

Ref: RA/II/002/19-20/1945

25th September 2019

To,  
The Secretary,  
West Bengal Electricity Regulatory Commission,  
Plot No. -AH/5, Premises No. MAR 16-1111,  
Action Area - 1A, New Town,  
Rajarhat, Kolkata- 700163

Sub: [ADDITIONAL SUBMISSION] MYT Petition for the sixth control period.  
[Case No. TP-78/18-19]

Ref: 1) Our Petition submitted vide letter no. RA/II/002/18-19/1794 dated 31.08.2018  
2) Your letter no. WBERC/TP-78/18-19/4571 dated 28.08.2019

Respected Sir,

In reference to the letter dated 28.08.2019 regarding pending forms, the petitioner hereby submits the following filled-in forms under affidavit:

- Form no. 1.6c
- Form no. 1.17 h for ensuing years FY18-19 & 19-20
- Form 5(x)
- Form A.

The Petitioner humbly prays before the Hon'ble Commission to consider the above submissions as part of the aforesaid petition.

Thanking You.

Yours Sincerely,

For India Power Corporation Limited

*Karn Pallav*

Karn Pallav

General Manager (Regulatory Affairs)



Encl.: As above (1 original + 3 copies) + 1 C D

## India Power Corporation Limited

CIN - L40105WB1919PLC003263

Registered Office : Plot No. X1 - 2 & 3, Block - EP, Sector - V, Salt Lake City, Kolkata - 700091

Ph : +91 33 6609 4300 / 08 / 09 / 10, Fax : +91 33 2357 2452

Central Office : Sanctoria, P.O. - Dishergarh, District - Burdwan, Pin - 713333 (W.B.)

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E-mail : pr@indiapower.com, Web : www.indiapower.com



FORM-1

BEFORE THE HON'BLE WEST BENGAL ELECTRICITY REGULATORY COMMISSION,  
KOLKATA

FILING No.....

CASE No.....

(To be filled in by the Commission Office)

IN THE MATTER OF:

[ADDITIONAL SUBMISSION] Petition for Determination of Aggregate Revenue Requirement for the Sixth Control Period comprising the Financial Years 2018-19 and 2019-20 in terms of Regulation 2.5 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 and amendments thereof.

AND


IN THE MATTER OF:

M/S India Power Corporation Limited [IPCL],

Plot No. X1-2&3, Third Floor, Block – EP,

Sector V, Kolkata- 700091 (West Bengal)



  
**B. N. SAHA**  
NOTARY  
Bikash Bhavan  
North Block, Gr. Floor  
Bidhannagar, Kolkata  
West Bengal

25 SEP 2019



FORM-2

BEFORE THE HON'BLE WEST BENGAL ELECTRICITY REGULATORY COMMISSION,  
KOLKATA

FILING No.....

CASE No.....

(To be filled in by the Commission Office)

IN THE MATTER OF:

[ADDITIONAL SUBMISSION] Petition for Determination of Aggregate Revenue Requirement for the Sixth Control Period comprising the Financial Years 2018-19 and 2019-20 in terms of Regulation 2.5 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 and amendments thereof.

AND


IN THE MATTER OF:

M/S India Power Corporation Limited [IPCL],

Plot No. X1-2&3, Third Floor, Block – EP,

Sector V, Kolkata- 700091 (West Bengal)



  
**B. N. SAHA**  
NOTARY  
Bikash Bhavan  
North Block, Gr. Floor  
Bidhannagar, Kolkata  
West Bengal

25 SEP 2019



**BEFORE THE NOTARY PUBLIC**

**BEFORE THE NOTARY PUBLIC**

I, Karn Pallav, son of Shri Nirmal Chandra Sinha, aged 41 years having office at Plot No. X1-2&3, Third Floor, Block EP, Sector-V, Salt Lake City, Kolkata-700091 do solemnly affirm and say as follows:

1. That I am the General Manager (Regulatory Affairs) of India Power Corporation Limited, the petitioner in the above matter and am duly authorized by the said Petitioner to make this affidavit for and on behalf of the Petitioner.
2. That the Annexure herein now shown to me are true to my knowledge and belief and nothing material has been concealed from the statements so made or documents or supporting data etc. attached.

Solemnly affirmed at Kolkata on this \_\_\_\_ day of September 2019 that the contents of this affidavit are true to my knowledge, no part of it is false or nothing material has been concealed there from and misleading material included therein.

*Karn Pallav*

Deponent

Place: Kolkata  
Date: 25 September 2019



*m*  
**B. N. SAHA**  
**NOTARY**  
Bikash Bhavan  
North Block, Gr. Floor  
Bidhannagar, Kolkata  
West Bengal

Identified by me  
*[Signature]*  
Advocate

Solemnly Affirmed  
&  
Declared Before me  
a Identification of Advocate  
*[Signature]*  
**B. N. SAHA**  
**NOTARY**

**25 SEP 2019**

Form 1.6(c): Monthwise Generation Loss at different generating station (2015-16)

Month	MU									
	Non-drawal by concern distribution licensee due to low demand	Bad Coal	Poor Coal Stock	Forced Outage	Planned Outage	Transmission Restriction	Generation restriction for partial equipment availability	Non-drawal by other than distribution licensee against schedule drawal	Remarks	
April				0.36	0.00					
May			3.18	1.06	0.00			240 hrs for non availability of coal		
June				1.52	0.00					
July				2.59	0.00					
August	2.34			8.64	1.73			Wet Coal, Overhauling job started from 23.08.2015		
September			7.20	8.64	0.00			Overhauling job continued		
October			8.64	0.00	0.00			Overhauling completed on 06.10.2015		
November			8.93	0.00	0.00			Non availability of coal		
December			8.93	0.00	0.00			Non availability of coal		
January			6.00	0.00	0.00			Non availability of coal		
February			4.57	0.00	0.00					
March										
<b>Total</b>	<b>2.34</b>	<b>16.48</b>	<b>47.45</b>	<b>2.95</b>	<b>12.96</b>					

1. Statement is to be furnished sourcewise separately
2. Depending on type of generating station, relevant column may be filled up with due editing on reading and for additional reasons, if any on account of generation loss, additional column may be separately provided.
3. Depending on the type of the generating station, the reasons for monthly generation losses may be submitted by using additional columns for separate reasoning.

Form 1.6(c): Monthwise Generation Loss at different generating station (2016-17)

Month	MU									
	Non-drawal by concern distribution licensee due to low demand	Bad Coal	Poor Coal Stock	Forced Outage	Planned Outage	Transmission Restriction	Generation restriction for partial equipment availability	Non-drawal by other than distribution licensee against schedule drawal	Remarks	
April				1.01	0.00				128.9 hrs for non availability of coal	
May			1.64	3.68	0.00					
June					0.00					
July		5.63			6.91				420.5 hrs of outage for wet coal	
August		0.56		0.00	8.64				Overhauling job started from 08.08.2016	
September				0.00	8.93				Overhauling job completed on 21.09.2016	
October				0.00	8.64				CHP modification job started from 22.09.2016	
November		4.64			3.46				CHP modification job continued.	
December		5.64		3.37	0.00				CHP modification job completed on 12.12.2016.	
January				1.02	0.00				467.47 hrs of outage due to wet and fine coal	
February										
March										
<b>Total</b>		<b>16.48</b>	<b>1.64</b>	<b>9.08</b>	<b>36.58</b>					

1. Statement is to be furnished sourcewise separately
2. Depending on type of generating station, relevant column may be filled up with due editing on reading and for additional reasons, if any on account of generation loss, additional column may be separately provided.
3. Depending on the type of the generating station, the reasons for monthly generation losses may be submitted by using additional columns for separate reasoning.



2018-19

Rs. Lakhs

Category	Sl. No.	Particular	Dishergarh Generation			Dishergarh Distribution			Seebore Distribution			Centrally Maintained			Total		
			Own Employees	Employees on Contract in Regular Establishment	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	
A	1	Expenditure in Rupees in Lakh															
		Salary and Wages															
		a Basic Pay	88.31	86.99	348.73	76.25	375.93	741.36	23.55	149.10	1554.32	335.88					
		b Dearness Allowance	105.56	-	392.40	-	368.73	371.22	-	-	1237.91	-					
		c Other Allowances	44.80	-	114.67	-	122.51	858.70	-	-	1140.68	-					
		Sub Total	238.67	86.99	855.79	76.25	871.16	1971.28	23.55	149.10	3932.91	335.88					
		2 Statutory / Contractual Retirement Benefit															
		a Gratuity	19.89	0.00	183.57	0.00	174.74	265.90	0.00	0.00	266.80	0.00					
		b Company's contribution to PF & Pension Fund	24.92	0.00	72.84	0.00	108.88	154.59	0.00	0.00	399.05	0.00					
		c Company's contribution to ES	0.00	0.00	0.07	0.00	0.00	3.10	0.00	0.00	3.18	0.00					
		3 Statutory Bonus and Ex-gratia	4.90	0.00	26.78	0.00	27.20	47.90	0.00	0.00	106.79	0.00					
		4 LTC	3.68	0.00	5.53	0.00	7.60	38.65	0.00	0.00	55.46	0.00					
		5 Leave Encashment	16.12	0.00	7.65	0.00	57.71	64.21	0.00	0.00	145.69	0.00					
		6 Workmen and staff welfare expenditure	8.11	0.00	29.55	0.00	100.70	131.53	0.00	0.00	269.89	0.00					
		7 Others, if Any															
		a Staff Training Expenses	0.00	0.00	0.00	0.00	0.00	22.82	0.00	0.00	22.82	0.00					
	b Directors' Fees & Commission	0.00	0.00	0.00	0.00	0.00	50.04	0.00	0.00	50.04	0.00						
	c Apprentices - Subsistence Allowance	0.00	0.00	0.38	0.00	0.68	1.89	0.00	0.00	1.06	0.00						
	d Retirement benefit in Lieu of pension	0.00	0.00	1.06	0.00	8.63	1.89	0.00	0.00	11.58	0.00						
	e VRS Compensation	0.00	0.00	13.16	0.00	9.57	19.14	0.00	0.00	41.86	0.00						
	Total (1 to 7)	316.30	86.99	1123.46	76.25	1254.00	2613.35	23.55	149.10	5307.11	335.88						
B		Contribution for shortfall in interest of PF															
C		Production / Performance Incentive															
D		Number of Personnel (protected)	13		170		179			217							
		Number of Apprentices															
			403.28		1199.71		1277.55		2762.45	5642.99							
																50.04	
																5592.95	

Less: Director's Fees and Commission  
Add: Arrear due to Wage settlement  
Employee Cost as per Profit & Loss Accou



2019-20

Rs. Lakhs

Category	Sl. No.	Particular	Dishegarh: Generation		Dishegarh Distribution		Seebore Distribution		Centrally Maintained		Total	
			Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment	Own Employees	Employees on Contract in Regular Establishment
A	1	Expenditure in Rupees in Lakh										
		Salary and Wages										
		a Basic Pay	110.39	108.73	435.91	95.32	459.91	29.43	926.70	186.37	1942.90	419.85
		b Dearness Allowance	131.95	0.00	490.50	0.00	460.91	0.00	464.03	0.00	1547.39	-
		c Other Allowances	56.00	0.00	143.33	0.00	153.13	0.00	1073.38	0.00	1425.84	-
		Sub Total	298.33	108.73	1069.74	95.32	1083.95	29.43	2464.11	186.37	4916.13	419.85
	2	Statutory / Contractual Retirement Benefit										
		a Gratuity	24.86	0.00	91.05	0.00	82.33	0.00	135.25	0.00	333.49	-
		b Company's contribution to PF & Pension Fund	31.16	0.00	138.31	0.00	136.10	0.00	193.24	0.00	498.81	-
		c Company's contribution to ESI	0.00	0.00	0.09	0.00	0.00	0.00	3.88	0.00	3.97	-
	3	Statutory Bonus and Ex-gratia	6.13	0.00	33.48	0.00	34.00	0.00	59.88	0.00	133.49	-
	4	LTC	4.61	0.00	6.91	0.00	9.50	0.00	48.31	0.00	69.53	-
	5	Leave Encashment	20.15	0.00	9.56	0.00	72.14	0.00	80.26	0.00	182.11	-
	6	Workmen and staff welfare expenditure	10.14	0.00	36.94	0.00	125.87	0.00	164.41	0.00	337.36	-
7	Others, if Any	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	
	a Staff Training Expenses	0.00	0.00	0.00	0.00	0.00	0.00	28.93	0.00	28.53	-	
	b Directors' Fees & Commission	0.00	0.00	0.00	0.00	0.00	0.00	62.55	0.00	62.55	-	
	c Apprentices - Subsistence Allowance	0.00	0.00	0.47	0.00	0.85	0.00	0.00	0.00	1.32	-	
	d Retirement benefit in Lieu of pension	0.00	0.00	1.32	0.00	10.79	0.00	2.36	0.00	14.47	-	
	e VRS Compensation	0.00	0.00	16.45	0.00	11.96	0.00	23.92	0.00	52.33	-	
	Total (1 to 7)	395.37	108.73	1404.32	95.32	1567.50	29.43	3266.69	186.37	6633.89	419.85	
B	Contribution for shortfall in interest of PF											
C	Production / Performance Incentive											
D	Number of Personnel (projected)											
			14		187			197		239		637
										3453.06		7053.74
										1596.93		62.55
												6991.19

Less: Director's Fees and Commission  
Add: Arrear due to Wage settlement  
Employee Cost as per Profit & Loss Account



## Form 5 (x): Status of Demand

Sl. No.	Month - Year	Average of Daily Peak Demand (inclusive of load shedding)	Average of Daily Peak Demand met	Shortfall	Reasons
		MVA	MVA	MVA	
		(1)	(2)	(1) - (2)	
1	Apr-16	88	88	0	
2	May-16	90	90	0	
3	Jun-16	89	89	0	
4	Jul-16	85	85	0	
5	Aug-16	88	88	0	
6	Sep-16	87	87	0	
7	Oct-16	82	82	0	
8	Nov-16	84	84	0	
9	Dec-16	82	82	0	
10	Jan-17	83	83	0	
11	Feb-17	86	86	0	
12	Mar-17	89	89	0	
13	Apr-17	89	89	0	
14	May-17	87	87	0	
15	Jun-17	88	88	0	
16	Jul-17	89	89	0	
17	Aug-17	90	90	0	
18	Sep-17	87	87	0	

## Note :

If full Demand has not been met, the reasons thereof are to be submitted.





Form A : Planned repairs and maintenance/forced outage / major repairs for generation plants

Name of the station : Dishergarh Power Station- New  
For the year : 2015-16

Unit No	Month	Outage		Nature (Planned / Forced)	Duration		Summary Details	
		From	To		Hours	Minutes		
		02 April 2015	02 April 2015	Forced	1	11	1.18	At about 7.33 AM when TG running with 12.2 MW load suddenly TG tripped on High Speed protection following the failure of DVC power and load through off 6.8 MW on that instant ASIA board. load was 240 Amps. On receipt of back-up power at around 7.45 AM revival of power station started and revival of boiler done at 8.15 AM and machine synchronized at 8.44 AM.
		07 April 2015	07 April 2015	Forced	8	9	8.15	At around 3.51 PM suddenly TG tripped on Under Frequency protection due to power failure of DVC circuit following the severe northwester with much lightning. After available of revival power at 4.52 PM we start the revival of power station. when we start revival of boiler there is no fluidisation in the 1st compartment due to elinker. we decided to cool down the boiler and re-light up the boiler after cleaning the furnace.
		08 April 2015	08 April 2015	Forced	16	4	16.07	After cleaning the furnace light up the boiler at 2.10 PM and machine rolling started at 3.45 PM and TG was synchronised with grid at 4.04 PM. Full load achieved at 5.20 PM.
		15 April 2015	15 April 2015	Forced	0	55	0.92	At 4.34 PM TG was put on is-land mode due to bad weather condition. The m/c load came down 12.3 Mw to 9.0 MW. Again at 4.40 PM m/c load came down to 7.0 MW due to tripping of Bhamuria feeder. At 4.59 PM suddenly auxiliary LT incomer breaker tripped on under voltage protection due to tripping of East Ring - 4 Feeder on E/F with a huge voltage dip in the system (7.7 KV) in the consequence TG tripped on "Exhaust Steam Pressure" high protection. After getting revival power at 5.13 PM revival of power station started and TG was synchronised at 5.44 PM with DVC grid.
	Apr-15	23 April 2015	23 April 2015	Forced	0	46	0.77	TG was put on is-land mode at 3.50 PM to 4.12 PM due stormy weather condition and m/c load was 8.0 MW. At 4.12 PM switched off all out going feeder due to severe intensity of storm and m/c running with 1.5 MW load. At about 4.45 PM after normalisation of weather TG tripped immediately after switched ON the Scetalpur-4 feeder. After getting the revival power TG was synchronised with DVC at 5.31 PM. The m/c load could not be increased more that 6.0 MW up to 8.00 PM due to break down of different out going feeders. From 8.00 PM till now the m/c load average 9.0 MW due to non-availability of AISA board load.
		24 April 2015	24 April 2015	Forced	0	25	0.42	TG was put on is-land mode at 5.27 PM due stormy & thundering weather condition and m/c was synchronised at 7.19 PM during this period load was average 4.2 MW. At 7.25 again m/c came on is-land mode due to tripping of Scetalpur-3 feeder during switch ON. M/c was synchronised at 7.37 PM. Again m/c came on is-land mode at 7.44 PM due to tripping of Scetalpur-3 feeder and synchronised at 7.50 PM. At 9.00 PM TG tripped immediately during switch ON the Scetalpur-3 feeder (directional O/C). After getting revival power TG was synchronised with DVC grid at 9.25 PM. The m/c load slowly increased to 12.00 MW at 10.12 PM although the ASIA board load was only 2.10 to 3.90 Amps. Which causes of low generation and high Heat Rate.
		29 April 2015	29 April 2015	Forced	1	46	1.77	TG was put on is-land mode at 6.36 PM due to bad weather condition and load reduce from 12.3 MW to 8.94 MW. Due to thundering and lightning we again reduce load to 4.0 MW for is-land out going feeders. At 6.49 PM suddenly TG tripped on under frequency protection following the tripping of East Ring-4 feeder on Earth Fault & Over Current protection on ASIA board. After receive of revival power at 7.57 PM (WBSEB circuit) revival of power station started and TG was synchronised at 8.35 PM. After normalised the DVC power we again re-synchronised with DVC grid at 8.43 PM.
		30 April 2015	30 April 2015	Forced	0	56	0.93	At about 2.05 AM suddenly TG tripped on over speed protection following the tripping of Scetalpur-4 feeder on Earth Fault & Over current. After getting revival power TG was synchronised at 3.01 AM.



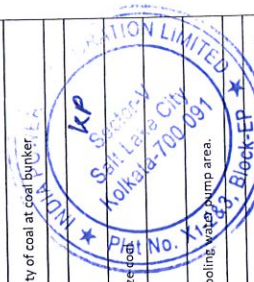
Unit No	Month	Outage		Nature (Planned / Forced)	Duration		Summary Details
		From	To		Hours	Minutes	
		03 May 2015	03 May 2015	Forced	1	7	At about 6.25 PM when m/c was running with 12.3 MW load suddenly TG tripped on over speed protection following the tripping of Sceptalpur 3 feeder on Earth Fault & Over current. After getting revival power TG was synchronised at 7.32 PM.
		04 May 2015	04 May 2015	Forced	1	3	At about 5.10 AM suddenly TG tripped on over speed protection following the tripping of Sceptalpur 3 feeder on Earth Fault & Over current. After getting revival power TG was synchronised at 6.13 AM. Due to problem in DPS Tie 3 breaker at ASIA board m/c was desynchronised at 6.13 AM and after normalisation of DPS Tie 3 breaker m/c was resynchronised at 6.41 AM.
	May-15	08 May 2015	08 May 2015	Forced	0	33	When TG was running with 12.3 MW load suddenly at 8.37 AM TG tripped on High Speed protection following the tripping of Indian Oxygen feeder at DRS bus on over current and earth fault along with DRS Tie 2 and 3 feeder of drift protection. During that time ASIA board load was 2.5% amps. After getting revival power at 8.45 AM revival of power station started. TG was synchronised with DVC grid at 9.10 AM.
		21 May 2015	21 May 2015	Forced	22	9	Plant was taken shutdown at 1.51 AM due to non-availability of coal.
		22 May 2015	31 May 2015	Forced	240	0	Plant under shutdown condition due to non-availability of coal.
		01 June 2015	01 June 2015	Forced	24	0	Plant under shutdown condition due to non-availability of coal.
		02 June 2015	02 June 2015	Forced	12	11	Boiler was light up at 9.45 AM. TG was synchronised at 12.11 PM and full loaded at 12.47 PM. TG was put on island mode from 2.12 PM to 4.50 PM for bad weather condition.
		03 June 2015	03 June 2015	Forced	0	17	At about 11.43 PM when m/c was running with 12.3 MW load suddenly TG tripped on over load protection following the power failure of DVC circuit. After getting revival power at 12.50 AM revival of plant started. TG was synchronised at 1.34 AM.
		04 June 2015	04 June 2015	Forced	1	34	
		11 June 2015	11 June 2015	Forced	2	18	At about 1.38 PM machine came on island mode due to failure of DVC power with a huge voltage surge in the system. In the consequence FD Fans along with coal feeders tripped. During normalisation it was found that coal feeder 1&2 could not getting start. As the furnace bed temperature and main steam pressure comes down sharply we stop the TG manually at 1.43 PM. DVC power was also not available at that time. After getting revival power at about 2.40 PM revival of power station started. Boiler was revived at 3.15 PM and TG was synchronised at 4.01 PM.
		15 June 2015	15 June 2015	Forced	1	30	TG was put on island mode from 2.10 PM to 2.53 PM due to bad weather condition. Just after synchronisation at about 2.53 PM TG tripped on "Under Frequency Protection" due to tripping of DRS Tie 2 and 3 feeder on d/dt protection following the tripping of Bagunia feeder on O/C protection. After available of revival power TG was synchronised at 3.23 PM.
		16 June 2015	16 June 2015	Forced	1	20	TG was running at 12.3 MW load suddenly tripped at 2.11 PM on "Under Frequency Protection" due to failure of DVC power. After available of revival power TG was synchronised at 3.31 PM.
		17 June 2015	17 June 2015	Forced	21	13	TG was tripped manually at 2.47 AM due to huge choking of all PA lines owing to over size coal (sudden failure of secondary vibrating screen mesh)
		18 June 2015	18 June 2015	Forced	18	6	Boiler was light up at 3.46 PM and TG was synchronised at 6.06 PM.
	Jun-15	19 June 2015	19 June 2015	Forced	1	39	Due to DPU - 32 /O Card status failure, which cause all Boiler related mimics 'Hangs' at the time, finally the Machine tripped in Low Vacuum at 11:59 AM. PRDS (PY_902 - PID) also Hangs which cause Pressure drop in the Ejector & Gland Sealing System. CWP - 3 started. Load reduced to 9 MW but all in vain. Machine synchronised at 01:38 PM after rectifying the fault in Ribbon Cable of DPU - 32 Module & Full Load (12 MW) achieved at 02:00 PM.
		21 June 2015	21 June 2015	Forced	1	33	TG tripped at 3.55 PM on h/f protection following the cable fault of CPP-DRS Tie 1 feeder. After getting revival power TG was synchronised at 5.28 PM.



Summary Details							
Unit No	Month	Outage		Nature (Planned / Forced)	Duration		
		From	To		Hours	Minutes	Hours
		23 June 2015	23 June 2015	Forced	1	56	1.93
<p>TG running with 12 MW suddenly at 00.59 AM TG came on island mode due to tripping of DRS Tie 2 and 3 on d/dt protection following the failure of DVC power. The m/c continue on island mode at 6.3 MW due to huge rainfall and thundering with three compartment. The m/c load came down to 5.0 MW and we decided to synchronised with DVC grid after normalization of weather condition to avoid steam venting. TG was re-synchronised with DVC grid at 4.52 AM with three compartments and m/c load od 9/10 MW. At about 7.15 AM TG tripped on over speed protection following the tripping of DRS Tie 2 and 3 at DRS grid during tripping of East Ring Feeder 1 on earth fault and over current at that time. ASIA board load was only 212 amps. After getting revival power revival of power station started and TG was synchronised at 8.19 AM and full load attain at 9.10 AM</p> <p>Again when m/c was running with 12.3 MW load suddenly at about 7.31 PM TG tripped on over speed protection due to tripping of DRS Tie 2 and 3 feeder on master trip relay following the master trip relay acted on all three DVC incomer transformer due to fault on DVC bus for isolation of generation bus from faulty DVC bus. After getting revival power revival of power station started and TG was synchronised at 8.23 PM and full load attain at 9.01 PM</p>							
		24 June 2015	24 June 2015	Forced	0	52	0.87
<p>When m/c was running with 12.3 MW load suddenly at about 6.48 PM TG tripped on over speed protection due to tripping of DRS Tie 2 and 3 feeder on master trip relay following the tripping of East Ring 1 feeder disc puncture. After getting revival power revival of power station started and TG was synchronised at 7.40 PM and full load attain at 8.11 PM</p>							



Unit No	Month	Outage		Nature (Planned / Forced)	Duration		Summary Details		
		From	To		Hours	Minutes	Hours	Minutes	
Turbine	Jul-15	01 July 2015	01 July 2015	Forced	0	54	0	0.90	TG was put on is-land mode at 2.40 PM due to bad weather condition and machine load came down from 12.3 MW to 9.0 MW. At 2.43 PM load came down to 7.9 MW due to tripping of Borodhomo feeder (part load of East Ring-4 feeder). At 2.56 PM again machine load came down to 6.3 MW due to tripping of East Ring 4 feeder on over current and earth fault. Again at 3.00 PM load came down to 1.63 MW due to tripping of Seetalpur 3 feeder tripped on over current and earth fault with a huge voltage dip in the system (11.2 KV to 6.2 KV) resulting to tripping of FD Fans, Coal feeders, CT Fans and Cooling water pumps in the consequence TG tripped on low vacuum protection at 3.01 PM. After getting revival power TG was synchronized at 3.55 PM. At 6.35 PM TG came on island mode due to tripping of DRS Tie 2 and 3 feeder on df/dt protection following the tripping of Indian Oaigen feeder and TG was synchronized at 7.37 PM. Again at 8.33 PM TG came on island mode due to tripping of DRS Tie 2 and 3 feeder on df/dt protection following the tripping of Indian East Ring 5 and TG was synchronized at 9.06 PM.
		Monday, July 06, 2015	Monday, July 06, 2015	Forced	0	50	0	0.83	While TG was running with 12.0 MW load suddenly TG tripped on O/S protection at 3.37 AM following the DVC power failure at that time ASEA board load was 401 amps load. After getting revival power TG was synchronized at 4.27 AM.
		18 July 2015	18 July 2015	Forced	16	7	16	16.12	TG was stopped at 7.53 AM as the coal bunker get empty.
		19 July 2015	19 July 2015	Forced	19	37	19	19.62	Boiler was light up at 5.40 PM and TG was synchronized at 7.37 PM and full loaded at 9.38 PM.
		24 July 2015	24 July 2015	Forced	0	42	0	0.70	When m/c was running with 12.3 MW load suddenly at about 8.20 PM TG tripped on under Frequency protection due to tripping of DRS Tie 2 and 3 feeder on df/dt protection following the power failure of DVC circuit. After getting revival power at 8.35 PM revival of power station started and TG was synchronized at 9.02 PM.
		25 July 2015	25 July 2015	Forced	12	33	12	12.55	TG came on island mode at 9.06 AM due to DVC power failure and synchronized at 11.01 AM. Again at 11.27 AM TG tripped on "under Frequency" protection following the power failure of DVC circuit at that instant No 2,3 & 4 compartment was in service and No 1 compartment was isolated due to non-availability of coal in the coal bunker and No 4 compartment coal quantity is very low at the bunker. So we decided for shutdown of plant and recover the plant after sufficient coal in the bunker.
		26 July 2015	26 July 2015	Forced	12	8	12	12.13	Boiler was light up at 9.25 PM and TG was synchronized at 12.08 PM and full loaded at 12.40 PM.
		28 July 2015	28 July 2015	Forced	5	50	5	5.83	TG was stopped at 3.16 AM due to boxed up the boiler following the exhaust of coal in the coal feeder 1 and severe jamming of PA lines of compartment No 2 and 3. After filled up the bunker boiler was light up at 8.15 AM and TG was synchronized at 9.06 AM.
		29 July 2015	29 July 2015	Forced	10	8	10	10.13	Compartment 1 was slump at 10.13 AM due to empty of coal in the bunker chute. TG was stopped at 1.52 PM due to boxed up the boiler following the huge choking of PA line of compartment 2 and 3 owing to over size coal.
		30 July 2015	31 July 2015	Forced	48	0	48	48.00	Plant under shutdown condition.
		01 August 2015	03 August 2015	Forced	72	0	72	72.00	Plant under shutdown condition low coal flow at CHP due to wet coal and huge rainfall.
		04 August 2015	04 August 2015	Forced	11	24	11	11.40	Boiler was light up at 9.52 AM and TG was synchronized at 11.24 AM.
		09 August 2015	09 August 2015	Forced	1	8	1	1.13	Compartment 4 was taken in to service at 7.52 AM. TG was stopped at 10.52 PM due to scarcity of coal at coal bunker.
		10 August 2015	11 August 2015	Forced	48	0	48	48.00	Plant under shutdown condition due to wet coal
		12 August 2015	12 August 2015	Forced	13	38	13	13.63	Boiler was light up at 12.05 PM and TG was synchronized at 1.38 PM.
		15 August 2015	15 August 2015	Forced	1	49	1	1.82	TG was stopped at 10.11 PM due to huge choking of PA lines of all coal feeders owing to over size coal.
		16 August 2015	16 August 2015	Forced	9	8	9	9.13	Boiler was light up at 7.45 AM and TG was synchronized at 9.08 AM
		17 August 2015	17 August 2015	Forced	0	51	0	0.85	TG was stopped from 11.41 AM to 12.32 PM for repairing of damage instrument air line near Cooling water pump area.
		18 August 2015	18 August 2015	Forced	11	16	11	11.27	TG was stopped at 12.44 PM as the coal bunker get empty.
19 August 2015	19 August 2015	Forced	7	46	7	7.77	Boiler was light up at 6.00 AM and TG was synchronized at 7.46 AM and full loaded at 8.15 AM. No 4 compartment was slump at 1.00 PM due to low coal flow.		



Unit No	Month	Outage		Nature (Planned / Forced)	Hours	Duration		Summary Details
		From	To			Minutes	Hours	
		22 August 2015	22 August 2015	Forced	18	10	18.17	TG was stopped at 5.50 AM as the coal bunker got empty due to low coal flow from CHP.
		23 August 2015	31 August 2015	Planned	216	0	216.00	Plant under shut down condition and overhauling job under progress.
	Sep-15	01 September 2015	30 September 2015	Planned	720	0	720.00	Plant under shut down condition and overhauling job under progress.
	Oct-15	01 October 2015	Tuesday, October 06, 2015	Planned	144	0	144.00	Plant under shut down condition and overhauling job under progress.
	Nov-15	Friday, October 07, 2015	31 October 2015	Forced	600	0	600.00	Plant under shut down due non availability of viable coal.
	Dec-15	01 November 2015	30 November 2015	Forced	720	0	720.00	Plant under shut down due non availability of viable coal.
		01 December 2015	31 December 2015	Forced	744	0	744.00	Plant under shut down due non availability of viable coal.
		01 January 2016	31 January 2016	Forced	744	0	744.00	Plant under shut down due non availability of viable coal.
		01 February 2016	11 February 2016	Forced	264	0	264.00	Plant under shut down due non availability of viable coal.
		12 February 2016	12 February 2016	Forced	21	52	21.87	Boiler was light up at 8.33 AM. TG was rolling started at 10.25 AM and synchronised at 12.27 PM. TG was stopped manually at 2.35 MM due to frequent coal flow choking at coal bunker chute.
		13 February 2016	16 February 2016	Forced	96	0	96.00	Plant under shut down condition. TG on barring gear. Draining of coal from coal bunker on process.
		17 February 2016	17 February 2016	Forced	14	39	14.65	Boiler was light up at 12.58 PM and TG was synchronised at 2.39 PM. Full load achieved at 4 PM.
		19 February 2016	19 February 2016	Forced	10	5	10.08	TG was stopped at 1.55 PM due frequent choking of PA lines and boiler as draining problem.
		20 February 2016	20 February 2016	Forced	21	37	21.62	Boiler was light up at 11.15 AM TG was synchronised at 2.47 PM and stopped at 5.10 PM due to boiler bed ash drain choking problem.
	Feb-16	21 February 2016	22 February 2016	Forced	48	0	48.00	Plant under shut down condition. TG on barring gear. Furnace preparation on progress.
		23 February 2016	23 February 2016	Forced	20	44	20.73	Boiler was light up at 6.30 PM and TG was synchronised at 8.44 PM. Full load achieved at 9.12 PM.
		28 February 2016	28 February 2016	Forced	0	37	0.62	TG tripped at 2.08 PM on over speed protection due to failure of DVC power, re-synchronised at 2.45 PM, full load (12 MW) achieved at 3.10 PM.
		29 February 2016	29 February 2016	Forced	2	49	2.82	TG tripped at 1.16 AM on over speed protection due to tripping of all connected load in the Asea Bus following the huge thundering and rain. After normalisation of weather revival of power station started at 3.20 AM and m/c was re-synchronised at 4.05 PM, full load (12 MW) achieved at 4.50 AM.



Unit No	Month	Outage		Nature (Planned / Forced)	Duration		Summary Details
		From	To		Hours	Minutes	
		01 March 2016	01 March 2016	Forced	0	31	TG tripped at 9.03 AM on over speed protection due to tripping of DRS tie 2 and 3 on directional over current protection following the tripping of Seetalpur feeder on earth fault. After getting revival power m/c was re-synchronised at 9.34 AM, full load (12 MW) achieved at 10.00 AM.
		02 March 2016	02 March 2016	Forced	2	4	TG was stopped at 9.56 PM as the boiler had to taken shutdown due to hanging of coal all four coal hopper at a time. After cleaning the furnace we will light up the boiler tomorrow.
		03 March 2016	03 March 2016	Forced	24	0	Plant under shut down condition. Furnace preparation job under progress.
		04 March 2016	04 March 2016	Forced	15	55	Boiler was light up at 1.00 PM and TG synchronised at 3.55 PM.
		05 March 2016	05 March 2016	Forced	20	54	TG was stopped at 3.05 AM as the Boiler was taken shutdown at 3.10 AM due to coal hanging at the coal bunker chute.
		06 March 2016	08 March 2016	Forced	72	0	Plant under shutdown condition furnace preparation on progress.
		09 March 2016	09 March 2016	Forced	11	17	Boiler was light up at 9.55 AM and TG was synchronised at 11.17 AM. TG came on island mode at 3.22 PM due failure of DVC power and re-synchronised at 3.49 PM.
	Mar-16	10 March 2016	10 March 2016	Forced	6	40	TG was stopped manually at 6.55 AM due to jamming of PA lines of 2,3&4 compartment at a instant. After normalisation of the PA line again TG was re-synchronised at 9.45 AM. Again at 8.10 PM TG was stopped manually due to evocation of boiler drain ash (huge quantity) due to non-availability of contract labour.
		11 March 2016	13 March 2016	Forced	72	0	Plant under shutdown condition furnace preparation on progress.
		14 March 2016	14 March 2016	Forced	23	40	Boiler was light up at 7.15 AM and TG was synchronised at 10.19 AM and stopped at 10.39 AM as the boiler had to take shutdown due to choking of all bed drain lines.
		15 March 2016	19 March 2016	Forced	120	0	Plant under shut down condition. TG on barring gear. Draining of coal from coal bunker completed. Arrangement for poaking of coal in the bunker on progress.
		20 March 2016	20 March 2016	Forced	10	50	Boiler was light up at 9.50 AM TG was synchronised at 10.50 AM.
		23 March 2016	23 March 2016	Forced	1	19	TG tripped at 6.19 PM on over speed protection due to tripping of DRS Tie 2 and 3 feeder on df/dt protection following the tripping of Mukma feeder at Kurmadubi grid under DVC. After getting revival power TG was synchronised at 7.38 PM.
					5475.08		



Total Planned Outage	1080.00
Total Forced Outage	4395.08
Total Forecast & Planned Outage	5475.08
Hence, PAF for DPS- New for FY2015-16=	37.50%

Unit No	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
	08.08.16 to 21.09.16	23.08.15 to 06.10.15	23.08.15 to 06.10.15	Overhauling job
	22.09.16 to 12.12.16			

Form A : Planned repairs and maintenance/forced outage / major repairs for generation plants

Name of the station : Dishergarh Power Station- New  
For the year : 2016-17

Unit No	Month	Outage		Nature (Planned / Forced)	Duration			Summary Details
		From	To		Hours	Minutes	Hours	
		01 April 2016	01 April 2016	Forced	0	50	0.83	TG tripped at 4.18 AM on over speed protection due to tripping of DRS tie 2 and 3 on df/dt protection following the tripping of Seetalpur-4 feeder on earth fault. After getting revival power m/c was re-synchronised at 5.08 AM.
		04 April 2016	04 April 2016	Forced	21	38	21.63	TG was stopped at 2.22 AM as the boiler had to take shutdown due to hanging of coal at bunker 3 & 4 at a time jamming of PA lines of 2nd compartment.
		05 April 2016	05 April 2016	Forced	11	22	11.37	Boiler was light up at 8.50 AM and TG was synchronised at 11.22 AM.
		13 April 2016	13 April 2016	Forced	1	22	1.37	TG tripped at 2.20 PM on over speed protection due to failure of DVC power followin the problem in Kumardubi grid of DVC. After getting the revival power at 3.00 Pm revival of power station started and TG was re-synchronised at 3.42 PM.
		17 April 2016	17 April 2016	Forced	12	58	12.97	Turbine was manually stopped at 11.02 AM due to PA line jamming and bunker hanging.
		18 April 2016	18 April 2016	Forced	24	0	24.00	Plant under shut down condition. TG on barring gear.
		19 April 2016	19 April 2016	Forced	10	32	10.53	Boiler was light up at 8.00 AM and TG was synchronised at 10.32 AM
	Apr-16	30 April 2016	30 April 2016	Forced	1	3	1.05	TG tripped at 7.37 AM on over speed protection due to tripping of DRS tie 2 & 3 at grid on directional current protection. TG was re-synchronised at 8.40 AM. TG came on island mode at 5.08 PM due to tripping of DRS Tie 2 and 3 on df/dt protection following the tripping of Seetalpur 3 feeder on earth fault protection. Re-synchronised at 6.05 PM. Again TG came on island mode at 6.24 PM in the same cause during switch on the Seetalpur 3 feeder after getting clearance from DPS T&D. Re-synchronised at 7.08 PM. Still now Seetalpur feeder not available.
		01 May 2016	01 May 2016	Forced	0	55	0.92	TG tripped at 12.22 PM on over speed protection due to tripping of DRS tie 2 and 3 on df/dt protection following the tripping of IOC - 1 feeder on earth fault. After getting revival power m/c was re-synchronised at 1.17 PM.
		05 May 2016	05 May 2016	Forced	22	32	22.53	TG was taken shutdown manually at 1.28 AM after exhaustion of coal in the coal bunker. We will start our generation after receive of usable coal.
		06 May 2016	09 May 2016	Forced	96	0	96.00	Plant under shutdown condition due to non-availability of useable fuel.
		10 May 2016	10 May 2016	Forced	10	58	10.97	Boiler was light up at 9.00 AM and TG was synchronised at 10.58 AM.
		16 May 2016	16 May 2016	Forced	1	34	1.57	TG tripped at 7.26 PM on under frequency protection following the tripping of DVC circuit. After availability of revival power TG was re-synchronised at 9.00 PM.
		17 May 2016	17 May 2016	Forced	2	22	2.37	TG put on island mode at 4.15 PM due to bad weather condition and m/c tripped at 4.48 PM on over speed protection following the tripping of Seetalpur 3 feeder on earth fault following the huge thundering and storm. After getting revival power from DVC TG was re-synchronised at 7.10 PM.
	May-16	25 May 2016	25 May 2016	Forced	0	29	0.48	TG came on island mode at 10.53 AM due failure of DVC power and re-synchronised at 11.47 AM. TG tripped at 7.20 PM on "Thrust bearing temperature High" spurish signal. After through checking TG was re-synchronised at 7.49 PM.
		29 May 2016	29 May 2016	Forced	0	45	0.75	TG tripped at 3.32 PM on "Thrust bearings temperature High" spurish signal. After through checking TG was re-synchronised at 4.13 PM.



Unit No	Month	Outage		Nature (Planned / Forced)	Duration		Summary Details
		From	To		Hours	Minutes	
		31 May 2016	31 May 2016	Forced	1	15	TG tripped at 11.09 AM on Exhaust steam pressure high due to mal functioning of gland steam control valve. After necessary checking TG was re-synchronised at 11.43 AM. Again TG tripped at 8.37 PM on control oil pressure low protection following the failure of DVC power on huge voltage dip in the system resulting all auxiliary equipment were tripped. After getting revival power TG was re-synchronised at 9.18 PM.
		08 June 2016	08 June 2016	Forced	0	28	TG tripped at 9.07 AM due to mal functioning of Turbinr Thrust bearing temperature. After necessary checking TG was re-synchronised at 9.35 AM. TG came on island mode at 8.31 PM due to tripping of DRS Tie 2 and 3 feeder following the tripping of Seetalpur feeder on earth fault. Re-synchronised at 9.08 PM. Again TG came on island mode on same reason at 9.23 PM and Re-synchronised at 9.32 PM
		09 June 2016	09 June 2016	Forced	12	46	TG was taken shutdown at 6.51 AM due to choking of PA line of 3 and 4 compartment. After clearing the choking boiler was revived at 9.00 PM and TG was re-synchronised at 9.39 AM. Again at 1.41 PM TG came on island mode due to tripping of DRS Tie 2 & 3 feeder following the tripping of East Ring feeder on earth fault. At about 1.54 PM all auxiliary of boiler and turbine were tripped due to huge voltage dip in the system (7.7 KV) following the tripping of Seetalpur 4 feeder. Boiler had to take shutdown at 2.02 PM as the low bed temperature due to hanging of coal in the coal bunker chute. It was decided that boiler will restart on Saturday morning after necessary cleaning of furnace bed
		10 June 2016	10 June 2016	Forced	24	0	Plant under shutdown condition. Furnace bed preparation on progress.
		11 June 2016	11 June 2016	Forced	11	21	Boiler was light up at 9.15 AM and TG was synchronised at 11.21 AM
		16 June 2016	16 June 2016	Forced	23	40	TG was stopped at 00.20 AM for repairing of ESV flange gasket leakage.
		17 June 2016	23 June 2016	Forced	168	0	Plant under shutdown condition for repairing of ESV flange gasket leakage
		24 June 2016	24 June 2016	Forced	9	48	Boiler was light up at 6.50 AM and TG was synchronised at 9.48 AM and full load at 10.30 AM.
		26 June 2016	26 June 2016	Forced	23	2	TG was stopped at 12.58 MN due hanging of coal at coal bunker chute simultaneously 3 and 4 coal feeders and PA line choking of coal feeder 2 as a result furnace bed temperature came down below operating temperature. After cleaning the furnace and draining the the wet coal from bunker plant will start tomorrow morning (27.06.2016)
		27 June 2016	27 June 2016	Forced	10	56	Boiler was light up at 9.15 AM and TG was synchronised at 10.56 AM and full load at 12.15 PM.
		29 June 2016	29 June 2016	Forced	3	9	TG tripped was stopped at 8.51 PM due to choking of PA lines of 3 rd coal feeder and simultaneous hanging of coal at coal chute of 1 and 2 resulting bed temperature came down below operating temperature and forced to boxed up the boiler. After cleaning the furnace bed plant will restart tomorrow evening.
		30 June 2016	30 June 2016	Forced	19	32	Boiler was light up at 5.19 PM and TG was synchronised at 7.32 PM and full load at 10.15 PM.
		03 July 2016	03 July 2016	Forced	7	34	TG was stopped at 4.26 PM due to wet coal. Choking of PA lines of 3 rd coal feeder and simultaneous hanging of coal at coal chute of 1, 2, 3 & 4 resulting bed temperature came down below operating temperature and forced to boxed up the boiler. Huge rail still continue from yesterday and today.
		04 July 2016	15 July 2016	Forced	288	0	Plant under shutdown condition due to wet coal.
		16 July 2016	16 July 2016	Forced	12	5	Boiler was light up at 9.30 AM and TG was synchronised at 12.05 Noon
		21 July 2016	21 July 2016	Forced	4	32	Plant was stopped at 7.28 PM as the 4th bunker exploded for low coal flow through CHP due to wet coal. Plant will be start on 23.07.2016 after filling of coal bunker and cleaning of furnace bed.





Unit No	Month	Outage		Nature (Planned / Forced)	Duration			Summary Details
		From	To		Hours	Minutes	Hours	
Turbine		22 July 2016	22 July 2016	Forced	24	0	24.00	Plant under shutdown condition. Coal filling in the bunker on progress and plant will be start tomorrow (23.07.2016) morning.
		23 July 2016	23 July 2016	Forced	11	28	11.47	Boiler was light up at 9.40 AM and TG was synchronised at 11.28 AM. Low coal flow through CHP due to wet coal.
		26 July 2016	26 July 2016	Forced	1	32	1.53	Plant was stopped at 10.28 PM as the coal bunker exhausted for low coal flow through CHP due to wet coal.
		27 July 2016	31 July 2016	Forced	120	0	120.00	Plant under shutdown condition due to wet coal.
		01 August 2016	01 August 2016	Forced	18	19	18.32	Boiler was light up at 4.20 PM and TG was synchronised at 6.19 PM.
		06 August 2016	06 August 2016	Forced	4	33	4.55	TG was taken shutdown at 7.27 PM due to empty of coal bunker following the low coal flow through CHP due to wet coal.
		07 August 2016	07 August 2016	Forced	24	0	24.00	Plant under shutdown condition due to wet coal.
		08 August 2016	31 August 2016	Planned	576	0	576.00	Plant under shutdown condition. Statutory overhauling job started.
		01 September 2016	21 September 2016	Planned	504	0	504.00	Plant under shutdown condition. Statutory overhauling job continued and completed on 21.09.2016
		22 September 2016	30 September 2016	Planned	216	0	216.00	CHP Modification Foundation job on progress. M/s Saikrupa started the dismantling job of C 1 conveyor and primary screen on progress by M/s Saikrupa since 22.09.2016.
		01 October 2016	31 October 2016	Planned	744	0	744.00	CHP Modification Foundation job on progress. M/s Saikrupa started the dismantling job of C 1 conveyor and primary screen on progress by M/s Saikrupa since 22.09.2016.
		01 November 2016	30 November 2016	Planned	720	0	720.00	CHP Modification Foundation job on progress. M/s Saikrupa started the dismantling job of C 1 conveyor and primary screen on progress by M/s Saikrupa since 22.09.2016.
		01 December 2016	12 December 2016	Planned	288	0	288.00	CHP Modification Foundation job on progress. M/s Saikrupa started the dismantling job of C 1 conveyor and primary screen on progress by M/s Saikrupa since 22.09.2016.
		13 December 2016	13 December 2016	Forced	11	50	11.83	Boiler was light up at 8.30 AM and TG was synchronised at 11.50 AM. Full load achieved at 1.00 PM.
		14 December 2016	14 December 2016	Forced	21	8	21.13	TG was stopped at 2.52 AM due to choking of coal in the coal bunker chute. Please note that the available coal in coal yard is still wet condition as we receive the same is totally wet condition.
		15 December 2016	18 December 2016	Forced	96	0	96.00	Plant under shutdown condition due to wet and fines coal.
19 December 2016	19 December 2016	Forced	19	38	19.63	Boiler was light up at 5.30 PM and TG was synchronised at 7.38 PM. Full load achieved at 8.30 PM.		
21 December 2016	21 December 2016	Forced	5	13	5.22	At about 6.30 PM sudden choking of 2 Nos PA lines of coal feeder No 2 and simultaneously change of coal quality the furnace temperature drop sharply and boxed up the boiler immediately. And TG was stopped at 6.47 PM. During revival process the clinker formation occurred in the furnace bed.		
22 December 2016	25 December 2016	Forced	96	0	96.00	Plant under shutdown condition due to wet and fines coal.		
26 December 2016	31 December 2016	Forced	16	56	16.93	Boiler was light up at 7.40 AM and TG was synchronised at 10.04 AM with two compartments. All four compartment could not be taken into service due to frequent jamming of wet trails coals in the coal distributor chute and P.A lines. TG had to stopped at 5.08 PM due to coal jamming problem.		
27 December 2016	31 December 2016	Forced	120	0	120.00	Plant under shutdown condition due to wet and fines coal.		
01 January 2017	19 January 2017	Forced	456	0	456.00	Plant under shutdown condition due to wet and fines coal.		
20 January 2017	20 January 2017	Forced	11	47	11.78	Boiler was light up at 9.30 AM and TG was synchronised at 11.47 AM. Full load (12 MW) achieved at 12.20 PM.		



Unit No	Month	Outage		Nature (Planned / Forced)	Duration			Summary Details
		From	To		Hours	Minutes	Hours	
Jan-17		27 January 2017	27 January 2017	Forced	2	24	2.40	At about 00.26 AM suddenly TG tripped on "High Speed" protection following the tripping of DPS Tie 3 feeder on ASEA bus and as well as DPS grid on Directional Over current and Earth Fault. After getting revival power we re-start the boiler and TG was re-synchronised at 2.50 AM. On checking it has been found that the DPS Tie 3 feeder cable (under ground) fault is there and location of fault still to be identify. At present we are running with DPS Tie 2 feeder only & Asea bus feeder load and load of the machine restrict as per ASEA bus loading to limit the DPS Tie 2 feeder load.
		01 February 2017	01 February 2017	Forced	12	54	12.90	TG was in islanding mode from previous day and re-synchronised at 9.51 AM. TG was manually stopped at 10.48 AM due to boiler steam pressure problem. After revival of boiler TG was synchronised at 11.18 AM but again TG had to be stopped at 11.36 AM due to clinker formation in the furnace bed. It has been decided again boiler will light up after cleaning the furnace bed and rectification of DPS Tie 3 feeder and also subject to availability of coal (Two Product) as our useable coal stock only for two/three days.
		02 February 2017	04 February 2017	Forced	72	0	72.00	Plant under shutdown condition and furnace cleaning job under progress and boiler will be light up tomorrow morning.
		05 February 2017	05 February 2017	Forced	24	0	24.00	Boiler was light up at 9.30 AM and TG rolling started at 10.45 AM but TG had to be stopped manually due to sudden oil leakage developed in the MOP discharge oil line vent pipe welding joint. After rectification of the same boiler will light up tomorrow.
		06 February 2017	06 February 2017	Forced	24	0	24.00	Boiler was light up at 5.25 PM but light up failed due to clinker formation in the 2nd compartment. After draining the coal of 1 No coal feeder side and cleaning the furnace bed boiler will light up tomorrow/day after tomorrow.
		07 February 2017	07 February 2017	Forced	24	0	24.00	Furnace cleaning job and coal bunker draining job completed. Furnace preparation job on progress. Boiler will light up to-morrow morning (08.02.2017)
		08 February 2017	08 February 2017	Forced	11	30	11.50	Boiler was lighted up at 10 AM and TG was synchronised at 11.30 AM
		18 February 2017	18 February 2017	Forced	17	49	17.82	TG was stopped at 6.11 AM as the boiler had to be stopped due to sudden choking of PA lines, distributor line choking and coal hanging at coal bunker chute causes low furnace bed temperature. During revival of boiler clinker formation occurred in the furnace bed. It has been decided that boiler will light up after cleaning the furnace bed.
		19 February 2017	19 February 2017	Forced	24	0	24.00	Plant under shutdown condition furnace cleaning job under progress. After cleaning the furnace boiler will light up to-morrow morning.
		20 February 2017	20 February 2017	Forced	12	3	12.05	Boiler was lighted up at 9.30 AM and TG was synchronised at 12.03 PM. Full load (12 MW) achieved at 1.36 PM.
		22 February 2017	22 February 2017	Forced	23	27	23.45	TG was stopped manually at 00.33 AM as the steam parameter became beyond control. It has been decided that the boiler will light up after through cleaning the furnace.
		23 February 2017	23 February 2017	Forced	24	0	24.00	Plant under shutdown condition, furnace cleaning job under progress
		24 February 2017	24 February 2017	Forced	11	24	11.40	Boiler was lighted up at 9.00 AM and TG was synchronised at 11.24 AM and full load achieved at 12.30 PM.
		09 March 2017	09 March 2017	Forced	1	42	1.70	TG tripped at 3.05 PM on over speed protection due to tripping of most out going feeder following huge storm and rain. After getting the revival power TG was synchronised at 4.47 PM. Please note that the furnace bed condition is not good.
		10 March 2017	10 March 2017	Forced	1	32	1.53	TG tripped at 2.23 PM on over speed protection due to tripping of most out going feeder following huge storm and rain. After getting the revival power TG was synchronised at 2.57 PM. Please note that the furnace bed condition is not good.
12 March 2017	12 March 2017	Forced	24	0	24.00	TG was stopped manually at 00.05 AM due to clinker formation in the furnace bed.		



Unit No	Month	Outage		Nature (Planned / Forced)	Duration		Summary Details
		From	To		Hours	Minutes	
		13 March 2017	14 March 2017	Forced	48	0	Plant under shutdown condition and furnace bed cleaning job under progress.
		15 March 2017	15 March 2017	Forced	10	4	Boiler was lighted up at 7.10 AM and TG was synchronised at 9.38 AM. TG tripped at 1.07 PM on over speed protection due to tripping of DPS Tie 2 and 3 following the tripping of Ekra feeder on J K Nagar circuit. Re-synchronised at 1.33 PM.

5314.68

Total Planned Outage	3048
Total Forced Outage	2266.68
Total Forced & Planned Outage	5314.68
Hence, PAF for DPS-New for FY2016-17=	99.33%

Unit No.	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
		08.08.16 to 21.09.16	08.08.16 to 21.09.16	Overhauling job
		22.09.16 to 12.12.16	22.09.16 to 12.12.16	CHP modification

