

दूरभाष Tel.- 26967842 , 26868681
वेबसाइट Website : www.nrpc.gov.in
फैक्स Fax : 26865206

भारत सरकार
उत्तर क्षेत्रीय विद्युत समिति

18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली - 110016

Government of India
Ministry of Power

Northern Regional Power Committee

18-A, Institutional area, Shaheed Jeet Singh Marg ,
Katwaria Sarai, New Delhi – 110 016

No. NRPC / SE(O) /LGBR /2012-13/

Dated: 30.11.2011

To:

(As per list enclosed)

**Subject: Maintenance schedule for generating units in NR from
January, 2012 to March, 2013**

Sir,

It is proposed to convene a meeting to finalise **Maintenance Schedule of generating units in Northern Region from January 2012 to March 2013** on 15.12.11 at 11:30 hrs at NRPC New Delhi.

The maintenance schedule as proposed by NTPC, NHPC, BBMB, Rajasthan and UPRVUNL are being uploaded on NRPC website www.nrpc.gov.in for information.

Agenda for meeting is enclosed. Kindly make it convenient to attend the meeting.

(Ajay Talegaonkar)
S.E. (Operations)

Encl: as above.

Copy for information to :

- (i) CE (OPM), CEA
- (ii) CE (GM), CEA

**Agenda for the Meeting of Annual Maintenance Schedule for 2012-13
(LGBR 2012-13) NRPC**

Date: 15.12.2011 (Thursday)

Time: 11:30 AM

Venue: NRPC Secretariat New Delhi.

1. Annual Maintenance Schedule of NTPC.

NTPC may shift /adjust maintenance of Singrauli-6, Rihand-1 Dadri Thermal-6 and BTPS-3 to October - December (unto 15th) 2012 and from 15th February -March 2013.

2. Karcham Wagtoo HEPS may give specific dates for maintenance of machines.

3. Haryana, Punjab, HP, J&K and Uttrakhand and Aravali Power Company Ltd., RAPS – A,B,C, NAPS, SJVN, ADPHL may submit information at the earliest.

4. It has been observed that it is not possible to take two or more m/cs under shut down simultaneously in a station. Rajasthan may shift /adjust shut down of m/cs at Kota and Suratgarh STPS to October -November 2012 to avoid simultaneous shut down.

5. Any Other Item with the Permission of the Chair

**MAINTENANCE SCHEDULE OF THERMAL,GAS & NUCLEAR UNITS OF
CENTRAL SECTOR POWER STATIONS FOR THE PERIOD JANUARY, 2012 TO MARCH , 2013 .**

CT - 1

Station	U.No.(Cap.)	Date of Boiler License	JAN 12	FEB	MARCH	APR 12	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.12	JAN. 13	FEB.	Mar-13	REMARKS / Reason	No.of days	
Singrauli STPS	1(200)	01.10.11							10	3								Boiler Overhaul	25	
	2(200)	24.10.10																Boiler Overhaul	25	
	3(200)	01.04.12									1		25					Capital Overhauling	45	
	4(200)	26.09.11																Boiler +HPT(Replacement of ECO coils)	45	
	5(200)	20.04.11	01.12.11	14			1	14			25	23						Boiler Overhaul	30	
	6(500)	19.08.12																Boiler +HPT+Gen.+Boiler-RLA etc.	40	
7(500)	01.05.12																Boiler +HPT+HPT-RLA etc.	30		
Rihand-I STPS	1(500)	27.08.12							15		23							Boiler +HPT+Gen.+Boiler-RLA etc.	40	
	2(500)	20.04.12			1	30												Boiler +HPT+HPT-RLA etc.	30	
Rihand-II	3(500)	21.08.11																		
	4(500)	16.09.11																		
Unchahar -I TPS	1(210)	04.07.11																		
	2(210)	11.11.11																		
Unchahar -II	3(210)	31.05.12			1	25												Boiler +LPT+Gen.+Boiler-RLA etc.	25	
	4(210)	24.05.11																		
Unchahar -II	5(210)	09.09.12								25	18							Boiler +MOP coupling inspection	25	
Tanda TPS	1(110)	24.06.11																LT R & M	67	
(CSGS Dedicated to UP)	2(110)	30.07.12						8	13									Annual Boiler Overhauling	25	
	3(110)	08.09.12								10	3							Annual Boiler Overhauling	30	
	4(110)	04.04.12			25	23.04.12														
Dadri NCTPS	1(210)	18.04.12				10	29											Annual Boiler Overhauling	20	
	2(210)	07.09.12								23	26							Capital Overhauling-HP/LP/IP + RLA	35	
	3(210)	17.10.11																		
	4(210)	16.09.12																		
	5(490)	09.09.12			10	03.04.12				15	8							Mandatory Inspection	25	
6(490)	14.07.12																Annual Boiler Overhauling	25		
BTPS (CSGS Dedicated to Delhi)	1(95)	06.06.11										25	13					Annual Boiler Overhauling	20	
	2(95)	15.04.12								5		24						Annual Boiler Overhauling	20	
	3(95)	22.07.11							15	3							Annual Overhauling+Cond.Tube replace.	20		
	4(210)	21.08.11														15	23.04.13	Annual Boiler Overhauling+ESP R&M	17 + (23)	
	5(210)	17.03.11			31	9												Annual Boiler Overhauling+ESP R&M	40	
Anta GPS	GT 1(88.7)	19.12.11		2	7				18	16					30	4		12 K, Major & 4K VOH Inspection	6 , 30 & 6	
	GT 2(88.7)	19.12.11						7	12					10	17			4 K & 8K EOH Inspection	6 & 8	
	GT 3(88.7)	19.12.11										26	19	24				12 K EOH & Major Inspection	6 & 30	
	ST 1 (153.2)													19	24			WHRB License renewal	6	
Auriya GPS	GT 1(111.19)	21.06.12			16	22		17	23			10	12				12	26	CI, CI,Filter Replace.& Hot path inspection	7,7,3&15
	GT 2(111.19)	21.11.11										12	15					Hot path inspection & Filter Replacement	15 & 3	
	GT 3(111.19)	08.09.11							27	3	24							CI,Filter Replace.& R&M	7 , 3 & 50	
	GT 4(111.19)	20.02.12	1	17								17	19			20	10	HPI,HPI & Filter Replacement	17 , 15 & 3	
	ST 1(109.3)																			
ST 2(109.3)																		Major Inspection / R&M of C&I	50	
Dadri GPS	GT 1(130.19)	22.11.11	16	16	20	24					10	19			1	2			Filter Replace.,Comp.washing,4K EOH Insp	1,5,10,2,1&5
	GT 2(130.19)	23.08.12		31	31										20	3	26		Comp.washing	1, 5, 7 & 1
	GT 3(130.19)	07.02.12	11	15			7	9		18	22				3	17			4 K EOH ,Filter Replace	5,3,7,3,5,1&3
	GT 4(130.19)	06.02.12			4	13		3	5			28	1		10	19			Flame tube Insp.+Comp.Washing	10,3,5,3,1&35
	ST 1(154.51)														31	31	15	18.04.13		10
	ST 2(154.51)																15	18.04.13	Major Inspection	35
5(220)																		Biennial Shutdown	28	
6(220)																				
MW outages on 1st & 15 th			531 461	309 220	0 601	1058 1130	710 721	610 110	351 1396	1374 999	1030 1206	330 311	184 88.7	268 88.7	0 0	439 220	220 606			
Av. MW outages in 1st & 2nd fortnigh			583 294	255 272	274 578	1085 1046	754 703	610 168	291 1423	1120 962	1056 622	271 216	165 219	143 17.7	0 220	316 220	207 584			

**MAINTENANCE SCHEDULE OF HYDRO UNITS OF
CENTRAL SECTOR POWER STATIONS FOR THE PERIOD JANUARY, 2012 TO MARCH , 2013 .**

Station	U.No.(Cap.)		JAN 12	FEB	MARCH	APR 12	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.12	JAN. 13	FEB.	Mar-13	REMARKS/Reason	No.of days
NHPC	1(60)											11	30					Annual maint.	20
B. Siul	2(60)											2	21					Annual maint.	20
	3(60)		10	5									1	20				Annual maint.	20
Salal	1(115)	2				31							10	8				Annual maint.	30
	2(115)										3	2						Annual maint.	31
	3(115)	17.10.11		24											14	13		Annual maint.	31
	4(115)										3			1				Capital maint.	91
	5(115)	26.12.11		24										25			25	Capital maint.	91
	6(115)		26		24							5	4					Annual maint.	30
Chamera - I	1(180)	05.12.11		2									3		23			Annual maint.	21
	2(180)	05.12.11		2										24	4			Annual maint.	12
	3(180)	05.12.11		2										5	16			Annual maint.	12
Chamera - II	1(100)			30	4								3		27			Annual maint.	25
	2(100)			6	11											4	13	Annual maint.	10
	3(100)															16	25	Annual maint.	10
Uri	1(120)											13	2					Annual maint.	21
	2(120)	15.12.11			20							4		25				Annual maint.	22
	3(120)												28	18				Annual maint.	21
	4(120)													15		10		Capital maint.	58
Tanak Pur	1(31.4)	05.12.11	4										20			9		Capital maint.	110
	2(31.4)		9														15	Annual maint.	(17) + 11
	3(31.4)			13		30												Capital maint.	47
Dhauliganga	1(70)												10	1				Annual maint.	22
	2(70)			14	6								5		26			Annual maint.	22
	3(70)		20	10										30	20			Annual maint.	22
	4(70)	26.12.11		16											24	14		Annual maint.	22
Dulhasti	1(130)	15.12.11		15										15	15			Annual maint.	32
	2(130)	15.12.11		15										15	15			Annual maint.	32
	3(130)	15.12.11		15										15	15			Annual maint.	32
SEWA -- II	1(40)												1	20				Annual maint.	20
	2(40)													21	10			Annual maint.	21
	3(40)														11	31		Annual maint.	21
Allian Duhangan	1(96)													11	31			Annual maint.	21
	2(96)	1		20											1	20		Annual maint.	20
Malana	1(43)	1		20											1	20		Annual maint.	20
	2(43)		1		20											1	20	Annual maint.	20
MW outages on 1st & 15 th			1635	1235	1194	494	216	146	0	0	0	0	0	0	0	0	0	0	0
Av. MW outages in 1st & 2nd fortnigh			1647	1182	666	351	174	146	0	0	0	0	0	0	0	0	0	0	0

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BBMB Bhakra (L)	1(108)	26.04.10					31							19	4	1	17	Annual mtc. & C/Mtc.of PSHG	17 , 17		
	2(108)																		RM & Upgrading from108MW to126MW	706	
	3(108)																		RM & Upgrading from108MW to126MW	210	
	4(108)		7	23	1											27				24.06.13	Annual mtc. &RM &Upgrading from108MW to126MW
	5(108)	04.03.11						30						26				RM &Upgrading from108MW to126MW	(200)+10		
Bhakra (R)	6(157)		19	4									12					11	Annual mtc. & Capital Mtc.	17 , 120	
	7(157)			27	14								4	15					Full term mtc. & Mid term mtc.	17 , 12	
	8(157)					5	21				4	20						Annual mtc.	17		
	9(157)					31									7	23	8	C/Mtc.of PSHG & Annual mtc.	17 , 17		
	10(157)																	C/Mtc.of PSHG & Mid term mtc.	17		
Ganguwal	1(27.99)		9	12		2	9		9	12		1	10		7	10		Quarterly Half Yeraly, Quarterly Annual&Quarterly mtc.	4,8,4,10 & 4		
	2(24.20)			13	18		16	25	17	20		5	12		4	7		Half Yeraly,Annual,Quarterly Half Yeraly & Quarterly mtc.	6,10,4,8 & 4		
	3(24.20)		16	23			7	14		6	9		21	30		5	8	Annual,Half Yeraly,Quarterly,Annual & Quarterly mtc.	8,8,4,10 & 4		
Kotla	1(28.94)			6	9		9	16		13	16		15	24	14	17		Quarterly,Half Yeraly,Quarterly,Annual&Quarterly mtc.	4,8,4,10 & 4		
	2(24.20)				4		15	22					13	22			11	Quarterly,Half Yeraly,Quarterly,Annual & Quarterly mtc.	4,8 , 4 , 10 & 4		
	3(24.20)			5	10		26	5		2	5		3	10	11	14		Half Yeraly,Annual, Quarterly,Half Yeraly & Quarterly mtc.	6,10,4,8 & 4		
Dehar	1(165)				23	11									30			29.05.13	Annual mtc. & Capital mtc.	20 , 120	
	2(165)			1	20								2	21				Annual mtc. & Annual mtc.	20 , 20		
	3(165)			8	27							11	30					Annual mtc. & Annual mtc.	21 , 20		
	4(165)			29					28					5	24		Capital mtc. & Annual mtc	91 , 20			
	5(165)	1.10.11		28														C/M , C/M of R.V&BFV & Annual mtc	120 , 20		
Pong	6(165)	19.10.11		28								1					28		C/M of R.V&BFV & Capital mtc.	102 , 120	
	1(66)	1			20	5						1	7			20	6	Annual mtc.,Half yearly mtc.& Annual mtc.	15 , 7 , 15		
	2(66)				7	21						8	14				7	Annual mtc.,Half yearly mtc.& Annual mtc.	16 , 7 , 15		
	3(66)				23	6						15	21					Annual mtc. & Half yearly mtc	15 , 7		
	4(66)					7	21					22	28					Annual mtc. & Half yearly mtc	15 , 7		
Nathpa-Jhakri	5(66)					23	6					29	4					Annual mtc. & Half yearly mtc	14 , 7		
	6(66)						7	21				5	11					Annual mtc. & Half yearly mtc	15 , 7		
	1(250)																	Annual maintenance	2		
	2(250)																	Annual maintenance	2		
	3(250)																	Annual maintenance	2		
Tehri HPP	4(250)																	Annual maintenance	2		
	5(250)																	Annual maintenance	2		
	6(250)																	Annual maintenance	2		
																		Annual maintenance	2		
Koteshwar HEP	1(250)				1	30												Annual maintenance	30		
	2(250)			1		31										1	31	Annual maintenance	31		
	3(250)						1	31										Annual maintenance	31		
	4(250)							1	30									Annual maintenance	30		
Vishnuprayag	1(100)				1	15						1	14					Annual maintenance	45		
	2(100)															1	17	Annual maintenance	45		
	3(100)																	Annual maintenance	45		
	4(100)																	Annual maintenance	45		
Vishnuprayag	1(100)												5	11				Runner insp.& mtc.works	7		
	2(100)															3	9	Runner insp.& mtc.works	7		
	3(100)		9	15														Runner insp.& mtc.works	7		
	4(100)														7	13	4	10	Runner insp.& mtc.works	7	
MW outages on 1st & 15 th			516 540	538 678	1043 1019	882 870	548 448	358 358	132 132	108 108	108 108	467 790	604 619	845 680	1004 1082	937 945	1204 1047				
Av. MW outages in 1st & 2nd fortnigh			562 629	587 654	1002 1019	975 743	548 394	358 358	129 118	118 108	108 108	647 684	702 586	1020 766	1073 898	1051 919	1192 791				

**MAINTENANCE SCHEDULE OF THERMAL,GAS AND NUCLEAR UNITS OF
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Rajasthan KTPS (2x110+4x210)	1(110)	17.05.11				1		19										Capital O/H,replace. of LP rotor,HRH coils etc	50													
	2(110)	08.06.11						14	4									Annual Boiler Overhauling	21													
	3(210)	10.05.11						5										Annual O/H& replace.HRH coils etc	50													
	4(210)	22.05.11								17	6							Annual Boiler Overhauling	21													
	5(210)	20.07.11									7	27						Annual Boiler Overhauling	21													
	6(195)	21.06.11							5		25							Annual Boiler Overhauling	21													
	7(195)	20.04.11							12	1								Annual Boiler Overhauling	21													
RAMGARH GAS CCPP	1(35.5) GT							1	15									Annual maint.	15													
	2(37.5) GT									1	30							Major inspection & Annual maint.	30													
	3(37.5) ST	10.03.11	1	4														Major overhauling & Annual maint.	35													
SURATGARH TPS	1(250)	29.09.11								1	21							Annual maint.&statutory boiler inspection	21													
	2(250)	17.04.11			5	25												Annual maint.&statutory boiler inspection	21													
	3(250)	15.06.11					1	15	30									Annual maint.&statutory boiler inspection	30													
	4(250)	30.06.11								8								Capital Overhauling	55													
	5(250)	29.05.11								10	30							Annual maint.&statutory boiler inspection	21													
	6(250)	02.03.11									22	5						Annual maint.&statutory boiler inspection	15													
DHOLPUR GAS CCPP	1(110) GT			14	23						10	19						Combustion Inspection	10													
	2(110) GT		14	28										5	14			Combustion Inspection	10 & 10													
	3(110) ST	18.07.11												5	14			Annual maint.	15 & 10													
GIRAL	1(125)	26.09.11								16	15							Annual maint.	31													
	2(125)	27.03.11							1	31								Annual maint.	31													
CHHABRA TPS	1(250)	11.01.12						16	5									Annual maint.	21													
	2(250)	29.12.11			1	21												Annual maint.	21													
BARSINGSAR LTPS NLC	1(125)																															
	2(125)																															
RAJWEST Power	1(135)					27	6						20	4				Refractory maint., Annual O/H +BLR	10 & 15													
	2(135)					1	10						1	15				Refractory maint., Annual O/H +BLR	10 & 15													
	3(135)							25	4						21	4		Refractory maint., Annual O/H +BLR	10 & 15													
	4(135)							1	10						1	15		Refractory maint., Annual O/H +BLR	10 & 15													
RAPS - A (CSGS Dedicated to Raj)	1(100)																	S/D since 09.10.2004--under review														
	2(200)									1								Biennial Shutdown	30													
MW outages on 1st & 15 th			138	138	138	320	100	100	600	600	480	210	460	1070	1141	880	598	1128	885	870	350	100	100	100	100	370	100	100	100	100	100	
Av. MW outages in 1st & 2nd fortnigh			138	138	152	254	100	100	600	377	345	210	482	1036	948	880	754	966	929	740	200	100	100	208	262	100	276	181	262	100	100	100

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UPSEB ANPARA (3x210+2x500)	1(210)									25		23						Annual Overhauling	30
	2(210)		1		17													Capital Overhauling	46
	3(210)							20		18								Annual Overhauling	30
	4(500)																		
	5(500)								10		9							Annual Overhauling	31
OBRA (4x40+3x94+5x200) (4x40+3x94+5x200)	1(50)	15.12.11		13				10		30			10		30			Annual Overhauling	30 & 21
	2(50)																	Annual Overhauling	21
	6(94)	1.7.10																Refurbishment	(274)+183
	7(94)																	Refurbishment	91 + (122)
	8(94)																		
PARICHHA (2x110+2x210)	9(200)			1														Refurbishment	365
	10(200)																	Refurbishment	365
	11(200)	10.07.11									1	30						Annual Overhauling	30
	12(200)									1								Annual Overhauling	31
	13(200)								1		31							Refurbishment	284
	1(110)	05.01.11							1									Refurbishment	(360)+182
	2(110)								30									Refurbishment	42
	3(210)							25		5								Annual Overhauling	42
	4(210)									25		5						Annual Overhauling	42
	5(250)																		
PANKI (1x32+2x105)	2(32)																	Under deletion	
	3(105)																	Annual Overhauling	62
	4(105)							1			31								
H'GANJ (2x40+2x55+2x60+1x105+2x250)	3(55)									1	15							Under deletion	15
	5(60)	05.03.11																Annual Overhauling	365
	7(105)																	Refurbishment	46
	8(250)											16		30				Annual Overhauling	
ROSA TPS (IPP) (3x300)	9(250)																		
	1(300)																		
	2(300)																		
	3(300)																		
ANPARA - C(IPP) LANCO	4(300)																		
	1(600)			10		29							1		19			Annual Overhauling	20
ANPARA - C(IPP) LANCO	2(600)															10		Annual Overhauling	20
MW outages on 1st & 15 th			646 596	806 1406	1006 1006	796 796	796 846	1006 1006	1311 1811	1671 901	1311 1311	901 941	2141 1591	691 691	691 691	691 691	691 691		
Av. MW outages in 1st & 2nd fortnigh			646 596	1046 1406	1006 838	796 796	816 1014	1006 922	1511 1811	1345 1069	1311 1227	775 941	1681 1111	691 691	691 691	931 1291	691 691		