

PPCA for Q3 of FY 2021-22---NDMC (Bills from October 2021 to December 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	160.92
Total Purchase (Actual) in MU	317.52
Long term Power purchase as per DERC in MU	197.25
Energy Sale (Bulk)- Actual	47.53
Actual Power Purchase Cost (Rs in crore) of Long term power net of rebate	167.55
Bulk Sale out of long term purchase of power in MU	24.09
Power Power cost allowed by DERC net of rebate	139.48
Actual Power Purchase Cost Per unit	10.41
Allowed Power purchase cost by DERC	7.07
Difference in Power purchase cost per unit	3.34
Approved Transmission Charges by DERC	23.13
Actual Transmission Charges	8.86
Interstate Power power Purchase in MU- Actual	0.00
Intrastate Power purchase in MU- Actual	160.92
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)	135.35
PPCA1	31.44
PPCA2	116.40
PPAC %	27.01%

PPCA for Q3 of FY 2021-22---NDMC (Bills from October to December 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		160.92
B	Proportionate Bulk Sale of Power from Power Stations having long term PPAs- in Mus		24.09
C	1. Actual Power purchase cost (PPC) from Power Stations having Long term PPAs (Rs per unit)	10.41	
	2. Projected Power purchase cost (PPC) from Power Stations having Long term PPAs (Rs per unit)	7.07	
	Net Increase/(decrease) in power power purchase cost (Rs per unit) (C1-C2)		3.34
D	Actual Transmission Charges paid (as per bills)		8.86
E	Approved Transmission Charges per quarter (Table----)		23.13
Z	Actual Power Purchase from CSGS	0.00	
	Actual Power Purchase from Delhi Gencos	160.92	
	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		135.35
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)	31.44	
	2. (((Z*(1-Distribution Losses in %))*ABR)/100	116.40	
	PPCA %= PPCA1/PPCA2		27.01%

Energy Purchased and Amount Paid to Generators Oct. 2021 to Dec. 2021

	Name of Station	Total Cost -Net of Rebate excluding Dadri & GTPS	Avg. rate (Rs/Unit)
BTPS	0	0	0
PPS-I	102723279	1,11,17,32,765	10.82
PPS-III	56452763	55,17,10,679	9.77
DMSWSL	1745116	1,20,22,801	6.89
TOTAL	160921158	1,67,54,66,245	10.41

Energy Sale (Bulk) as per SLDC Statement

Month	Quantum in MUs
Oct.21	-25.895745
Nov.21	-13.606100
Dec.21	-8.026068
Total	-47.527913

Energy Purchase (Bulk) as per SLDC Statement

Month	Quantum in MUs
Oct.21	130.885232
Nov.21	94.073705
Dec.21	95.517662
Total	320.476599

GT=0.535646

GT=0.869206

GT=1.549471

Total=2.954323-

320.476599

Total=317.522276

Energy Charges October 2021 to December 2021

Energy Charges October 2021 to December 2021									
No	Station Name	Month		Units Billed	Variable Cost	Fixed Cost	Other charges	Rebate	Total Cost
1	NTPC-Dadri	Oct.21							
		Nov.21							
		Dec.21							
2	PPS - I	Oct-21	CC	33596683	367379734	38594625	33178500	8783057	430369802
			OC	227017	3535783			70716	3465067
		Nov.21	CC	33277984	290916137	38594625		6590215	322920547
			OC	0	0				
		Dec.21	CC	35416486	320979615	38594625		7191485	352382755
			OC	205109	26,47,545			52951	2594594
3	PPS - III	Oct.21	CC	21557913	147714821	105879736		3803919	249790638
			OC	24720	248485			3727	244758
		Nov.21	CC	17024008	49659033	105879736		2333081	153205688
			OC	23184	99203			1488	97715
		Dec-21	CC	17809265	44701256	105879736		2258715	148322277
			OC	13673	50358			755	49603
4	DMSWSL	Oct.21		577879	4062489			81250	3981239
		Nov.21		611330	4297650			85953	4211697
		Dec-21		555907	3908026			78161	3829865
Total				160921158	1240200135	433423083	33178500	3,13,35,473	1675466245

Data required for October 2021 to December 2021 -PPAC-Q3

A) Long Term Purchase

NTPC-BTPS

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Rebate Deducted (Rs.)	Total Amount Paid (Rs.)	Amount Withheld (Rs.)	Reason for Withheld
October'21	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	BTPS plant is permanently closed on 15.10.2018
November'21	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
December'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 (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Rebate Deducted (Rs.)	Total Amount Paid (Rs.)	Amount Withheld (Rs.)	Reason for Withheld
October'21	0	0	5,74,67,881	70,09,896	6,44,77,777			6,44,77,777	Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on 30.11.2020
November'21	0	0	8,06,66,688	0	8,06,66,688			8,06,66,688	
December'21	0	0	6,90,67,285	38,41,953	7,29,09,238			7,29,09,238	
Total									

PPS-I

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Rebate Deducted (Rs.)	Total Amount Paid (Rs.)	Amount Withheld (Rs.)	Reason for Withheld
October'21	33823700	37,09,15,517	3,85,94,625	3,31,78,500	44,26,88,642	88,53,773	43,38,34,869	NIL	NIL
November'21	33277984	29,09,16,137	3,85,94,625	0	32,95,10,762	65,90,215	32,29,20,547	NIL	NIL
December'21	35621595	32,36,27,160	3,85,94,625	0	36,22,21,785	72,44,436	35,49,77,349	NIL	NIL
Total	102723279	98,54,58,814	11,57,83,875	3,31,78,500	1,13,44,21,189	2,26,88,424	1,11,17,32,765	NIL	NIL

PPS-III

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Rebate Deducted (Rs.)	Total Amount Paid (Rs.)	Amount Withheld (Rs.)	Reason for Withheld
October'21	21582633	14,79,63,306	10,58,79,736	0	25,38,43,042	38,07,646	25,00,35,396	NIL	NIL
November'21	17047192	4,97,58,236	10,58,79,736	0	15,56,37,972	23,34,570	15,33,03,402	NIL	NIL
December'21	17822938	4,47,51,614	10,58,79,736	0	15,06,31,350	22,59,470	14,83,71,880	NIL	NIL
Total	56452763	24,24,73,156	31,76,39,208	0	56,01,12,364	84,01,686	55,17,10,678	NIL	NIL

DMSWSL

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Rebate Deducted (Rs.)	Total Amount Paid (Rs.)	Amount Withheld (Rs.)	Reason for Withheld
October'21	577879	40,62,489	0	0	40,62,489	81,250	39,81,239	NIL	NIL
November'21	611330	42,97,650	0	0	42,97,650	85,953	42,11,697	NIL	NIL
December'21	555907	39,08,026	0	0	39,08,026	78,161	38,29,865	NIL	NIL
Total	1745116	1,22,68,165	0	0	1,22,68,165	2,45,364	1,20,22,801	NIL	NIL

GTPS

Month	Units Billed (Kwh)	Variable Cost (Rs.)	Fixed Cost (Rs.)	Other Charges (Rs.)	Total Cost (Rs.)	Rebate Deducted (Rs.)	Total Amount Paid (Rs.)	Amount Withheld (Rs.)	Reason for Withheld
October'21	0.535646	55,81,974	56,97,628	0	1,12,79,602			1,12,79,602	PPA has not signed with GTPS till date. NDMC has not scheduled any power from GTPS.
November'21	0.869206	92,55,838	-19,42,443	0	73,13,395			73,13,395	
December'21	1.549471	1,73,39,756	-6,59,191	0	1,66,80,565			1,66,80,565	
Total	2.954323	3,21,77,568	30,95,994	0	3,52,73,562			3,52,73,562	

B) Transmission Charges

Utility	Month Wise	Transmission Charges Claimed in the bill	Transmission Charges verified(in Rs.)	Rebate Deducted (in Rs.)	Total Amount Paid (in Rs.)	Amount Withheld (Rs.)	Reason for Withheld
PGCIL POC	October'21	3,55,46,407				3,55,46,407	Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on
	November'21	2,78,72,869				2,78,72,869	
	December'21	3,09,44,701				3,09,44,701	
	Total	9,43,63,977				9,43,63,977	
PGCIL-Non POC	October'21	14,022				14,022	Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on
	November'21	13,449				13,449	
	December'21	13,233				13,233	
	Total	40,704				40,704	
DTL-NRLDC Charges	October'21	50,149				50,149	Payment Hold Due to expiry of PPA of NTPC Dadri-I plant on
	November'21	50,115				50,115	
	December'21	49,960				49,960	
	Total	1,50,224				1,50,224	
TL-Reactive Energy Charge	October'21	7,37,506					Reactive Energy Bills are not verified by SLDC Division
	November'21	14,18,947					
	December'21	11,19,751					
	Total	32,76,204					
DTL-SLDC Charges	October'21	3,46,139	2,31,010	NIL	2,31,010	1,15,129	Bill verified by not considering allocation of GTPS and NTPC Dadri-I
	November'21	3,42,223	2,30,633	NIL	2,30,633	1,11,590	
	December'21	3,39,663	2,28,751	NIL	2,28,751	1,10,912	
	Total	10,28,025	6,90,394	NIL	6,90,394	3,37,631	
DTL-Wheeling Charges	October'21	4,33,51,873	2,89,57,659	2,89,577	2,86,68,082	1,43,94,214	Bill verified by not considering allocation of GTPS and NTPC Dadri-I
	November'21	4,14,14,685	2,79,03,334	2,79,033	2,76,24,301	1,35,11,351	
	December'21	4,24,77,502	2,86,00,390	2,86,004	2,83,14,386	1,38,77,112	
	Total	12,72,44,060	8,54,61,383	8,54,614	8,46,06,769	4,17,82,677	

DETAILS OF WITHHELD AMOUNTS FOR PPAC Q-3 (OCTOBER 2021 TO DEC 2021)**a) NTPC Dadri :-**

Month	Amount	Remarks
Oct'2021	64477777	Payment Hold due to expiry of PPAC of NTPC Dadri-I plant on 30.11.2020.
Nov'2021	80666688	-do-
Dec'2021	72909238	-do-
Total	218053703	

b) GTPS

Month	Amount	Remarks
Oct'2021	11279602	PPA has not signed with GTPS till date. NDMC has not scheduled any power from GTPS.
Nov'2021	7313395	-do-
Dec'2021	16680565	-do-
Total	35273562	

c) TRANSMISSION CHARGES=October 2021 To December 2021):-

<u>Utility</u>	<u>Oct- Dec 21</u>	<u>Remarks</u>
PGCIL –POC	9,43,63,977	Payment Hold due to expiry of PPA of NTPC Dadri-1 Plant
PGCIL-Non POC	40,704	-do-
DTL-NRLDC Charges	1,50,224	-do-
DTL-SLDC	3,37,631	Bill verified by not considering allocation of GTPS and NTPC Dadri-1
DTL Wheeling Charges	4,17,82,677	Bill verified by not considering allocation of GTPS and NTPC Dadri-1.
Total	13,66,75,213	

C) Short Term Purchase

Source Wise Details Of NDMC

S.No.	Source	Oct-21		Nov-21		Dec-21	
		Energy in Mus	Amount in Rs.	Energy in Mus	Amount in Rs.	Energy in Mus	Amount in Rs.
1	Purchase(TEESTA-III HEP)	49.4952	195621476.00	37.10	146719953.00	27.293	108029414.00
2	Bilateral Purchase-(KPCPL)	5.294	24670040.00	0.00	0.00	0.00	0.00
3	IEX Purchase	5.147545	42075525.27	5.271	18930397.97	7.778265	30903756.04
4	IEX Purchase (RTM)	4.1614075	32037785.64	1.41389	5814964.06	3.057	12067659.39
5	IEX Purchase (TAM)	0.0	0.0	0.00	0.00	0.00	0.00
6	IEX Purchase (GTAM)-Solar	3.4283125	15777553.49	0.00	0.00	3.3095775	14506429.93
Total		67.526465	31,01,82,380	43.784890	17,14,65,315	41.4378425	16,55,07,259

Energy Purchase (Bulk) as per SLDC Statement

Month	Quantum in Mus	Remarks	GTPS Power in
	A		
Oct-21	130.349586	GTPS Power is not included in Column A	0.535646
Nov-21	93.204499		0.869206
Dec-21	93.968191		1.549471
Total	317.522276		2.954323

D) Energy Sale (Bulk) as per SLDC Statement

Month	Quantum in Mus
Oct-21	25.895745
Nov-21	13.606100
Dec-21	8.026068
Total	47.527913

E) Energy Purchase and Sale under DSM

Month	Purchase			Sale		
	MU	Rate in Rs/units	Amount in Rs.	MU	Rate in Rs/units	Amount in Rs.
Oct-21	1.863158	1.52	28,25,990	0	0	0
Nov-21	0	0	0	8.648820	2.57	2,22,05,205
Dec-21	0.246726	5.28	13,03,151	0	0	0
Total	2.109884	1.96	41,29,141	8.648820	2.57	2,22,05,205

F) Total Purchase (October 2021 to December 2021)

Source	MU	Amount	Remarks
Long Terms	160.921158	1,70,68,01,718	Rebate Amount is not considered.NTPC
Short Terms	152.7491975	64,71,54,955	Rebate Amount is not considered.
DSM	2.109884	41,29,141	NIL
Total	315.780240	2,35,80,85,814	