

# **Annexure-D**

Railway

Annexure - D,

ENERGY Purchase of GESCOM for the year 2018-19 from different sources

S/IN	Energy of KPTCL	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total
	NET INPUT ENERGY TO GRID													
1	KPC Hydro	202083240	121971687	133937117	196200483	327063089	282494083	235125072	234364591	266995719	276299574	259626539	277583160	2813744354
2	KPC -Thermal	94905344	82017614	41472847	27124520	19415392	75443727	69928556	66132311	77067617	57067001	60179631	94154366	764808926
3	KPL -Solar	180075	151375	117425	104650	100275	128100	139300	148575	131425	133875	128800	123375	1587250
4	Central generating	222104422	162592024	161953617	163547235	141157296	166876817	202029830	230117291	242958292	267073796	245944873	298355593	2504711085
5	South western Railways(UI)	-96435	-82947	-251641	-156511	-221146	361478	124243	328	-80795	261666	-196675	-661805	-1000241
6	Cogen ST&MT	6979216	1586968	113714	237520	6683716	9364711	9423815	31852562	50734043	51804317	42860003	25536903	237377487
7	UI	-1035320	-5760865	-5510689	-1804203	1436953	903404	2485107	1231814	-2060844	-704401	1797459	3388522	-5633061
8	TBHE	-17554	-48319	-84449	710261	2291008	1289272	1063802	103132	449937	412395	92017	357612	6609113
9	Jurata	0	0	0	4432289	5385974	171976	42994	-19543	-19543	-23451	-31268	-19543	9919885
10	M/s UPCL	65129529	60197779	44111420	10964378	12123809	43466389	79575808	58434516	28623099	27494042	29990131	68850235	526961135
11	Short term.	59832864	60896379	0	0	0	0	0	0	0	0	0	0	120729243
12	NTPC VVNL Solar	1997260	2090481	1834590	1592589	1555808	1593956	1560129	1259052	1251293	1212640	1192349	1769576	18909714
13	NTPC VVNL Coal	5374300	5033157	3936571	3672182	3332190	4524722	4415600	4613415	4942300	5386096	4795588	5512458	55528578
14	NSM solar(Bundled)	16094785	17250858	15538706	13219853	12789244	15907451	18173150	15881300	16137220	18786525	17538786	19117490	196435368
15	NSM coal(Bundled)	27473812	26591659	25134456	25855640	24298356	24942021	27304555	26441120	24135744	25982316	22519649	28562876	309242184
16	IEX		-111723	-3410149	-10623908	-27673923	-14412001	-26902446	-6936569	-6533367	-3028565	-115736	0	-99748387
A	Energy input to the Grid (in IS)	701005537	534376125	418893525	435076977	529938041	613056107	624379494	663623895	704732141	728167827	686312146	820630818	7460182634
17	Co-generation	1963325	1961700	1986900	2219400	2226300	1418700	5429200	1452625	18904975	15103150	12131475	8136300	86024050
18	Bio-Mass	1382027	1803182	2761815	2485665	1475250	3454920	1388817	4711152	1238762	4447017	4759872	4352507	30020986
19	IPPs Mini Hydel	505991	888079	5666355	16483375	29763630	24023109	14782015	8172288	1704064	1761765	2108335	1707545	107566551
20	Wind Mills	53992037	84661314	194815843	293125447	272046326	109831408	93509354	78698502	86207015	72130565	89856317	67007930	1495877058
21	Infirm/banked Non solar	982140	3703200	5609821	4005743	3018148	2749703	5599015	4069301	7164511	918798	637128	14099082	52556590
22	Solar	43270256	43669946	37170331	33784264	40141213	54000773	59586013	54851785	52617284	67306058	67294650	81549599	635242172
23	Infirm/banked solar	4778961	9833797	9896326	2446560	2777092	0	0	0	0	0	0	26347231	56080967
B	TOTAL (19 to 24) NCE	106875737	146521218	257907391	354550454	351447959	195478613	180294414	160800653	167836611	161667363	176787777	203200194	2463366374
24	GRAND TOTAL=A+B (Net Input Energy)	807881274	680897343	676800916	799627431	881386000	808534720	804673908	824424548	872568752	889825180	863099923	1023831012	99233551008
25	GRAND TOTAL in MU	807.8813	680.8973	676.80092	789.6274	881.386	808.5347	804.6739	824.4245	872.57	889.8252	863.0999	1023.831	9923.55

Energy Balance  
SRPTV  
Grand Total

*Ahmed*

Executive Engineer  
Regulatory Affairs  
Corporate Office,  
GESCOM, KAI APUR.

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**IEX**

**Annexure - D2**

**ENERGY AND COST FOR THE PERIOD APRIL 2017-18**

New short term allocation	Energy in Mus	Rate in Rs/unit	Amount in Cr	Apr-18			Total energy (in Kwh)	Energy allocation			Cost allocation					
				Open Access Charges in Rs Cr	Total Rs in Cr	Total cost (in Rs)		GESCOM	Total	GESCOM	Total	GESCOM	Total			
IEX																
May-18																
Jun-18																
IEX - Sale by ESCOMs	-27.47	3.55	-10.84	1.09	-9.75	-9 74 78 393	-2 74 70 850	-34 10 149	-2 74 70 850	-1 21 00 675	-9 74 78 393	GESCOM	13 6830	100	13 6830	100.00
IEX - Sale by ESCOMs	-85.58	3.71	-34.48	2.71	-31.77	-31 77 42 985	-8 55 82 167	-1 06 23 913	-8 55 82 167	-3 94 43 661	-31 77 42 985	GESCOM	12 5000		12 5000	100.00
Jul-18																
Aug-18																
IEX - Sale by ESCOMs	-222.93	3.02	-74.41	7.04	-67.37	-67 36 68 452	-22 29 30 000	-2 76 73 861	-22 29 30 000	-8 36 27 181	-67 36 68 452	GESCOM				
Sep-18																
IEX - Sale by ESCOMs	-116.10	4.64	-58.18	4.35	-53.83	-53 82 60 182	-11 60 97 543	-1 44 12 001	-11 60 97 543	-6 68 18 004	-53 82 60 182	GESCOM				
Oct-18																
IEX - Sale by ESCOMs	-216.72	5.92	-136.30	8.11	-128.20	-128 19 56 062	-21 67 15 775	-2 69 02 446	-21 67 15 775	-15 91 38 180	-128 19 56 062	GESCOM				
Nov-18																
IEX - Sale by ESCOMs	-55.88	3.62	-22.26	2.02	-20.23	-20 23 39 388	-5 58 78 340	-69 36 569	-5 58 78 340	-2 51 17 805	-20 23 39 388	GESCOM				
Dec-18																
IEX - Sale by ESCOMs	-52.63	3.49	-20.11	1.74	-18.37	-18 36 38 822	-5 26 30 295	-65 33 367	-5 26 30 295	-2 27 98 855	-18 36 38 822	GESCOM				
Jan-19																
IEX - Purchase by ESCOMs	0.26	4.21	0.10	0.01	0.11	11 03 999	2 62 500	32 586	2 62 500	1 37 047	11 03 999	GESCOM				
IEX - Sale by ESCOMs	-24.66	3.66	-9.85	0.82	-9.03	-9 03 20 532	-2 46 59 453	-30 61 151	-2 46 59 453	-1 12 12 120	-9 03 20 532	GESCOM				
Feb-19																
IEX - Sale by ESCOMs	-0.93	3.16	-0.33	0.03	-0.29	-29 41 777	-9 32 323	-1 15 736	-9 32 323	-3 65 183	-29 41 777	GESCOM				
Mar-19																
IEX - Sale by ESCOMs	0.00	#DIV/0!	0.00		0.00	*						GESCOM				

**2018-19**

New short term allocation	Energy in Mus	Rate in Rs/unit	Amount in Cr	2018-19			Total energy (in Kwh)	Energy allocation			Cost allocation					
				Open Access Charges in Rs Cr	Total Rs in Cr	Total cost (in Rs)		GESCOM	Total	GESCOM	Total	GESCOM	Total			
IEX - Purchase by ESCOMs	0.26	4.21	0.10	0.01	0.11	11 03 999	2 62 500	11 03 999	2 62 500	1 37 047	11 03 999	GESCOM				
IEX - Sale by ESCOMs	-802.90	4.22	-366.75	27.91	-338.84	-338 83 66 593	-80 28 96 746	-9 96 69 193	-80 28 96 746	-42 06 21 664	-338 83 66 593	GESCOM	12 5000	100	12 5000	100.00
IEX - Sale by ESCOMs												GESCOM	13 6830	100	13 6830	100.00
sale in IEX	-802.90	4.22	-338.84									GESCOM				
Purchase in IEX	0.26	4.21	0.11									GESCOM				

**Executive Engineer**  
Regulatory Affairs  
Corporate Office,  
GESCOM, KALABURGI

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