

# STATE LOAD DESPATCH CENTRE (DELHI)

Office of Manager (Energy Accounting)

SLDC Building, Minto Road, New Delhi-110002

Ph: 23211207, Fax: 23221012, 23221059, website – www.delhisldc.org

No. F./DTL/207/21-22/ GMSLDC/367

Dated : 24.09.2021

**Subject : Minutes of the Meeting held in SLDC dated 08.07.21 regarding implementation of DERC order dated 13.04.2021 w.r.t. Timarpur Okhla Waste Management Plant**

Dear Sir,

Minutes of the Meeting held in SLDC dated 08.07.21 regarding implementation of DERC order dated 13.04.2021 w.r.t. Timarpur Okhla Waste Management Plant is enclosed for ready reference and further necessary action please.

Thanking you,

Yours faithfully

Encl. as above

*Sonali Garg*  
24.09.2021

(Sonali Garg)

**Manager(Energy Accounting)**

List of addresses

- 1 Head-Operation, TOWMCL, Old NDMC, Mathura Road, New Delhi-110025
- 2 Addl. Vice President, System Operation, BRPL, Balaji Estate, Kalkaji, New Delhi

Copy for kind information:

- 1 Secretary, DERC
- 2 General Manager, SLDC
- 3 DGM(Energy Accounting),SLDC
- 4 DGM (System Operation),SLDC

## **Minutes of Meeting dt. 08.07.2021**

**Subject: Issues with implementation of the DERC order dt. 13.04.2021 w.r.t. TOWMCL.**

DERC vide order dt. 13.04.2021 in the matter of M/s TOWMCL has directed that as per EPA between BRPL and TOWMCL, maximum annual generation would be capped at 60MUs for BRPL. Due to capping of Maximum 60MUs yearly to BRPL, the issues related to approval of Open access to M/s TOWMCL are discussed and detailed as under:-

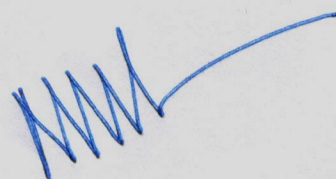
**i) Determining the date from which TOWMCL would be allowed to sale from 50% of Power allocated to BRPL after supply of 60Mus through Open Access.**

As per EPA, minimum 50% of generation on daily basis shall be supplied to BRPL by TOWMCL, subject to cap of 60 MUs yearly. The rest of the 50% power of TOWMCL generation can be utilized by TOWMCL for sale to third party through Open access.

As per DERC order dt. 21.01.2019, the actual generation of WTE plants shall be treated as their scheduled generation. Accordingly, the settlement of schedule from WTE plants to its beneficiaries is carried out on monthly basis as the actual generation data received from metering department on monthly basis. Accordingly it is essential to determine the mechanism through which sale of power to BRPL be tracked for providing approval to TOWMCL for sale of excess power through Open Access.

**TOWMCL Submission:** As per DERC order dated 13.04.2021, TOWMCL to supply 60 MUs in a year to BRPL. However, from details for Apr till Jul'21 (tentative) TOWMCL has already supplied 27 MUs and remaining 33 MUs shall be supplied till March'22 at appx. 4.12 MUs per month. From April'22 onwards 5 MUs per month shall be allocated to BRPL.

Month	MUs	Remarks
Apr-21	5.19	-
May-21	7.65	-
Jun-21	7.44	As per invoice 1





Jul-21	6.80	Estimated
Total	27.08	

**BRPL Submission:** TOWMCL should first supply 60 MUs to BRPL and after supply of 60 MUs to BRPL, the sale in Intra State Open Access shall be allowed as per DERC order.

**Decision:** After detailed discussion it was decided in this matter that after completion of 50 MUs actual energy supplied to BRPL (which can be verified by the actual meter reading available with TOWMCL), TOWMCL shall apply for sale of power in open access. After issuance of 5A by concerned Discom, 5B would be issued by SLDC on the condition that power transaction will take place only after supply of 60 MUs to BRPL.

**ii) Potential breach in the capping of 60MUs due settlement of excess generation to BRPL.**

As per DERC order dt. 06.03.2020, the excess energy generated by waste to energy plant from its scheduled generation after considering the energy drawn from the grid (i.e. negative energy) shall be settled in the energy account of distribution licensee where the waste to energy plant is located. Due to implementation of the above order, the yearly sale of power to BRPL may vary considerably either above or below 60 MUs.

**TOWMCL Submission:** TOWMCL submitted following options on this issue:

- i) Provided as above by means of 4.12 MUs per month scheduling for BRPL, 60 MUs will be supplied by Mar'22 and for any deviation in 60 MUs TOWMCL & BRPL will settle the accounts with the PPA clause 2 as applicable.
- ii) The surplus units can be banked with BRPL in accordance with clause 2.5 of the PPA and will be settled during exigencies of the plant as been done in past.

**BRPL Submission:** Any deviation beyond 60 Mus should be adjust @ minimum of Avg. DSM rate or PPA rate as per clause 2 of PPA for that period by TOWMCL with BRPL.

**Conclusion:** In this matter, SLDC clarified that due to DERC orders dt. 06.03.2020 for excess energy settlement, energy cap of 60 MUs may

considerably vary on either side. It is decided that the rate of this excess energy would be settled bilaterally by TOWMCL and BRPL in consultation with DERC.

**iii. Applicability of DSM for sale of power through open access at Inter-state level.**

As per DERC order dt. 21.01.2019, the actual generation of WTE plants shall be treated as their scheduled generation. Accordingly, the schedule of beneficiaries of WTE plants (situated within Delhi) is revised as per actual generation of WTE plants.

However, in case the power is sold outside Delhi/Exchange, the schedule of beneficiaries (situated outside Delhi/Exchange) cannot be revised as per actual generation. As such, the relaxations in DSM is not applicable, and TOWMCL will be subjected to DSM charges for sale of power outside Delhi/via Exchange.

**TOWMCL Submission:** DSM charges shall be applied as per regulation DSM applicable on WTE plants.

**BRPL Submission:** No Comment

**SLDC Comments:** SLDC submitted that DSM would be applicable on WTE plants as per decision taken in the meeting held on 29.01.2019. i.e. No DSM Charges for intra State sale as the schedule of beneficiaries shall be replaced with actual, However for Inter-state consumers/Exchange sale, the DSM will be applicable.

**iv. Approval for open access to be provided while considering existing generation capacity of 16MW.**

TOWMCL vide letter dt 23.06.2021, has requested to provide the approval for sale of additional 42.12MUs (yearly) in Open Access citing the DERC orders dt 13.04.2021 & 22.06.2021. The additional power of 42.12MUs is calculated by TOWMCL after deducting obligations under EPA to BRPL and TPDDL from yearly generation, and considering 23MW as generation capacity of TOWMCL with 15% auxiliary and 90% PLF.

DERC vide order dt 22.06.2021, directed TOWMCL to demonstrate the maximum continuous rating (MCR) of the installed capacity (for revised





generation capacity of 23MW) through a successful trial run and submit the certificate to concerned agencies as per provisions of Regulation 2(26) of DERC (Terms and Conditions for determination of tariff) Regulation, 2017. Further, vide para 16 of the above order, DERC clarified that there is no requirement of specifying Normative Auxiliary Consumption for the station by the Commission.

#### **TOWMCL Submission:**

TOWMCL performance has remained as follows in past two financial years, as per Delhi SLDC Intra-State ABT based Energy Account, (Details of Energy Injected by TOWMCL as per SEM in MUs), well acknowledged by both beneficiaries (BRPL & TPDDL) –

<b>MONTH FIN' YEAR</b>	<b>Total Injection by TOWMCL</b>	<b>MONTH FIN' YEAR</b>	<b>Total Injection by TOWMCL</b>
Apr-2019	12.430 MUs	Apr-2020	12.123 MUs
May-2019	12.743 MUs	May-2020	12.133 MUs
Jun-2019	12.275 MUs	Jun-2020	12.084 MUs
Jul-2019	12.501 MUs	Jul-2020	12.659 MUs
Aug-2019	12.123 MUs	Aug-2020	12.539 MUs
Sep-2019	12.052 MUs	Sep-2020	11.828 MUs
Oct-2019	13.429 MUs	Oct-2020	12.924 MUs
Nov-2019	12.380 MUs	Nov-2020	11.982 MUs
Dec-2019	11.828 MUs	Dec-2020	11.855 MUs
Jan-2020	11.977 MUs	Jan-2021	10.737 MUs
Feb-2020	10.382 MUs	Feb-2021	11.521 MUs
Mar-2020	9.413 MUs	Mar-2021	10.442 MUs
<b>FY' 2019- 20</b>	<b>143.532 MUs</b>	<b>FY' 2020-21</b>	<b>142.826 MUs</b>



TOWMCL had also demonstrated the maximum continuous rating (MCR) recently and communicated to SLDC regarding successful trial run for 72 hours in the meeting held on 08.07.2021 and vide e mail dated 13.07.2021 for the MOM submission of aforementioned meeting held on 08.07.2021, summary of the demonstration run being replicated herewith (Grid Injection data taken from same ABT meters, as above in Intra-state Energy Account) –

		25-Jun-21	26-Jun-21	27-Jun-21	TOTAL	AVERAGE
POWER GENERATION		515 MWh	523 MWh	511 MWh	1549 MWh	21.5 MW
GRID INJECTION	PLANT END	438 MWh	446 MWh	434 MWh	1318 MWh	18.3 MW
	GRID END	436 MWh	444 MWh	432 MWh	1312 MWh	18.2 MW
TRANSMISSION LOSSES		2 MWh	2 MWh	2 MWh	6 MWh	0.1 MW
	TX LOSS %					0.47%
AUXILIARY CONSUMPTION		77 MWh	77 MWh	77 MWh	231 MWh	3.2 MW
	UAPC %					14.9%

Considering the above facts, performance reports and demonstrations, and as per Hon'ble DERC Order dated 22.06.2021 in Petition No. 27 of 2017, for approval of Open Access quantum for power sale to third parties of balance quantity at the rate of 90% PLF, the Generation Capacity and Open Access capability of TOWMCL should be considered as follows:

Generati on as per revised Declared Capacity	Auxiliary Consumpti on	Exportab le Units	Entitleme nt of BRPL	Entitleme nt of TPDDL	Revised Balance d Open Access
181.3 MUs	15%	154.13 MUs	60 MUs	51.01 MUs	42.12 MUs

TOWMCL has already requested SLDC to provide approval for 42.12 MUs vide letter dated 23.06.2021 and approval awaited.

#### **BRPL Submission:** No Comment

SLDC informed that until the revised generation capacity at MCR is demonstrated by M/s TOWMCL, the Open Access shall be granted for existing generation capacity i.e. 16MW .