

3-1(9)

Form D 31

Power Purchase Expenses
 JVVNL
 Jodhpur Discom

FY 2019-20

Name of Distribution Licensee
 Licensed Area of Supply

S No	Source of Power (Station wise)	Installed Capacity	State Share (%)	State Share (MW)	Normative Available Energy (MU)	Dispatch Energy (MU)	Energy Received (MU)	External Losses within the State (%)	External Losses outside the State (%)
1	2	3	4	5	6	7	8	9	10
CENTRAL GENERATING STATIONS									
A NTPC									
1	ANTA GTPS	419	20%	83.07	558	19	18	3.85%	0.00%
2	AURIYA GTPS	663	9%	61.03	410	7	7	3.85%	3.15%
3	Bhadla	250	100%	250.00	439	435	418	3.85%	0.00%
4	DADRI GTPS	830	9%	77.00	517	49	45	3.85%	3.15%
5	FGUTPS-I	420	5%	19.99	134	54	50	3.85%	3.15%
6	FGUTPS-II	420	9%	38.01	255	58	54	3.85%	3.15%
7	FGUTPS-III	210	11%	23.00	155	32	30	3.85%	3.15%
8	FGUTPS-IV	500	15%	74.09	521	520	484	3.85%	3.15%
9	FSTPS	1600	1%	11.04	74	49	45	3.85%	3.15%
10	KHSTPS I	840	3%	25.54	172	130	122	3.85%	3.15%
11	KHSTPS & II	1500	7%	106.65	717	565	526	3.85%	3.15%
12	RHIND STPS	1000	10%	95.00	638	630	587	3.85%	3.15%
13	RIHAND II	1000	10%	100.00	784	777	724	3.85%	3.15%
14	RIHAND III	1000	12%	115.20	865	805	750	3.85%	3.15%
15	SINGUJALI	2000	15%	300.00	2016	1990	1853	3.85%	3.15%
16	SINGUJALI-Hydel	8	23%	1.87	13	1	1	3.85%	3.15%
17	KHPS-I	800	11%	85.84	577	317	295	3.85%	3.15%
18	NCTPS 2	980	5%	47.04	316	5	4	3.85%	3.15%
19	NSM Bundled	1185		0.00	3240	3240	3017	3.85%	3.15%
	TOTAL NTPC	15625		1514	12403	9682	9030		
B NHPC									
1	TANAKPUR HEP	94	12%	10.86	73	41	38	3.85%	3.15%
2	SALAL HEP	690	3%	20.36	137	98	92	3.85%	3.15%
3	CHAMERA-I	540	20%	105.84	711	485	451	3.85%	3.15%
4	CHAMERA-II	300	10%	29.01	195	148	138	3.85%	3.15%
5	CHAMERA-III	231	11%	25.21	169	115	107	3.85%	3.15%
6	URI HEP	480	9%	43.01	289	256	238	3.85%	3.15%
7	URI HEP II	240	12%	28.59	192	173	161	3.85%	3.15%
8	DHOLIGANGA	280	10%	26.99	181	119	111	3.85%	3.15%
9	DULHASTI	390	11%	42.43	285	242	226	3.85%	3.15%
10	PARBATI III	520	11%	56.73	381	72	67	3.85%	3.15%
11	SEWA II	120	11%	13.01	87	48	45	3.85%	3.15%
	Total			13.01	87	48	45		

Discoms ARR format 2019

23 SUPRINTENDING ENGINEER (RA&M)
 JODHPUR DISCOM JODHPUR

Power Purchase Expenses
Name of Distribution Licensee
Licensed Area of Supply
JdVVVNL
Jodhpur Discom

FY 2019-20

	Total NHPC	3885		402	2702	1798	1674		
Rajwest		1080 00	100%	1080	7096	5963	5734	3.85%	0.00%
NPCIL									
1 NAPP		440	10%	44 00	284	284	273	3.85%	0.00%
2 RAPP-I& II		200	100%	200 00	685	685	659	3.85%	0.00%
3 RAPP-III& IV		440	28%	125 00	1036	1036	996	3.85%	0.00%
4 RAPP-V& VI		440	20%	87 74	662	662	637	3.85%	0.00%
Total NPCIL		1520		457	2668	2668	2565		
SHARED PROJECTS									
1 BBMB(BHAKRA,DEHAR&PONG		2902	23%	660	4434	2381	2217	3.85%	3.15%
2 CHAMBAL/SATPURA		386	50%	193	1294	580	540	3.85%	3.15%
3 RPF				0	0	183	175	3.85%	0.00%
Total Shared Projects		3288		852	5727	3144	2933		
OTHERS									
1 TEHRI		1000	8%	75	504	235	219	3.85%	3.15%
2 KOTESHWAR		400	8%	33	225	101	94	3.85%	3.15%
3 Tala				0	37	37	35	3.85%	3.15%
Total Others		1400		108	766	373	347		
SJVN									
1 SJVN-NATHPA-JHAKRI		1500	7%	112	753	478	445	3.85%	3.15%
2 Rampur		412	8%	32	214	136	127	3.85%	3.15%
Total SJVN		1912		144	967	614	571		
IPP/UMPP									
1 NEYVELI LIGNITE CORPORATION LTD		250	100%	250	1680	1179	1133	3.85%	0.00%
2 Coastal Gujrat		4000	10%	380	2554	2244	2089	3.85%	3.15%
3 ADANI POWER RAJASTHAN LIMITED		1320	91%	1200	8064	7540	7250	3.85%	0.00%
4 SASAN POWER LTD		3960	9%	372	2500	2974	2770	3.85%	3.15%
5 KARCHAM WANGTOO		1000	10%	104	699	404	376	3.85%	3.15%
6 DB Power		250	100%	250	2154	2154	2006	3.85%	3.15%
7 Maruth		250	100%	250	1680	1410	1313	3.85%	3.15%
8 Teesta		1200	8%	100	672	672	626	3.85%	3.15%
Total IPP/UMPP		12,230 00		2,906 01	20002	18578	17564		
NVVN Bundled									
		570	53%	300	2135	2165	2016	3.85%	3.15%
NCES									
Wind farms									
Solar		4292	96%	4139	7272	6371	6126	3.85%	0.00%
Biomass		3000	80%	2411	4236	2014	1937	3.85%	0.00%
Total NCES		7411	85%	102	685	349	335	3.85%	0.00%
NEW STATIONS outside state									
Disc Stage I (2*660 MW)									
Disc Stage II (2*660 MW)		1320	6%	7 of 7 83	560				3.15%

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SUPRINTENDENT, JODHPUR DISCOM
JODHPUR 240

Power Purchase Expenses
 Name of Distribution Licensee
 Licensed Area of Supply

JdVVNL
 Jodhpur Discom

FY 2019-20

Meja TPS (1320MW)	1320	7%	88	591	153	143	3.85%	3.15%
Total	2640 00		171 32	1151	355	331		
Transmission Charges								
PGCIL								
MARU TRANSMISSION								
Aravali Transmission services								
HADOTI POWER								
THAR POWER								
BARMER POWER								
NRLDC-PSEB								
NRLDC POSCO								
POC charges								
Total Transmission Charges								
RUVNL Trading Margin								
Grand Total	51,561 43		14,587.21	67808	54072	51162		

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SUPRINTENDING ENGINEER (RA&C)
 JODHPUR DISCOM, JODHPUR

FY 2019-20

S No	Source of Power (Station wise)	Unit received at periphery (%)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Incentive (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received (Rs/kWh)
1	2	11	12	13	14	15	16	17	18	19
CENTRAL GENERATING STATIONS										
A NTPC										
1	ANTA GTPS	96.15%	42.26	40.31	4.46	8.32				
2	AURIYA GTPS	93.12%	25.96	26.76	6.23	4.65			48.64	26.09
3	Bhadla	96.15%	0.00	0.00	5.00	217.48			31.41	42.06
4	DADRI GTPS	93.12%	32.56	26.77	3.87	18.83			217.48	5.00
5	FGUTPS-I	93.12%	15.47	13.82	2.98	16.12			45.60	9.36
6	FGUTPS-II	93.12%	24.51	24.99	3.36	19.42			29.94	5.54
7	FGUTPP III	93.12%	21.26	19.82	3.26	10.50			44.41	7.69
8	FGUTPP IV	93.12%	16.50	20.66	3.38	175.95			30.31	9.41
9	FSTPS	93.12%	6.42	6.25	2.39	11.67			196.61	3.78
10	KHSTPS I	93.12%	18.43	17.79	2.25	29.34			17.92	3.68
11	KHSTPS & II	93.12%	81.27	80.39	2.14	120.97			47.14	3.61
12	RHIND STPS	93.12%	55.97	55.68	1.32	83.32			201.35	3.57
13	RHAND II	93.12%	49.95	49.70	1.24	96.08			138.99	2.21
14	RHAND III	93.12%	117.76	116.78	1.32	105.98			145.78	1.88
15	SINGUARLI	93.12%	136.76	136.21	1.37	272.42			222.76	2.77
16	SINGUARLI-Hydel	93.12%	96.89	0.09	25.43	1.47			408.63	2.05
17	KHPS-I	93.12%	96.89	96.89	2.81	88.87			1.56	26.93
18	NCTPS 2	93.12%	0.27	0.27	8.07	3.83			185.76	5.87
19	NSM Bundled	93.12%		215.87	3.11	1008.66			4.09	8.64
	TOTAL NTPC	93.26%	742	949	2.37	2294			1224.53	3.78
									3243	3.35
B NHPC										
1	TANAKPUR HEP	93.12%	9.74	9.74	1.50	6.12			15.86	3.88
2	SALAL HEP	93.12%	7.76	7.62	1.40	13.72			21.34	2.17
3	CHAMERA-I	93.12%	42.43	40.72	1.04	50.54			91.27	1.88
4	CHAMERA-II	93.12%	15.24	15.06	0.96	14.24			29.31	1.98
5	CHAMERA-III	93.12%	26.39	27.17	2.02	23.28			50.45	4.37
6	URI HEP	93.12%	24.00	24.00	1.13	28.80			52.81	2.06
7	URI HEP II	93.12%	49.26	49.31	2.52	43.43			92.74	5.37
8	DHOLIGANGA	93.12%	13.35	15.32	1.10	13.08			28.40	2.38
9	DULHASTI	93.12%	54.90	54.03	2.77	67.03			121.07	5.00
10	PARBATHI III	93.12%	15.76	15.92	2.47	17.88			33.81	4.67
11	SEWA II	93.12%	15.25	15.07	2.46	17.88			26.97	5.56
				15.07 4 or 4						

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SUPERINTENDING ENGINEER (RA&O)
JODHPUR DISCOM, JODHPUR 242

FY 2019-20

Meja TFS (1320MW)	93.12%	19.58	43.57
Total	93.12%	83.96	98.20
Transmission Charges	0.00	2.84	2.77
PGCIL			
MARU TRANSMISSION			1841.13
Aravali Transmission services			37.09
HADOTI POWER			22.93
THAR POWER			17.78
BARMER POWER			16.86
NRLDC-PSEB			23.21
NRLDC POSCO			0.00
POC charges			2.21
Total Transmission Charges			339.74
			2300.95
RUVNL Trading Margin		0.01	17.92
Grand Total	94.62%	5,669.83	16,222.40
			21,792.22
			4.03

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SUPRINTENDING ENGINEER (RA&C)
JODHPUR DISCOM, JODHPUR