,285	-
26-20	Less : Interest and finance charges capitalised from 2011-12 to 2018-19	78.900	-1,88,34,82,359	-
Total			5,46,33,12,378	5,38,64,91,670

An amount of Rs.259.91 Crores towards interest on loans for Capital works has been Capitalised which includes Rs.188.35 Crores pertaining to 2011-12 to 2018-19 and Rs.71.57 Crores is related to 2019-20 and asset is created to the extent of Rs.193.60 Crores and corresponding depreciation is also provided.



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Navanagar, Hubballi - 580 025



M/s. HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
PB ROAD, NAVANAGAR, HUBLI - 580 025.

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Note 27 (i) Depreciation and amortisation expense

Sl No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
27 i -1	Amortisation of Lease Hold Assets	77.110	19,386.00	36,094
27 i -2	Depreciation on Buildings	77.120	4,79,98,046	3,76,73,781
27 i -3	Depreciation on Hydraulic Works	77.130	24,24,972	22,18,826
27 i -4	Depreciation on Civil Works	77.140	18,18,799	15,68,092
27 i -5	Depreciation on Plant and Machinery	77.150 + 77.151	66,81,41,700	58,75,02,606
27 i -6	Depreciation on lines, cable, network etc.,	77.160 + 77.161	1,46,14,01,879	1,28,66,01,371
27 i -7	Depreciation on Vehicles	77.170 + 77.171	30,59,430	31,32,905
27 i -8	Depreciation on furniture, fixtures	77.180	35,46,196	36,89,886
27 i -9	Depreciation on Office equipments	77.190 + 77.191	16,77,299	17,46,662
27 i -10	Depreciation on Intangible Assets	77.801	4,23,19,350	2,14,13,502
			2,23,24,07,057	1,94,55,83,725
27 i -11	Small & Low value items Written off	77.610	16,69,505	2,83,551
Total			2,23,40,76,562	1,94,58,67,276



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RA Section
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M/s. HUBLI ELECTRICITY SUPPLY COMPANY LIMITED
PB ROAD, NAVANAGAR, HUBLI - 580 025.

Note 27 (ii) Administrative and Other expenses

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SI No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
27 -1	Repairs & Maintenance to:			
27 -1-1	Plant and Machinery	74.1	1,05,23,17,747	52,87,31,898
27 -1-2	Buildings	74.2	2,71,78,636	1,01,77,076
27 -1-3	Civil Works	74.3	2,25,14,277	1,84,14,222
27 -1-4	Lines, Cable Net Work Etc	74.5	6,12,28,443	6,36,82,199
27 -1-5	Vehicles	74.6	15,49,091	18,33,006
27 -1-6	Furniture and Fixtures	74.7	47,318	11,919
27 -1-7	Office Equipments.	74.8	6,25,067	8,46,322
	Total Repairs & Maintenance Exp.		1,16,54,60,579	62,36,96,842
27 -2	Administrative Expenditures:			
27 -2-1	Rent, Rates & Taxes	76.101, 76.102 & 78.861	2,70,29,778	2,59,32,113
27 -2-3	Insurance	76.104	30,000	30,000
27 -2-4	Pagers cellular phones E-mail, Telephone, Trunk call, Telegrams and Telex Charges	76.110,111,112	1,01,69,524	1,12,95,893
27 -2-5	Postage	76.113	24,97,371	20,73,328
27 -2-6	Mobile phone	76.114	83,33,224	78,50,958
27 -2-7	Revenue Receipts Stamps	76.115	-	-
27 -2-8	Legal Charges	76.120 & 76.121	69,52,557	31,28,585
27 -2-9	Payment to Auditors:Audit Fees	76.122	7,58,000	81,391
27 -2-10	Consultancy charges	76.123	33,74,129	45,25,011
27 -2-11	Other Professional Charges	76.125 + 76.126 + 76.127 + 76.128 + 76.129	66,22,08,861	52,79,12,216
27 -2-12	Conveyance & Travel expenses	76.130 To 76.139	48,59,84,580	41,80,21,082
27 -2-13	Remuneration Paid to Contract Agencies engaged in Computerisation activities.	76.140	16,60,48,224	10,61,71,591
27 -2-15	Amount paid to service provider for obtaining IT related Web services, SMS services and Broadband charges etc.	76.142	5,90,29,136	2,95,17,071
27 -2-16	Fees & Subscriptions	76.151	2,04,33,688	2,04,54,287
27 -2-17	Books, periodicals and dairies	76.152	31,207	48,765
27 -2-18	Printing & Stationery	76.153	1,21,21,008	1,66,43,546
27 -2-19	Advertisement Expenses	76.155	1,21,11,213	1,37,76,054
27 -2-20	Computer stationary	76.156	29,07,832	24,11,135
27 -2-21	Contributions	76.157	16,71,274	39,54,566
27 -2-22	Electricity Charges	76.158	2,05,09,120	2,06,30,360
27 -2-24	Statutory Payments	76.159	-	670
27 -2-23	Water Charges	76.160	31,61,700	37,76,422
27 -2-24	Entertainment	76.162 & 76.163	1,00,568	87,980
27 -2-25	Miscellaneous expenses	76.190 + 76.191	1,71,72,190	1,14,00,957
27 -2-26	Demand Side Management (DSM) Expenses	76.193 & 76.194	19,45,002	88,75,500
27 -2-27	Freight & other material related expenses	76.201 To 76.282	2,07,51,206	2,42,60,462
	Total Administrative Expenses:		1,54,53,31,392	1,26,38,39,943




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Sl No	Particulars	A/C Code	For the year ended 31st Mar,2020	For the year ended 31st Mar,2019
27-3	Other Expenses (Debits)			76
27-3-1	Asset Decommissioning Costs	77.5	6,12,04,990	1,61,49,364
27-3-2	Losses relating to Fixed Assets	77.7	7,50,978	73,19,109
27-3-3	Gain on Sale of Assets	62.400	-18,325	-48,251
27-3-4	Material cost variance	79.110, 79.200	98,978	12,72,52,809
27-3-5	Bad & Doubtful Debts Written off / provided for	79.4	2,25,13,368	75,13,072
27-3-6	Miscellaneous losses and Write offs	79.5	20,45,69,973	6,48,61,661
	Total of Other Expenses/Debits		27,91,19,962	22,30,47,764
	Grand Total		2,98,99,11,933	2,11,05,84,349

Note:

1) Miscellaneous Losses and Write Offs includes Compensation for injuries, death and damages Staff, Compensation for injuries, death and damages -outsiders, Compensation paid to consumers on order of tribunal \ consumers Forum /Court due to wrong billing etc., Provision for loss on obsolescence of stores, etc., Loss on sale of scrap, Infructuous capital expenditure written-off and Sundry Debit balance Written off.

2) Provision for Loss of Assets in respect of RLM Units was made on estimated basis of Rs. 31.87 Crores from 2012-13 at Corporate Office level.

Note: 1 Payments to the auditors comprises remuneration to Statutory auditor as under

Sl No	Particulars	For the year ended 31st Mar,2020	For the year ended 31st Mar,2019
27-4	(i) Payments to the auditors comprises remuneration to Statutory auditor as under		
27-4-1	Statutory audit	7,58,000	6,91,000
27-4-2	For taxation matters	-	2,36,000
27-4-3	For other services	-	-
27-4-4	Reimbursement of expenses	-	-
27-4-5	Audit of Revenue Ledgers	-	-
	Total	7,58,000	9,27,000

Note: 28 Details of Prior period items (net)

Sl No	Particulars	A/C Code	For the year ended 31st Mar,2020	For the year ended 31st Mar,2019
			Rs	Rs
27-5	Prior period income:			
27-5-2	Excess provision for Depreciation in prior periods	65.500 & 65.600	(5,93,89,549)	(8,31,26,234)
27-5-3	Excess provision for Interest and Finance Charges in prior periods	65.700	(4,41,48,544)	(62,13,122)
27-5-4	Other Excess provision in prior periods	65.800	(48,10,68,425)	(27,33,22,724)
27-5-5	Other Income relating to prior periods	65.900	(1,22,42,15,198)	(84,86,55,190)
27-5-7	Withdrawal of other mise income accounted in previous year.	83.834	16,90,91,889	83,86,485
			-1,63,97,29,827	-1,20,29,30,785
	Prior period expenses:			
27-5-7	Short provision for power purchased in previous years	83.100	6,56,25,146	41,48,715
27-5-8	Operating Expenses of previous years.	83.300	6,49,815	4,79,356
27-5-9	Employee costs relating to previous years	83.500	12,33,105	2,80,70,134
27-5-10	Depreciation under provided in previous years.	83.600	21,88,29,077	45,60,58,775
27-5-11	Interest and other Finance charges relating to previous years	83.700 & 83.800	4,64,21,644	49,93,935
27-5-13	Administrative Expenses - previous years.	83.820	61,808	562
27-5-14	Other Expenses relating to prior periods	83.850	67,80,09,873	33,36,02,318
			1,01,08,30,468	82,73,53,795
	Net Prior Period Income		-62,88,99,359	-37,55,76,990



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Note 28.a Exceptional Items

SI No	Particulars	A/C Code	For the year ended	For the year ended
			31st Mar,2020	31st Mar,2019
			Rs	Rs
.28a -1	Adjustment of excess grant -Ref Note No-1 below	83.850	1,02,90,00,000	1,02,90,00,000
Total			1,02,90,00,000	1,02,90,00,000

Note.1:- Rs 102.90 Crores towards adjustment of excess subsidy claimed pertaining to FY 2010-11, 2011-12 & 2014-15. As per the GOK Order No EN38 PSR 2015 Dated 3103.2016, The entire subsidy Amounting to Rs 514.49 Crores has to be adjusted in FY 2015-16. However, the Company has accounted Rs 102.90 Crores on equal 5 installments commencing from the FY 2015-16 as per Hon 'ble KERC Order Dated 23.04.2015.

Note 28.b Extraordinary Items

SI No	Particulars	For the year ended	For the year ended
		31st Mar,2020	31st Mar,2019
		Rs	Rs
.28b -1	Withdrawal of accumulated Interest on securitised electricity dues amount pertaining to Rural Local Bodies for the period 01.04.2015 to 31.07.2018	1,25,09,94,651	Nil
28b -2	Sundry Debit balance - Written Off	20,45,05,842	Nil
Total		1,45,55,00,493	-

Extraordinary items are income and expenses that arise from events or transactions that are clearly distinct from ordinary activities of the Company and are not expected to recur frequently or regularly.

1) As per Government of Karnataka in its order Dtd: 09.03.2007 and Financial Adviser(A&R) letter No.: FA(A&R)/DC(B&R)/AO(L)/AAO/PS-443/2009-10 Dtd: 15.04.2009 APDRP-REC Loan receivable from KPTCL to the extent of Rs.20.45 Crores under Long-term Borrowing adjusted against write-off.

Note 28.b Regulatory Income / Expenses

SI No	Particulars	For the year ended	For the year ended
		31st Mar,2020	31st Mar,2019
		Rs	Rs
.28b -2	Income on account of Regulatory Assets truing of Subsidy (61.911)	-8,37,03,11,639	12,86,46,78,952
Total		-8,37,03,11,639	12,86,46,78,952

The Company is engaged in operation of Supply of Electricity to the consumers covered under its jurisdiction. The rates are regulated by the Hon'ble Karnataka Electricity Regulatory Commission(KERC).

As per section 62 of Electricity Act 2003, the HESCOM is filing Tariff application yearly with Regulatory Commission for determination of tariff. The Regulatory Commission determines the Tariff as per procedures laid in section 24 of Electricity Act 2003. The company collects tariff from consumers as approved in the tariff order issued by the Regulatory Commission. The Hon'ble KERC through its Tariff Order allow recovery of deficits in subsequent periods besides through truing up orders. In this back ground, The company has created the Regulatory Asset to the extent of Rs. 837.03 Crs during 2017-18 and the same has been reversed during 2019-20.



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Note 29 Additional information to the financial statements

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SI No	Particulars	As at 31st Mar, 2020	As at 31st Mar, 2019
		Rs. In Crores	Rs. In Crores
29 -1	Contingent liabilities and commitments (to the extent not provided for)		
29 -1-1	Contingent liabilities		
29 -1-1-1	Claims against the Company not acknowledged as debt (give details)		
29 -1-1-1-1	Additional fixed cost paid by the KPTCL for supply of power by Thannir Bhavi Power Corporation Limited (TBPCL)	127.25	127.25
29 -1-1-1-2	The Claim of Interest on belated payments by Independent Private Power Producers (Kaiga) which is disputed by the Company .	21.39	21.39
29 -1-1-1-3	Interest on delayed payment of Electricity Tax to Government (up to 31.03.2014)	0.00	0.00
29 -1-1-1-4	Dispute cases of compensation (182 cases)	8.16	8.28
29 -1-1-1-5	LC Balance	147.31	133.03

As per the letter No 2020-57 dated 17.12.2019, NLC has intimated that, they have filed Petition against Central Exercise Dept. against GST claims. Final order has not been pronounced. Hence the same will be accounted only after the finalisation of the order and as per the claims from NLC India Ltd.

SI No	Particulars	As at 31st Mar, 2020	As at 31st Mar, 2019
		Rs. In Crores	Rs. In Crores
29 -2	Commitments #		
29 -2-1	Estimated amount of contracts remaining to be executed on capital account and not provided for	255.04	-
29 -2-2	Uncalled liability on shares and other investments	-	-
29 -2-3	Other commitments (specify nature)	-	-



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Note 30 Disclosures under Accounting Standard - 20

SI No	Particulars	For the year ended	For the year ended
		31-March-2020	31-March-2019
		Rs	Rs
.30 -1	Earnings per share Basic & Diluted		
	Net profit / (loss) for the year from continuing operations	-6,82,21,29,014	6,89,99,16,068
	Less: Preference dividend and tax thereon		
	Net profit / (loss) for the year from continuing operations attributable to the equity shareholders	-6,82,21,29,014	6,89,99,16,068
	Weighted average number of equity shares	1,55,42,37,800	1,55,42,37,800
	Par value per share	10	10
	Earnings per share from continuing operations - Basic	-4.39	4.44

Note 30.2 Disclosures under Accounting Standard - 18

Managerial remuneration paid during the financial year :-

SI No	Particulars	2019-20	2018-19
		(In Rs)	(In Rs)
.30 ii -1	MANAGING DIRECTOR & DIRECTORS: (Whole Time Directors)		
.30 ii -1-1	Salary and allowance	36,55,757	35,56,236
.30 ii -1-2	Ex-gratia	9,224	7,000
.30 ii -1-3	Medical Expenses		
.30 ii -1-4	Traveling Expenses	2,52,640	2,59,446
.30 ii -1-5	Pension Contribution/Leave Salary Contribution		
	OTHER DIRECTORS:		
.30 ii -1-6	Sitting fees	16,500	10,500
.30 ii -1-7	Traveling Expenses	1,76,477	2,09,665

Note 30.3 Disclosures under Accounting Standards -12

SI No	Particulars	For the year ended	For the year ended
		31-March-2020	31-March-2019
		Rs. In Crs	Rs. In Crs
.30 iii -1	Details of government grants		
.30 iii -1-1	Government grants received by the Company during the year towards		
	- Subsidies (recognised under Capital Grants)	91.54	153.24
	- Duty drawback (recognised under Other operating revenues)		
	- Other incentives under Tariff Subsidy (recognised under AS-12)	4204.20	3076.73
.30 iii -1-2	The Company has received certain equipments and facilities free of cost towards carrying on research and development. These assets are required to be returned on completion of the specified activity.		



(Signature)

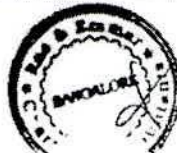
Executive Engineer (EI)
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Corporate Office, Hescm
Navanagar, Hubballi - 580 025

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Note 31 Additional information to the financial statements

SI No	Particulars																																																								
31 -1	Earnings in foreign currency - Nil (As at 31st March, 2020 - Nil)																																																								
31 -2	Expenditure in foreign currency - Nil (As at 31st March, 2020 - Nil)																																																								
31 -3	Disclosures required under Section 22 of the Micro, Small and Medium Enterprises Development Act, 2006 - Nil																																																								
31 -4	The Previous year figures have been regrouped/reclassified wherever necessary to confirm the current year presentation.																																																								
31 -5	The balances in respect of Sundry Debtors, Sundry Creditors and Loans and Advances to suppliers and others are subject to confirmation since the Company is having large customer base.																																																								
31 -6	The employees earlier appointed by KPTCL are working in the Company on deputation basis, now the Company is recruiting its employees independently available.																																																								
31 -7	The Company is unable to ascertain the estimated amount of contracts remaining to be executed on capital works due to the large volume of transactions of the company.																																																								
31 -8	Segment reporting : Business Segment : Electricity distribution is principal business of the company. There is no other activities which form a reportable segment as per the accounting standard 17. Secondary Segment : The operation of the company are mainly carried out within the districts of Karnataka state namely , Dharwad, Haveri, Gadag, Uttar Kannada, Belagavi, Bijapur & Bagalkot therefore geographical segments are not applicable.																																																								
31-9	Deferred Taxation : The company has not recognized Deferred Tax Assets / Deferred Tax Liabilities as required by accounting standard 22.																																																								
31-10	Store/Inventory: Company is having various items of materials, mentioning of material wise quantities impractical to disclose. However, quantity wise records are maintained at various accounting units.																																																								
	<table border="1"> <thead> <tr> <th>Opening Stock (Amt. in Rupees)</th> <th>Receipts (Amt. in Rupees)</th> <th>Issues (Amt. in Rupees)</th> <th>Closing Stock (Amt. in Rupees)</th> </tr> </thead> <tbody> <tr> <td>1,59,17,94,461</td> <td>7,47,67,80,381</td> <td>7,61,17,88,947</td> <td>1,45,67,85,894</td> </tr> </tbody> </table>	Opening Stock (Amt. in Rupees)	Receipts (Amt. in Rupees)	Issues (Amt. in Rupees)	Closing Stock (Amt. in Rupees)	1,59,17,94,461	7,47,67,80,381	7,61,17,88,947	1,45,67,85,894																																																
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1,59,17,94,461	7,47,67,80,381	7,61,17,88,947	1,45,67,85,894																																																						
31-11	<p>Effect on Accounts Board has accepted the Accounts on 22.12.2020. Statutory Auditors have also certified on 22.12.2020. In the light of observations of the Comptroller and Auditor General of India during their supplementary audit conducted under Sec. 143(6)(b) of the Companies Act, 2013, necessary corrections have been incorporated.</p> <table border="1"> <thead> <tr> <th>Particulars</th> <th>Prior to AG's Audit</th> <th>After Supplementary Audit by AG</th> <th>Increased(+)/ Decreased(-)</th> </tr> </thead> <tbody> <tr> <td>Profit/Loss before tax</td> <td>-795.59</td> <td>-682.21</td> <td>113.38(+)</td> </tr> <tr> <td>Impact on Reserves and surplus</td> <td>-2,700.22</td> <td>-2,586.85</td> <td>113.38(+)</td> </tr> <tr> <td>Long-term borrowings</td> <td>4,667.33</td> <td>4,666.80</td> <td>0.53(-)</td> </tr> <tr> <td>Short-term borrowings</td> <td>295.46</td> <td>298.55</td> <td>3.09(+)</td> </tr> <tr> <td>Trade payables</td> <td>7,121.64</td> <td>7,066.91</td> <td>54.73(-)</td> </tr> <tr> <td>Other current liabilities</td> <td>2,505.61</td> <td>2,507.17</td> <td>1.56(+)</td> </tr> <tr> <td>Total Liabilities</td> <td>14,679.10</td> <td>14,741.87</td> <td>62.77(+)</td> </tr> <tr> <td>Tangible Assets</td> <td>3,852.13</td> <td>3,853.71</td> <td>1.58(+)</td> </tr> <tr> <td>Capital work-in-progress</td> <td>679.89</td> <td>679.56</td> <td>0.33(-)</td> </tr> <tr> <td>Long-term loans and advances</td> <td>238.31</td> <td>237.07</td> <td>1.24(-)</td> </tr> <tr> <td>Cash and cash equivalents</td> <td>38.77</td> <td>41.84</td> <td>3.07(+)</td> </tr> <tr> <td>Other current assets</td> <td>5,998.10</td> <td>6,057.81</td> <td>59.71(+)</td> </tr> <tr> <td>Total Assets</td> <td>14,679.10</td> <td>14,741.87</td> <td>62.77(+)</td> </tr> </tbody> </table>	Particulars	Prior to AG's Audit	After Supplementary Audit by AG	Increased(+)/ Decreased(-)	Profit/Loss before tax	-795.59	-682.21	113.38(+)	Impact on Reserves and surplus	-2,700.22	-2,586.85	113.38(+)	Long-term borrowings	4,667.33	4,666.80	0.53(-)	Short-term borrowings	295.46	298.55	3.09(+)	Trade payables	7,121.64	7,066.91	54.73(-)	Other current liabilities	2,505.61	2,507.17	1.56(+)	Total Liabilities	14,679.10	14,741.87	62.77(+)	Tangible Assets	3,852.13	3,853.71	1.58(+)	Capital work-in-progress	679.89	679.56	0.33(-)	Long-term loans and advances	238.31	237.07	1.24(-)	Cash and cash equivalents	38.77	41.84	3.07(+)	Other current assets	5,998.10	6,057.81	59.71(+)	Total Assets	14,679.10	14,741.87	62.77(+)
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Statement Showing the details of Repayment (Principal) for FY-2020-21		(In Rupees)	
Sl. No.	Name of the Financial Institutions	Repayment (Principal) (2020-21)	Repayment (Principal) (2019-20)
I	Secured Loan		
1.	REC		
	a) HESCOM (Stations + RGGVY + Transformer's + Meters+ ACSR Coyote Conductor + RLMS + UAIP+Feeders)	5,24,07,42,732	7,03,20,87,023
	REC Total	5,24,07,42,732	7,03,20,87,023
2.	PFC		
	a) HESCOM (Stations)		
	b) PFC(R-APDRP)	25,12,780	-
	c) PFC(STL)	1,38,60,19,536	5,15,00,00,000
	d) PFC (Buyer's Lone of Credit-TL)	18,04,43,412	
	d) PFC (IPDS-TL)	94,16,668	30,83,08,975
31-10	PFC Total	1,67,83,92,396	5,45,83,08,975
3.	Commercial Bank (HESCOM)		
	a) SBI, Hubli		
	b) Syndicate Bank, Hubli.	90,00,00,000	-
	c) Corporation Bank, Hubli.		
	d) Canara Bank, Hubli.	25,00,00,000	25,00,00,000
	e) Short Term Loan Canara Bank		
	f) Short/Medium Term Loan SBI	1,45,00,00,000	-
	Banks Total	2,60,00,00,000	25,00,00,000
	I Secured Loan Total	9,41,91,35,128	12,74,03,95,998
II	Un Secured Loan		
1.	REC		
	a) KPTCL (General)		
	b) KPTCL (APDRP counter part funding)		
	c) KPTCL (Station)		
2.	GoK		
	a) PMGY Scheme	37,00,000	37,00,000
	b) APDRP Scheme	5,44,00,000	5,44,00,000
	c) Ganga Kalyan	-	-
	d) Power Sector Automation	-	-
	e) Short Term Loan KREDL	-	-
	II Un Secured Loan Total	5,81,00,000	5,81,00,000
	Grand Total I+II	9,47,72,35,128	12,79,84,95,998



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**DIRECTORS' REPORT****82**

Dear Members,

The Board of Directors of HESCOM feel glad to present the Eighteenth Annual Report on the Business and Operations of the Company together with the Audited Statement of Accounts for the Year ended 31st March 2020.

Hubli Electricity Supply Company Limited was incorporated on 30th April 2002 under the Companies Act, 1956 and commenced its Operations with effect from 1st June 2002.

During the year 2019-20, the Company embarked on various actions for delivering better services in line with its objectives and policies.

Following are some of the highlights:

1. PERSPECTIVE**As on 31.03.2020**

ಹುಬ್ಬಲಿ ವಿದ್ಯುತ್ ಪೂರೈಕೆ ಕಂಪನಿ ಲಿಮಿಟೆಡ್
ಜಿಲ್ಲೆ ನಕ್ಷೆ



■ Area	54513 sq.km
■ Districts	7
■ Population	1.48 Crs
■ Consumers	52.90 Lakhs
■ No. of 33 S/S	181
■ No. of DTCs	223601
■ HT line length	87346.13 ckt kms
■ LT line length	136562.51 ckt kms
■ Employee Strength	
● Sanctioned	16928 nos.
● Working	9740 nos.
● Vacant	7178 nos.
■ Total Assets	Rs. 14741.87 Crs

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**2. FINANCIAL PERFORMANCE :**

The Financial Performance of the Company during the Financial Year 2019-20 as compared to previous Financial Year 2018-19 is highlighted as below:

Sl No	Particulars	For the year ended 31st Mar,2020	For the year ended 31st Mar,2019
		(Rs./crs)	(Rs./crs)
	Revenue		
1	Revenue from operations	7792.25	7765.40
2	Other income	68.50	95.04
3	Total revenue	7860.75	7860.44
	Expenditure		
	(a) Purchase of Power	5584.89	6665.49
	(b) Employee benefits expense	866.75	781.79
	(c) Finance costs	546.33	538.65
	(d) Depreciation and amortisation expense	223.41	194.59
	(e) Administrative and Other expenses	298.99	211.06
5	Total Expenditure	7520.37	8391.58
6	Profit/(Loss) before exceptional and extraordinary items and taxes	340.37	(531.13)
	Exceptional items	(102.90)	(102.90)
	Prior Period Income	163.97	120.29
	Prior Period Expenses	(101.08)	(82.73)
7	Profit/(Loss) before extraordinary items and tax	300.37	(596.48)
8	Regulatory Income / Expenses	(837.03)	1286.47
9	Extraordinary Items	(145.55)	-
10	Profit before tax	(682.21)	689.99
11	Tax Provisions	-	-
12	Net Profit	(682.21)	689.99

3. Financial Highlights:

During the year the Revenue from Operations has increased by 0.35% from Rs.7,765.40 Crores to Rs.7,792.25 Crores.

The company has purchased 13,264.11 M.U.s of power during the year. The Power purchase cost has decreased by 16.21% as compared to the Previous Year.

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4. STRATEGIES AND VISION OF THE COMPANY.

The Company has the following strategies:

- Enhancement of Revenue Generation.
- Strengthening and Refurbishing Distribution Network to reduce Losses and Cost of Operation.
- Enhancing Employee Productivity.
- Providing best services to its Consumers.
- Energy Audit at 33 KV / 11 KV DTC level to bring down avoidable Losses.
- Enhancement of Vigilance Activities to reduce Power Theft and pilferage.

HESCOM's VISION:

The Company has set the following as its Vision and is committed to work in that direction:

- 100% Rural Electrification.
- Reduce T&D Losses gradually to below 15%.
- 100% Metering at all levels right from feeder end to consumer installations.
- Elimination of Low Voltage Pockets by reorganizing the existing feeders consequent to establishment of new Sub-stations by HESCOM and KPTCL.
- Reduction in interruption.
- Power Supply on Demand.
- Eliminate Commercial Losses by increased Vigilance Activities.
- Application of Information Technology in more and more Activities.
- Increasing Business Efficiency by reducing AT & C Losses.

EMPLOYEE WELFARE MEASURES:

1. Cash award and commendation letter was given to 24 officers/ employees of MT Divisions of Hubballi & Belagavi jurisdiction for outstanding performance.
2. Cash award and a commendation letter were given to 44 Vigilance Officer / Staff who showed exceptional results in Hubli Electricity Supply Company for the detection of cases of power theft, leakage and misuse of electricity for outstanding performance.
3. Substantial achievement in the Collection of Balance Arrears for the Fiscal Year 2018-2019 by O&M Division and O&M Subdivision


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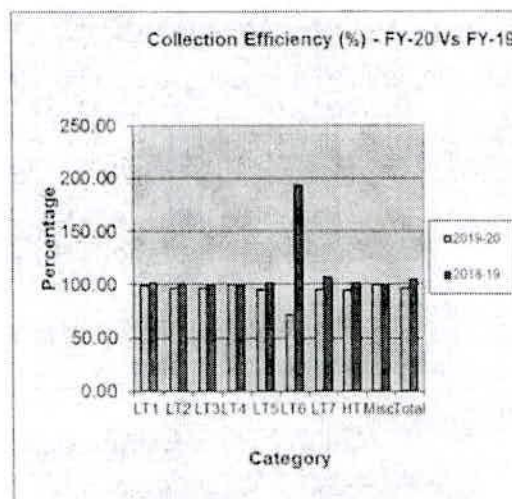


(Urban/ Rural) which performed a commendable duty in re-establishing the failed power supply network due to flood during 2019 in the HESCOM, Belagavi O&M zonal jurisdiction.

5. COLLECTION EFFICIENCY:

During the year, Collection Efficiency of the Company has been increased as compared to previous Fiscal. The Category - wise Collection Efficiency can be seen from the following Table and Graph:

Category	Collection Efficiency (in %)	
	2019-20	2018-19
	LT1 BJ/KJ	98.85
LT2 Domestic	96.51	100.92
LT3 Commercial	96.58	100.28
LT4 IP sets	99.70	99.90
LT5 Industrial	96.02	101.73
LT6 W/S & P/L	71.78	193.23
LT7 Temporary	95.43	107.20
HT	95.07	101.35
Misc.	100.19	100.06
Total	96.79	104.77



6. METERED AND UNMETERED ENERGY

The Category-wise Metered and Un-metered Energy sales during FY-20 & FY-19 are as below:

Category	Category Energy Sales in. MU							
	2019-20				2018-19			
	Metered	Un-Metered	Total	% of Energy Sales	Metered	Un-Metered	Total	% of Energy Sales
LT1 BJ/KJ	197.48	47.30	244.78	2.22	189.89	53.96	243.85	2.07
LT2 Domestic	1533.70		1533.70	13.91	1463.22		1463.22	12.44
LT3 Commercial	492.90		492.90	4.47	464.86		464.86	3.95
LT4 IP sets	119.36	5882.98	6002.34	54.45	115.28	6630.85	6746.13	57.37
LT5 Industrial	324.29		324.29	2.94	328.55		328.55	2.79
LT6 W/S & P/L	476.86		476.86	4.33	461.48		461.48	3.92
LT7 Temporary	33.08		33.08	0.30	32.74		32.74	0.28
HT	1915.40		1915.40	17.38	2019.18		2019.18	17.17
Total	5093.05	5930.29	11023.34	100	5075.19	6684.81	11759.99	100

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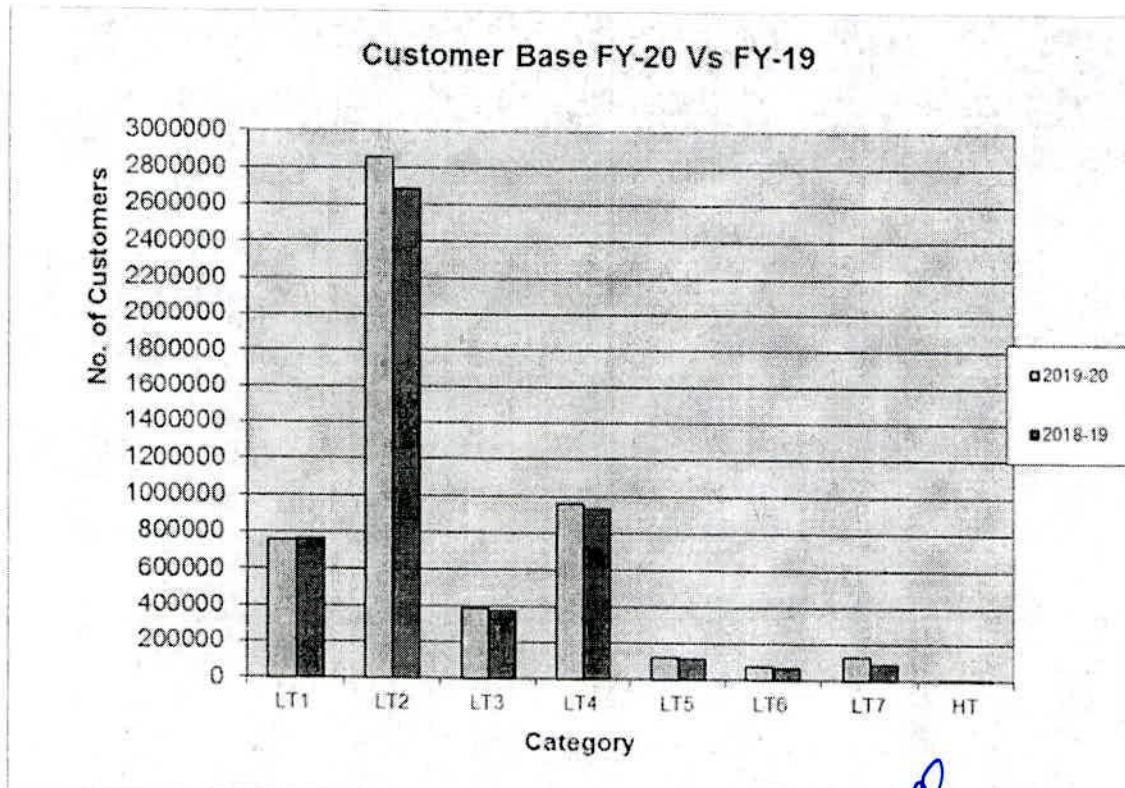


7. CUSTOMER PROFILE:

The Company had a Customer Base of 50.29 lakhs at the beginning of the Year. With the addition of 2.60 lakhs new consumers during the Year, the Customer Base has increased to 52.89 lakhs as at the end of 31.03.2020.

PROFILE - Customers Profile with respect to Consumption, Demand and Collection is highlighted in the following graphs:

Category	Customer Base			
	2019-20		2018-19	
	Installations in Nos.	%	Installations in Nos.	%
LT1 BJ/KJ	759683	14.36	760528	15.12
LT2 Domestic	2854835	53.97	2689120	53.46
LT3 Commercial	389641	7.37	371707	7.39
LT4 IP sets	959119	18.13	931787	18.53
LT5 Industrial	120661	2.28	117989	2.35
LT6 W/S & P/L	74893	1.42	69835	1.39
LT7 Temporary	127166	2.40	85289	1.70
HT	3722	0.07	3445	0.07
Total	5289720	100.00	5029700	100.00

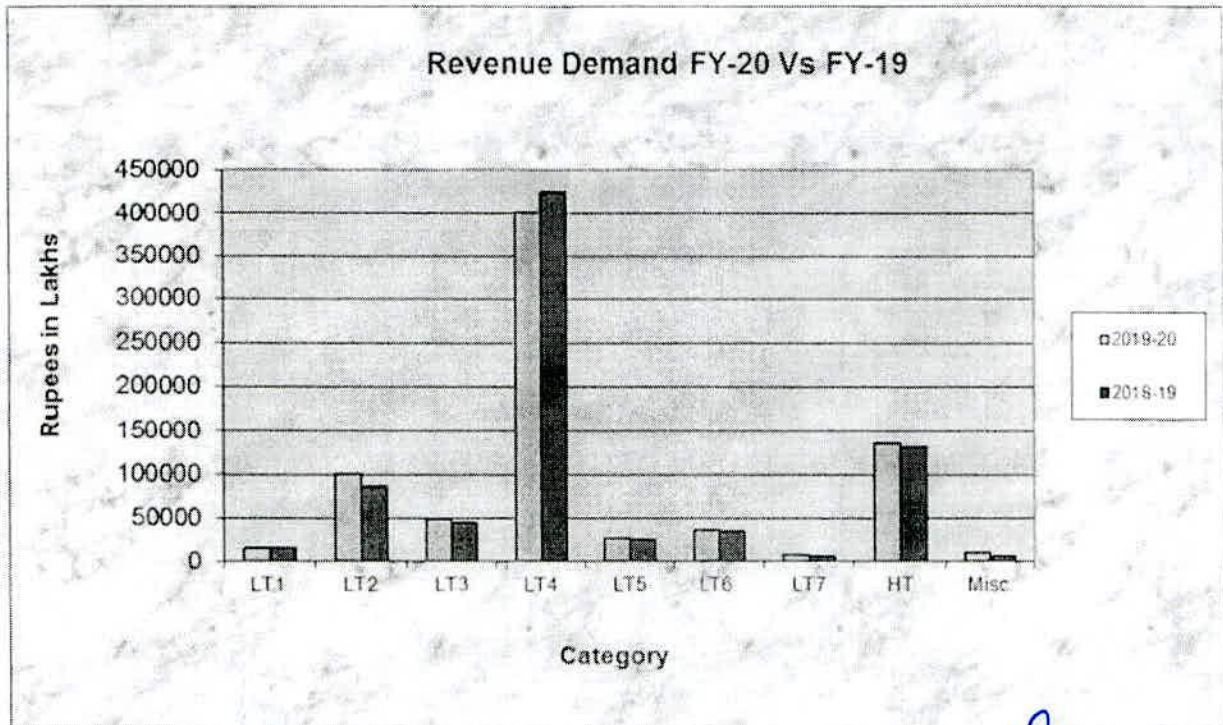



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Category	Revenue Demand as per DCB			
	2019-20		2018-19	
	Rs. In Lakhs	%	Rs. In Lakhs	%
LT1 BJ/KJ	16,275.73	2.07	15076.92	1.95
LT2 Domestic	1,00,103.43	12.74	85853.64	11.08
LT3 Commercial	50,251.85	6.40	44755.31	5.78
LT4 IP sets	4,01,342.94	51.09	425302.42	54.89
LT5 Industrial	26,751.35	3.41	25131.87	3.24
LT6 W/S & P/L	37,393.31	4.76	35955.32	4.64
LT7 Temporary	7,593.68	0.97	6318.71	0.82
HT	1,35,673.36	17.27	131300.70	16.94
Misc.	10,116.76	1.29	5180.12	0.67
Total	785502.40	100.00	774875.00	100.00

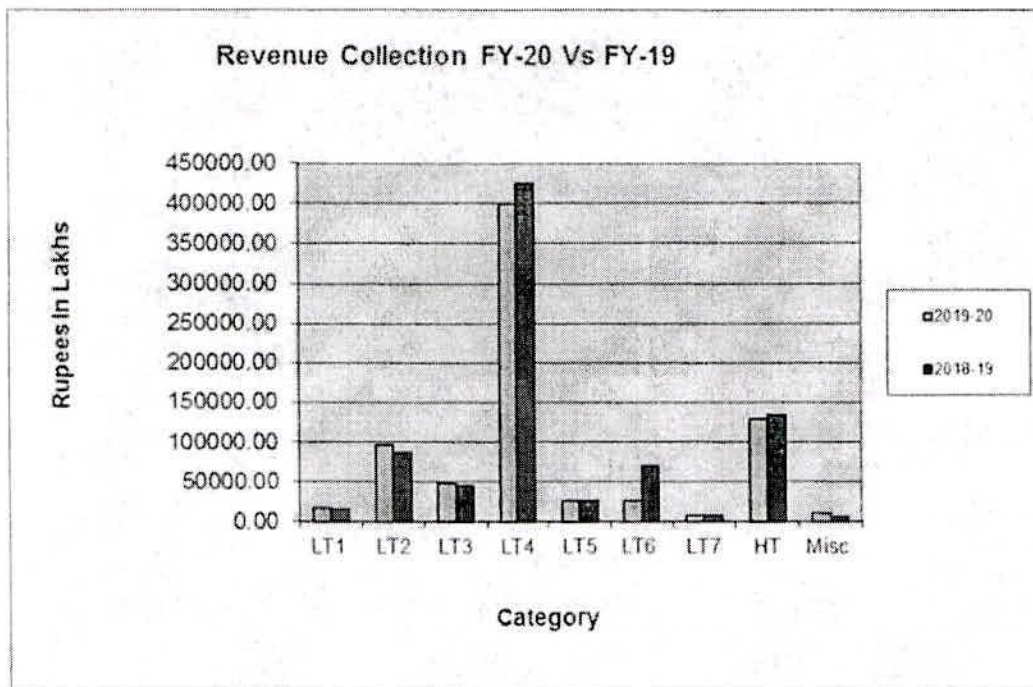


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Category	Revenue Collection as per DCB			
	2019-20		2018-19	
	Rs. In Lakhs	%	Rs. In Lakhs	%
LT1 BJ/KJ	16087.85	2.12	15351.10	1.89
LT2 Domestic	96606.58	12.71	86642.14	10.67
LT3 Commercial	48534.75	6.38	44882.62	5.53
LT4 IP sets	400148.47	52.63	424894.90	52.34
LT5 Industrial	25687.74	3.38	25566.51	3.15
LT6 W/S & P/L	26842.20	3.53	69474.93	8.56
LT7 Temporary	7246.93	0.95	6773.58	0.83
HT	128985.44	16.97	133079.05	16.39
Misc.	10136.34	1.33	5183.22	0.64
Total	760276.30	100.00	811848.05	100.00

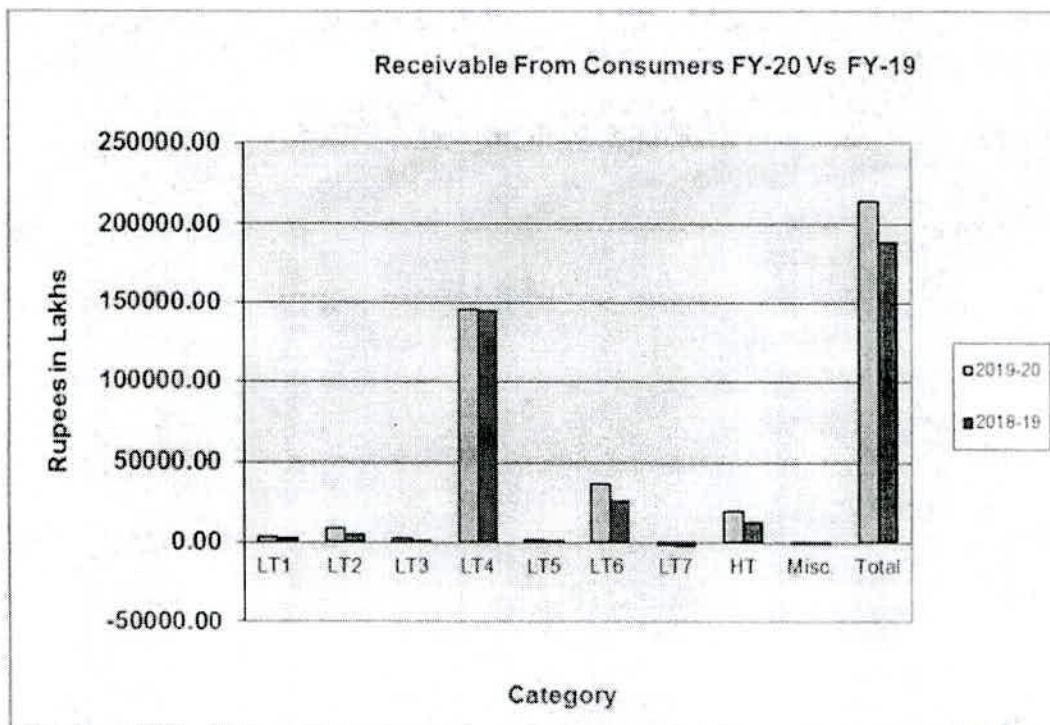


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ಹೆಸಕಂ ಕಾರ್ಪೊರೇಟ್ ಆಫೀಸ್
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Category	Receivable from consumers as per DCB (CB)			
	2019-20		2018-19	
	Rs. In Lakhs	%	Rs. In Lakhs	%
LT1 BJ/KJ	2830.10	1.32	2642.22	1.39
LT2 Domestic	8215.88	3.83	4719.03	2.49
LT3 Commercial	2144.16	1.00	427.06	0.23
LT4 IP sets	146211.85	68.12	145017.39	76.56
LT5 Industrial	1711.60	0.80	647.99	0.34
LT6 W/S & P/L	36321.21	16.92	25770.10	13.61
LT7 Temporary	-1703.54	-0.79	-2050.29	-1.08
HT	18962.57	8.83	12274.81	6.48
Misc.	-52.53	-0.02	-32.95	-0.02
Total	214641.30	100.00	189415.36	100.00



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8. Power Purchase in HESCOM:

DETAILS OF POWER PURCHASE BY HESCOM FROM APRIL-2019 TO MARCH-2020 FROM ALL SOURCES

SL No	Name of the Company	2019-20		
		Energy In MU's	Cost of Power Purchase in Cr	Cost Power Purchase Rs./Unit
1	CGS	3,471.79	1767.55	5.09
2	KPCL-HYDEL	5186.06	405.37	0.78
3	KPCL-SOLAR	1.91	1.16	6.04
4	KPCL-THERMAL	1537.32	862.30	5.61
5	RPCL	48.21	30.85	6.40
7	MINI HYDEL	46.73	16.76	3.59
8	WIND MILL	2482.86	1013.90	4.08
9	CO-GENERATION .	714.56	302.31	4.23
10	HIGH COST (Others) (Short term)	0.00	0.30	0.00
11	UPCL	147.16	112.28	7.63
12	Solar	1724.32	795.49	4.61
TOTAL		15,360.92	5,308.26	3.46
12	KPTCL TR:CHARGES		704.96	0.00
13	PGCIL Tr charges		432.80	0.00
14	SLDC O&M Expenses		3.26	0.00
15	Seed Money		0.99	0.00
16	Open Access Charges		2.36	0.00
16	& POSOCO charges		0.92	0.00
17	LC Charges Related to Purchase of Power		2.61	0.00
TOTAL		15360.92	6456.16	4.20
Less:				
	Inter-Escom Energy Exchange (Receivable)	1,483.37	615.86	4.15
	IEX	283.59	70.19	2.47
	Arunachal pradesh	23.92	11.98	5.01
TOTAL		13570.05	5758.13	4.24
Less:	HRECS	323.66	174.39	5.39
TOTAL		13246.39	5583.75	4.22
	Solar Roof Top	17.72	10.58	5.97
	Rebate		9.43	
Grand Total		13,264.11	5,584.90	4.21

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As per Hon'ble KERC Tariff Order dated 30.05.2019, the Commission has approved allocation of different Sources as follows for FY-20.

Allocation of Energy for FY-20 is as noted below:

SL No	Source	FY-19	FY-20
1	KPCL-HYDEL	26.00%	32.04%
2	KPCL-THERMAL	18.67%	12.00%
3	CGS	19.53%	17.79%
4	Major IPP (UPCL)	14.12%	5.00%

The supply of Energy to the Company includes EHT supply at more than 33 KV voltages at the Interconnection Points for Transfer of Power for Billing by the Company.

The Company accounts the Power Purchase from 10.06.2005 directly from Power Generators Pool Account as per the Energy Allocation / assigned by the Government of Karnataka as per Government order issued from time to time. The Rates followed for the allocated/assigned Power Purchase is based on the commercial rates/predetermined rates as approved by the PPA/ KERC/ Government of Karnataka.

The Transmission Losses on account of Power Purchase from Generation Point till Interface Point of Transmission are accounted by the Company as per the Power Purchase Bills based on the proportionate allocated Energy and adjusted after Energy Balancing among ESCOMs.

The Company accounts the Import/Export of Energy among ESCOMs as Net Energy either as a Sale/Purchase.

9. STATIONS AS ON 31.03.2020:

HESCOM is receiving the Energy through the following Transmission Network & Electrical Sub stations:

Sl. No.	Substations (as on 31.03.2020) (including Hukkeri Society)	Nos.
1	400 KV Stations (in Nos.)	02
2	220 KV Stations (in Nos.)	23
3	110 KV Stations (in Nos.)	207
4	66 KV Stations (in Nos.)	1
5	33 KV Stations (in Nos.)	181

* One number 400 KV sub Station maintained by PGCIL.



**10. ENERGY INFLOW / OUT FLOW (Sales):
Metered and Un-metered Energy**

Sl. No	Particulars	Energy in MUs 2019-20
1	Total metered sales	5093.05
2	Total Un-metered sales	5930.29

During the year, the company had an input of 13773.58 MUs and outflow of 11759.99 MU.

11. DISTRIBUTION LOSSES:

Distribution Losses.

During the year, the Distribution Loss of the Company stood at 14.62% as against 14.76% in the preceding Year. The details are as below:

Sl.No	Particulars	Energy in MU	
		2018-19	2019-20
a	Total input Energy available for sales	13773.58	12832.13
b	Total metered sales	5075.19	5093.04
c	Total un-metered sales	6684.81	5930.28
d	Total sales	11759.99	11023.33
e	Distribution losses	2013.59	1808.8
f	Distribution losses in %	14.62%	14.10%

a) Reduction of Distribution losses.

HESCOM has taken up various extensions and improvement works in order to reduce distribution losses. Under the action plan for reduction of losses in HESCOM area, the details of initiatives taken are as below:

- All the 593 interface points between KPTCL & HESCOM are metered and the energy received at all these points are measured and accounted.
- 56638 Nos of MNR meters are replaced for FY-2020. All efforts are being made to ensure that DC or MNR installations are within 1%.
- Replacement of 10-year-old Electro-mechanical meters by high precision static meters in the jurisdiction of HESCOM is being taken

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up at regular intervals. So far in total 310804 Nos of EM meters have been replaced by Electro static meters for FY-2020.

- Rigorous vigilance activities are being done to detect and curb theft of electricity regularly. No. of Cognizable cases -2006 Nos, No of Non-Cognizable cases-6945 Nos are identified during inspection for FY -2020
- Regular rating of HT and LT installations by MT staff are being conducted as per KERC regulations.
- Load balancing on the DTRs.
- Achieving 100% reading and billing of LT installations.
- Minimizing the Door Lock & unread installations (i.e., By taking readings on subsequent dates).
- Proper metering of street light and water supply (LT-6) installations for monitoring the consumption.
- To continue all out-efforts in increasing the metered consumption & issuing of 100 % bills.
- To increase the revenue collection by regular disconnection activities & continuous monitoring thereby increasing the collection efficiency & over all business efficiency (to reduce AT & C Losses).
- Customer awareness programmes is being done to educate and create awareness for saving of electricity and using energy efficient equipments.

b) Energy Audit :

Division wise Energy audit of HESCOM is being conducted for all the 26 divisions every month to calculate distribution loss. Energy audit of 73 major cities/towns are also being conducted every month. Energy Audit of 11KV feeder level is also monitored. As on 31.03.2020 there are about 3395 feeders in HESCOM distribution system.

Energy audit of 590 Nos of NJY feeders,1971 Nos of EIP feeders and 441Nos of Urban feeders of 73 towns/cities are done month on month basis and corrective measures are taken on high distribution loss (i.e more than 15%) feeders.

12 . CAPITAL EXPENDITURE

During the year the Company has incurred Rs.1,317.94 Crores towards Capital Works as against Rs.983.64 Crores in the previous year. The details of expenditure under Major heads are as noted below:

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Sl. No.	Schemes	2019-20	2018-19
1	Service Connection	6.31	6.76
2	Ganga Kalyan	87.21	46.83
3	Extension and Improvement	61.43	60.91
4	Replacement of Failed Distribution Transformers	174.54	145.35
5	Replacement of Conductors	24.06	18.04
6	Providing Infrastructure to UAIP	42.84	64.93
7	Energisation of IP Sets(General)	67.27	166.34
8	Metering	31.14	21.30
9	Rural Electrification Works (NJY, RLMS, Hamlets, Etc.,)	27.18	49.60
10	IPDS/DDUGJY/SAUBHAGYA	316.45	115.52
11	Draught Relief Works	84.63	0.54
12	One time maintenance work	48.02	5.93
13	RAPDRP	1.38	1.50
14	ALDC/SCADA	0.00	0.00
15	Stations	32.00	55.17
16	Civil Works	22.85	47.87
17	Flood Affected Works	14.91	0.21
18	UG Cables	197.64	116.49
19	Others	78.08	60.35
	Total	1,317.94	983.64

13. HT / LT LINES

The Company has drawn 2251.98 kms of HT lines and 1453.68 kms of LT lines during the year. Total HT and LT Lines as on 31.03.2020 stood at 87346.13 kms and 136562.51 kms respectively.

14. STATION PROGRESS FOR FY 2019-20:

Sl. No	Particulars	Nos
1	No of 33Kv stations under progress including spill over works and works awarded during FY 2019-20 (Augmentation works)	15
2	Award Cost in Crores	152.77
3	No. of stations commissioned	11
4	No. of stations augmented during the FY 2019-20 (including augmentation works)	3

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Stations augmented during the FY 2019-20:

SL No	Name of sub-station	District	Capacity in MVA	Award Cost in Crs	Date of Commissioning
1	K. Shivapur	Belagavi	1X5	0.8483	14.05.2019
2	Benadi	Belagavi	1X5	0.9796	Work under progress
3	KIMS Hubli	Dharwad	2X8	2.46	02.05.2019
4	H.Hipparagi	Vijayapur	1X5	0.98	08.05.2019

Stations commissioned during the FY 2019-20:

Sl. No.	Name of 33/11kV Sub-station	District	Capacity in MVA	Award Cost in Crs	Date of Commissioning
1	GIS Substation(GIS) at Mahanteshnagar in Belagavi Town(IPDS)	Belagaum	2X8	16.84	30.09.2019.
2	GIS RM-II in Belagavi Town (IPDS)	Belagaum	3X8	24.78	21.12.2019
3	Gokak(IPDS)	Belagaum	2X5	4.47	30.11.2019
4	Establishing of 2x5 MVA, 33/11 KV sub-station at Hulikatti	Belagavi	2X5	5.1589	21.09.2019
5	GUDIGERI (S/S & 33 KV Line)	Dharwad	2X5	5.49	01.07.2019
6	SHIROL (S/S & 33 KV Line)	Gadag	1X5	3.81	23.09.2019
7	33/11KV S/S Gullapur	Uttar Kannada	5 X1	260.3	17.08.2020
8	33/11 KV Sub station Gandipur	Haveri	2x5	5.58	29.10.2018
9	33/11 KV Sub station Nayikerur (DDUGJY)	Haveri	2x5	5.81	28.01.2019
10	Arabgonda (DDUGJY)	Haveri	2X5	5.73	01.01.2020
11	Gaddanakeri (DDUGJY)	Bagalkot	2X5	4.26	19.05.2019

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**15. R-APDRP:****I. Part-A project in HESCOM****1. RAPDRP: Overview:**

- ▶ Restructured Accelerated Power Development and Reforms Programme (RAPDRP) is a flagship distribution strengthening programme of Ministry of power, Govt of India launched in July 2008 by MoP during XI Five Year Plan (2007-12)
- ▶ Aims at reducing the overall Aggregate Technical and Commercial (AT&C) losses of distribution companies selected towns to less than 15% over a period of 5 years.
- ▶ The Project area comprises of Towns having population more than 30,000 as per 2001 Census.
- ▶ 29 towns of HESCOM were selected under RAPDRP Part-A project.
- ▶ PFC has been designated as the nodal agency to operationalise and implementation of the programme and shall act as a single window service under overall guidance of MoP.

2. PART-A IT initiatives mainly comprises of :-

- Provide solution for all the MODULES as enumerated below:

1. Meter Data Acquisition	11. Asset Management
2. Energy Audit	12. Asset Maintenance
3. New Connection	13. GIS based customer Indexing and asset mapping
4. Disconnection & Dismantling	14. GIS based integrated network analysis module
5. Development of Commercial Database of Consumers	15. Management Information System(MIS)
6. Metering	16. System Security Requirement
7. Billing	17. Identity and Access Management system
8. Collections	
9. Centralized Customer Care Services	
10. Web Self Service	

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3. RAPDRP Part-A : STAKE HOLDERS

I. RAPDRP Part-A project in HESCOM

1. RAPDRP: Overview:

- ▶ Restructured Accelerated Power Development and Reforms Programme (RAPDRP) is a flagship distribution strengthening programme of Ministry of power, Govt of India launched in July 2008 by MoP during XI Five Year Plan (2007-12)
- ▶ Aims at reducing the overall Aggregate Technical and Commercial (AT&C) losses of distribution companies selected towns to less than 15% over a period of 5 years.
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13. New Connection	16. GIS based customer Indexing and asset mapping
14. Disconnection & Dismantling	18. GIS based integrated network analysis module
15. Development of Commercial Database of Consumers	19. Management Information System(MIS)
16. Metering	20. System Security Requirement
17. Billing	21. Identity and Access Management system
18. Collections	
19. Centralized Customer Care Services	
20. Web Self Service	

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3. RAPDRP Part-A : STAKE HOLDERS

- ▶ **IT Consultant** - M/s. Reliance Infrastructure ltd., and M/s Ernst & Young LLP were appointed as IT consultant for Program Management of R-APDRP (Part- A) project in HESCOM during implementation stage.
- ▶ **IT Implementation Agency** - M/s. Infosys Ltd were appointed as a common IT Implementation Agency for all the ESCOMs of Karnataka during Dec-2009 at a total cost of Rs. 386.68 Crores with scope and quantities as per the RFP. HESCOM revised DWA cost of Rs. 37.18 Crores.
- ▶ **TPIEA-IT** – M/s. PGCIL have been appointed as the Third Party Independent Evaluation agency (TPIEA-IT) for all ESCOMs in Karnataka by PFC for verification and certification of completion of project implementation.
- ▶ **Network Bandwidth Service Provider (NBSP)**
 - Primary:** DWA was to M/s Reliance communication Ltd for providing Primary network services on 05.12.2016. M/s Reliance Communication Ltd.,. has delivered 143 no.s of links out of 143. The period of contract is 5 years period (up to 05.12.2021).
 - Secondary:** DWA was issued to M/s Bharti Airtel Ltd.,. for providing Secondary network services on 10.06.2016. M/s Bharti Airtel has delivered 133 no.s of links out of 133. The period of contract is 5 years (upto 10.06.2021).
- ▶ **Installation of modems for HT,BM, DTC & Feeder meters and communication:**

Supply/ installation/Commissioning of GPRS Modems at Feeder, Boundary Meter, HT & DTC is Completed.

4. RAPDRP Part-A: Current status:

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- ✓ All the modules have been implemented in RAPDRP system.
- ✓ RAPDRP Part-A project has been implemented in all the 29 towns in HESCOM and are declared Enterprise "Go-Live" as on 23.03.2016 to PFC.
- ✓ Project completion timeline extension was approved by PFC till 31.12.2017 with loan closing date as 31.03.2018.
- ✓ RAPDRP Part-A Project Closure in all ESCOMs of Karnataka is approved by 12th Monitoring Committee meeting under MoP dated 18.06.2018. Project completion and final As-built DPR approved by PFC for HESCOM amounting to Rs.64.79 Crores on 06.07.2018.
- ✓ Facility Management Service (FMS) is effective for 5 years from 01.04.2016 to 31.03.2021.
- ✓ Annual Technical support Licensee, annual technical support of hardware and software are regularly updated in RAPDRP system.

✓ **Online payment:**

- Online payment facility is available to the consumers of RAPDRP Part-A towns of HESCOM. All HESCOM Consumers of R-APDRP towns can visit the website www.hescom.co for User Registration, Online Payment, new connection, consumer complaints, name change and tariff change etc.
- Karnataka Mobile One, Paytm & BBPS online payment facility is also available to pay the consumers bill.

✓ **Post Go-live reports:**

Post Go-live reports (D1 to D7) are uploaded in IPDS and HESCOM website every month regularly.

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(13) 18/03/2018
18/03/2018
18/03/2018
18/03/2018



NPP data: NPP data of feeder transaction, Customer care & feeder transaction monthly reports were uploaded in NPP portal every month regularly.

II. IPDS IT Phase-II Project in HESCOM

1. IPDS IT Phase-II Overview:

- a) Govt. of India launched Integrated Power Development Scheme (IPDS) for the urban areas having population more than 5000 with the following objectives
- Strengthening of sub-transmission and distribution network
 - Metering of distribution transformers /feeders / consumers
 - IT enablement of distribution sector and strengthening of distribution network
 - R-APDRP will get subsumed in this scheme
 - Common IT solution for both RAPDRP and IPDS areas
 - Power Finance Corporation (PFC) is the nodal agency for IPDS IT Enablement.
 - BESCOM is the nodal agency on behalf of all ESCOMs in Karnataka
 - 44 Towns were selected under IPDS IT phase-II project in HESCOM.

2. Funding Mechanism & Timeline

The financial support by GoI to an extent of 60% of sanctioned DPR convertible to grant (Max. 75% if the project is completed within timeline) DPR cost Approved by PFC is Rs. 10.22 Crores for HESCOM. 16th MCM stipulated timeline for implementation till 30.09.2021 and financial closure till 31.12.2021.

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19/09/2021
19/09/2021
19/09/2021

**3. IPDS IT Phase-II: Different packages Scope of Work:**

Sl. No	Packages	Scope of work	Awarded firm	Award Date	Contract Period
1	DC-DRC Hardware and Software refresh across all ESCOMs of Karnataka	<ul style="list-style-type: none">• Data Centre (DC): Hardware and Software refresh• Disaster Recovery Centre(DRC)• Facility Management Services(FMS) : FMS for DC and DRC for 5 years after completion of implementation• Annual Maintenance Cost (AMC) & Annual Technical Support (ATS) AMC for hardware infrastructure and ATS for software products for 5 years after the expiry of the warranty/support of 3 years from the date of installation	M/s. Infinite computer solutions. NCR	26.03.2020	24 months from the issue of DWA
2	IPDS towns - GIS survey	<ul style="list-style-type: none">• Procurement of satellite Imagery for base map creation• GPS Based survey & Asset Mapping• Consumer Indexing data integration• Asset ID painting• Incremental data capture and updation till Go-live	M/s. Cyberswift Infotech Pvt. Ltd Kolkata	26.03.2020	18 months from the issue of DWA
3	IPDS towns - Fixing of Modems	<ul style="list-style-type: none">• Supply & installation of Modems for DT, HT, Boundary and Feeders• Enabling AMR	M/s Analogics Pvt. Ltd.	30.03.2020	9 Months from the date of intimation to the firm by BESCOM
4	IPDS Town - IT Infrastructure	<ul style="list-style-type: none">• Supply & installation of Computers, Printers, SBD, Bar code reader, IP Phones, Switches	M/s Idea Infinity Pvt. Ltd.	10.09.2020	6 Months from the date of intimation

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Sl. No	Packages	Scope of work	Awarded firm	Award Date	Contract Period
		etc., • Supply of Workstations			to the firm by BESCO

4. IPDS IT Phase-II: Current status:

a) IPDS Towns Modem Fixing

Sl. No.	Modem Count				Total
	HT	DTC	BM	FEEDER	
1	206	1027	18	59	1310

Master data being gathered by ESCOMs for Feeders, DTCs, HT, BM installations in towns where GIS survey is completed and work to start subsequently.

b) IPDS Towns IT Infrastructure:

IT hardware has been delivered to centralised store by vendor on 21.11.2020 and inspection of materials is completed. Installation work at concerned offices will start post distribution of IT hardware at various offices as per allocation order issued.

c) IPDS Towns GIS Survey

Challenges -

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- ✓ Additional field resources for survey have been deployed, however more resources are needed to complete within project timelines

Sl. No.	Activity	HESCOM		Remarks
		Planned	Actual	
Field Survey				
1	Survey and mapping of network entities using GPS method	5	5	Navalagund, Annigeri, Kalaghatagi, Alnavar & Mulgund Town is completed. Ongoing survey for Shiratti Town is started on 10.12.2020 and town survey in progress
2	Data Validation	5	0	Data model finalized and shared along with sample town data to M/s CyberSWIFT and is under review

d) DC-DR Hardware & Software refresh across all ESCOMs:

IT Hardware	IT Software	Application Modules
a).Progress so far - •Router, Firewall and Storage has been procured by BESCOM •Load Balancer supplied on 30-09-2020 •Server and network devices delivered on 04-12-2020 b).Future targeted activities •Commissioning targeted to start in December 2020	a).Progress so far - Licenses supplied for RedHat, Microfocus, ESRI-ATS, ArcServe and Oracle Suite b).Future targeted activities Microsoft Server OS and other licenses to be supplied in December 2020	a).Progress so far - AS-IS session and documentation for all modules submitted and under review DC-DRC and Application HLD documentation submitted and under review b).Progress in Nov '20 Walkthrough/ Integrations sessions for To-Be in progress c).Future targeted activities Documentation to be submitted for TO-BE sessions

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16. Nirantara Jyoti Yojane

Nirantara Jyoti Yojane is a prestigious project of Govt. of Karnataka and is being implemented in HESCOM with intension to bifurcate feeders into Agricultural loads and non-Agricultural loads to provide 24 Hrs quality power supply to rural Non-Agricultural loads and to provide quality power supply to IP set consumers during a specified period based on the availability of power.

During GOK session at Belgaum, on 21-01-2009 a meeting was held under the Chairmanship of Hon'ble Power Minister, GOK and was decided to implement Niranthara Jyothi Yojane in line with the Jyothi Gram Yojane implemented in the state of Gujarat. As per the Govt. Order No.EN166; EMC 2010; BENGALURU Dt. 20-10-2010, it was directed to implement NJY in two phases in BESCO, CESC, GESCOM and HESCOM. Further regarding the financial assistance it was decided to take up the project with 40% GOK equity and 60% loan from financial institutions.

As per the note issued by BESCO, BESCO/BC-46/F-3551/2008-09/48, Dt;10-06-2009, it was decided to execute the works on partial turnkey basis and BESCO was made nodal agency and authorized to invite tenders for all the major materials such as poles, conductor and insulators on behalf of other ESCOMs. Further it was also decided to procure distribution transformers and 11KV switchgears required for the project from M/s KAVIKA and M/s MEI respectively.

In HESCOM totally there were 48 Talukas, out of which 11 Taluks in Uttara- Kannada Districts which are already being fed with 24 Hrs power supply and hence they are excluded from NJY Scheme. Pilot Project has been implemented in three Talukas namely Bailhongal in Belgaum District, Shiggaon & Savanur Taluks in Haveri District. In the remaining 34 Taluks, it was proposed to implement NJY works in 2 - phases as hereunder.

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Phase-I; covering 20 Talukas and No. of feeders proposed were 242 Nos.

Phase-II; covering 14 Talukas and No. of feeders proposed were 202 Nos.

Tender for execution of NJY works under phase-I were invited Item wise and tenders for phase-II were invited on lump sum basis. Major materials such as Poles, Conductor, Transformers, Switch gears and Insulators have been procured and supplied by HESCOM for NJY works under phase-I, whereas for phase-II only Transformers, Conductor and Switch gears are supplied by HESCOM. The estimated cost was arrived considering the rates as per SR-2009-10 and compared the quoted rates with updated estimates as per SR-2010-11. DWA's for phase-I were issued with completion period of 9 Months and for phase-II 6 Months from the date of DWA. Due to field problems such as ROW issues, Approval for railway crossing, Forest clearances, opposition from farmers for erection of poles in their field and labor problems etc., there was delay in completion of the works within the stipulated time.

M/s. CPRI Bangalore is appointed as third party independent evaluating agency and has been awarded with the work of inspection of 50% of feeders with detailed inventory and evaluation of NJY works with consequent benefits achieved after implementation. M/s. CPRI have opined that, NJY is more helpful in arranging quality power for 24Hrs to rural areas and development of rural areas with socio economic changes. There is reduction in peak load on the system.

Further the works have been completed by the end of July-2017 and progress achieved is as hereunder

Pilot; Total No. of feeders- 22 Nos.

No. of feeders completed -22 Nos.

No. of feeders commissioned -22 Nos.

Phase-I; Total No of feeders - 242 Nos.

No. of feeders completed -242 Nos.

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No. of feeders commissioned -242 Nos.

Phase-II; Total No of feeders -202 Nos.

No. of feeders completed-202 Nos.

No. of feeders commissioned-202Nos.

Hence 100% of the work have been completed on 24.07.2017.

The main intension of implementation of NJY is bifurcation of Agricultural and Non Agricultural loads to facilitate 24Hrs quality power supply to Non IP loads and to provide quality power supply to IP loads for assured specified period has been achieved in the areas where the NJY has been already implemented. So far NJY has been extended to **3520 No's** of villages. By implementing NJY works number of interruptions have been reduced to considerable level. At present all the NJY feeders are being fed with 24Hrs power supply. Due to implementation of NJY, metered sale of energy has been increased, technical loss has been reduced and failure rate of Transformers has been reduced. There is increase in metered energy and due to bifurcation of IP loads and Non IP loads the energy consumption of IP loads can be assessed from the energy recorded in Station end. There is improvement in tail end voltage level for both Non-IP and IP set consumers. NJY has resulted in reduced No. of interruptions. Till date **Rs. 469.85 Cr** expenditure has been booked for NJY works under Phase-I & II.

NJY Phase-III

Initially a decision was taken to take up NJY works under phase-I & II covering 34 Talukas excluding the areas covered under RLMS. Later on it was felt necessary to take up NJY works in the areas covered under RLMS also. Hence DPRs were prepared to take up NJY works under Phase-III involving estimated cost of Rs 117.03 Crores and accordingly M/s REC have sanctioned loan to the tune of Rs 101.76 Crores. Till date **Rs. 78.50 Cr** expenditure has been booked for NJY works under Phase-III. The details of works proposed are as hereunder,

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No. of feeders proposed: 92

No. of villages to be covered: 575

Estimated cost in Rs Crores: 117.03

Further common PQRs were stipulated for the subject tenders and approved by GOK. Accordingly, District-wise tenders have been floated for Belagavi, Dharwad, Haveri and Gadag. The Detailed Work Awards have been issued for all packages.

Further the progress achieved by the end of July-2019 is as hereunder.

Total No of feeders Proposed - 92 Nos.

No. of feeders commissioned -92 Nos.

No. of Villages electrified so far-575

Hence 100% of the work have been completed on 31.07.2019.

17. Ganga Kalyana Scheme:

Ganga kalyana Scheme was formed during 1983. It is the social responsibility of all ESCOMs, Corporations and Government of Karnataka to energize the IP Sets under this Scheme. Gangakalyana includes 5 Corporations namely Scheduled Caste, Scheduled Tribe, Other Backward, Minority and Vishwakarma Communities. The beneficiaries of all the 5 Corporations have to be furnished by the District Officers of the respective Corporations

Energisation of Borewells under Ganga kalayan Scheme is a social obligatory work, the progress of which is closely monitored from the Energy Department and the Chief Minister Office, GOK.

The applications pertaining to the above corporations are registered year on year and targets are fixed by GOK. Target for energisation of 4500 Nos. of GK IP sets is fixed for the FY 2019-20 by GOK.

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In order to achieve the targets and to energise the GK IP sets on top priority, tenders are processed on Total Turn Key Rate Contract Basis and work award have been issued.

The reconciled statistics jointly signed by District Managers of concerned corporation and HESCOM Officials will be submitted to Corporate Office. As per this, monthly Progress will be submitted to KPTCL for review in MMR Meetings and CMO Dash Board.

In the financial year 2019-20 total **3722 Nos.** of IP sets have been energized in HESCOM.

18. Drinking Water Supply Works:

HESCOM has taken up energisation of Drinking Water Supply installations on top priority. As and when the applications are registered by the local bodies necessary action is taken to create required infrastructure by extending necessary HT/LT lines and erection of transformers.

In order to arrange power supply, tenders have been invited Division/Sub-division wise on Rate Contract Total turnkey basis and work award will be issued.

In the financial year 2019-20 total **1347 Nos.** of water supply installations have been energized in HESCOM.

19. Deendayal Upadaya Gram Jyoti Yojana (DDUGJY) Scheme

Deen Dayal Upadhyaya Gram Jyoti Yojana , (DDUGJY) is a Government of India scheme designed to provide continuous power supply to rural India.

The **DDUGJY** scheme will enable to initiate much awaited reforms in the rural areas. It focuses on **feeder separation (rural households & agricultural) and strengthening of sub-transmission & distribution infrastructure including metering at all levels** in rural areas. This will help in providing round the clock power to rural households and adequate power to agricultural consumers.

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The earlier scheme for rural electrification viz. Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) has been subsumed in the new scheme as its rural electrification component.

The Final District wise and component wise DPR's of HESCOM was prepared as per the allocation and the DDUGJY DPR's are uploaded in the DDUGJY web portal 01.12.2016 for **Rs. 332.12 Cr.**

Accordingly, the component wise and District wise final allocation within HESCOM is as noted below;

DPR Approved (District wise & component wise) under DDUGJY Scheme.								
Rs in Crores								
Sl. No	Name of the District	Electrification of UE Villages	Feeder Separation	Connecting / Un-connecting Households	Metering	System Strengthening	Sansad Adarsh Gram Yojana (SAGY)	Total
1	Bagalkot	0.00	3.50	4.66	11.17	11.79	3.62	34.74
2	Belgaum	1.23	3.50	12.27	26.66	35.94	3.24	82.84
3	Bijapur	0.00	5.30	7.59	24.48	9.93	0.42	47.72
4	Dharwad	0.00	7.03	2.06	21.86	5.46	0.74	37.15
5	Gadag	0.00	9.21	3.98	8.75	1.87	0.93	24.74
6	Haveri	0.00	10.00	6.19	7.08	25.66	0.00	48.93
7	Uttara Kannada	21.94	0.00	11.58	12.24	9.28	0.96	56.00
Total		23.17	38.54	48.33	112.24	99.93	9.91	332.12

- HESCOM has invited the District wise tenders on Total Turkey Basis for Feeder Separation, SAGY, connecting to unconnected Households ,System strengthening works and 33/11 kV Substation & Line works(12 packages) on 26.09.2016 amounting to **Rs. 196.76 Crores** by considering the finalized Maximum CPP rates of MOP for high Key Value Materials.

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