

न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
NUCLEAR POWER CORPORATION OF INDIA LIMITED

(भारत सरकार का उद्यम)
 (A Govt. of India Enterprise)



कैगा बिजली उत्पादन केंद्र- 3&4

KAIGA GENERATING STATION-3&4

कैगा- 581400, कारवार, कर्नाटक
 Kaiga-581400, Karwar, KARNATAKA.
 Phone: 08382-264037
 Fax : 08382-264037
 Email : pgraichur@npcil.co.in

संख्या: एनपीसीआईएल/केजीएस-3व4/तसेअ/टी-06/२०१७/एस/
 No. NPCIL / KGS-3&4 / TSS / T-07 / 2017 / S / 143

दिनांक: ३० अक्टूबर २०१७
 Date: 30 October 2017

For: Chief Engineer,
 (Plg,Comml & Co-ord),
 Vidyuth Soudha, Kairatabad,
 Hyderabad
 (Fax No. 080-22259343)
Email: cecommercialtspcc@gmail.com

From: Shri. P. G. Raichur,
 Technical Services Superintendent,
 Kaiga Generating Station-3&4,
 Kaiga-581400.

Sub: KGS 1 to 4 energy availability for 2017-18 second half financial year & 2018-19 financial Year -reg

Ref: Letter No. CE (Plg.Comml & Co-ordn)/DE(CGS1)/APR.2017-18/D.No.2420/16.Dt. 04.10.2017

With reference to your above cited letter, following are the projected energy availability data and unit outage plans for KGS-1 to 4, for second half financial year 2017-18 and financial year 2018-19.

1. KGS unit's availability projection data for second half financial year from October-2017 to March-2019.

Month-Year	Unit-1 Generation			Unit-2 Generation			Unit-3 Generation			Unit-4 Generation		
	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)
Oct-2017	198	147	133	198	147	135	198	147	130	198	147	130
Nov-2017	199	143	130	199	143	132	199	143	127	*158 BSD	*114 BSD	101
Dec-2017	198	147	133	198	147	135	198	147	130	*44 BSD	*33 BSD	29
Jan-2018	198	147	133	198	147	135	198	147	130	198	147	130
Feb-2018	198	133	120	198	133	122	198	133	118	198	133	118
Mar-2018	198	147	133	198	147	135	198	147	130	198	147	130

*KGS#4 biennial shutdown is tentatively planned during the month of Nov-2017/Dec-17 for around 45 days duration

2. KGS unit's availability projection data for the financial year from April-2018 to March-2019.

Month-Year	Unit-1 Generation			Unit-2 Generation			Unit-3 Generation			Unit-4 Generation		
	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)
Apr-2018	188	135	122	188	135	124	188	135	119	188	135	119
May-2018	187	139	125	187	139	127	187	139	122	187	139	122

Month-Year	Unit-1 Generation			Unit-2 Generation			Unit-3 Generation			Unit-4 Generation		
	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)	MW	MU	Ex-Bus (MU)
Jun-2018	188	135	122	188	135	124	188	135	119	188	135	119
July-2018	0	*(0) BSD	0	187	139	127	187	139	122	187	139	122
Aug-2018	94	70	63	187	139	127	187	139	122	187	139	122
Sept-2018	188	135	122	188	135	124	188	135	119	188	135	119
Oct-2018	187	139	125	187	139	127	187	139	122	187	139	122
Nov-2018	188	135	122	188	135	124	188	135	119	188	135	119
Dec-2018	187	139	125	187	139	127	0	*(0) BSD	0	187	139	122
Jan-2019	187	139	125	187	139	127	94	70	61	187	139	122
Feb-2019	189	127	114	171	127	116	189	127	112	189	127	112
Mar-2019	187	139	125	187	139	127	187	139	122	187	139	122

*KGS#1 and KGS#3 biennial shutdown is tentatively planned during the month of July-2018/August-18 and December-2018/January-19 respectively for around 45 days duration for each unit.

Regards,

STE-(E&I)-KGS3&4

(Signature)
(पी जी रायचूर P. G. Raichur)
(तकनीकी सेवाएँ अधीक्षक, TSS)

CC: CS/SD-for kind information.

TSS- KGS-1&2, STE (E&I) KGS-1&2/STE (E&I), STE (P)-KGS-3&4

TELANGANA STATE POWER COORDINATION COMMITTEE
VIDYUT SOUDHA:: HYDERABAD

From
The Chief Engineer,
((Commercial)/TSPCC,
Vidyuth Soudha, Kairatabad,
Hyderabad.

To
Shri P.K.Sahoo, Head Finance,
Kaiga Generating Station Unit 1 to 4,
M/s NPCIL,
PO. Kaiga, Uttar Kanada Dist,
Karnataka.
Fax.No. 08382264074.

Lr.No.CE(Comml)/TSPCC/DE(CGSI)/ARR.2017-18/D.No.242/17.Dt.04.10.2017

Sir,

Sub: Details of Month-wise forecast of Energy availability, Variable, and other charges for H2 of F.Y 2017-18 and F.Y.2018-19 for Kaiga Stations - Requested-Reg.

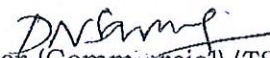
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It is requested to arrange to furnish the month-wise details of forecast of Energy availability, variable & other charges including maintenance schedules pertaining to Kaiga Stations i.e., Kaiga 1 to 4 Units for H2 of F.Y.2017-18 and F.Y.2018-19.

The information is required for filing of Aggregate Revenue Requirement (ARR) and Tariff proposals for Retail supply Business for F.Y 2018-19 before the Telangana Electricity Regulatory commission.

It is requested to furnish the data immediately.

Yours faithfully,


Chief Engineer (Commercial)/TSPCC

Please find attached the Generation details of Unit 2- KKNPP for RE 17-18 and BE 18-19

Month	Gross Generations in Mu's of Unit 2 KKNPP	
	RE 17-18	BE 18-19
APR	464	0
MAY	331	632
JUN	650	612
JUL	744	632
AUG	82	632
SEP	0	612
OCT	0	632
NOV	648	612
DEC	670	632
JAN	670	632
FEB	268	565
MAR	0	0
Total	4527	6193

Thanks and regards

Vamsi krishnan J



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NUCLEAR POWER CORPORATION OF INDIA LIMITED
 (भारत सरकार का उद्यम A Govt. of India Enterprise)
मद्रास परमाणु बिजलीघर MADRAS ATOMIC POWER STATION
 कल्पाक्कम- 603 102 Kalpakkam- 603 102 तमिलनाडु Tamil Nadu

No.NPCIL/MAPS/TU/MIS/2017/S/527

30.10.2017

Sub: Month wise forecast of energy for FY 2018-19 from MAPS -reg.

Ref: Lr.No.CE(Comml)/TSPCC/DE(CGS1/ARR.2017-18/D.No.239/17.Dt.04/10/2017

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Month	Gross Generation Target (MU)			Aux. Cons. (11% of total Generation)	Supply to DAE Estt.	Net Export to Grid (MU) (4)-(5)-(6)
	UNIT-1	UNIT-2	TOTAL	(MU)	(MU)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Apr-2018	127	127	254	28	14	212
May-2018	131	BSD	131	14	14	103
June-2018	127	63	190	21	14	155
July-2018	131	131	262	29	14	219
August-2018	131	131	262	29	14	219
September-2018	127	127	254	28	14	212
October-2018	131	131	262	29	14	219
November-2018	127	127	254	28	14	212
December-2018	131	131	262	29	14	219
January-2019	131	131	262	29	14	219
February-2019	118	118	236	26	14	196
March-2019	131	131	262	29	14	219
Total	1543	1348	2891	319	168	2404

Chief Engineer(Commercial)

TSPCC,

Vidyut Soudha, Kairatabad,
Hyderabad.

(R. K. SETH)

(आर के सेठ)

Tech. Services Superintendent
तकनीकी सेवाएं अधीक्षक



न्यूक्लियर पावर कारपोरेशन ऑफ इंडिया लिमिटेड
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 कल्पाकम- 603 102 Kalpakkam- 603 102 तमिलनाडु Tamil Nadu

No.NPCIL/MAPS/TU/MIS/2017/S/528

30.10.2017

Sub: Month wise forecast of energy for H2 of FY 2017-18 from MAPS -reg.

Ref: Lr.No.CE(Comml)/TSPCC/DE(CGS1/ARR.2017-18/D.No.239/17.Dt.04/10/2017

.....

Month	Gross Generation Target (MU)			Aux. Cons. (11% of total Generation)	Supply to DAE Estt.	Net Export to Grid (MU) (4)-(5)-(6)
	UNIT-1	UNIT-2	TOTAL	(MU)	(MU)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
October 2017	147	147	294	32	14	248
November 2017	143	143	286	31	14	241
December 2017	147	147	294	32	14	248
January 2018	147	147	294	32	14	248
February 2018	133	133	266	29	14	223
March 2018	147	147	294	32	14	248
Total	864	864	1728	188	84	1456

(Signature)
(R. K. Seth)
 (आर के सेठ)

Tech. Services Superintendent
 तकनीकी सेवाएं अधीक्षक

The Chief Engineer(Commercial),
 TSPCC,
 Vidyut Soudha, Kairatabad,
 Hyderabad.



NLC India Limited

(Formerly Neyveli Lignite Corporation Ltd)

CIN: L93090TN1956GOI003507

Navratna – A Government of India's Enterprise

COMMERCIAL DEPARTMENT

Corporate Office, Block-1, Neyveli -607801

Email: commercial@nlcindia.com, Tel:04142-253429, Fax:04142-254429,252645

Lr.No: 129\Comml \TSPCC\2017

Dated: 10.10.2017

To

The Chief Engineer / Commercial / TSPCC
Transmission Corporation of Telangana Limited
TS DISCOMS POOL,
Vidhyut Soudha, Khairatabad
Hyderabad 500 082

Sir

Sub : NLC TPS II (Stage I and II) – TSPCC- Details of month wise forecast
of energy availability ,fixed and variable cost for H2 of FY 2016-17, FY
2017-18 and FY 2018-19 reg.

Ref : CE (Comml)/TSPCC/ DE(CGS)/ARR 2016-17/D.No 243/17 dtd 04.10.2017.

The information sought vide ref. cited for filing of Aggregate Revenue Requirement (ARR) before TERC, the month-wise Energy availability, Fixed, Variable cost and maintenance schedule for H2 of FY 2017-18 and FY 2018-19 in respect of NLC Thermal Power Station II (Stage I -630 MW and Stage II -840 MW) are furnished in the annexures enclosed.

Kindly acknowledge the receipt of this letter.

Yours faithfully,

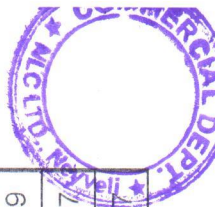
For NLC India Limited,

Dy. General Manager/Commercial

NLC INDIA LIMITED :: NEYVELI
COMMERCIAL DEPARTMENT

NLC TPS II ENERGY AVAILABILITY DATA												
MONTH	Availability in MUs and % (Ex Mines)						CUM availability		TS DISCOMS - Share			
	STAGE-I	STAGE-II	STATION	% St 1	% St 2	Stage I 630 MW			Stage II 840 MW	EC Value	Expected	
								% allocation to TS DISCOMS	EC @ 274.4 paise per Kwhr	Total of AFC and EC (Rs in Lakhs)		
								7.124	10.092			
								Monthly AFC Rs in Lakhs				
Up Sep 17	87.738	90.637				87.738	90.637					
Oct-17	205	394	599	52.79	74.48	7.65	10.79	168.81	305.11	1491.82	1965.74	
Nov-17	284	302	586	75.57	58.99	16.00	16.72	168.81	305.11	1391.48	1865.40	
Dec-17	301	354	655	77.51	66.92	22.93	22.38	168.81	305.11	1568.72	2042.63	
Jan-18	322	426	748	82.91	80.53	29.01	28.27	168.81	305.11	1809.15	2283.07	
Feb-18	291	384	675	82.96	80.37	33.53	32.63	168.81	305.11	1632.24	2106.16	
Mar-18	320	424	744	82.40	80.15	37.68	36.67	168.81	305.11	1799.70	2273.62	
Apr-18	306	429	735	81.42	83.80	81.42	83.80	177.98	373.63	1786.18	2337.80	
May-18	314	441	755	80.85	83.37	81.13	83.58	177.98	373.63	1835.05	2386.67	
Jun-18	293	316	609	77.96	61.73	80.09	76.38	177.98	373.63	1447.85	1999.46	
Jul-18	215	412	627	55.36	77.88	73.80	76.76	166.61	373.63	1561.22	2101.46	
Aug-18	310	327	637	79.82	61.82	75.02	73.73	189.36	342.09	1511.54	2042.99	
Sep-18	221	369	590	58.80	72.08	72.37	73.46	140.45	359.26	1453.87	1953.58	
Oct-18	271	307	578	69.78	58.03	71.99	71.23	165.53	288.01	1379.92	1833.45	
Nov-18	195	387	582	51.89	75.60	69.52	71.76	123.89	376.32	1452.89	1953.10	
Dec-18	288	303	591	74.16	57.28	70.04	70.13	176.13	284.25	1402.07	1862.45	
Jan-19	312	439	751	80.34	82.99	71.09	71.43	190.98	414.30	1825.60	2430.89	
Feb-19	283	395	678	80.68	82.67	71.89	72.37	189.67	407.44	1647.07	2244.17	
Mar-19	311	438	749	80.08	82.80	72.59	73.26	190.44	413.55	1820.88	2424.87	

* As the expected PLF will be less than Normative PLF, there is no claim of incentive



THERMAL POWER STATION II TENTATIVE SCHEDULE						
NLCIL TPS II MAINTENANCE PROGRAMME - ANNUAL ACTION PLAN - 2018 - 2019						
Sl.No.	UNIT	FROM	TO	No. of Days	Works proposed	SBI date
1	I	06-09-18	05-10-18	30	Statutory Boiler Inspection, Furnace & Coil cleaning, RS duct refractory rectification, ABG belt replacements in 1A and 1B, Replacement of bend tubes of Economiser coil, Replacement of bend tubes and connecting tubes of SH2 coil, RLA Study of Boiler.Raph basket change, UPS battery retrofit. Retrofit of 6.6 KV motor protection	18.10.2017
2	II	29-06-18	28-07-18	30	Statutory Boiler Inspection, Furnace & Coil cleaning, RSD duct major repair works, RAPH basket change, ABG belt replacements in 2A, Partial replacement of Hopper and corner waterwall panels as LEP work.UPS battery retrofit.	17.07.2018
3	III	06-11-18	30-11-18	25	Statutory Boiler Inspection, Furnace & Coil cleaning, RS duct refractory rectification, Replacement of bend tubes of Economiser coil, Replacement of bend tubes and connecting tubes of SH2 coil.	11.12.2017
4	IV	01-12-18	30-12-18	30	Statutory Boiler Inspection, Furnace & Coil cleaning, RS duct refractory rectification, RAPH basket change	04.01.2018
5	V	26-07-18	13-09-18	50	Statutory Boiler Inspection, Furnace & Coil cleaning, RS duct refractory rectification, Condition assessment and Major overhaul of TG	21.08.2018
6	VI	01-06-18	30-06-18	30	Statutory Boiler Inspection, Furnace & Coil cleaning, RS duct refractory rectification, ABG belt replacements in 6A and 6B, Rectification of RH1 O/L Header ligament crack in middle portion.	14.06.2018
7	VII	03-10-18	01-11-18	30	Statutory Boiler Inspection, Furnace & Coil cleaning, RS duct refractory rectification, RAPH basket change, UPS battery bank replacement	14.11.2017
Total number of days				225		

VALLUR THERMAL POWER STATION
Station wise Availability of Power for H2-2017-18

(3X500MW)

2017-18		
STATION		
Month	Gen.(MU)	PLF (%)
Okt.17	628	56.3
Nov.17	653	60.5
Dez.17	953	85.4
Jän.18	974	87.3
Feb.18	880	87.3
Mär.18	974	87.3

VALLUR THERMAL POWER STATION
Station wise Availability of Power for FY 2018-19

(3X500MW)

2017-18			
STATION			
Month	Gen.(MU)	PLF (%)	
Apr.18	932	86.3	
Mai.18	963	86.3	
Jun.18	665	61.6	
Jul.18	889	79.6	
Aug.18	963	86.3	
Sep.18	901	83.4	
Okt.18	766	68.6	
Nov.18	653	60.5	
Dez.18	953	85.4	
Jän.19	974	87.3	
Feb.19	880	87.3	
Mär.19	974	87.3	

NTECL

VALLUR

PLANNED OUTAGE SCHEDULE : FY 2017-18

MONTH	Unit # I - 500 MW				Unit # II - 500 MW				Unit # III - 500 MW				Total Hours
	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	
OCT-2017													
NOV-2017													
DEC-2017													
JAN-2018													
FEB-2018					BOILER LICENSE RENEWAL	01.02.18	07.02.18	168					
MAR-2018													
TOTAL				0				168				0	168

NTECL

VALLUR

PLANNED OUTAGE SCHEDULE : FY 2018-19

MONTH	Unit # I - 500 MW				Unit # II - 500 MW				Unit # III - 500 MW				Total Hours
	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	
APR-2018													
MAY-2018													
JUNE-2018						1-Jun-18	25-Jun-18	600					
JULY-2018									BOILER LICENSE RENEWAL	15-Jul-18	21-Jul-18	168	
AUG-2018													
SEPT-2018													
OCT-2018	Capital O/H-Boiler O/H, HP/IP/LP O/H	16-Oct-18	31-Oct-18	384									
NOV-2018		1-Nov-18	24-Nov-18	576									
DEC-2018													
JAN-2019													
FEB-2019													
MAR-2019													
TOTAL				960				600				168	1728

RAMAGUNDAM SUPER THERMAL POWER STATION
Station wise Availability of Power in mu

Stage-I&II (3X200+3X500MW) and StageIII(1X500MW)

	Stage-I&II			Stage-III			Station		
Month	Gross Gen	Ex-Bus		Gross Gen	Ex-Bus		Gross Gen	Ex-Bus	
Oct-17	1134	1058		305	288		1439	1346	
Nov-17	1346	1256		295	278		1641	1534	
Dec-17	1391	1298		305	288		1696	1585	
Jan-18	1391	1298		305	288		1696	1585	
Feb-18	1256	1172		276	260		1531	1432	
Mar-18	1391	1298		305	288		1696	1585	
Total	15502	14467		3553	3348		19055	17815	

Stage-I&II - Outage Programme Apr'17 to Mar'18

Unit	From	To	Days	Works planned
Unit-3	1-Apr-17	1-May-17	31	Boiler & Aux, LP Turbine
Unit-1	20-Jul-17	8-Aug-17	20	Boiler & Aux, RH bank 5 terminal tubes repl, GT repl
Unit-2	1-Jun-17	30-Jun-17	30	Boiler & Aux, RH bank 5 terminal tubes repl, GT repl, Turb Cylinders
Unit-4	20-Sep-17	24-Oct-17	35	Boiler & Aux, LPT, 28% Eco addition, S Panel repl, VFDfor ID Fans

Stage-III - Outage Programme Apr'17 to Mar'18

Unit	From	To	Days	Works planned
No Overhaul				

RAMAGUNDAM SUPER THERMAL POWER STATION
Station wise Availability of Power in mu

Stage-I&II (3X200+3X500MW) and StageIII(1X500MW)

Month	Stage-I&II			Stage-III			Station		
	Gross Gen	Ex-Bus		Gross Gen	Ex-Bus		Gross Gen	Ex-Bus	
Apr-18	1213	1132		324	305		1537	1437	
May-18	1274	1189		335	316		1609	1505	
Jun-18	1213	1132		295	278		1508	1410	
Jul-18	1313	1225		167	158		1480	1383	
Aug-18	1314	1226		107	101		1421	1327	
Sep-18	1153	1076		295	278		1449	1355	
Oct-18	1134	1058		305	288		1439	1346	
Nov-18	1282	1196		295	278		1577	1474	
Dec-18	1188	1108		305	288		1493	1396	
Jan-19	1391	1298		305	288		1696	1585	
Feb-19	1256	1172		276	260		1531	1432	
Mar-19	1272	1187		305	288		1577	1475	
Total	15002	14000		3314	3124		18316	17123	

Stage-I&II - Outage Programme Apr'18 to Mar'19

Unit	From	To	Days	Works planned
Unit-3	1-Mar-19	31-Mar-19	31	Boiler & Aux, LP Turbine
Unit-5	25-Aug-18	18-Sep-18	25	Boiler & Aux, RH bank 5 terminal tubes repl, GT repl
Unit-6	25-Nov-18	19-Dec-18	25	Boiler & Aux, LPT & Generator

Stage-III - Outage Programme Apr'17 to Mar'18

Unit	From	To	Days	Works planned
Unit-7	18-Jul-18	21-Aug-18	35	Boiler & Aux, HPT/IPT OH

NTPC Kudgi

Date: 23/10/2017

2017-18

Month	Gross Gen (MU)	PLF (%)	APC (%)	Ex-Bus (MU)
Oct-17	297.6	50.00	5.75	280.5
Nov-17	460.8	40.00	5.75	434.3
Dec-17	476.2	40.00	5.75	448.8
Jan-18	500.0	28.00	5.75	471.2
Feb-18	451.6	28.00	5.75	425.6
Mar-18	538.1	30.10	5.75	507.2
Total	2724.2	33.55	5.75	2567.6

Unit-1 COD: 31/07/2017

Unit-2 Exp COD: Oct'17; Unit-3 Exp COD: Dec'17

Outage Details 2017-18

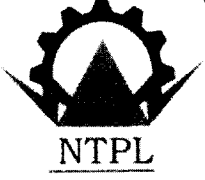
Unit	From	To	Days	Works planned
Unit-1	Nil			

2018-19

Month	Gross Gen (MU)	PLF (%)	APC (%)	Ex-Bus (MU)
Apr-18	1036.8	60.00	5.75	977.2
May-18	1071.4	60.00	5.75	1009.8
Jun-18	1036.8	60.00	5.75	977.2
Jul-18	1071.4	60.00	5.75	1009.8
Aug-18	1071.4	60.00	5.75	1009.8
Sep-18	1036.8	60.00	5.75	977.2
Oct-18	1071.4	60.00	5.75	1009.8
Nov-18	1036.8	60.00	5.75	977.2
Dec-18	1107.1	62.00	5.75	1043.4
Jan-19	1160.6	65.00	5.75	1093.9
Feb-19	834.8	51.76	5.75	786.8
Mar-19	1039.9	58.24	5.75	980.1
Total	12575.0	59.81	5.75	11852.0

Outage Details 2018-19

Unit	From	To	Days	Works planned
Unit-1	10-02-2019	11-03-2019	30	Boiler Overhaul and initial inspection of Turbine and Generator



एनएलसी तमिलनाडु पावर लिमिटेड
NLC TAMILNADU POWER LIMITED
(एनएलसी इंडिया लिमिटेड (पूर्व में नेयवेली लिग्नाइट कॉर्पोरेशन लिमिटेड) एवं टेंजेटको का संयुक्त उद्यम एवं
एनएलसी इंडिया लिमिटेड का सहायक कंपनी)

(A JVC between NLC India Ltd {Formerly Neyveli Lignite Corporation Ltd}
& TANGEDCO and a subsidiary of NLC India Ltd)

मुख्य कार्यकारी अधिकारी का कार्यालय
OFFICE OF THE CHIEF EXECUTIVE OFFICER

2*500 मेगावाट संयुक्त उद्यम ताप विद्युत परियोजना 2*500 MW JV Thermal Power Project

हारबर इस्टेट/Harbour Estate, टुटिकोरिन/Tuticorin- 628004

फैक्स/Fax: 0461-2352480, फोन/Phone : 0461-2352844, सीआईएन/CIN : U40102TN2005GOI058050

ई-मेल/E-mail: ceo.ntpl@nlcindia.com, plg.ntpl@nlcindia.com वेब/Web : www.ntplpower.com



Lr No: CEO/NTPL/Plg&Tech/420/TSPCC/2017-18

Date: 10.10.2017

To

The Chief Engineer (Commercial)/TSPCC,

Vidyuth Soudha, Kairatabad

Hyderabad-82.

e-mail: cecommercialtspcc@gmail.com

Sir,

Sub: NTPL – Month wise forecast of Energy Availability for F.Y 2017-18 & 2018-19 – Details
furnished - Reg.

Ref: Lr.No.CE(Comml)/TSPCC/DE(CGS1)/ARR-2017-18/D.No.236 17, Dtd.04.10.2017

This has reference to the letter cited above. In this connection, the requested details regarding month wise forecast of Energy Availability, Fixed, Variable Incentive & Other charges including PLF and also maintenance schedules for F.Y 2017-18 H2 & 2018-19 in respect of NLC Tamilnadu Power Limited is enclosed herewith.

Thanking You,

Yours faithfully

for NLC Tamilnadu Power Limited

DGM / Planning & Technical

MSS
EE/P&T

Encl: As above.

Copy submitted to CEO thro' GM/ O & M

Copy submitted to ED/ commercial/NLCIL

Annexure

NLC Tamilnadu Power Limited (NTPL), 2*500 MW JV Thermal Power Project, Harbour Estate, TUTICORIN-62800.

Forecast of Energy Availability 2017-18 & 2018-19							
2017-18 Generation details							
Month	STATION			BENEFICIARY			
	Expected Generation in MU	% PLF	Availability MU	Energy availability to Telangana MU	Variable Charges Rs./kWh	Fixed Charges	SRLDC Charges Rs.
				(based on percentage allocation @ 15.345 %)	(based on 6 months Wt. Average in the year 2017-18)	Rs.	(based on 6 months average in the year 2017-18)
*Sep-17	183	25.40	190.08	29	2.954	34442501	54033
Oct-17	461	62.00	488.25	75	2.954	115774869	67354
Nov-17	540	75.00	648.00	99	2.954	158146740	67354
Dec-17	582	78.23	669.60	103	2.954	159344508	67354
Jan-18	580	77.96	669.60	103	2.954	159235320	67354
Feb-18	526	78.27	604.80	93	2.954	156576738	67354
Mar-18	580	77.96	669.60	103	2.954	159342854	67354
Total	3452		3940	605		942863530	458159

*Actuals

Annual Planned Maintenance for the year 2017-18 completed in the month of May-July (25.05.2017 to 02.07.2017) for Unit-1 and in the month of August (02.08.2017 to 10.08.2017) for Unit-2

2018-19 Generation details (MU)							
Month	STATION			BENEFICIARY			
	Expected Generation in MU	% PLF	Availability MU	Energy availability to Telangana MU	Variable Charges Rs./kWh	Fixed Charges	SRLDC Charges Rs.
				(based on percentage allocation @ 15.345 %)	(based on 6 months average in the year 2017-18)	Rs.	(based on 6 months average in the year 2017-18)
Apr-18	428	59.44	451.98	69	2.954	109818260	67354
May-18	495	66.53	522.29	80	2.954	123020725	67354
Jun-18	494	68.61	522.29	80	2.954	126786297	67354
Jul-18	590	79.30	622.73	96	2.954	146863883	67354
Aug-18	573	77.02	602.64	92	2.954	141899428	67354
Sep-18	574	79.72	602.64	92	2.954	146150458	67354
Oct-18	572	76.88	622.73	96	2.954	146624434	67354
Nov-18	552	76.67	602.64	92	2.954	146220980	67354
Dec-18	572	76.88	622.73	96	2.954	146580153	67354
Jan-19	592	79.57	622.73	96	2.954	146553912	67354
Feb-19	536	79.76	562.47	86	2.954	145773244	67354
Mar-19	592	79.57	622.73	96	2.954	146567032	67354
Total	6570	75.00	6981	1071		1672858806	808252

Annual Planned Maintenance Schedule for the year 2018-19		
UNIT No.	FROM DATE	TO DATE
1	23-06-2018	30-06-2018
2	16-04-2018	10-05-2018

N&A
EE/PAT

Newly Proposed Overhauling Programme for SR NTPC stations & Talcher-II for FY 2018-19													
Strn.		Cap.											
UNIT	MW	Apr.18	Mai.18	Jun.18	Jul.18	Aug.18	Sep.18	Okt.18	Nov.18	Dez.18	Jän.19	Feb.19	Mär.19
NTPC (SR)													
U-3	200									Rdm U#3 - 31d - 01/03/19 - 31/03/19 Mega R&M (Boiler + ESP+TG)			
U-5	500									Rdm U#5 - 35d - 15/06/18 - 19/07/18 Boiler Eco 28% add + Mega R&M + Gen. OH, Halon gas replacement, DVR repl. + Bunker conical portion works			
U-6	500									Rdm U#6 - 30d - 13/08/18 - 13/09/18 Boiler + LPT + GEN + HPH 5A/5B repl. Under R&M + TG foundation work for High Brg 5 Vibrations + ESP R&M + Mega R&M works+ Halon gas repl. + Bunker conical works			
U-7	500									Rdm U#7 - 25d - 09/11/18 - 03/12/18 BLR,repl. Of 1 no GT + Boiler corossion mapping			
NTPC - Simhadri													
U-1	500									Simh U#1 - 45d - 15/06/18 - 29/07/18 Boiler modification + Capital + Generator			
U-4	500									Simh U#4 - 35d - 14/12/18 - 17/01/19 Capital			
TALCHER-II													
U-5	500									Tal-II U#5- 45d - 05/04/18 - 19/05/18 Blr Modification + Turb (HP+IP+LP)+Gen			
U-6	500									Tal-II U#6 - 25d - 20/08/18 - 13/09/18 Blr + LPT			
KUDGI													
U-1	800									Kudgi U#1 - 30d - 10/02/19 - 11/03/19. Mandatory Boiler Licence renewal +Boiler O/H + Initial inspection of Turbine&Generator			

VALLUR Thermal Power Project

PLANNED OUTAGE SCHEDULE : FY 2017-18

MONTH	Unit # I - 500 MW				Unit # II - 500 MW				Unit # III - 500 MW				Total Hours
	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	
OCT-2017													
NOV-2017													
DEC-2017													
JAN-2018													
FEB-2018					BOILER LICENSE RENEWAL	01.02.18	07.02.18	168					
MAR-2018													
TOTAL				0				168				0	168

PLANNED OUTAGE SCHEDULE : FY 2018-19

MONTH	Unit # I - 500 MW				Unit # II - 500 MW				Unit # III - 500 MW				Total Hours
	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	REASON	FROM	TO	Hrs	
APR-2018													
MAY-2018													
JUNE-2018						1-Jun-18	25-Jun-18	600					
JULY-2018									BOILER LICENSE RENEWAL	15-Jul-18	21-Jul-18	168	
AUG-2018													
SEPT-2018													
OCT-2018	Capital O/H-Boiler O/H, 16-08-18	16-Oct-18	31-Oct-18	384									
NOV-2018		1-Nov-18	24-Nov-18	576									
DEC-2018													
JAN-2019													
FEB-2019													
MAR-2019													
TOTAL				960				600				168	1728

THERMAL POWER STATION II TENTATIVE SCHEDULE

NLCIL TPS II MAINTENANCE PROGRAMME- ANNUAL ACTION PLAN- 2018-2019

Sl.No	Unit	From	To	No.of Days	Works Proposed	SBI Date
1	I	06.09.18	05.10.18	30	Statutory Boiler Inspection, Furnance & Coil cleaning, RS duct refractory rectification, ABG belt replacements in IA and IB, Replaceemnt of bend tubes of Economiser coil, Replacement of bend tubes and connectiong tubes of SH2 coil, RLA study of Boiler, Raph basket change, UPS battery retrofit, Retrofit of 6.6 KV motor protection.	18.10.2017
2	II	29.06.18	28.07.18	30	Statutory Boiler Inspection, Furnance & Coil cleaning, RSD duct major repair works, RAPH basket change, ABG belt replacements in RS duct refractory rectification, ABG belt replacements in IA and IB, ReplaceemA, Partial replacement of Hopper and corner waterwall panels as LEP work UPS battery retrofit.	17.07.2018
3	III	06.11.18	30.11.18	25	Statutory Boiler Inspection, Furnance & Coil cleaning, RS duct refractory rectification, Replaceemnt of bend tubes of Economiser coil, Replacement of bend tubes and connectiong tubes of SH2 coil.	11.12.2017
4	IV	01.12.18	30.12.18	30	Statutory Boiler Inspction, Furnance & Coil cleaning, RS duct refractory rectification, RAPH basket change.	04.01.2018
5	V	26.07.18	13.09.18	50	Statutory Boiler Inspction, Furnance & Coil cleaning, RS duct refractory rectification, Condition assesment and Major overhaul of TG.	21.08.2018
6	VI	01.06.18	30.06.18	30	Statutory Boiler Inspction, Furnance & Coil cleaning, RS duct refractory rectification, ABG belt replacements in 6A and 6B. Rectification of RHIO/L Header ligament crack in middle portion.	14.06.2018
7	VII	03.10.18	01.11.18	30	Statutory Boiler Inspction, Furnance & Coil cleaning, RS duct refractory rectification, RAPH basket change UPS battery bank replacement.	14.11.2017
Total Number of Days				225		

Tuticorin

Annual Planned Maintenance Schedule for the year 2017-18

Annual Planned Maintenance for the year 2017-18 completed in the month of May-July (25.05.2017 to 02.07.2017) for Unit-1 and in the month of August (02.08.2017 to 10.08.2017) for Unit-2

Annual Planned Maintenance Schedule for the year 2018-19

Unit No.	From Date	To Date
1	23.06.2018	30.06.2018
2	16.04.2018	10.05.2018

NPC Kaiga I to 4 units

F.Y 2017-18 H2

KGS 4 Biennialshutdown is tentatively planned during the month of Nov'17 /Dec'17 for around 45days duration.

F.Y 2018-19

KGS 1&3 Biennialshutdown is tentatively planned during the month of July'18 /Aug'18 and Dec'18/Jan'19 respectively for around 45days duration for each unit.

Annual Planned Maintenance Schedule for the year 2017-18

Unit No.	From Date	To Date
1	01.11.2017	19.11.2017
2	21.02.2017	28.02.2017
3	01.03.2017	31.03.2017

Remarks

The generator has informed that the preparation of Generation Schedules and outage plan of KKNPP Units for the financial year 2018-19 is in progress and will be forwarded after completion.

MAPS

F.Y. 2017-18 H2 and F.Y 2018-19

Unit-1 of MAPS. There is no plan of taking shut down for H2 of FY 2017-18 and FY-2018-19. W.r.t. Unit-2 of MAPS we are planning Biennial shut down(BSD) during the month of May 2018