|  |  |
| --- | --- |
|  |   **पंजीकृत कार्यालय :शक्ति सदन, कोटला रोड़, न्यू दिल्ली-110002**(Regd. Office Shakti Sadan, Kotla Road, New Delhi-110002) **कार्यालय उपमहाप्रबंधक (एस.ओ.)** **Office of Dy. General Manager (SO)****एस एल डी सी बिल्डिंग, मिंटो रोड़, न्यू दिल्ली-110002** SLDC Building, Minto Road, New Delhi-110002Ph: 23221149 FAX No.23221012 |
| **No. F./DTL/207 /DGM(SO)/11-12/57** | **Dated : 07.03.2012**  |

**Subject : Minutes of the Meeting held on 06.03.2012 for planning shut-down of**

**Dadri (Thermal) and BTPS Units for 2012-13**

Dear Sir, / महोदय

The copy of the Minutes of the Meeting held on 06.03.2012 at Delhi SLDC for planning shut-down of Dadri (Thermal) and BTPS units for 2012-13 is enclosed for ready reference and further necessary action please.

It is also available in SLDC website [*www.delhisldc.org*](http://www.delhisldc.org) at Meeting Portal.

Thanking you,

 भवदीय / Yours faithfully

Encl. As above

 (**वी.वेणुगोपाल)/(V. Venugopal )**

 **(उपमहाप्रबंधक (एस.ओ.)/**Dy. G. M. (SO)

List of addresses

1. Executive Director (T), DTL, Shakti Deep Bldg. Jhandewalan, New Delhi-110055
2. Executive Director(Engg.), DERC, Viniyamak Bhawan, Shivalik, New Delhi-17
3. General Manager (O&M), DTL, Park Street, 220kV S/Stn, New Delhi
4. General Manager (OS), NCR Headquarter, Noida
5. General Manager, Dadri (Thermal), Dadri National Thermal Power Project, Dadri-Dhaulan Road, Gautam Budh Nagar, UP-201008
6. General Manager, Dadri National Capital Power Project Stage-II, Dadri – Dhaulana Road, Gautam Budh Nagar, UP-201008
7. General Manager, Badarpur Thermal Power Stn., Badarpur, New Delhi-110044
8. General Manager (Commercial), DTL
9. General Manager, RPH
10. General Manager, G.T. Station
11. General Manager, Pragati Station
12. General Manager, SLDC, Delhi
13. CWE (Utilities), MES, Delhi Cantt., New Delhi-110010
14. Addl. Vice President, System Operation, BRPL, Balaji Estate, Kalkaji, New Delhi
15. DGM(SO), System Operation, BYPL, Balaji Estate Kalkaji, New Delhi
16. Chief Engineer (Electrical-1), NDMC, Palika Kendra, New Delhi-110001
17. Chief Engineer (Electrical -2), NDMC, Palika Kendra, New Delhi -110001
18. Director (Comml.), NDMC, Palika Kendra, New Delhi-1
19. Sh. Chander Mohan, Vice President & Head (Network Operation), BRPL, BSES Bhawan Nehru Place, New Delhi-19
20. Sh. Ajay Kumar, Vice President (PP&PMG), BRPL, Bldg. No. 20, Nehru Place, New Delhi-110019
21. General Manager (PP&CC), NDPL, Corporate Office, 3rd Floor, Sub-Station Building, Hudson Lines, Kingsway Camp, Delhi-110019
22. Sh. Sunil Kakkar, Addl. Vice President (PMG), BSES Yamuna Power Ltd., Shakti Kiran Building, Karkardooma, Delhi 110092
23. Sh. Sanjay Srivastava, AVP (PMG), BRPL, Bldg. No. 20, Nehru Place, New Delhi-19
24. General Manager (Commercial), National Thermal Power Corporation, NTPC NCR Headquarter, Sector-24, Noida, UP-201301
25. Manager (SO)-Shift, Delhi SLDC
26. Executive Engineer (SO), NDMC, Minto Road

Copy for favour of kind information to :

* 1. Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-110017
	2. CMD, DTL
	3. Member Secretary, NRPC, **18A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-16**
	4. **Director (Operations), NTPC Ltd, Core-7, Scope Complex, Lodhi Road, New Delhi-03**
	5. Chairperson, New Delhi Municipal Council, Palika Kendra, Sansad Marg, New Delhi
	6. CEO, BSES Rajdhani Power Ltd, BSES Bhawan, Nehru Place, New Delhi-110019
	7. CEO, BSES Yamuna Power Ltd, Shakti Kiran Building, Karkardooma, Delhi-92
	8. Managing Director, NDPL, 33kV Grid S/Stn, Hudson Lane, Kingsway Camp, Delhi-9
	9. Chief Engineer (Utilities), CWE,MES, Kotwali Road, Near Gopi Nath Bazar, Delhi Cantt New Delhi-110010
	10. Managing Director, Indraprastha Power Generation Company Ltd (Genco) / Pragati Power Corporation Ltd (PPCL), Himadri, Rajghat Power House, New Delhi-110002
	11. Joint Secretary (Power), GNCTD
	12. Director (T), PPCL, Himadri, Rajghat Power House, New Delhi-110002
	13. Director (Operations), DTL
	14. G.M., NRLDC, **18A, Shaheed Jeet Singh Marg, Opp. Katwaria Sarai, New Delhi-16**
	15. **Director (O&M), Ministry of Power, Govt. of India, Shram Shakti Bhawan, New Delhi-01**

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**DELHI TRANSCO LTD.**

(Regd. Office : Shakti Sadan, Kotla Road, New Delhi 110002)

**[Office of Dy. General Manager (SO)]**

SLDC Building, Minto Road, New Delhi – 110 002

Phone No.23221149, Fax 23221012, 23221059

**Subject : Minutes of the Meeting held on 06.03.2012 for planning of shut-**

**down of Dadri (Thermal) and BTPS Units for 2012-13**

General Manager, SLDC welcomed all delegates in the meeting. It was apprised that the meeting has been convened to finalize the shut-down programme for maintenance of Dadri Thermal and BTPS units for 2012-13. This meeting was convened on the advise of NRPC as the major share holder of these projects are Delhi Discoms. It was emphasized that the shut-downs of Dadri Thermal particularly 490MW units and 210MW units of BTPS are required to be coordinated as per the load requirement of Delhi.

List of the participants is enclosed as Annexure-A.

The following points were discussed and decided.

1 NTPC requested to approve the shut-downs of generating units as under :-

|  |  |  |
| --- | --- | --- |
|  **Station**  | **Capacity in MW** | **Shut-down period proposed by NTPC** |
| Dadri (Th) Unit-1 | 210 | 01.04.2012 to 20.04.2012 |
| Dadri (Th) Unit-5 | 490 | 22.04.2012 to 16.05.2012 |
| Dadri (Th) Unit-6 | 490 | 14.07.2012 to 16.07.2012 |
| Dadri (Th) Unit-2 | 210 | 20.08.2012 to 23.09.2012 |
| Dadri (Th) Unit-6 | 490 | 01.10.2012 to 25.10.2012 |
| BTPS Unit-3 | 95 | 01.04.2012 to 20.04.2012 |
| BTPS Unit-2 | 95 | 01.08.2012 to 20.08.2012 |
| BTPS Unit-5 | 210 | 25.10.2012 to 03.12.2012 |
| BTPS Unit-4 | 210 | 15.03.2013 to 23.04.2013 |

2 SLDC projected the demand – availability position based on above proposal of shut-downs during the summer months as under :-

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Duration (in hrs.)** | 00-03 | 03-09 | 09-12 | 12-18 | 18-24 | 00-03 | 03-09 | 09-12 | 12-18 | 18-24 |
| **APRIL 2012** |
| DEMAND | 3700 | 3300 | 4050 | 4500 | 4100 | 4100 | 3650 | 4100 | 4500 | 4300 |
| AVAILABILITY | 4427 | 4427 | 4427 | 4545 | 4692 | 4355 | 4355 | 4355 | 4473 | 4620 |
| SURPLUS (+) / SHORTAGE (-) | **727** | **1127** | **377** | **45** | **592** | **255** | **705** | **255** | **-28** | **320** |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Duration (in hrs.)** | 00-03 | 03-09 | 09-12 | 12-18 | 18-24 | 00-03 | 03-09 | 09-12 | 12-18 | 18-24 |
| **MAY 2012** |
| DEMAND | 4500 | 4100 | 4500 | 5000 | 4750 | 4700 | 4450 | 4900 | 5300 | 5100 |
| AVAILABILITY | 4523 | 4523 | 4523 | 4670 | 4758 | 4842 | 4842 | 4842 | 4989 | 5077 |
| SURPLUS (+) / SHORTAGE (-) | **23** | **423** | **23** | **-330** | **8** | **142** | **392** | **-59** | **-311** | **-23** |
| **JUNE 2012** |
| DEMAND | 4700 | 4200 | 4800 | 5300 | 5200 | 4850 | 4600 | 5100 | 5500 | 5200 |
| AVAILABILITY | 4842 | 4842 | 4842 | 5077 | 5107 | 4842 | 4842 | 4842 | 5077 | 5107 |
| SURPLUS (+) / SHORTAGE (-) | **142** | **642** | **42** | **-223** | **-93** | **-9** | **242** | **-259** | **-423** | **-93** |
| **JULY 2012** |
| DEMAND | 4600 | 4300 | 4750 | 5200 | 5000 | 4500 | 4200 | 4700 | 5200 | 5000 |
| AVAILABILITY | 4842 | 4842 | 4842 | 5077 | 5107 | 4842 | 4842 | 4842 | 5077 | 5107 |
| SURPLUS (+) / SHORTAGE (-) | **242** | **542** | **92** | **-123** | **107** | **342** | **642** | **142** | **-123** | **107** |
| **AUG 2012** |
| DEMAND | 4700 | 4200 | 4800 | 5500 | 5300 | 4300 | 3800 | 4600 | 4900 | 4800 |
| AVAILABILITY | 4612 | 4612 | 4612 | 4847 | 4877 | 4525 | 4525 | 4525 | 4760 | 4790 |
| SURPLUS (+) / SHORTAGE (-) | **-89** | **412** | **-188** | **-653** | **-423** | **225** | **725** | **-76** | **-140** | **-10** |
| **SEP 2012** |
| DEMAND | 4500 | 4200 | 4500 | 4900 | 4800 | 4100 | 3600 | 4300 | 4300 | 4200 |
| AVAILABILITY | 4675 | 4675 | 4675 | 4822 | 4910 | 4595 | 4595 | 4595 | 4742 | 4830 |
| SURPLUS (+) / SHORTAGE (-) | **175** | **475** | **175** | **-78** | **110** | **495** | **995** | **295** | **442** | **630** |

3 The demand – availability position reveals that there is a huge shortage, if 490MW machine is allowed for shut-down during the period 22.04.2012 to 16.05.2012. It was also indicated that as per the weather predictions, this year, summer would attain peak from beginning of April itself which is evident from the abnormally high temperature during pre Holi period. Distribution Licensees expressed their inability to arrange additional power to take care of the outage as the entire country is facing shortage of power as even with full availability from all units, the shortages are expected as evident from the above mentioned power supply position. The availability is expected to pick up from June onwards if the South-West Monsoon hits the country on time from Southern part of the country.

4 Further, the representative of Distribution Licensees were surprised to note that no shut-downs have been planned during the period November 2012 to March 2013 in respect of Dadri (Thermal) Stage-I & II. It was emphasized that November to March was considered as the lean period as far as Delhi’s power demand is concerned. In most of the time, due to lack of demand, full schedule of generation could not be dispatched from these units. The generating utilities must avail the opportunity of backing down of generation to carry out the necessary maintenance works to safeguard the interest of consumers of Delhi.

5 NTPC representatives mentioned that the planning of shut-downs of generating units was done based on the NRPC’s guidelines that no shut-down of major units (500MW and above) be availed during the period 15th May to 15th August and 15th December to 15th February to take care of summer and winter demand of the region. They appreciated the concern of the Distribution Licensees & SLDC and assured that while drawing out maintenance schedules for Dadri (Thermal)-II units and 210MW units of BTPS, Delhi’s power demand would be kept in mind in future.

6 NTPC representatives expressed their inability to pre-pone the shut-down of Unit-5 of Dadri thermal as the material required would be readied only by 2nd week of April 2012 as informed by BHEL, the manufacturer. However, they assured that all possible efforts were being taken to get the material as quick as possible and a senior level officer was camping at BHEL works to arrange material as the conditions of the units were not conducive for stable operation.

7 The representatives of Distribution Licensees and SLDC advised NTPC to swap the shut-down of Dadri (Thermal) Unit-5 with that of Unit-1 at any cost looking into the precarious power supply position. NTPC representatives agreed to consider the suggestion at best efforts basis.

After discussions, it was agreed that when the material is arrived, they would further discuss the matter with SLDC and Distribution Licensees for considering the shut-downs by the time, behavior of weather conditions, load requirement could also become known.

8 It was noted that 490MW unit-6 of Dadri Thermal unit has been planned for the boiler licensee renewal during the period 14.07.2012 to 16.07.2012 which is considered traditionally high demand period of Delhi. NTPC was requested, since these shut-downs are required to meet the mandatory requirement of boiler license renewal, which may be done during these lean period i.e. prior to 31.03.2012. NTPC representatives informed that since, the pre-pone of the shut-downs for boiler license renewal requires the coordination with Boiler Inspectorate of Uttar Pradesh and if possible, it would be done before 31.03.2012.

9 It was noted that the unit no.4 of BTPS capacity 210MW has been planned for the period 15.03.2013 to 23.04.2013 for major R&M works. NTPC was requested to avail the shut-down from 15.02.2013 to 31.03.2013 which is considered to be most suitable period than the proposed shut-down period. NTPC representatives agreed to consider the suggestion and would take up the matter with their management for proper coordinated shut-down programme of generating plants of NTPC.

10 Winding up the discussions, there was broad consensus among NTPC, Distribution Licensees and SLDC, while planning the shut-downs of Dadri (Thermal)-II (490MW capacity) and BTPS 210MW units, the period should be kept in such a manner that it did not clash with high demand requirement condition of Delhi i.e. 1st April to 15th October. The shut-down programme of Dadri (Thermal) and BTPS units were considered as under :-

|  |  |  |
| --- | --- | --- |
|  **Station**  | **Capacity in MW** | **Shut-down period proposed by SLDC** |
| Dadri (Th) Unit-1 | 210 | If the shut-down is essential, 490MW unit should be availed from 01.04.2012 for 25 days. Shut-down of unit-1 be availed from 26.04.2012 for 20 days. If the material is not ready for unit-5, the shut-down programme of unit-1 may be adhered to. For allowing shut-downs of unit-5, the final decision would be taken after the receipt of the material and considering the weather conditions and demand pattern at that time.  |
| Dadri (Th) Unit-5 | 490 |
| Dadri (Th) Unit-6 | 490 | Any three days in the month of March 2012. |
| Dadri (Th) Unit-2 | 210 | 20.08.2012 to 23.09.2012 |
| Dadri (Th) Unit-6 | 490 | 01.10.2012 to 25.10.2012 |
| BTPS Unit-3 | 95 | 01.04.2012 to 20.04.2012 |
| BTPS Unit-2 | 95 | 01.08.2012 to 20.08.2012 |
| BTPS Unit-1 | 95 | 15.09.2012 to 04.10.2012 |
| BTPS Unit-5 | 210 | 25.10.2012 to 13.12.2012 |
| BTPS Unit-4 | 210 | 15.02.2013 to 31.03.2013 |

Meeting ended with thanks to the Chair.

**Annexure-A**

**The list of the officers attended the meeting held at SLDC on 06.03.2012 with regard to planning of shut-downs of Dadri (Thermal) and BTPS units**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. N.** | **Name**  | **Designation** | **Utility** | **Mobile no.** | **Email** |
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| 3 | Sh.Umesh Singh | DGM(MTP-Th), Dadri | NTPC | 9650994620 | umeshsingh@ntpc.co.in |
| 4 | Sh. Shailesh Dhiman | Sr. Manager (OS), NCRHQ | NTPC | 9650990166 | shaileshdheman@ntpc.co.in |
| 5 | Sh. D. Makhija | AGM (MTP), BTPS | NTPC | 9650993802 | devindermakhija@ntpc.co.in |
| 6 | Sh. S.K. Maheshwari | DGM(EEM), BTPS | NTPC | 9650993817 | skmaheshwari@ntpc.co.in |
| 7 | Sh. S.K. Majumdar | DGM(EEM), NCPS | NTPC | 9650994625 | skmajumdar03@ntpc.co.in |
| 8 | Sh. V.B. Singh | Manager (SO) | SLDC | 9999533811 | vbsingh2008@gmail.com |
| 9 | Sh. Anurag Sharma | Manager (PMG) | BYPL | 9313553021 | anurag.kr.sharma@relianceada.com |
| 10 | Sh. Sunil Kakkar | AVP (PMG) | BYPL | 9312147042 | sunil.kakar@relianceada.com |
| 11 | Sh. Ajay Kumar | VP (PP&NN) | BRPL | 9350683910 | ajay.i.kumar@relianceada.com |
| 12 | Sh. Ashis Kumar Dutta | A.G.M. | TPDDL | 9871798566 | ashis.dutta@tatapower-ddl.com |
| **13** | Sh. K.S. Meena | Executive Engineer(SO) | NDMC | 9871798566 | meenaks24@rediffmail.com |