

NORTHERN REGIONAL POWER COMMITTEE

Additional Agenda for Special meeting on issues related to discoms to be held on 30.07.2018.

Date & time: 30-07-2018 at 11.00 hrs.

Venue: NRPC Secretariat, New Delhi

AA1. Presentation on best practices being followed in distribution (Presentation to be made by TPDDL):

AA2. Post facto Correction of Implemented Schedule (Agenda by TPDDL):

TPDDL is controlling drawl based on the real time schedule. The changes made in the schedule on post facto basis have led to imposition of penalties on TPDDL. The real time scenario and deviations mentioned in final bill is very different. TPDDL is facing lot of difficulty in intra-day scheduling due to arbitrary adjustment in implemented schedule by energy account at the time of REA and DSM bill.

AA2.1. Non-Communication of Delhi SLDC operation team and energy accounting team

There are many instances where on account of grid security, utilities have co-operated with each other with URS power, their own entitlement power sharing etc. during real time. However the information was not properly conveyed to energy accounting team, as result effort of real time power management goes into vein when the same is not reflected in respective book of accounts. TPDDL is facing the same issue in DSM account of WEEK-33 and Week-37. (**Annexure-1**).

AA2.2. Methodology of adjustment in real time schedule

TPDDL has raised the issue of inappropriate adjustment distribution to energy account team through e-mail and letter (**Annexure-2**). TPDDL does not agree with methodology of adjustment. However, no action is being taken from Delhi SLDC. It is suggested that the methodology of adjustment in real time schedule during finalizing implemented schedule for REA and DSM account should be discussed with the DISCOMs and proper guidelines should be prepared. TPDDL has brought the same to the notice of Delhi SLDC during provisional DSM bill verification. No entity should be allowed to change the final drawl schedule issued at the end of the day. If the same is desired due to unavoidable circumstances then necessary approval of the beneficiary should be availed.

The same issue was raised by TPDDL in the OCC meeting of NRPC in June-2015. It was decided that such post facto corrections will be avoided by any entity. As per MoM of the 112th OCC dated 13th Jul 2015

Page No 46. "AA.3 Waiver of ADSM charges on account of Post Facto Schedule correction"

"Representative of NRLDC intimated that it rarely happens when Inter-Regional schedules are not followed and changes are not intimated to concern SLDCs. He added that sometimes, intimation is not received by NRLDC from other RLDCs. He further informed that this type of problems will be resolved once the centralized revised scheduling software comes into operation. This software has already been developed and is under testing and will come into

use shortly. However, he assured that till such time the centralized revised scheduling software comes into use, NRLDC will take steps to avoid repetition of such instances."

Participants may discuss.

AA3. Real time scheduling of CCGT Bawana through web-based scheduling (Agenda by TPDDL)

Haryana and Punjab do not update their schedule in the software regularly. This results in forced/incorrect scheduling to Delhi and subsequently to Tata Power-DDL. There have been incidents where the schedule of Punjab and Haryana was not revised even after tripping of CCGT-Bawana plant, which resulted in negative scheduling to Delhi DISCOMs. The schedule is usually corrected by Delhi SLDC energy accounting team while generating final implemented schedule (which comes after 1-2 months) in excel manually. Manual post facto correction of schedule needs to be avoided as this is affecting real time power scheduling.

Haryana, Punjab and Delhi SLDC may clarify.

AA4. Draft SOP during contingency (Agenda by TPDDL)

Delhi is facing sudden load crashes due to weather changes. It is hence important to have a SOP to tackle this issue so that both System Stability and Economical Dispatch are taken care of. TPDDL has suffered high DSM charges due to Under Drawal in such cases where permission for backing down the generation was taken from Delhi SLDC. The same was communicated to SLDC vide letter (**Annexure-3**).

Delhi SLDC is requested to prepare a SOP to tackle both System Stability and Economical Dispatch during such contingencies.

AA5. Discipline in adherence to time line as per IEGC (Agenda by TPDDL)

As per the IEGC regulations, from the time of initiation, four time blocks are given for actual implementation of any change in schedule. Generators can revise the declared capacity of their stations four time block before actual implementation in the Web Based Scheduling portal of NRLDC. The same needs to be accepted and approved by NRLDC. Once NRLDC accepts the same, this comes to Delhi SLDC. Delhi SLDC then accepts the same and uploads final drawl schedule on their web-site for DISCOMs. While going through the acceptance procedure of NRLDC and Delhi SLDC, the message reaches the DISCOMs just one time block before the actual implementation. The DISCOMs then proceed to ramp-up other generators which again take four time blocks. In the entire process, the DISCOMs suffer a penalty for around 8 time blocks which is irreversible.

Tata Power-DDL has suggested that the concerned RLDC/SLDC may take control during these 8 time blocks and schedule power under ancillary/RRAS or schedule other generators as per the Merit Order Dispatch. Once the revised information is received by the concerned beneficiary, he can the revise the requirement after 4 time block.

Participants may discuss.

AA6. Integration of SCADA system of SLDC with DISCOMS through ICCP (Agenda by TPDDL)

Integration of SLDC-SCADA system with DISCOMs was started in Mid-2014. As per the MoM held on 13th August 2014 (Annexure-4), it was decided in the meeting that the DISCOM SCADA system will be integrated with the SLDC –SCADA system through ICCP in a phased manner. In the 1st phase, active power of all exchange points from both sides will be covered. The same was successfully commissioned in January 2015 and is working successfully. TPDDL has upgraded its existing SCADA system with a new ADMS system. The further ICCP points of SLDC can be integrated with the new ADMS system to avoid duplicity of efforts from both sides. Phase 2 & 3 of ICCP integration includes the remaining ISGS generating status; CB status etc. is still awaited.

Delhi SLDC is requested to expedite the process of extension of ICCP integration to Phase-2 and 3.

AA7. Backing down of ER Plants (Agenda by BYPL):

In compliance to the strict directives from the Central Electricity Regulatory Commission, all Discoms are bound to follow the MoD scheduling in order to optimize the power purchase cost. Delhi Discoms have an allocation from DVC stations Farakka and Kahalgaon-1 & II in the Eastern Region. Delhi Discoms submit their back down request from ER stations to NRLDC through Delhi SLDC. It has been observed that ERLDC first backs down the stations on request of ER states and informs Delhi Discoms that the back down capacity has already been utilized and there is no further scope for back down. The back down should be on the request of each Discom as per their allocation. NRLDC has directed Delhi Discoms to send the back down request before 11 am for next day and real time back down shall not be entertained.

NRPC may take up the matter with ERLDC/ ERPC/ NRLDC for strict compliance of back down requests for Implementation within 6 time block period as per grid code.

AA8. System Study for Capacitor Requirement in NR for the year 2019-20

In the 38th TCC and 41st NRPC meeting, it was agreed to get the study for capacitor requirement in NR for the year 2019-20 through CPRI in two stages (i) At 220/132 kV level, ii) Down to 11/33 kV level, to figure out the exact capacitor requirement to be installed at DISCOM level to improve voltage profile and also to reduce reactive power flow on the ISTS lines.

In the 149th OCC meeting, it was decided to work separately for each state utility(s) for its peak loading time & date to figure out the capacitor requirement for the state and thereafter, the study will be carried out for the complete region so as to reduce the reactive power flow on ISTS lines (considering the capacitors which have been identified for each state).

The formats for the submission of data are available on NRPC website (<https://bit.ly/2zcIwLU>). All utilities are requested to submit the data in the excel file provided before 15.08.2018 and in case any clarification is required at the time of data collection, utilities may directly contact **Dr. Manohar Singh, CPRI (manoharsingh@cpri.in, +91-96329 40855).**

Members may take a note of the same and submit the data in the prescribed format (seo-nrpc@nic.in, manoharsingh@cpri.in) before 15th August 2018.



TATA Power-DDL/PSC/02/18

Date: 28th Feb 2018

Mr. Harjiwan Vyas,
Executive Director (SLDC),
State Load Dispatch Center,
SLDC, 33 kV Sub Station Building,
Minto Road,
New Delhi – 110002

Subject: Bill Dispute notice on account of Deviation Settlement Mechanism for WEEK-33

This has reference to the above cited subject that procedure for issuing DSM bill after concurrence from all stakeholders is not being followed by Delhi SLDC.

As decided in OCC meeting dated 27th Jan 2017, Delhi SLDC will release provisional DSM account bill to all entities. All the stakeholder will give clearance within 5 working days of issuing provisional bills. Once all the clearances were received by Delhi SLDC, Final bill will be published. If any corrections were raised by stakeholders and the same was accepted by SLDC, Delhi SLDC will update the DSM bill and circulate the revised provisional DSM account bill.

In line with above, Provisional DSM bill for WEEK-33 was released on 8th Feb 2018 by Delhi SLDC through e-mail (Copy enclosed) stating that 'Kindly find the Provisional DSM Account week 33 FY-17-18 for reconciliation, if there are any discrepancies regarding schedule/meter data or error in calculation, should be intimated within 5 days of receipt of this mail'

There was discrepancy in real time schedule and implemented schedule used for few generating station. We have reported the schedule discrepancies to energy accounting on 13th Feb 2018 vide e-mail (Copy enclosed).

Energy accounting SLDC has also acknowledged the discrepancies and ensured to revise the bill accordingly vide E-mail dated 19th Feb 2018 (Copy enclosed)

The bill revision was further delayed by Delhi SLDC even after acknowledging the facts. We have communicated for the meeting and requested for revision many times through e-mails (copy attached) however it was not fruitful. On contrary, Incorrect DSM bill for week-33 was released on 1st March 2018.

TATA POWER DELHI DISTRIBUTION LIMITED

(A Tata Power and Delhi Government Joint Venture)

Corporate Office : NDPL House Hudson Lines Kingsway Camp Delhi - 110 009

Website : www.tatapower-dtl.com CIN No. : U40109DL2001PLC111526



TATA POWER-DDL

Tata Power-DDL does not agree with issuance of DSM bill with un-resolved issues. It is violation of the process decided in DSM meeting dated 27th Jan 2017. The total bill actually is working out to be 24.76 lacs (with 2.27 lacs additional) whereas the bill raised is for 75.26 lacs (with 12.81 additional). Please refer the Table-A and Table-B in Annexure-1.

The wrongly billed amount of 50.5 lacs will not be paid as the same is due to wrong calculation done by SLDC. We are not accepting the plea that this would be corrected along the other bills of FY 17-18 and necessary credit given. As there has been cases in past that such corrections involving on DSM account are delayed. The DSM account for FY 15-16 are yet not been revised by Delhi SLDC. Still TP-DDL has been maintaining and disbursing all outstanding on time.

Such cases affect the cash flow and interest burden on TP-DDL due to incorrect DSM bills issued by SLDC and delay in correction of incorrect bills.

As stated above, The DSM account for Week-33 is disputed. Under disputed bill payment, the wrongly billed amount of 50.5 lacs will not be paid by Tata Power-DDL.

Thanking you,

Yours sincerely,

For Tata Power Delhi Distribution Limited,

P Devanand

HOD (PSC-Smart Grid)

Copy To:

Secretary,

Delhi Electricity regulatory commission,

Viniyamak Bhawan, C Block, Shivalik,

Malviya Nagar, New Delhi 110017

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TATA POWER-DDL

Enclosure:

1. E-mail from Delhi SLDC for provisional DSM bill for week-33 dated 8th Feb 2018
2. E-mail from Tata Power-DDL to Energy account Delhi SLDC highlighting discrepancies in provisional bill dated 13th Feb 2018
3. E-mail of Delhi SLDC to TP-DDL acknowledging the discrepancies dated 19th Feb 2018
4. MoM of DSM bill dated 27th Jan 2017
5. Annexure-2 – Details of discrepancies in DSM bill for Week-33
6. Annexure-1 – Revised DSM account calculation

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Annexure-1

DSM account bill for week-33

The revised calculation of DSM bill is as follow:

Table-A

Dates	Scheduled Drawal in Mus	Actual drawal in Mus	Deviation in Mus	Deviation Amount in Lakhs	ADDI Deviation Amount in Lakhs	NET Deviation in Lakhs
6-Nov-17	21.290740	21.493839	0.20310	9.11048	0.23151	9.34199
7-Nov-17	21.678243	21.844271	0.16603	8.16751	0.13188	8.29939
8-Nov-17	21.20052	21.17764	-0.02288	-0.01190	0.00000	-0.01190
9-Nov-17	21.392107	21.152817	-0.23929	-2.65828	0.69480	-1.96348
10-Nov-17	21.298659	21.324532	0.02587	0.83219	0.01437	0.84656
11-Nov-17	18.89857	18.77776	-0.12081	-1.85014	0.40929	-1.44085
12-Nov-17	18.35246	18.60444	0.25199	8.89834	0.79365	9.69200
Total	144.11129	144.37530	0.26401	22.48821	2.27550	24.76371

Tata Power-DDL account as per incorrect DSM bill released is as follow:

Table-B

Dates	Scheduled Drawal in Mus	Actual drawal in Mus	Deviation in Mus	Deviation Amount in Lakhs	ADDI Deviation Amount in Lakhs	NET Deviation in Lakhs
6-Nov-17	21.290740	21.493839	0.20310	9.11048	0.23151	9.34199
7-Nov-17	21.678243	21.844271	0.16603	8.16751	0.13188	8.29939
8-Nov-17	20.672461	21.177639	0.50518	16.30318	8.18343	24.48661
9-Nov-17	21.392107	21.152817	-0.23929	-2.65828	0.69480	-1.96348
10-Nov-17	21.298659	21.324532	0.02587	0.83219	0.01437	0.84656
11-Nov-17	18.184129	18.777761	0.59363	15.96825	1.37285	17.34110
12-Nov-17	18.131437	18.604441	0.47300	14.73009	2.18261	16.91270
Total	142.647777	144.37530 0	1.72752	62.45343	12.81145	75.26488

Annexure-2

Detail of discrepancies are as follow:

1. On 8th Nov 2018

We have scheduled power from GT_RLNG and GT_RLG from 9:45 to 14:00 Hrs. however due to error in ABT software in real time it was not updated in schedule. The issue was communicated to concerned shift Office through e-mail (copy enclosed). However the same issue was also not be addressed during provisional DSM bill generation

2. On 11th Nov 2018

We have scheduled power from CCGT_SPOT and CCGT_ROC from 13:00 to 24:00 Hrs. The same is also available in ABT real time schedule published by Delhi SLDC vide revision no 29 on 11th Nov at 21:35 Hrs. However this schedule power was not considered during provisional DSM bill generation by energy accounting group.

3. On 12th Nov 2018

We have scheduled power from CCGT_ROC from 6:45 to 24:00 Hrs. The same is also available in ABT real time schedule published by Delhi SLDC vide revision no 32 on 12th Nov at 21:50 Hrs. However this schedule power was not considered during provisional DSM bill generation by energy accounting group.

Sujata Guruji

From: Energy Account <delhienergydata@gmail.com>
Sent: Thursday, February 8, 2018 3:17 PM
To: deepakinntpc@gmail.com; eesldc.elect@ndmcmail.gov.in; ndmcsldc@gmail.com; taj.khan@relianceada.com; Amar jyoti; BAWANA; BAWANA; BAWANA; Bawana Pragati III; Bawana Surendra Kumar; Bhawna Mangla; BRPL; BRPL; BRPL Varun; BRPL Varun Jain; BTPS; BTPS DSM A/C; BTPS Harsohena Multani; BTPS Mandal; BYPL Dilip; BYPL sunil; GT; GT; GT satya prakash; IP & RPH; IP&RPH; MES; mohd shadab; NDMC; NDMC; NDMC sudeep anand; ndmc system; NDMC System Control; PPCL; PPCL; PPCL; PPCL vikas singh; Prashant Vyas; RK Yadav; Suresh Yadav; TPDDL saran; Sujata Guruji; TPDDL Sujata
Cc: Sonali Garg
Subject: Provisional DSM Bill for reconciliation FY17-18-Week-33

Hello Sir/Madam

Kindly find the Provisional DSM Account week 33 FY-17-18 for reconciliation,if there are any discrepancies regarding schedule/meter data or error in calculation, should be intimated within 5 days of receipt of this mail.

Otherwise this account will be treated as a final account and no more further communication of regarding this bill would be consider.

Thankyou & Regards

Neelam Bharti
9999 533 89

Details of Intra-State Deviation Settlement Account issued by Delhi SLDC for the period of 06.11.2017 to 12.11.2017(Week 33/17-18)

ISSUE DATE

ABSTRACT OF UTILITY-WISE Deviation CHARGES

FOR PAYM

All FIGURE

Sr No.	UTILITY	RECEIVING	PAYING	Amount for Week
1	I.P.STN	1.76855	0.00000	-1.76855
2	RPH	1.42656	0.00000	-1.42656
3	G.T.STN.	0.00000	0.85645	0.85645
A)	IPGCL	3.19511	0.85645	-2.33874
4	PRAGATI GT	0.80896	0.00000	-0.80896
5	Bawana	0.00000	21.29534	21.29534
B)	PPCL	0.80896	21.29534	20.48638
6	BTPS	0.00000	10.45708	10.45708
7	BYPL	0.00000	17.34625	17.34625
8	BRPL	26.12927	0.00000	-26.12927

Sujata Guruji

From: Sujata Guruji
Sent: Tuesday, February 13, 2018 11:02 AM
To: Energy Account
Cc: Sonali Garg
Subject: RE: Provisional DSM Bill for reconciliation FY17-18-Week-33
Attachments: data_bill_disput.xlsx; Error in GT schedule from 09:45 to 14:00 HRS; Bring GT-3 of CCGT Bawana tomorrow @08:00 hrs.; Revival of CCGT Unit 3

Dear Ma'am,

Please find the schedule discrepancies for WEEK-33.

1. On 8th Nov 2018 ,
 - From 11:30 to 13:00 Hrs. CCGT_CC and CCGT_OC were scheduled in tune of 60 MW and 34.74 MW respectively.
 - GT scheduling as per below :

Time	GT_CC	GT_OC	GT_RLG_C	GT_RLNG
10:00-10:45	33	27	0	27
10:45-12:45	50	0	0	27
12:45-13:00	50	0	35.95	0
13:00-14:00	50	0	35.95	0
16:45-18:15	104	0	35.95	0
18:15-24:00	104	0	35.95	0

2. On 11th Nov 2018
 - CCGT scheduling correction as follow

Timeslot	CCGT_CC	CCGTOCSPOT	CCGT_OC	CCGT_ROC
13:00-21:00	63	70	20	40
21:00-24:00	56	40	50	40

3. On 12th Nov 2018
 - CCGT scheduling correction as follow

Timeslot	CCGT_CC	CCGT_ROC	Total
06:15-11:00	26	130	181
11:00-11:45	26	130	187

Best Regards
Sujata Guruji
 Sr. Manager | PSC (Power Manager)
 Tel +91 9971395315
 Web www.tatapower-ddl.com

with you Non-Stop

TATA POWER DELHI DISTRIBUTION LIMITED

A Tata Power and Delhi Government Joint Venture
TPDDL Technology Centre Building | Near PP Jewellers | Netaji Subhash Place | Pitam Pura | Delhi – 110034

From: Energy Account [mailto:delhienergydata@gmail.com]
Sent: Thursday, February 8, 2018 3:17 PM
To: deepakinntpc@gmail.com; eesldc.elect@ndmcmail.gov.in; ndmcsldc@gmail.com; taj.khan@relianceada.com;

Sujata Guruji

From: Energy Account <delhienergydata@gmail.com>
Sent: Monday, February 19, 2018 12:54 PM
To: Sujata Guruji
Cc: Lalit Wasan; P Devanand; Power Manager (PSC); Sonali Garg
Subject: Re: Provisional DSM Bill for reconciliation FY17-18-Week-33

Hello ma'm.... in this case when there is some error in real time scheduling and it couldn't be possible to rectify on the spot ,
The same should be came in to the notice of Energy accounting Cell before finalisation of SEA of the month to avoid any discrepancy in the Energy Accounts

As far as discrepancy in the week 33 FY/17-18 the same would be checked & verified with the real time record to incorporate the same & revised the accounts accordingly.

Thank you.

On Mon, Feb 19, 2018 at 11:17 AM, Sujata Guruji <sujata.guruji@tatapower-ddl.com> wrote:

Dear Ma'am,

I do agree with you that ABT schedule is matching. Schedule was incorrect on these days and not updated on Delhi SLDC website hence ABT schedule itself is incorrect.

I have attached the real time mails and requirement given to SLDC for correction.

Best Regards

Sujata Guruji

Sr. Manager | PSC (Power Manager)

Tel +91 9971395315

Web www.tatapower-ddl.com

with you Non-Stop

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TPDDL Technology Centre Building | Near PP Jewellers | Netaji Subhash Place | Pitam Pura | Delhi – 110034

From: Energy Account [<mailto:delhienergydata@gmail.com>]
Sent: Thursday, February 15, 2018 11:16 AM

Sujata Guruji

From: Energy Account <delhienergydata@gmail.com>
Sent: Wednesday, February 28, 2018 3:15 PM
To: Sujata Guruji
Cc: Lalit Wasan; P Devanand; Power Manager (PSC)
Subject: Re: Provisional DSM Bill for reconciliation FY17-18-Week-33

It is requested, not to compare the final schedule with the requisition submitted during real time. As the ABT schedule calculation is based on many criteria such as requisitions of the all the discoms, minimum technical limit of Generators, availability etc. Further, the provisional implemented schedule is regularly posted on the Delhi SLDC website same maybe scrutinised for discrepancies if any, before issuance of SEA.

The duration of 5 days is provided for raising of any discrepancies in DSM and solving the same at the earliest.

It requested to raise the issues along with the supporting documents and valid reasoning so that same maybe taken care, and timely issuance of DSM accounts could be facilitated. Further, the revision of the DSM accounts for FY 15-16 is under process, and the revision for FY 16-17 would be taken up shortly after that.

Also the un-resolved issues in DSM accounts of FY 17-18 would be revised on priority basis.

On Mon, Feb 19, 2018 at 11:17 AM, Sujata Guruji <sujata.guruji@tatapower-ddl.com> wrote:

Dear Ma'am,

I do agree with you that ABT schedule is matching. Schedule was incorrect on these days and not updated on Delhi SLDC website hence ABT schedule itself is incorrect.

I have attached the real time mails and requirement given to SLDC for correction.

Best Regards

Sujata Guruji

Sr. Manager | PSC (Power Manager)

Tel +91 9971395315

Web www.tatapower-ddl.com



TATA Power-DDL/PSC/03/18

Date: 13th Mar 2018

Ms. Sonali Garg
Manager (Energy Accounting)
State Load Dispatch Center,
SLDC, 33 kV Sub Station Building,
Minto Road,
New Delhi – 110002

Subject: Bill Dispute on account of Deviation Settlement Mechanism for WEEK-37

This has reference to the above cited subject that procedure for issuing DSM bill after concurrence from all stakeholders by Delhi SLDC.

As per meeting dated 3rd Apr 2017, it was decided that "Delhi SLDC will release provisional DSM account bill to all entities. All the stakeholder will give clearance within 5 working days of issuing provisional bills. Once all the clearances were received by Delhi SLDC, Final bill will be published. If any corrections were raised by stakeholders and the same was accepted by SLDC, Delhi SLDC will update the DSM bill and circulate the revised provisional DSM account bill".

Accordingly, provisional DSM bill for WEEK-37 was released by Delhi SLDC through e-mail (Copy enclosed) stating "Kindly find the Provisional DSM Account week 37 FY-17-18 for reconciliation, if there are any discrepancies regarding schedule/meter data or error in calculation, should be intimated within 5 days of receipt of this mail".

Subsequently, we had reported the schedule discrepancies for few generating stations to energy accounting on 12th Feb 2018 vide e-mail. Details of discrepancies are also enclosed in Annexure-1.



TATA POWER-DDL

As per that mail, Tata Power-DDL does not agree with issuance of DSM bill with un-resolved issues as it is violation of the process decided in DSM meeting dated 3rd Apr 2017.

We request you to resolve the issue at the earliest.

Thanking you,

Yours sincerely,

For Tata Power Delhi Distribution Limited,

Lalit Wasan

HOG (PSC-Network operation)

Copy To:

HoG (PMG): CENNET, Tata Power Delhi Distribution Limited,

Enclosure:

1. E-mail from Delhi SLDC for provisional DSM bill for week-37.
2. E-mail from Tata Power-DDL to Energy account Delhi SLDC highlighting discrepancies in provisional bill.
3. Annxure-1 – Detail of discrepancies

TATA POWER DELHI DISTRIBUTION LIMITED

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Website : www.tatapower-ddl.com CIN No. : U40109DL2001PLC111526

Sujata Guruji

From: Energy Account <delhienergydata@gmail.com>
Sent: Thursday, March 8, 2018 2:37 PM
To: Sujata Guruji
Subject: Re: Provisional DSM Bill for reconciliation FY17-18-Week-37
Attachments: dscom simple-37.xls

week 37 file

On Wed, Mar 7, 2018 at 12:53 PM, Sujata Guruji <sujata.guruji@tatapower-ddl.com> wrote:

Please provide correct discom simple-37 file .

Best Regards

Sujata Guruji

Sr. Manager | PSC (Power Manager)

Tel +91 9971395315

Web www.tatapower-ddl.com

with you *Non-Stop*

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TPDDL Technology Centre Building | Near PP Jewellers | Netaji Subhash Place | Pitam Pura | Delhi – 110034

From: Energy Account [<mailto:delhienergydata@gmail.com>]
Sent: Thursday, February 15, 2018 12:58 PM
To: deepakinntpc@gmail.com; eesldc.elect@ndmcmil.gov.in; ndmcsldc@gmail.com; taj.khan@relianceada.com; Amar jyoti; BAWANA; BAWANA; BAWANA; Bawana Pragati III; Bawana Surendra Kumar; Bhawna Mangla; BRPL; BRPL; BRPL Varun; BRPL Varun Jain; BTPS; BTPS DSM A/C; BTPS Harsohena Multani; BTPS Mandal; BYPL Dilip; BYPL sunil; GT; GT; GT satya prakash; IP & RPH; IP&RPH; MES; mohd shadab; NDMC; NDMC; NDMC sudeep anand; ndmc system; NDMC System Control; PPCL; PPCL; PPCL; PPCL vikas singh; Prashant Vyas; RK Yadav; Suresh Yadav; TPDDL saran; Sujata Guruji; TPDDL Sujata
Cc: Sonali Garg
Subject: Provisional DSM Bill for reconciliation FY17-18-Week-37

Hello Sir/Madam

Sujata Guruji

From: Sujata Guruji
Sent: Monday, March 12, 2018 1:55 PM
To: Energy Account
Cc: Lalit Wasan; P Devanand (p.devanand@tatapower-ddl.com); Sumit Sachdev; Anoop Pandey; Ashis Kumar Dutta; Sonali Garg
Subject: RE: Provisional DSM Bill for reconciliation FY17-18-Week-37
Attachments: RE: Adjustment of Power in Aravali Jhajjar

Dear Ma'am,

Tata Power-DDL do not give clearance for WEEK-37 due to below stated reason.

On 9th Dec 2017, Delhi SLDC has not followed the agreed settlement for Aravali Jhajjar power, rather the power was scheduled to BRPL and BYPL under IDT-2 which is much lower than VC of Jhajjar.

On 9th Dec 2017, Dadri-1 and 2 were tripped and huge generation loss for BRPL. Delhi was also heavily over drawing of about 800-1000 MW.

Accounting the grid security and the request of BRPL, Available Power from Aravali Jhajjar was lifted from 19:15 HRS of 09-12-2017 in both entitlement and URS.

TPDDL received confirmation of power arrangement from DTL@22:35 hrs and then TPDDL taken action of back down of power in next revision effective from 23:30 Hrs. of 09-12-2017.

Adjustment mechanism agreed was as follow:

- Adjustment should be done as per the unit price of Aravali Jhajjar.
- Following quantum in Delhi generation which is currently scheduled to TPDDL to be adjusted from 19:15 HRS.

CCGT CC	GT CC	Pragati CC
55MW	11.5MW	54MW

- For URS booked in Aravali Jhajjar, both Fixed cost as well as Variable cost to be adjusted.

Quantum available excluding Delhi generation which is offered to BRPL as per LAST revision of NRLDC by TPDDL is as follow

Time Block	Surplus quantum (excluding Delhi Gen) i.e. Aravalli Jhajjar	Time Block	Surplus quantum (excluding Delhi Gen) i.e. Aravalli Jhajjar
19:15-19:30	47.45	21:45-22:00	166.55
19:30-19:45	0	22:00-22:15	166.55
19:45-20:00	0	22:15-22:30	166.55
20:00-20:15	0	22:30-22:45	166.55
20:15-20:30	0	22:45-23:00	266.55
20:30-20:45	24.5	23:00-23:15	273.56
20:45-21:00	0	23:15-23:30	273.56
21:00-21:15	47.32	23:30-23:45	273.56
21:15-21:30	156.55	23:45-24:00	273.56
21:30-21:45	166.55		

Best Regards
Sujata Guruji
Sr. Manager | PSC (Power Manager)

Annexure-1

Incident of 9th Dec 2017:

On 9th Dec 2017, Dadri-1 and 2 were tripped and huge generation loss for BRPL. Delhi was also heavily over drawing of about 800-1000 MW.

Accounting the grid security and the request of BRPL, Available Power from Aravali Jhajjar was lifted from 19:15 HRS of 09-12-2017 in both entitlement and URS.

TPDDL received confirmation of power arrangement from DTL@22:35 hrs and then TPDDL taken action of back down of power in next revision effective from 23:30 Hrs. of 09-12-2017.

Adjustment mechanism agreed was as follow:

- Adjustment should be done as per the unit price of Aravali Jhajjar.
- Following quantum in Delhi generation which is currently scheduled to TPDDL to be adjusted from 19:15 HRS.

CCGT CC	GT CC	Pragati CC
55MW	11.5MW	54MW

- For URS booked in Aravali Jhajjar , both Fixed cost as well as Variable cost to be adjusted. Quantum available excluding Delhi generation which is offered to BRPL as per LAST revision of NRLDC by TPDDL is as follow

Time Block	Surplus quantum (excluding Delhi Gen) i.e. Aravalli Jhajjar	Time Block	Surplus quantum (excluding Delhi Gen) i.e. Aravalli Jhajjar
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20:15-20:30	0	22:45-23:00	266.55
20:30-20:45	24.5	23:00-23:15	273.56
20:45-21:00	0	23:15-23:30	273.56
21:00-21:15	47.32	23:30-23:45	273.56
21:15-21:30	156.55	23:45-24:00	273.56
21:30-21:45	166.55		

**TATA POWER-DDL**

TATA Power-DDL/PSC/05/01

Date: 5th Jan 2018

Ms. Sonali Garg
Manager (Energy Accounting)
State Load Dispatch Center,
SLDC, 33 kV Sub Station Building,
Minto Road,
New Delhi – 110002

Subject: Bill Dispute notice on account of Deviation Settlement Mechanism

This has reference to the above cited subject w.r.t. methodology adapted for generation of DSM bills.

As per current process, Delhi SLDC releases provisional DSM account bill to all entities. All the stakeholders give their clearance within 5 working days of issuance of provisional bill. Once all the clearances are received by Delhi SLDC, Final bill is published. If any corrections are raised by stakeholders and if the same is accepted by SLDC, Delhi SLDC updates the DSM bill and circulate revised provisional DSM account bill.

We have deliberated the process & found few anomalies regarding distribution of adjustment, entitlement computation, implemented schedule used etc. Few such observations are as follows :

- When any generator generates power more than declared capacity i.e. SG is more than DC then the excess generation should be the sole part of DSM for that generator. However in current process, Delhi SLDC is distributing this excess generation within all entities.
- Distribution of excess generation is in the ratio of schedule from ABT software which is incorrect methodology. It should be in ratio of % entitlement.
- Any Discom should not be scheduled power more than his entitlement, except when asked for URS by concerned Discom.

TATA POWER DELHI DISTRIBUTION LIMITED

(A Tata Power and Delhi Government Joint Venture)

Corporate Office : NDPL House Hudson Lines Kingsway Camp Delhi - 110 009

Website : www.tatapower-ddl.com CIN No. : U40109DL2001PLC111526



Considering all the above observations, Tata Power-DDL do not give clearance for publishing provisional DSM bill further till the time these points are addressed.

We request you to call a meeting with all stakeholders to decide on methodology for DSM bill generation ASAP.

Thanking you,

Yours sincerely,

For **Tata Power Delhi Distribution Limited,**

Lalit Wasan

HoG (PSC-Network Operation)

Copy To:

Sh. D K Jain

GM (System Operation)

Power System Operation Corporation Limited

Northern Regional Load Dispatch Centre

18-A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai,

New Delhi - 110016

Enclosure: Copy of mail illustrating with example

Sujata Guruji

From: Sujata Guruji
Sent: Wednesday, January 3, 2018 11:59 AM
To: sonali.garg1@gmail.com
Cc: Lalit Wasan; P Devanand (p.devanand@tatapower-ddl.com); Energy Account; Sumit Sachdev; Ashis Kumar Dutta
Subject: Methodology of Difference Adjustment in DSM bill
Attachments: 2-Nov-2017_CCGTBWN_Scheduling.xlsx

Dear Ma'am,

During Provisional DSM bill verification , We have encountered some error in difference adjustment methodology. I have discussed the same telephonically with Mr. Pawan. There was power schedule more than our entitlement and distribution is uneven also.

Please review the same. We will have meeting once new process and revision of all old bills if desired. Please treat the same as critical.

Existing methodology :

1. Summation of scheduled from ABT software (Discom wise) is greater or less than schedule generation then difference adjustment starts .
2. If requirement is equal to schedule generation then adjustment is not required
3. First check is if the discom is at full entitlement ,
If YES then no adjustment for the discom
If No then difference is distributed as per ratio of requirement (ABT) / difference (ABT-SG).

Tata Power –DDL queries are as follow :

1. When you are checking whether discom is schedule up to entitlement , Formula applied is wrong
Example : in first block of CCGT_BWN
BRPL schedule is 56.3400 MW and entitlement comes to 56.016 MW , So no adjustment
TP-DDL schedule is 39.1500 MW and entitlement comes to 39.1536 , adjustment is 25 MW.

Conclusion : scheduling 0.0036 MW lesser invites adjustment of 25.14 MW

2. Even after adjustment of any power (except URS) , SLDC should not schedule more than entitlement
3. Difference adjust is done in ratio of requirement/difference . We are somewhat not agree with difference distribution method.

Difference distribution should be as per % share of each discom up to entitlement

I have attached the file for 2-Nov-2017 for CCGT bawana.

Best Regards

Sujata Guruji

Sr. Manager | PSC (Power Manager)

Tel +91 9971395315

Web www.tatapower-ddl.com

with you *Non-Stop*

TATA POWER DELHI DISTRIBUTION LIMITED

A Tata Power and Delhi Government Joint Venture

TPDDL Technology Centre Building | Near PP Jewellers | Netaji Subhash Place | Pitam Pura | Delhi – 110034


TATA POWER-DDL

TPDDL/PSC/0417/

 Dated: 27th Apr 2017

To
 DGM (SO),
 Delhi SLDC, 33 kV Sub Station Building,
 Minto Road,
 New Delhi - 110002

Subject: Back down of generating station by SLDC

Dear Sir,

On 25th Apr 2017, there was a dust storm in Delhi around 22:00 Hrs. experiencing huge load crashed. The demand reduced drastically hence all the discoms were heavily under drawing.

TP-DDL had taken step ahead to limit the under drawl up to 38 MW as per DSM regulation. We requested to back down power from Aravalli and CLP Jhajjar generating station.

However SLDC on its own also backed down Rihand-1, 2, 3, SASAN and Singrauli Plants without TPDDL's Consent. Subsequently Delhi and TP-DDL schedule was reduced by 533 MW and 166 MW respectively.

The same resulted in over drawl of around 150 MW by TP-DDL, due to condition explained above, Ref Annexure, resulting ADSM penalty.

Delhi was also heavily over drawing after back down of five generating plants by SLDC.

Detailed Power scenario of Delhi and TP-DDL before and after generation back down is also attached in Annexure.

It should be noted that Variable cost of Sasan, Singrauli and Rihand is lower than other running plants, which is also merit order violation.

It is requested that kindly avoid any such forced backing down or scheduling of power as it affects us in maintaining our schedule according to DSM regulation.

Please take necessary action during DSM bill generation so as ADSM penalty due to above action should not be accounted in TP-DDL account as plants were back down by SLDC without TP-DDL consents.

The same may be applied to non-complying utilities only

Thanking you,

Yours sincerely,

For Tata Power Delhi Distribution Limited,

P. Devanand
HOD (PSC & Smart Grid)

Enclosure: - Power scenario before and after generation back down

TATA POWER DELHI DISTRIBUTION LIMITED

(A Tata Power and Delhi Government Joint Venture)

Corporate Office : NDPL House Hudson Lines Kingsway Camp Delhi - 110 009



TATA POWER-DDL

Enclosure:-

** Over Drawl is indicated with Positive sign and under drawl by negative sign

Power scenario is explained in O/D or U/D quantum. The data was captured from Delhi-SLDC website.

Power scenario before backing down any generation

Time Block	Frequency	Delhi (MW)	TP-DDL (MW)
21:00-21:15	49.89	-1	-102
21:15-21:30	49.9	-181	-136

Power scenario after backing down Aravali Jhajjar by TP-DDL at 21:30 Hrs.

Time Block	Frequency	Delhi (MW)	TP-DDL (MW)
21:30-21:45	49.98	-305	-71
21:45-22:00	50.08	-336	-55

Power scenario after forced back down of 5 plants by SLDC at 22:15 Hrs.

Time Block	Frequency	Delhi (MW)	TP-DDL (MW)
22:15-22:30	49.87	62	93
22:30-22:45	49.81	503	189
22:45-23:00	49.83	508	167
23:00-23:15	49.88	530	192
23:15-23:30	49.86	412	146

Power scenario if none of generation was backed down by SLDC.

Time Block	Frequency	Delhi (MW)	TP-DDL (MW)
22:15-22:30	49.87	-116	55
22:30-22:45	49.81	-53	23
22:45-23:00	49.83	-69	1
23:00-23:15	49.88	-4	26
23:15-23:30	49.86	11	44



TATA POWER-DDL

TPDDL/PSC/0418/

Dated: 27th APR 2018

To
 Sh. Pradeep Katiyar,
 Dy. GM (SLDC)
 SLDC, 33 kV Sub Station Building
 Minto Road,
 New Delhi - 110002

Subject: Integration of SCADA system of SLDC with DISCOMS

Ref: F.DTL/207/Opr-SLDC/2014-15/Mgr (SLDC)/S W/F -1/51 MoM of meeting held on 13th Aug 2014.

We write referring to above subject regarding integration of TP-DDL-ADMS system with SLDC.

Referring to MoM of meeting held on 13th Aug 2014(Copy Enclosed), Integration of SLDC-SCADA system with Discom was started in mid-2014. It was decided in the meeting that Discom SCADA system will be integrated with SLDC –SCADA system in phased manner. In 1st phase, Active Power of all exchange points from both side will be covered. Phase-1 of ICCP integration with SLDC-SCADA system is successfully commissioned in Jan-2015. The same system is also working successfully.

We have upgraded our existing SCADA system with new ADMS system. We can integrate the further ICCP points of SLDC with our new ADMS system to avoid the duplicity of efforts from both the side.

We are looking forward to start Phase-2 & 3 of ICCP integration, which basically includes remaining analogs and digital like CB status etc.

We request you to facilitate hard copies of 220KV/400KV DTL grid substation with current NOC (Normal Operating Condition) so we can start to design the same in our ADMS system.

Please expedite on extension of ICCP integration to Phase-2 and 3. We request you to call a meeting for the same with all stakeholders.

Thanking you,

Yours sincerely,

P. Devanand
HOD (PSC & Smart Grid)
Tata Power Delhi Distribution Limited,

Enclosure: MoM of meeting held on 13th Aug 2014

TATA POWER DELHI DISTRIBUTION LIMITED

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दिल्ली ट्रांसको लिमिटेड
(दिल्ली सरकार का उपक्रम)
DELHI TRANSCO LIMITED
(A Govt of NCT of Delhi Undertaking)

Ref No F.DTL/207/Opr-SLDC/2014-15/Mgr(SCADA) SW/F-1 3 / 5]

Dt: 20/08/2014

Distribution Licensees (BRPL, BYPL, TPDDL, NDMC)

DGM (SLDC), DTL

DGM(SO), DTL

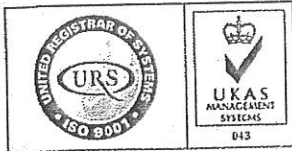
Manager (Communication), DTL

Sub: MOM held on 13/08/2014 for Integration of SCADA system of SLDC with Discoms.

Department of Power, GNCTD vide order no. F.11(13)/2005/ Power/Pt.III/1809 Dt:15/07/2009, constituted a committee to work out the modalities to integrate SCADA systems of SLDC with Discoms. As per the recommendations of the committee, the Integration of SCADA systems of SLDC & Discoms was to be carried out through ICCP (Inter Control Center Protocol). In the mean time, as per NRPC deliberations, upgradation process of SLDC SCADA system under ULDC scheme (Phase-II) started. Therefore, the integration work with Discom SCADA systems was included in the scope of ULDC Scheme (Phase-II). Now, commissioning of new SCADA system at SLDC is in final stages.

Accordingly, to fasten the pace of data integration with Discoms, a meeting was held at SLDC Conference Hall at 15:00Hrs 13/08/2014. Following issues were discussed and decided during the meeting:

- I. SLDC informed that due to limitations of new SCADA system at SLDC, the maximum limits of data exchange on every interface is 10000 Analog and 20000 Digital points only. Thus SLDC & Discoms needs to take due care in finalizing the data requirements from other systems.
- II. On every Drawl point, SLDC will require Active power (MW), Reactive power (MVAR), Voltage (kV), Current (amp) with their quality tag from Discom SCADA system. In addition to this SLDC will also require CB status of some drawl points from Discoms SCADA system. SLDC will also facilitate similar information subject to availability, to Discoms on the points, they ask SLDC for integration.
- III. Discoms SCADA Systems will be integrated with SLDC SCADA system in phased manner with following modalities:
 - a) In 1st Phase, SLDC will provide all the SCADA data from its system, as specifically required by each Discom for their Drawl calculation. In addition to this, SLDC will also extend Generation details of all generating stations of NR in which DISCOMs have a share. Data requirements of any Discom from other Discom will be integrated through ICCP interface of SLDC only. Thus, Discoms will specifically inform SLDC for any such requirement.



कार्यालय: (प्रबंधक (स्काडा), एस एल डी सी, मिन्टो रोड, नई दिल्ली - 110002)

Office: (Manager (SCADA) SW, SLDC, 33 kV Sub-Station Bldg, Minto Rd, New Delhi-02)

Ph: 23216823 Fax: 23221069 फोन: २३२१६८२३, फैक्स: २३२२१०६९ Email: ak.gahlaut@dtl.gov.in

पंजीकृत कार्यालय: शक्ति सदन, कोटला मार्ग, नई दिल्ली - 110002

Regd office : Shakti Sadan, Kotla Road, New Delhi - 110 002

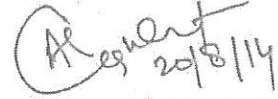
Visit us at www.dtl.gov.in, www.delhisldc.org

- b) Discoms will facilitate exchange of Data of all their Drawl points from DTL/ other Distribution Licensees to SLDC SCADA system.
- c) Accordingly, Discoms will submit the data point requirements (for 1st phase) to SLDC latest by 31st August 2014.
- d) This phase is proposed to be completed by October 2014. SCADA vendor of SLDC i.e. SIEMENS is ready to start SCADA system integration process through ICCP. Discoms will coordinate with their SCADA vendor for arranging the meeting with SLDC SCADA vendor asap.
- e) In line with GNCTD directions, remaining data points will be finalized after the completion of 1st Phase. These data points will be taken up for integration in 2nd phase. It is proposed to complete 2nd phase of data integration by January 2015.

IV. SLDC intimated that for 1st phase of Data integration, dedicated and redundant communication network of min. 2Mbps will be required. During 2nd phase, bandwidth requirement may go up to 4Mbps. As per the standard practice of SCADA system integration, SCADA data will not be transmitted over communication network owned by any 3rd party. Accordingly, communication modalities finalized are as under:

- a) BYPL officials informed that they have already established 512kbps LAN connectivity between their control Center (Shankar Road) and SLDC. BYPL will take up with their management for increasing the bandwidth of the existing communication link.
- b) BRPL officials informed that they will also use the existing BYPL link for data transmission. In addition to this, BRPL will also lay OFC from one of its Sub-station to 220kV Ridge Valley Sub-station of DTL for alternate communication path. This link will also work as stand by path for BYPL. BRPL & BYPL requested DTL to route BRPL/BYPL data from Ridge Valley to SLDC on its existing network. DTL agreed for the same.
- c) NDMC officials informed that they will arrange 4Mbps connectivity between SLDC and their Control Center (via Rajabagh-CP-Nirman Bhawan). Communication Division (DTL) informed that by laying approx. 100 mtr OFC from 220kV S/Stn HCML to nearest NDMC S/stn, alternate communication path can also be established for NDMC. Therefore, DTL officials sought the permission from NDMC to lay the OFC cable from its S/stn to NDMC s/stn. DTL also requested NDMC for configuring a 2Mbps point-to-point connectivity from Minto Road to HCML through NDMC OFC network. By extension of OFC link at HCML S/stn, SLDC will also be connected DTL OFC ring through two redundant paths i.e. IP Power-Minto Road and Minto Road-CP-Nirman Bhawan-HCML-Maharani Bagh. In this manner, both NDMC and SLDC can have redundant communication path for their control centers. NDMC agreed to takeup the matter with their vendor i.e. PGCIL.
- d) TPDDL informed that at present they don't have any direct communication path from their Control Center to SLDC, and it will not be possible to lay the OFC from their control Center to Minto Road. Therefore, they requested DTL to route their Data from 220kV S/stn Gopalpur and Kanjhawala to SLDC on DTL communication network. DTL agreed to extend the cooperation to TPDDL. In return, DTL requested TPDDL to facilitate data transfer (limited to 2Mbps point to point) from its four nos. S/stns (Rohini, Rohini-2, Shalimar Bagh and Subzi Mandi) through TPDDL communication network on temporary basis. All these four Sub-stations are

presently connected through RF, which is not reliable during bad weather conditions. Non-availability of data from these S/sns affect Discoms drawl from SLDC. Though DTL has already planned to connect these s/sns through OFC, still the process will take at least a year. Accordingly, TPDDL officials agreed to take up the matter with their Management for sharing TPDDL OFC network diagram. In the interest of Delhi Power System, TPDDL will explore the possibility to meet DTL requirements and facilitate the same, wherever possible.

 20/8/14

(अनुज कुमार गहलौत) / (A K Gahlaut)

प्रबंधक (स्काडा) सॉफ्टवेयर / Manager (SCADA) SW

Copy for kind information to:

1. GM(SLDC)
2. GM(O&M)-I, DTL
3. DGM(Metering & Protection)-I
4. Manager (HW)
5. AM(T) SW I & II