

Appendices

Appendix 2.1
(Reference: Paragraph 2.2; Page 11)
Statement showing details of shutdown of plants due to Forced outages, Planned outages and Backing Down Instructions

Year	Total Operating hours	Forced outages		Planned outages		Shut down due to Backing down instructions		Total outages	
		Hours	Per cent	Hours	Per cent	Hours	Per cent	Hours	Per cent
DCRTPP, Yamuna Nagar									
Unit-I									
2016-17	8,760	428	4.89	0	0.00	1,347	15.38	1,775	20.26
2017-18	8,760	154	1.76	1,416	16.16	1,291	14.74	2,861	32.66
2018-19	8,760	1,825	20.83	858	9.79	1,065	12.16	3,748	42.79
2019-20	8,784	67	0.76	0	0.00	2,906	33.08	2,973	33.85
2020-21	8,760	3	0.03	0	0.00	3,289	37.55	3,292	37.58
Total (A)	43,824	2,477	5.65	2,274	5.19	9,898	22.59	14,649	33.43
Unit-II									
2016-17	8,760	687	7.84	618	7.05	1,459	16.66	2,764	31.55
2017-18	8,760	344	3.93	0	0.00	806	9.20	1,150	13.13
2018-19	8,760	203	2.32	0	0.00	1,206	13.77	1,409	16.08
2019-20	8,784	577	6.57	2,462	28.03	1,350	15.37	4,389	49.97
2020-21	8,760	144	1.64	0	0.00	3,280	37.44	3,424	39.09
Total (B)	43,824	1,955	4.46	3,080	7.03	8,101	18.49	13,136	29.97
Total (A+B)	87,648	4,432		5,354		17,999		27,785	
PTPS Panipat									
Unit-V									
2016-17	8,760	12	0.14	0	0.00	7,813	89.19	7,825	89.33
2017-18	8,760	1,225	13.98	0	0.00	6,781	77.41	8,006	91.39
2018-19	8,760	0	0.00	0	0.00	7,787	88.89	7,787	88.89
2019-20	8,784	0	0.00	0	0.00	8,784	100.00	8,784	100.00
Total (A)	35,064	1,237	3.53	0	0.00	31,165	88.88	32,402	92.41
Unit-VI									
2016-17	8,760	73	0.83	0	0.00	7,541	86.08	7,614	86.92
2017-18	8,760	608	6.94	885	10.10	5,368	61.28	6,861	78.32
2018-19	8,760	52	0.59	0	0.00	7,067	80.67	7,119	81.27
2019-20	8,784	0	0.00	0	0.00	8,784	100.00	8,784	100.00
2020-21	8,760	892	10.18	0	0.00	7,588	86.62	8,480	96.80
Total (B)	43,824	1,625	3.71	885	2.02	36,348	82.94	38,858	88.67

Year	Total Operating hours	Forced outages		Planned outages		Shut down due to Backing down instructions		Total outages	
		Hours	Per cent	Hours	Per cent	Hours	Per cent	Hours	Per cent
Unit-VII									
2016-17	8,760	262	2.99	0	0.00	3,550	40.53	3,812	43.52
2017-18	8,760	161	1.84	273	3.12	2,759	31.50	3,192	36.44
2018-19	8,760	107	1.22	0	0.00	2,941	33.57	3,048	34.79
2019-20	8,784	183	2.08	282	3.21	4,303	48.99	4,768	54.28
2020-21	8,760	83	0.95	792	9.04	5,038	57.51	5,914	67.51
Total (C)	43,824	796	1.82	1,347	3.07	18,591	42.42	20,734	47.31
Unit-VIII									
2016-17	8,760	155	1.77	0	0.00	5,559	63.46	5,713.62	65.22
2017-18	8,760	328	3.74	1,294	14.77	3,714	42.40	5,336.62	60.92
2018-19	8,760	118	1.35	0	0.00	1,795	20.49	1,912.36	21.83
2019-20	8,784	2	0.02	0	0.00	3,847	43.80	3,848.38	43.81
2020-21	8,760	37	0.42	0	0.00	6,236	71.19	6,273.19	71.61
Total (D)	43,824	640	1.46	1,294	2.95	21,151	48.26	23,084.17	52.67
Total (A+B+C+D)	1,66,536	4,298		3,526		1,07,255		1,15,078	
RGTPP, Khardar Hisar									
Unit - I									
2016-17	8,760	131	1.50	0	0.00	4,123	47.07	4,254	48.56
2017-18	8,760	428	4.89	0	0.00	3,290	37.56	3,718	42.44
2018-19	8,760	1,300	14.84	0	0.00	3,961	45.22	5,261	60.06
2019-20	8,784	742	8.45	2,568	29.23	3,681	41.91	6,991	79.59
2020-21	8,760	49	0.56	837	9.55	5,189	59.24	6,075	69.35
Total (A)	43,824	2,650	6.05	3,405	7.77	20,244	46.19	26,299	60.01
Unit - II									
2016-17	8,760	302	3.45	1,082	12.35	3,245	37.04	4,629	52.84
2017-18	8,760	1,079	12.32	0	0.00	2,531	28.89	3,610	41.21
2018-19	8,760	456	5.21	0	0.00	3,550	40.53	4,006	45.73
2019-20	8,784	96	1.09	0	0.00	5,197	59.16	5,293	60.26
2020-21	8,760	4,640	52.97	0	0.00	3,240	36.99	7,880	89.95
Total (B)	43,824	6,573	15.00	1,082	2.47	17,763	40.53	25,418	58.00
Total (A+B)	87,648	9,223		4,487		38,007		51,717	
Grand Total (HPGCL)	3,41,832	17,953	5.25	13,367	3.91	1,63,261	47.76	1,94,580	56.92

Appendix 2.2

(Reference: Paragraph 2.5; Page 15)

Statement showing Plant wise variable cost and their positions in merit order with respect to descending order of variable cost for the year 2016-21

Month	2016-17		2017-18		2018-19		2019-20		2020-21	
	Variable cost	Position in Merit order	Variable cost	Position in Merit order	Variable cost	Position in Merit order	Variable cost	Position in Merit order	Variable cost	Position in Merit order
DCRTPP										
April	3.100	11	3.011	11	3.244	8	3.484	8	3.483	10
May	3.200	4	3.094	10	3.325	8	3.464	11	3.519	11
June	3.030	9	3.254	4	3.207	10	3.524	10	3.474	6
July	3.050	9	3.303	7	3.255	9	3.584	8	3.304	10
August	3.050	9	3.654	5	3.394	10	3.634	9	3.524	1
September	3.080	9	3.485	6	3.444	5	3.624	9	3.355	5
October	3.120	8	3.375	8	3.555	6	3.784	3	3.494	3
November	3.100	9	3.415	7	3.395	10	3.784	4	3.364	6
December	3.050	8	3.403	6	3.425	9	3.784	4	3.264	6
January	3.090	10	3.375	5	3.505	7	3.554	10	3.274	5
February	3.034	12	3.355	9	3.535	8	3.734	2	3.404	5
March	3.023	11	3.374	8	3.505	9	3.554	9	3.484	5
Average	3.075		3.342		3.399		3.626		3.412	
Minimum	3.023		3.011		3.207		3.464		3.264	
Maximum	3.200		3.654		3.555		3.784		3.524	
RGTPP										
April	3.190	9	3.011	10	3.305	6	3.574	3	3.572	5
May	3.170	7	3.110	8	3.381	7	3.574	7	3.572	6
June	3.160	7	3.244	5	3.371	6	3.593	5	3.449	9
July	3.200	7	3.568	3	3.371	6	3.653	4	3.781	1
August	3.200	7	3.664	3	3.444	5	3.694	4	3.501	5
September	3.080	8	3.681	3	3.350	9	3.690	5	3.501	4
October	3.140	7	3.605	4	3.426	9	3.751	7	3.671	1
November	3.360	4	3.557	5	3.520	6	3.769	5	3.502	4
December	3.280	5	3.483	4	3.631	5	3.512	11	3.502	4
January	3.030	13	3.472	3	3.586	4	3.562	9	3.303	4
February	3.492	3	3.492	7	3.581	4	3.724	3	3.630	1
March	3.363	2	3.549	5	3.581	5	3.572	5	3.622	1

Functioning of Haryana Power Generation Corporation Limited

PTPS Panipat								
Month	Unit V		Unit VI		Unit VII		Unit VIII	
	Variable cost	Position in merit order	Variable cost	Position in merit order	Variable cost	Position in merit order	Variable cost	Position in merit order
April-2016	3.21	4	3.21	5	3.19	7	3.19	8
May-2016	3.210	2	3.210	3	3.190	5	3.190	6
June-2016	3.250	3	3.250	4	3.160	6	3.180	5
July-2016	3.360	3	3.360	4	3.200	6	3.200	5
August-2016	3.360	3	3.360	4	3.2	6	3.2	5
September-2016	3.710	1	3.180	6	3.150	7	3.200	5
October-2016	3.480	1	3.210	3	3.140	6	3.200	4
November-2016	3.790	1	3.360	3	3.340	6	3.340	5
December-2016	3.790	1	3.360	3	3.120	6	3.340	4
January-2017	3.790	1	3.360	3	3.100	9	3.120	8
February-2017	3.790	2	3.360	4	3.004	13	3.047	10
March-2017	3.794	1	3.363	3	3.089	10	3.220	7
April-2017	3.794	1	3.363	2	3.233	7	3.094	8
May-2017	3.794	1	3.363	2	3.110	7	3.094	9
June-2017	3.794	2	3.818	1	3.219	6	3.693	3
July-2017	3.794	2	3.818	1	3.553	5	3.553	4
August-2017	4.365	1	3.660	4	3.630	6	3.880	2
September-2017	4.260	1	3.650	4	3.630	5	3.990	2
October-2017	4.260	1	3.590	5	3.560	6	3.710	3
November-2017	3.890	1	3.770	2	3.540	6	3.710	3
December-2017	-	-	3.640	2	3.520	3	3.470	5
January-2018	-	-	3.550	1	3.550	2	3.460	4
February-2018	3.890	1	3.550	5	3.550	6	3.580	4
March-2018	3.890	1	3.550	4	3.510	7	3.580	3
April-2018	3.850	1	3.850	2	3.540	4	3.540	3
May-2018	3.850	3	3.850	4	3.580	6	3.580	5
June-2018	3.990	2	3.990	3	3.350	8	3.350	7
July-2018	3.880	2	3.880	3	3.350	8	3.350	7
August-2018	3.900	1	3.900	2	3.420	8	3.420	7
September-2018	3.920	2	3.920	3	3.420	7	3.420	6
October-2018	3.920	1	3.920	2	3.520	8	3.520	7
November-2018	3.672	4	3.672	5	3.502	8	3.502	7
December-2018	3.984	1	3.984	2	3.614	7	3.614	6
January-2019	3.857	1	3.857	2	3.564	6	3.564	5
February-2019	3.894	2	3.894	3	3.554	5	3.554	6
March-2019	3.894	1	3.894	2	3.514	7	3.514	8
April-2019	3.894	1	3.894	2	3.524	6	3.524	7
May-2019	3.894	1	3.894	2	3.594	5	3.594	6
June-2019	3.894	1	3.894	1	3.574	6	3.574	7
July-2019	3.894	2	3.894	2	3.634	5	3.634	6
August-2019	3.894	2	3.894	2	3.677	6	3.677	7
September-2019	3.894	2	3.894	2	3.657	7	3.657	8
October-2019	3.894	2	3.894	2	3.773	5	3.773	6
November-2019	3.894	1	3.894	1	3.799	2	3.799	3
December-2019	3.894	1	3.894	1	3.799	2	3.799	3
January-2020	3.894	1	3.894	1	3.610	5	3.610	6
February-2020	3.894	1	3.894	1	3.553	7	3.553	8
March-2020	3.894	1	3.894	1	3.704	2	3.704	3
April-2020	Unit Decommissioned in March 2020		3.894	1	3.490	1	3.490	1
May-2020			3.894	1	3.520	1	3.520	1
June-2020			3.894	1	3.490	1	3.490	1
July-2020			3.314	7	3.314	7	3.314	7
August-2020			3.514	2	3.514	2	3.514	2
September-2020			3.514	1	3.513	1	3.513	1
October-2020			3.514	2	3.480	2	3.480	2
November-2020			3.514	1	3.510	1	3.510	1
December-2020			3.514	1	3.510	1	3.510	1
January-2021			3.514	1	3.510	1	3.510	1
February-2021			3.514	2	3.500	2	3.500	2
March-2021			3.514	2	3.500	2	3.500	2
Minimum	3.21	1	3.18	1	3.004	2	3.047	2
Maximum	4.365	4	3.99	7	3.874	13	3.99	10

Year	Minimum Variable cost (Unit-I and II)	Maximum Variable cost (Unit-I and II)
DCRTPP		
2016-17	3.023	3.200
2017-18	3.011	3.654
2018-19	3.207	3.555
2019-20	3.464	3.784
2020-21	3.264	3.524
RGTPP		
2016-17	3.030	3.492
2017-18	3.011	3.681
2018-19	3.305	3.631
2019-20	3.512	3.769
2020-21	3.303	3.781

Appendix 2.3

(Reference: Paragraph 2.5; Page 15)

Working showing loss of power due to BDIs shut down

Year	Total Operating hours	Reserve shut down		PLF	Units lost (In MUs)	VC approved by HERC	Value of units lost (₹ in crore)
		Hours	in per cent				
RGTPP Khedar							
Unit-I							
2016-17	8,760	4,123	47.07	85	2,102.73	3.36	706.52
2017-18	8,760	3,290	37.56	85	1,677.90	3.22	540.28
2018-19	8,760	3,961	45.22	85	2,020.11	3.44	694.92
2019-20	8,784	3,681	41.91	85	1,877.31	3.39	636.41
2020-21	8,760	5,189	59.24	85	2,646.39	3.71	981.81
Total	43,824	20,244	46.19		10,324.44		3,559.94
Unit-II							
2016-17	8,760	3,245	37.04	85	1,654.95	3.36	556.06
2017-18	8,760	2,531	28.89	85	1,290.81	3.22	415.64
2018-19	8,760	3,550	40.53	85	1,810.50	3.44	622.81
2019-20	8,784	5,197	59.16	85	2,650.47	3.39	898.51
2020-21	8,760	3,240	36.99	85	1,652.40	3.71	613.04
Total	43,824	17,763	40.53		9,059.13		3,106.06
Total (RGTPP)	87,648	38,007	43.36		19,383.57		6,666.00
DCRTPP, Yamuna Nagar							
Unit-I							
2016-17	8,760	1,347	15.38	85	343.49	3.10	106.48
2017-18	8,760	1,291	14.74	85	329.21	3.10	102.05
2018-19	8,760	1,065	12.16	85	271.58	3.41	92.61
2019-20	8,784	2,906	33.08	85	741.03	3.34	247.50
2020-21	8,760	3,289	37.55	85	838.70	3.64	305.28
Total	43,824	9,898	22.59		2,524.01		853.92
Unit-II							
2016-17	8,760	1,459	16.66	85	372.05	3.10	115.33
2017-18	8,760	806	9.20	85	205.53	3.10	63.71
2018-19	8,760	1,206	13.77	85	307.53	3.41	104.87
2019-20	8,784	1,350	15.37	85	344.25	3.34	114.98
2020-21	8,760	3,280	37.44	85	836.40	3.64	304.45
Total	43,824	8,101	18.49		2,065.76		703.34
Total (DCRTPP)	87,648	17,999	20.54		4,589.77		1,557.26
PTPS Panipat							
Unit-V							
2016-17	8,760	7,813	89.19	35	574.26	3.71	213.05
2017-18	8,760	6,781	77.41	35	498.40	3.33	165.97
2018-19	8,760	7,787	88.89	82.50	1,349.10	3.40	458.69
2019-20	8,784	8,784	100.00	35	645.62	3.62	233.72
2020-21	0	0			0		0
Total	35,064	31,165	88.88		3,067.38		1,071.43

Year	Total Operating hours	Reserve shut down		PLF	Units lost (In MUs)	VC approved by HERC	Value of units lost (₹ in crore)
		Hours	in per cent				
Unit-VI							
2016-17	8,760	7,541	86.08	35	554.26	3.71	205.63
2017-18	8,760	5,368	61.28	35	394.55	3.33	131.38
2018-19	8,760	7,067	80.67	82.50	1,224.36	3.40	416.28
2019-20	8,784	8,784	100.00	35	645.62	3.62	233.72
2020-21	8,760	7,588	86.62	35	557.72	3.81	212.49
Total	43,824	36,348	82.94		3,376.51		1,199.50
Unit-VII							
2016-17	8,760	3,550	40.53	85	754.38	3.58	270.07
2017-18	8,760	2,759	31.50	85	586.29	3.22	188.78
2018-19	8,760	2,941	33.57	85	624.96	3.29	205.61
2019-20	8,784	4,303	48.99	85	914.39	3.49	319.12
2020-21	8,760	5,038	57.51	85	1,070.58	3.69	395.04
Total	43,824	18,591	42.42		3,950.60		1,378.62
Unit-VIII							
2016-17	8,760	5,559	63.46	85	1,181.29	3.58	422.90
2017-18	8,760	3,714	42.40	85	789.23	3.22	254.13
2018-19	8,760	1,795	20.49	85	381.44	3.29	125.49
2019-20	8,784	3,847	43.80	85	817.49	3.49	285.30
2020-21	8,760	6,236	71.19	85	1,325.15	3.69	488.98
Total	43,824	21,151	48.26		4,494.60		1,576.80
Total (PTPS)	1,66,536	1,07,255	64.40		14,889.09		5,226.35
Grand total HPGCL	3,41,832	1,63,261	47.76		38,862.43		13,449.61

Appendix 3.1
(Reference: Paragraph 3.5.3; Page 40)

Statement showing details of time taken in issuing Purchase orders since its requirement and time taken in issuing material since its requirement

Sr. No.	Purchase Order No.	Value of Purchase order (in ₹)	Date of raising of Indent	Date of placement of Purchase Order	Date of receipt of material	Date of issue of material to end user	Time taken to issue purchase order (In days)	Time taken in receiving material by the end users (In days)
DCRTPP Yamuna Nagar								
1	20191025	55,95,000	28 June 2018	30 May 2019	17 December 2019	17 December 2019	336	537
2	20191033	25,71,180	01 March 2019	07 August 2019	13 February 2021	Not issued	216	
3	20191050	55,95,000	20 November 2018	04 November 2019	29 April 2020	29 April 2020	349	526
4	20201019	37,383	16 March 2019	18 March 2020	29 May 2020	04 June 2020	368	446
5	20201053	53,64,857	24 December 2019	26 October 2020	02 June 2021	Not issued	307	
6	20201057	31,26,618	12 March 2019	11 February 2020	20 November 2020	25 November 2020	336	624
7	20211017	52,33,041	03 February 2020	24 February 2021	No supply has been made		387	
8	20161054	4,45,160	28 September 2015	28 April 2016	24 August 2016	29 August 2016	213	336
9	20161056	43,50,000	20 January 2016	03 May 2016	04 May 2016	10 May 2016	104	111
10	20161057	4,70,400	23 July 2015	06 May 2016	06 August 2016	28 March 2017	288	614
11	20161114	2,45,700	09 August 2016	20 December 2016	15 May 2017	30 May 2017	133	294
12	20171008	4,91,312	03 October 2016	13 January 2017	04 March 2017	08 March 2017	102	156
13	20171079	3,34,714	15 November 2016	16 November 2017	28 December 2017	05 March 2018	366	475
14	20171080	21,36,016	03 February 2017	22 November 2017	09 February 2018	09 February 2018	292	371
15	20181002	41,18,238	10 April 2017	04 January 2018	23 March 2018	24 March 2018	269	348
16	20181006	33,77,193	27 October 2017	09 January 2018	15 March 2018	22 March 2018	74	146
17	20181071	17,49,617	15 November 2017	29 May 2018	06 January 2019	23 October 2019	195	707
18	20181096	21,44,531	01 February 2018	16 July 2018	22 October 2018	28 November 2018	165	300
19	20181115	4,29,840	20 March 2017	21 August 2018	15 November 2019	02 December 2019	519	987
20	20181124	50,35,000	08 January 2018	26 September 2018	29 October 2019	18 November 2019	261	679
21	20191006	33,15,380	15 February 2018	12 March 2019	28 March 2019	10 April 2019	390	419
22	20162064	27,54,624	25 January 2016	04 May 2016	10 May 2016	10 May 2016	100	106
23	20162095	95,71,672	24 September 2015	09 September 2016	01 April 2017	28 December 2017	351	826

Sr. No.	Purchase Order No.	Value of Purchase order (in ₹)	Date of raising of Indent	Date of placement of Purchase Order	Date of receipt of material	Date of issue of material to end user	Time taken to issue purchase order (In days)	Time taken in receiving material by the end users (In days)
24	20162096	2,28,01,820	03 February 2016	09 September 2016			219	
25	20162114	9,97,052	23 September 2015	30 September 2016	23 November 2016	29 November 2016	373	433
26	20162126	26,42,920	17 August 2016	07 November 2016	11 January 2017	31 January 2017	82	167
27	20162135	31,58,040	23 July 2015	24 November 2016	31 January 2017	19 April 2017	490	636
28	20162138	71,72,002	27 August 2016	30 November 2016	05 December 2017	28 February 2018	95	550
29	20162141	97,840	23 September 2015	30 November 2016	23 March 2017	08 March 2018	434	897
30	20172003	66,28,185	30 September 2016	09 January 2017	04 April 2017	28 April 2017	101	210
31	20172057	60,25,300	27 June 2017	31 August 2017	24 January 2018		65	
32	20182020	29,24,640	15 November 2016	07 February 2018	22 March 2018	02 May 2019	449	898
33	20172005	36,755	10 August 2016	10 January 2017	24 March 2017		153	
34	20192029	5,57,94,528	20 February 2018	15 March 2019			388	
35	20202021	3,47,82,570	12 September 2019	01 May 2020			232	
36	20162115	7,97,36,199	30 May 2016	03 October 2016			126	
37	20172099	4,99,06,920	30 May 2017	02 December 2017			186	
	Total	34,11,97,247						
						Minimum	65	106
						Maximum	519	987
	Total (<180)	11,56,04,721				Less than 180 days	12	
	Total (180-360)	15,32,70,068				180 to 360 days	15	
	Total (>360)	7,23,22,458				More than 360 days	10	
						Mean	257	474
						Median	261	446
	RGTPP at Khedar							
1	20161117	46,500	07 May 2016	22 December 2016	11 February 2017	18 November 2017	229	560
2	20171049	20,48,200	04 May 2016	06 June 2017	01 September 2017	29 September 2017	398	513
3	20171066	55,50,000	03 November 2016	14 October 2017	27 December 2017	02 April 2018	345	515
4	20171076	54,83,236	28 March 2017	01 November 2017	13 March 2018	30 June 2018	218	459
5	20181020	47,775	03 August 2017	22 February 2018	24 April 2018	02 June 2018	203	303
6	20181024	2,68,800	29 August 2017	27 March 2018	01 August 2018	03 August 2018	210	339

Sr. No.	Purchase Order No.	Value of Purchase order (in ₹)	Date of raising of Indent	Date of placement of Purchase Order	Date of receipt of material	Date of issue of material to end user	Time taken to issue purchase order (In days)	Time taken in receiving material by the end users (In days)
7	20181033	1,47,500	31 August 2017	05 June 2018	01 March 2019	02 March 2019	278	548
8	20181036	35,23,500	03 October 2017	11 June 2018	20 August 2018	27 August 2018	251	328
9	20181078	59,28,000	22 June 2018	30 November 2018	15 February 2019	26 February 2019	161	249
10	20181093	1,59,453	09 April 2018	14 December 2018	21 February 2019	28 February 2019	249	325
11	20191020	27,852	12 April 2018	15 February 2019	24 October 2019	10 January 2020	309	638
12	20191045	26,56,080	16 January 2019	29 May 2019	02 August 2019	02 September 2019	133	229
13	20191057	38,41,000	28 May 2018	06 June 2019	08 July 2019	06 December 2019	374	557
14	20162067	28,29,949	16 October 2014	19 May 2016	08 September 2016	20 February 2017	581	858
15	20162131	50,30,381	29 January 2016	16 September 2016	12 December 2016	13 January 2017	231	350
16	20172089	4,76,892	19 April 2017	09 October 2017	26 December 2017	20 January 2018	173	276
17	20172109	52,88,910	10 May 2017	15 November 2017	28 December 2017	04 January 2018	189	239
18	20172119	9,70,654	12 July 2017	01 December 2017	08 January 2018	03 October 2018	142	448
19	20172121	21,30,408	19 September 2017	04 December 2017	27 November 2018	15 February 2019	76	514
20	20172132	21,89,798	14 September 2017	08 December 2017	16 February 2018	27 February 2018	85	166
21	20182026	1,56,000	26 August 2016	26 February 2018	03 March 2019	03 March 2019	549	919
22	20182075	40,75,560	04 April 2018	16 November 2018	03 January 2019	29 January 2019	226	300
23	20182078	71,10,000	24 April 2017	29 November 2018	12 July 2019	17 August 2019	584	845
24	20182079	64,46,921	10 January 2018	06 December 2018	27 December 2018	27 December 2018	330	351
25	20182081	27,37,950	16 July 2018	13 December 2018	30 December 2018	08 January 2019	150	176
26	20192079	46,40,000	27 September 2018	19 December 2019	26 February 2020	26 February 2020	448	517
27	20202006	62,00,000	03 December 2019	18 February 2020	06 August 2020	13 August 2020	77	254
28	20212036	51,11,845	10 February 2021	31 March 2021	15 May 2021	10 July 2021	49	150
29	12/CHP/RGTPP/F-254	6,37,200	31 May 2018	02 November 2019	30 January 2020	11 February 2020	520	621
30	105/RGTPP/C&I-1/89	80,000	20 January 2020	28 February 2020	15 May 2020	15 May 2020	39	116
31	02/CHP/RGTPP/F-91	31,500	01 June 2020	06 July 2020	09 September 2020	09 September 2020	35	100
32	02/FM/RGTPP/Transport-163	0	05 January 2021	05 February 2021	On demand basis		31	
33	01/fuel/213/RGTPP/2020-21	67,20,000	20 April 2020	29 September 2020	On demand basis		162	

Sr. No.	Purchase Order No.	Value of Purchase order (in ₹)	Date of raising of Indent	Date of placement of Purchase Order	Date of receipt of material	Date of issue of material to end user	Time taken to issue purchase order (In days)	Time taken in receiving material by the end users (In days)
34	20201035	1,43,09,750	01 July 2019	14 May 2020	On demand basis		318	
35	20171059	1,62,14,844	17 September 2016	07 August 2017	On demand basis		324	
36	20161024	1,92,32,000	06 January 2016	19 April 2016	On demand basis		104	
37	20161036	4,14,52,358	03 December 2015	25 May 2016	On demand basis		174	
38	20171052	6,31,05,450	17 April 2017	13 June 2017	On demand basis		57	
39	20171061	2,47,89,588	23 May 2017	11 August 2017	On demand basis		80	
40	20171080	6,23,63,370	19 September 2017	02 November 2017	On demand basis		44	
41	20181041	14,42,38,255	05 February 2018	19 June 2018	On demand basis		134	
42	20191087	16,27,47,216	22 May 2019	16 September 2019	On demand basis		117	
43	20201076	7,11,21,290	08 May 2020	01 December 2020	On demand basis		207	
	Total	71,21,65,985						
						Minimum	31	100
						Maximum	584	919
	Total (<180)	55,31,61,364				Less than 180 days	20	
	Total (180-360)	13,77,42,272				180 to 360 days	16	
	Total (>360)	2,12,62,349				More than 360 days	7	
						Mean	223	412
						Median	203	350
PTPS at Panipat								
1	201610147	62,72,620	25 July 2016	10 November 2016	29 April 2017	14 October 2017	108	446
2	201610200	1,65,02,955	07 April 2016	18 January 2017	01 September 2017	20 October 2017	286	561
3	201610205	13,05,532	27 May 2016	03 March 2017	12 October 2017	13 October 2017	280	504
4	201610236	45,050	15 January 2016	16 March 2017	17 May 2017	16 October 2017	426	640
5	201520524	2,21,136	23 December 2014	19 April 2016	07 July 2016	14 December 2018	483	1,452
6	201620012	38,062	30 March 2015	26 April 2016	Not received		393	
7	201620246	48,84,400	19 August 2015	15 March 2017	11 April 2017	24 April 2017	574	614
8	201630082	7,87,80,750	30 March 2016	15 July 2016	Being Diesel received by the end user directly and issued time to time		107	

Sr. No.	Purchase Order No.	Value of Purchase order (in ₹)	Date of raising of Indent	Date of placement of Purchase Order	Date of receipt of material	Date of issue of material to end user	Time taken to issue purchase order (In days)	Time taken in receiving material by the end users (In days)
9	201630098	4,00,00,502	27 May 2016	01 August 2016	13 August 2016	Lubricant Received by GS Section end user directly	66	
10	201630233	3,94,36,360	30 August 2016	01 March 2017	22 March 2017	Issued in piecemeal	183	
11	201720009	71,754	14 January 2016	27 April 2017	22 April 2020	01 June 2020	469	1,600
12	201720047	2,67,30,000	27 March 2017	09 June 2017	Litigation case (M/s RN Metal)		74	
13	201720157	2,05,80,000	29 October 2017	07 December 2017	01 October 2018	10 October 2018	39	346
14	201730125	50,98,299	19 April 2017	12 October 2017	Being Diesel received by the end user directly and issued time to time		176	
15	201730126	5,35,87,200	19 April 2017	13 October 2017	Being Diesel received by the end user directly and issued time to time		177	
16	201730151	1,00,401	23 March 2017	14 November 2017	18 January 2018	19 January 2018	236	302
17	201730180	1,11,74,055	30 August 2016	10 January 2018	Being Diesel received by the end user directly and issued time to time		498	
18	201730214	11,08,27,175	08 November 2017	07 March 2018	Being Diesel received by the end user directly and issued time to time		119	
19	201730231	3,62,96,384	24 January 2018	24 May 2018	03 March 2018	Issued in piecemeal	120	
20	201730247	1,09,48,673	24 January 2018	15 November 2018	18 June 2019	15 March 2021	295	1,146
21	201730252	7,09,36,000	04 June 2018	08 February 2019	Being Diesel received by the end user directly and issued time to time		249	
22	201930024	2,69,11,200	04 June 2018	27 February 2019	Being Diesel received by the end user directly and issued time to time		268	
23	202010165	54,53,260	14 December 2018	18 September 2020	25 January 2021	Not issued (turbine spare)	644	
24	202020199	4,92,383	01 January 2019	14 October 2020	12 February 2021	12 April 2021	652	832
25	202030217	9,47,47,225	12 May 2020	20 November 2020	29 January 2021	Being LDO Issued in piecemeal	192	
26	202110007	84,500	20 January 2020	19 February 2021	12 March 2021	15 March 2021	396	420
27	202130011	66,50,319	04 October 2019	10 March 2021	Not received		523	
28	201920030	10,08,475	01 May 2018	13 June 2019	27 January 2020	20 March 2020	408	689
29	201930069	32,84,875	08 August 2018	10 July 2019	25 October 2019	28 July 2020	336	720

Sr. No.	Purchase Order No.	Value of Purchase order (in ₹)	Date of raising of Indent	Date of placement of Purchase Order	Date of receipt of material	Date of issue of material to end user	Time taken to issue purchase order (In days)	Time taken in receiving material by the end users (In days)
30	201970105	63,500	08 May 2018	28 August 2019	04 August 2020	05 August 2020	477	820
31	201970071	72,480	25 June 2018	11 June 2019	02 July 2019	10 July 2019	351	380
32	201930108	9,99,28,158	21 November 2018	12 August 2019	23 August 2019	Issued in piecemeal	264	
33	201930127	1,20,000	18 May 2018	23 September 2019	27 November 2019	28 November 2019	493	559
34	201910170	26,17,000	06 August 2018	02 December 2019	06 January 2020	09 January 2020	483	521
35	201930173	22,22,172	06 October 2018	18 December 2019	06 July 2020	08 July 2020	438	641
36	202070012	82,575	11 October 2018	01 January 2020	09 January 2020	10 January 2020	447	456
37	202020028	52,91,433	26 December 2018	13 February 2020	12 May 2020	03 November 2020	414	678
	Total	78,28,66,863						
						Minimum	39	302
						Maximum	652	1,600
						Less than 180 days	9	
	Total (<180)	37,81,72,930				180 to 360 days	11	
	Total (180-360)	36,41,73,859				More than 360 days	17	
						Mean	328	682
						Median	336	614

Appendix 4.1

(Reference: Paragraph 4.1.1; Page 44)

Statement showing loss of interest due to under recovery of energy bills through Fuel Price Adjustment in respect of all three thermal power plants for the period April 2016 to September 2017

Month	Amount recoverable (+)/ payable (-) as per PSL	Amount recovered (+) / paid (-) as per FPA Bill	Net recoverable (+)/ payable (-)	Date of raising FPA Bill	Number of days up to 31 March 2021	Interest recoverable as on 31 March 2021 at the rate of 9.09 per cent
April 2016	(-) 14.18	(-) 12.64	(-) 1.54	10 May 2016	1,786	(-) 0.68
May 2016	(-) 19.43	(-) 17.39	(-) 2.04	08 June 2016	1,757	(-) 0.89
June 2016	(-) 10.26	(-) 14.80	4.54	08 July 2016	1,727	1.95
July 2016	(-) 11.96	(-) 12.05	0.09	08 August 2016	1,696	0.04
August 2016	(-) 7.52	(-) 5.51	(-) 2.01	08 September 2016	1,665	(-) 0.83
September 2016	(-) 11.4	(-) 14.33	2.94	13 October 2016	1,630	1.19
October 2016	6.60	(-) 6.25	12.86	10 November 2016	1,602	5.13
November 2016	(-) 2.32	(-) 5.82	3.51	09 December 2016	1,573	1.37
December 2016	(-) 8.25	(-) 10.72	2.47	06 January 2017	1,545	0.95
January 2017	(-) 1.17	0.45	(-) 1.62	08 February 2017	1,512	(-) 0.61
February 2017	(-) 10.55	(-) 10.53	(-) 0.02	08 March 2017	1,484	(-) 0.01
March 2017	(-) 8.6	(-) 7.87	(-) 0.73	10 April 2017	1,451	(-) 0.26
April 2017	1.79	(-) 3.09	4.88	08 May 2017	1,423	1.73
May 2017	8.00	11.80	(-) 3.80	08 June 2017	1,392	(-) 1.32
June 2017	16.28	15.53	0.75	07 July 2017	1,363	0.25
July 2017	54.09	55.11	(-) 1.02	08 August 2017	1,331	(-) 0.34
August 2017	34.81	44.98	(-) 10.17	08 September 2017	1,300	(-) 3.29
September 2017	19.58	23.21	(-) 3.63	09 October 2017	1,269	(-) 1.15
Total			5.45			3.23

(₹ in crore)

1 Calculated on weighted average rate of interest allowed by HERC during last five years