

PPCA for Q2 of FY 2021-22---NDMC (Bills from July to September 2021 Excluding Bills of Dadri Thermal and GTPS & Transmission Charges thereon)

Particulars	on the basis of Tariff Order for FY 2021-22
Actual Long term Purchase in MU	152.99
Total Purchase (Actual) in MU	472.78
Long term Power purchase as per DERC in MU	197.25
Energy Sale (Bulk)- Actual	48.12
Actual Power Purchase Cost (Rs in crore) of Long term power net of rebate	142.06
Bulk Sale out of long term purchase of power in MU	15.57
Power Power cost allowed by DERC net of rebate	139.48
Actual Power Purchase Cost Per unit	9.29
Allowed Power purchase cost by DERC	7.07
Difference in Power purchase cost per unit	2.21
Approved Transmission Charges by DERC	23.13
Actual Transmission Charges	7.59
Interstate Power power Purchase in MU- Actual	0.00
Intrastate Power purchase in MU- Actual	152.99
Interstate Transmission Losses	2.00%
Intra State Transmission Losses	0.92%
Approved Distribution Losses	8.75%
Energy Sale as per DERC in MU	1217.76
Revenue as per revised Tariff as per DERC (Rs in crore)	1147.64
Average Sale Rate per unit	9.42
Net Sale after Transmission Losses and Bulk sale (in Mus)	136.01
PPCA1	14.89
PPCA2	116.96
PPAC %	12.73%

PPCA for Q2 of FY 2021-22---NDMC (Bills from July to September 2021 Excluding Bills of Dadri Thermal and GTPS & Transmission Charges thereon)

Legends	Description	Sub-Details	Details
A	Total Units procured from Power Stations having long term PPAs (as per bill) - in Mus		152.99
B	Proportionate Bulk Sale of Power from Power Stations having long term PPAs- in Mus		15.57
C	1. Actual Power purchase cost (PPC) from Power Stations having Long term PPAs (Rs per unit)	9.29	
	2. Projected Power purchase cost (PPC) from Power Stations having Long term PPAs (Rs per unit)	7.07	
	Net Increase/(decrease) in power purchase cost (Rs per unit) (C1-C2)		2.21
D	Actual Transmission Charges paid (as per bills)		7.59
E	Approved Transmission Charges per quarter (Table----)		23.13
Z	Actual Power Purchase from CSGS	0.00	
	Actual Power Purchase from Delhi Gencos	152.99	
	Inter state Transmission Losses	2.00%	
	Intra state Transmission Losses	0.92%	
	((Actual Power Purchase from central Generating Stations having long term PPAs*(1-Inter state Transmission Losses in %)+ Power Purchased from Delhi Gencos*(1-Intra state Transmission Losses in %))-B		136.01
Distribution Losses	Distribution Losses in % (Table---)		8.75%
ABR	1. Revenue at Revised Tariff (Rs in crore) (Table----)	1147.64	
	2. Approved Energy Sales (in Mus) (Table----)	1217.76	
	ABR (ABR1/ABR2)*10 (Rs per unit)		9.42
PPCA %	1. $(A-B)/10 * C + (D-E)$	14.89	
	2. $((Z * (1 - \text{Distribution Losses in \%})) * \text{ABR}) / 100$	116.96	
	PPCA % = PPCA1/PPCA2		12.73%

**Energy Purchased and Amount Paid to Generators July 2021 to
Sept 2021**

	Name of Station	Total Cost -Net of Rebate excluding Dadri & GTPS	Avg. rate (Rs/Unit)
BTPS	0	0	0
NCTPS(DADRI)			
PPS-I	126306667	1,11,11,57,876	8.79
PPS-III	24883764	29,70,00,129	11.93
DMSWSL	1801833	1,24,14,237	6.89
TOTAL	152992264	1,42,05,72,242	9.29

Energy Sale (Bulk) as per SLDC Statement

Month	Quantum in MUs
Jul-21	-17.887321
Aug-21	-13.558368
Sep-21	-16.677175
Total	-48.122864

Energy Purchase (Bulk) as per SLDC Statement

Month	Quantum in MUs
Jul-21	168.906987
Aug-21	158.417104
Sep-21	145.460553
Total	472.784644

Energy Charges July 2021 to Sept 2021

S.No	Station Name	Month		Units Billed	Variable Cost	Fixed Cost	Rebate	Total Cost
1	NTPC-Dadri	Jul-21						
		Aug-21						
		Sep-21						
2	PPS - I	Jul-21	CC	53617875	425565074	33064875	9172599	449457350
			OC	420905	4758332		95167	4663165
		Aug-21	CC	40989387	342179402	33064875	7504886	367739391
			OC	413472	4916598		98332	4818266
		Sep-21	CC	30850005	257042238	33064875	5802142	284304971
			OC	15023	1,78,299		3566	174733
3	PPS - III	Jul-21	CC	5214512	9281832	79682688	1334468	87630052
			OC					
		Aug-21	CC	10683483	32167968	79682688	1677760	110172896
			OC	14364	63445		952	62493
		Sep-21	CC	8967319	20947658	79682688	1509455	99120891
			OC	4086	14007		210	13797
4	DMSWSL	Jul-21		598679	4208713		84174	4124539
		Aug-21		621439	4368716		87374	4281342
		Sep-21		581815	4090159		81803	4008356
Total				152992264	1109782441	338242689	2,74,52,888	1420572242

SLDC Data (July 21 to Sept 21)

S.No.	Generator	Month	Energy in MU
1	Pragati-I	Jul-21	54.038780
		Aug-21	41.402859
		Sep-21	30.865028
2	Pragati-III	Jul-21	5.214512
		Aug-21	10.695483
		Sep-21	8.971405
3	GT	Jul-21	-0.021261
		Aug-21	-0.019614
		Sep-21	-0.018000
4	DMSWSL	Jul-21	0.598679
		Aug-21	0.621439
		Sep-21	0.581815
5	Short Term Sale	Jul-21	-17.887321
		Aug-21	-13.558368
		Sep-21	-16.677175
6	Short Term Purchase	Jul-21	109.055016
		Aug-21	105.697323
		Sep-21	105.042305

Long Term Power in Mus	152.990000
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Energy Purchase (Bulk) as per SLDC Statement

Month	Energy in MU Excluding GTPS (A)	Energy GTPS in MU (B)
Jul-21	168.906987	-0.021261
Aug-21	158.417104	-0.019614
Sep-21	145.460553	-0.018000
Total	472.784644	-0.058875

Energy Sale (Bulk) as per SLDC Statement

Month	Energy in MU
Jul-21	-17.887321
Aug-21	-13.558368
Sep-21	-16.677175
Total	-48.122864

Data required for July'21 to September'21

NTPC-BTPS

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Per Unit Cost (Total Cost/Units Billed)	Rebate Deducted	Amount Paid	Remarks
July'21	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	BTPS plant is permanently closed on 15.10.2018
August'21	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
September'21	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
Total	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	

NTPC-DADRI

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost Claimed in the Bill (Rs.)	Other Charges Claimed in the bill (Rs.)	Total Cost Claimed in the Bill (Rs.)	Per Unit Cost (Total Cost/Units Billed)	Rebate Deducted	Amount Paid	Remarks
July'21	0	0	6,90,67,285	35,65,829	7,26,33,114				Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on 30.11.2020
August'21	16	50	6,90,67,285	18,87,531	7,09,54,866				
September'21	1488	4,744	6,90,67,285	57,82,460	7,48,54,489				
Total	1,504	4,794	20,72,01,855	1,12,35,820	21,84,42,469				

PPS-I

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Per Unit Cost (Total Cost/Units Billed)	Rebate Deducted	Amount Paid	Remarks
July'21	54038780	43,03,23,406	3,30,64,875	0	46,33,88,281	8.58	92,67,766	45,41,20,515	NIL
August'21	41402859	34,70,95,000	3,30,64,875	0	38,01,60,875	9.18	76,03,218	37,25,57,657	NIL
September'21	30865028	25,72,20,537	3,30,64,875	0	29,02,85,412	9.40	58,05,708	28,44,79,704	NIL
Total	126306667	1,03,46,39,943	9,91,94,625	0	1,13,38,34,568	8.98	2,26,76,692	1,11,11,57,876	NIL

PPS-III

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Per Unit Cost (Total Cost/Units Billed)	Rebate Deducted	Amount Paid	Remarks
July'21	5214512	92,81,832	7,96,82,688	0	8,89,64,520	17.06	13,34,468	8,76,30,052	NIL
August'21	10697847	3,22,31,413	7,96,82,688	0	11,19,14,101	10.46	16,78,712	11,02,35,389	NIL
September'21	8971405	2,09,61,665	7,96,82,688	0	10,06,44,353	11.22	15,09,665	9,91,34,688	NIL
Total	24883764	6,24,74,910	23,90,48,064	0	30,15,22,974	12.12	45,22,845	29,70,00,129	NIL

DMSWSL

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Per Unit Cost (Total Cost/Units Billed)	Rebate Deducted	Amount Paid	Remarks
July'21	598579	42,08,713	0	0	42,08,713	7.03	84,174	41,24,539	NIL
August'21	621439	43,68,716	0	0	43,68,716	7.03	87,374	42,81,342	NIL
September'21	581815	40,90,159	0	0	40,90,159	7.03	81,803	40,08,356	NIL
Total	1801833	1,26,67,588	0	0	1,26,67,588	7.03	2,53,351	1,24,14,237	NIL

GTPS

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Per Unit Cost (Total Cost/Units Billed)	Rebate Deducted	Amount Paid	Remarks
July'21									Bill not raised by GTPS
August'21									
September'21									
Total									

Note: GTPS power is allocated w.e.f. 01.04.2021 without NDMC consent. GTPS bill is withheld

Transmission Charges

Utility	Month Wise	Transmission Charges Claimed in the bill (in Rs.)	Transmission Charges verified (in Rs.)	Rebate	Total Cost	Remarks
		A	B	C	D = B - C	
PGCIL POC	July'21	3,78,41,236				Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on 30.11.2020
	August'21	3,63,00,200				
	September'21	3,73,44,433				
	Total (P)	11,14,85,869				
PGCIL-Non POC	July'21	13,994				Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on 30.11.2020
	August'21	14,022				
	September'21	14,022				
	Total (Q)	42,038				
DTL-NRLDC Charges	July'21	51,455				Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on 30.11.2020
	August'21	50,608				
	September'21	50,584				
	Total (R)	1,52,647				
DTL-Reactive Energy Charges	July'21	8,26,073		NIL	8,26,073	Bill is not verified by SLDC Division
	August'21	6,71,585		NIL	6,71,585	
	September'21	7,04,599		NIL	7,04,599	
	Total (X)	22,02,257		NIL	22,02,257	
DTL-SLDC Charges	July'21	3,25,282	2,07,894	NIL	2,07,894	Bill verified by not considering allocation of GTPS and Dadri-I
	August'21	3,25,282	2,07,894	NIL	2,07,894	
	September'21	3,25,282	2,13,391	NIL	2,13,391	
	Total (Y)	9,75,846	6,29,179	NIL	6,29,179	
DTL-Wheeling Charges	July'21	3,90,88,446	2,50,28,818	2,50,288	2,47,78,530	Bill verified by not considering allocation of GTPS and Dadri-I
	August'21	3,90,96,490	2,50,36,863	2,50,369	2,47,86,494	
	September'21	3,72,14,183	2,37,89,047	2,37,890	2,35,51,157	
	Total (Z)	11,53,99,119	7,38,54,728	7,38,547	7,31,16,181	
(X)+(Y)+(Z)					7,59,47,617	

Hence Total Transmission Charges verified in Rs. = 7,59,47,617/-

Transmission Charges- Withheld Amount of Dadri-I and GTPS

Utility	Month Wise	Transmission Charges Claimed in the bill (in Rs.)	Transmission Charges verified(in Rs.)	Rebate (in Rs.)	Total Cost (in Rs.)	Withheld amount of NTPC Dadri-I (in Rs.)	Withheld amount of GTPS (in Rs.)
		A	B	C	D = B - C	S	T
PGCIL POC	July'21	3,78,41,236				3,78,41,236	NIL
	August'21	3,63,00,200				3,63,00,200	NIL
	September'21	3,73,44,433				3,73,44,433	NIL
	Total (P)	11,14,85,869				11,14,85,869	NIL
PGCIL-Non POC	July'21	13,994				13,994	NIL
	August'21	14,022				14,022	NIL
	September'21	14,022				14,022	NIL
	Total (Q)	42,038				42,038	NIL
DTL-NRLDC Charges	July'21	51,455				51,455	NIL
	August'21	50,608				50,608	NIL
	September'21	50,584				50,584	NIL
	Total (R)	1,52,647				1,52,647	NIL
L-Reactive Energy Char	July'21	8,26,073	8,26,073	NIL	8,26,073	NIL	NIL
	August'21	6,71,585	6,71,585	NIL	6,71,585	NIL	NIL
	September'21	7,04,599	7,04,599	NIL	7,04,599	NIL	NIL
	Total (X)	22,02,257	22,02,257	NIL	22,02,257	NIL	NIL
DTL-SLDC Charges	July'21	3,25,282	2,07,894	NIL	2,07,894	1,12,644	4,744
	August'21	3,25,282	2,07,894	NIL	2,07,894	1,12,644	4,744
	September'21	3,25,282	2,13,391	NIL	2,13,391	1,07,147	4,744
	Total (Y)	9,75,846	6,29,179	NIL	6,29,179	3,32,435	14,232
DTL-Wheeling Charges	July'21	3,90,88,446	2,50,28,818	2,50,288	2,47,78,530	1,34,89,763	5,69,865
	August'21	3,90,96,490	2,50,36,863	2,50,369	2,47,86,494	1,34,89,762	5,69,865
	September'21	3,72,14,183	2,37,89,047	2,37,890	2,35,51,157	1,28,82,271	5,42,865
	Total (Z)	11,53,99,119	7,38,54,728	7,38,547	7,31,16,181	3,98,61,796	16,82,595
Total Withheld amount of Transmission charges of NTPC Dadri-I Power in Rs.						15,18,74,785	
Total Withheld amount of Transmission charges of GTPS Power in Rs.							16,96,827