



JOINT ELECTRICITY REGULATORY COMMISSION
(For the State of Goa and Union Territories)
3rd& 4th Floor, Plot No. 55- 56,
Udyog Vihar Phase IV, Sector 18, Gurugram, Haryana 122015
 Email: secy.jercuts@gov.in, Website: www.jercuts.gov.in

Dated: 13. 06. 2022

Corrigendum to the Tariff Order dated 31.03.2022 in respect of
DNH Power Distribution Corporation Limited
(Petition No. 68/2021)

Consequent to the receipt of reference from DNHPDCL vide its letter dated April 08, 2022, the following corrections are made to the Tariff Order dated 31st March, 2022 in Case No. 68 of 2021 for the DNH Power Distribution Corporation Limited:

- Table 4 on the Cumulative Revenue Gap/ (Surplus) approved by Commission at existing tariffs (INR Crore) at page 14 read as follows:

Table 4: Cumulative Revenue Gap/ (Surplus) approved by Commission at existing tariffs (INR Crore)

S. No.	Particulars	Formula	FY 2020-21	FY 2021-22	FY 2022-23
a	Opening Gap/ (Surplus)		146.43	(33.17)	64.22
b	Add: Gap/ (Surplus)		(184.76)	96.19	50.10
c	Closing Gap/ (Surplus)	$c=a+b$	(38.33)	63.02	114.32
d	Average Gap/ (Surplus)	$d=(a+c)/2$	54.05	14.93	89.27
e	Rate of Interest		9.55%	8.00%	8.00%
f	Carrying/Holding cost	$f=d*e$	5.16	1.19	7.14
g	Closing Gap/ (Surplus)	$g=f+c$	(33.17)	64.22	121.46

This should be read as:

Table 4: Cumulative Revenue Gap/ (Surplus) approved by Commission at existing tariffs (INR Crore)

S. No.	Particulars	Formula	FY 2020-21	FY 2021-22	FY 2022-23
a	Opening Gap/ (Surplus)		149.85	(29.88)	67.77
b	Add: Gap/ (Surplus)		(184.76)	96.19	50.10
c	Closing Gap/ (Surplus)	$c=a+b$	(34.91)	66.31	117.87
d	Average Gap/ (Surplus)	$d=(a+c)/2$	57.47	18.22	92.82
e	Rate of Interest		8.75%	8.00%	8.00%
f	Carrying/Holding cost	$f=d*e$	5.03	1.46	7.43
g	Closing Gap/	$g=f+c$	(29.88)	67.77	125.29

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S. No.	Particulars	Formula	FY 2020-21	FY 2021-22	FY 2022-23
	(Surplus)				

2. The para below 5 (e) on the average increase in the retail tariff now approved by the Commission at page 14 read as follows:

The average increase in the retail tariff now approved by the Commission vis-à-vis tariff approved for FY 2021-22 vide Order dated 23rd March, 2021 is 3.49% to meet the cumulative revenue gap. The Commission after tariff increase approves a cumulative revenue surplus of INR 1.86 Cr till FY 2022-23 which will be considered at the time of truing up.

This should be read as:

The average increase in the retail tariff now approved by the Commission vis-à-vis tariff approved for FY 2021-22 vide Order dated 23rd March, 2021 is 3.49% to meet the cumulative revenue gap. The Commission after tariff increase approves a cumulative revenue gap of INR 1.98 Cr till FY 2022-23 which will be considered at the time of truing up.

3. Table 5 on the Consolidated Revenue Gap/ (Surplus) at approved retail tariff for FY 2022-23 (INR Crore) at page 15 read as follows:

Table 5: Cumulative Revenue Gap/ (Surplus) at approved Retail Tariff for FY 2022-23 (INR Crore)

Sr. No.	Particulars	Value
1	Total Revenue Gap till FY 2022-23 at existing tariff	121.46
2	Additional Revenue	123.31
3	Balance Gap/(Surplus)	(1.86)

This should be read as:

Table 5: Cumulative Revenue Gap/ (Surplus) at approved Retail Tariff for FY 2022-23 (INR Crore)

Sr. No.	Particulars	Value
1	Total Revenue Gap till FY 2022-23 at existing tariff	125.29
2	Additional Revenue	123.31
3	Balance Gap/(Surplus)	1.98

4. Table 18 on the Summary of Renewable Purchase Obligation (RPO) for FY 2020-21 (MU) at page 37 read as follows:

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Table 18: Summary of Renewable Purchase Obligation (RPO) for FY 2020-21 (MU)

Sr. No.	Particulars	Formulae	FY2018-19	FY2019-20	FY2020-21
A	Solar Target		3.60%	4.70%	6.10%
B	Non Solar Target		5.40%	6.80%	8.00%
C	Total Target	C=A+B	9.00%	11.50%	14.10%
D	Sales Within UT		6,072.42	6,288.00	5297.50
	RPO Target				
E	Solar	E=D*A	218.61	295.54	323.15
F	Non Solar	F=D*B	327.91	427.58	423.80
G	Total RPO Target	G=E+F	546.52	723.12	746.95
	RPO Compliance (Actual Purchase)				
H	Solar		5.76	6.18	54.85
I	Non Solar		0.00	0.00	26.28
J	Total RPO Compliance (Actual Purchase)	J=H+I	5.76	6.18	81.13
	RPO Compliance (REC Certificate Purchase)				
K	Solar		338.68	109.60	0.00
L	Non Solar		10.00	711.69	0.00
M	Total RPO Compliance (REC Certificate)	M=K+L	348.68	821.29	0.00
	RPO Compliance (REC+ Actual)				
N	Solar	N=H+K	344.44	115.78	54.85
O	Non Solar	O=I+L	10.00	711.69	26.28
P	Total RPO Compliance	P=N+O	354.44	827.47	81.13
	Cumulative Requirement till current year				
Q	Solar		554.64	850.18	850.18
R	Non Solar		1,304.24	1731.83	1731.83
S	Total	S=Q+R	1,858.89	2582.01	2582.01
	Cumulative Compliance till current year				
T	Solar		470.69	586.47	641.32
U	Non Solar		608.52	1320.21	1346.49
V	Total	V=T+U	1,079.21	1906.68	1987.81
	Net Shortfall in RPO Compliance till current year				
V	Solar	V=Q-T	83.96	263.71	532.01

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Sr. No.	Particulars	Formulae	FY2018-19	FY2019-20	FY2020-21
W	Non Solar	$W=R-U$	695.72	411.62	809.14
X	Total	$X=V+W$	779.68	675.33	1341.15

This should be read as:

Table 18: Summary of Renewable Purchase Obligation (RPO) for FY 2020-21 (MU)

Sr. No.	Particulars	Formulae	FY2018-19	FY2019-20	FY2020-21
A	Solar Target		3.60%	4.70%	6.10%
B	Non Solar Target		5.40%	6.80%	8.00%
C	Total Target	$C=A+B$	9.00%	11.50%	14.10%
D	Sales Within UT		6,072.42	6,288.00	5297.50
	RPO Target				
E	Solar	$E=D*A$	218.61	295.54	323.15
F	Non Solar	$F=D*B$	327.91	427.58	423.80
G	Total RPO Target	$G=E+F$	546.52	723.12	746.95
	RPO Compliance (Actual Purchase)				
H	Solar		5.76	8.13	54.85
I	Non Solar		0.00	0.00	26.28
J	Total RPO Compliance (Actual Purchase)	$J=H+I$	5.76	8.13	81.13
	RPO Compliance (REC Certificate Purchase)				
K	Solar		338.68	109.60	0.00
L	Non Solar		10.00	711.69	0.00
M	Total RPO Compliance (REC Certificate)	$M=K+L$	348.68	821.29	0.00
	RPO Compliance (REC+ Actual)				
N	Solar	$N=H+K$	344.44	117.73	54.85
O	Non Solar	$O=I+L$	10.00	711.69	26.28
P	Total RPO Compliance	$P=N+O$	354.44	829.42	81.13
	Cumulative Requirement till current year				
Q	Solar		554.64	850.18	1173.33
R	Non Solar		1,304.24	1731.83	2155.63
S	Total	$S=Q+R$	1,858.89	2582.01	3328.95
	Cumulative Compliance till current year				

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Sr. No.	Particulars	Formulae	FY2018-19	FY2019-20	FY2020-21
T	Solar		470.69	588.42	643.27
U	Non Solar		608.52	1320.21	1346.49
V	Total	V=T+U	1,079.21	1908.63	1989.76
Net Shortfall in RPO Compliance till current year					
V	Solar	V=Q-T	83.96	261.76	530.06
W	Non Solar	W=R-U	695.72	411.62	809.14
X	Total	X=V+W	779.68	673.38	1339.20

5. Table 38 on Incentive due to over-achievement of Distribution Loss target for FY 2020-21 (INR Crore) at page 55 read as follows:

Table 38: Incentive due to over-achievement of Distribution Loss target for FY 2020-21 (INR Crore)

S. No	Particulars	Approved in APR	Trued-up by Commission
1	Retail Sales (MU)	5297.00	5297.50
2	T&D Loss (%)	4.20%	3.62%
3	Power at State/UT Periphery (MU)	5529.75	5496.47
4	Gain/ (Loss) (MU)		33.28
5	Average Power Purchase Cost (INR/kWh)		4.45
6	Gain/ (Loss) (INR Crore)		15.59
7	Sharing of Gain / (Loss) with Petitioner (INR Crore)		7.40

This should be read as:

Table 38: Incentive due to over-achievement of Distribution Loss target for FY 2020-21 (INR Crore)

S. No	Particulars	Approved in APR	Trued-up by Commission
1	Retail Sales (MU)	5297.00	5297.50
2	T&D Loss (%)	4.20%	3.62%
3	Power at State/UT Periphery (MU)	5529.75	5496.47
4	Gain/ (Loss) (MU)		33.28
5	Average Power Purchase Cost (INR/kWh)		4.45
6	Gain/ (Loss) (INR Crore)		14.80
7	Sharing of Gain / (Loss) with Petitioner (INR Crore)		7.40

6. Table 48 on the Revenue Gap/ (Surplus) for FY 2020-21 (INR Crore) at page 62 read as follows:

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Table 48: Revenue Gap/ (Surplus) for FY 2020-21 (INR Crore)

S. No	Particulars	Approved in APR Order	Petitioner's Submission	Trued-up by Commission
1	Net Revenue Requirement	2,752.30	2,769.87	2,717.90
2	Revenue from Retail Sales at Existing Tariff	2,945.17	2,902.66	2,902.66
3	Revenue Gap/ (Surplus)	(192.88)	(132.79)	(184.76)
4	Previous Years' Gap/ (Surplus)	146.43	149.85	146.43
5	Holding Cost	4.37	7.30	5.16
6	Net Standalone Gap / (Surplus)	(42.08)	24.36	(33.17)

The Commission, in the true-up of FY 2020-21 approves a surplus of INR 33.17 Crore. This surplus has been carried over in the subsequent years and has been dealt with while determining the tariff for FY 2022-23.

This should be read as:

Table 48: Revenue Gap/ (Surplus) for FY 2020-21 (INR Crore)

S. No	Particulars	Approved in APR Order	Petitioner's Submission	Trued-up by Commission
1	Net Revenue Requirement	2,752.30	2,769.87	2,717.90
2	Revenue from Retail Sales at Existing Tariff	2,945.17	2,902.66	2,902.66
3	Revenue Gap/ (Surplus)	(192.88)	(132.79)	(184.76)
4	Previous Years' Gap/ (Surplus)	146.43	149.85	149.85
5	Holding Cost	4.37	7.30	5.03
6	Net Standalone Gap / (Surplus)	(42.08)	24.36	(29.88)

The Commission, in the true-up of FY 2020-21 approves a surplus of INR 29.88 Crore. This surplus has been carried over in the subsequent years and has been dealt with while determining the tariff for FY 2022-23.

7. Table 57 on the Summary of Renewable Purchase Obligation (RPO) computed by the Commission for FY 2021-22 (MU) at page 75 read as follows:

Table 57: Summary of Renewable Purchase Obligation (RPO) computed by the Commission for FY 2021-22 (MU)

Sr. No.	Particulars	Formulae	Value
A	Solar Target		8.00%
B	Non-Solar Target		9.00%
C	Total RPO Target	C=A+B	17.00%
D	Sales Within UT		6660.36
E	RPO Obligation for the year	E=F+G	1132.26
F	Solar	F=D*A	532.83

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Sr. No.	Particulars	Formulae	Value
G	Non-Solar	$G=D*B$	599.43
H	Physical RE Purchase (till December 2021)	$H=I+J$	5.91
I	Solar		5.91
J	Non-Solar		0.00
K	REC Purchase (till December 2021)	$K=L+M$	200.00
L	Solar		0.00
M	Non-Solar		200.00
N	Total RPO Compliance for FY 2021-22 (REC+ Physical RE)	$N=O+P$	205.91
O	Solar	$O=I+L$	5.91
P	Non-Solar	$P=J+M$	200.00
Q	Standalone shortfall for FY 2021-22		926.35
R	- Solar	$R=F-O$	526.92
S	- Non-Solar	$S=G-P$	399.43
T	Backlog upto FY 2020-21	$T=U+V$	1,366.05
U	- Solar		545.30
V	- Non-Solar		820.75
W	Total Shortfall in RPO Compliance upto FY 2020-22	$W=X+Y$	2,292.40
X	Solar	$X=R+U$	1,072.22
Y	Non-Solar	$Y=S+V$	1,220.18

This should be read as:

Table 57: Summary of Renewable Purchase Obligation (RPO) computed by the Commission for FY 2021-22 (MU)

Sr. No.	Particulars	Formulae	Value
A	Solar Target		8.00%
B	Non-Solar Target		9.00%
C	Total RPO Target	$C=A+B$	17.00%
D	Sales Within UT		6660.36
E	RPO Obligation for the year	$E=F+G$	1132.26
F	Solar	$F=D*A$	532.83
G	Non-Solar	$G=D*B$	599.43
H	Physical RE Purchase (till December 2021)	$H=I+J$	5.91

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Sr. No.	Particulars	Formulae	Value
I	Solar		5.91
J	Non-Solar		0.00
K	REC Purchase (till December 2021)	K=L+M	200.00
L	Solar		0.00
M	Non-Solar		200.00
N	Total RPO Compliance for FY 2021-22 (REC+ Physical RE)	N=O+P	205.91
O	Solar	O=I+L	5.91
P	Non-Solar	P=J+M	200.00
Q	Standalone shortfall for FY 2021-22		926.35
R	- Solar	R=F-O	526.92
S	- Non-Solar	S=G-P	399.43
T	Backlog upto FY 2020-21	T=U+V	1,339.20
U	- Solar		530.06
V	- Non-Solar		809.14
W	Total Shortfall in RPO Compliance upto FY 2021-22	W=X+Y	2,265.55
X	Solar	X=R+U	1,056.98
Y	Non-Solar	Y=S+V	1,208.57

8. Table 144 on the Consolidated Revenue Gap/ (Surplus) determined by Commission at existing tariff (INR Crore) at page 139 read as follows:

Table 144: Consolidated Revenue Gap/ (Surplus) determined by the Commission at existing tariff (INR Crore)

Particulars	FY 2020-21	FY 2021-22	FY 2022-23
Opening Gap/(Surplus)	146.43	(33.17)	64.22
Addition Gap/(Surplus) due to standalone year	(184.76)	96.19	50.10
Closing Gap/(Surplus)	(38.33)	63.02	114.32
Average Gap/(Surplus)	54.05	14.93	89.27
Rate of Interest	9.55%	8.00%	8.00%
Carrying cost	5.16	1.19	7.14
Closing Gap/ (Surplus)	(33.17)	64.22	121.46

The Commission determines a cumulative revenue gap of INR 121.46 Cr till FY 2022-23 at existing tariff.

This should be read as:

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Table 144: Cumulative Revenue Gap/ (Surplus) determined by the Commission at existing tariff (INR Crore)

Particulars	FY 2020-21	FY 2021-22	FY 2022-23
Opening Gap/ (Surplus)	149.85	(29.88)	67.77
Add: Gap/ (Surplus)	(184.76)	96.19	50.10
Closing Gap/ (Surplus)	(34.91)	66.31	117.87
Average Gap/ (Surplus)	57.47	18.22	92.82
Rate of Interest	8.75%	8.00%	8.00%
Carrying/Holding cost	5.03	1.46	7.43
Closing Gap/ (Surplus)	(29.88)	67.77	125.29

The Commission determines a cumulative revenue gap of INR 125.29 Cr till FY 2022-23 at existing tariff.

9. The para below 6.4. on the Treatment of the cumulative Gap/Surplus and Tariff Design at page 139 read as follows:

As derived from above, the resultant cumulative revenue gap at the end of FY 2022-23 is INR 121.46 Crore. In view of the substantial gap, the Commission has decided to change the existing tariff schedule and the revised schedule will be applicable for FY 2022-23.

This should be read as:

As derived from above, the resultant cumulative revenue gap at the end of FY 2022-23 is INR 125.29 Crore. In view of the substantial gap, the Commission has decided to change the existing tariff schedule and the revised schedule will be applicable for FY 2022-23.

10. The para below 2(b) on the Tariff Adoptability Approach at page 144 read as follows:

“As discussed earlier, the cumulative revenue gap for FY 2022-23 at existing tariffs works out to be INR 121.46 Cr. To meet this cumulative revenue gap, the Commission has decided to increase the tariff by way of increasing the fixed charges and energy charges of all consumers categories. Commission has tried to limit the tariff increase in each category in order to safeguard the interests of consumers by avoiding abnormal increase in tariffs...”

This should be read as:

“As discussed earlier, the cumulative revenue gap for FY 2022-23 at existing tariffs works out to be INR 125.29 Cr. To meet this cumulative revenue gap, the Commission has decided to increase the tariff by way of increasing the fixed charges and energy charges of all consumers categories. Commission has tried to limit the tariff increase in each category in order to safeguard the interests of consumers by avoiding abnormal increase in tariffs...”

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11. Table 150 on the Consolidated Revenue Gap/ (Surplus) at approved retail tariff for FY 2022-23 (INR Crore) at page 147 read as follows:

Table 150: Cumulative Revenue Gap/ (Surplus) at approved Retail Tariff for FY 2022-23 (INR Crore)

Sr. No.	Particulars	Value
1	Total Revenue Gap till FY 2022-23 at existing tariff	121.46
2	Additional Revenue	123.31
3	Balance Gap/(Surplus)	(1.86)

The Commission approves a cumulative revenue surplus of INR 1.86 Cr till FY 2022-23 which will be considered at the time of truing up.

This should be read as:

Table 150: Cumulative Revenue Gap/ (Surplus) at approved Retail Tariff for FY 2022-23 (INR Crore)

Sr. No.	Particulars	Value
1	Total Revenue Gap till FY 2022-23 at existing tariff	125.29
2	Additional Revenue	123.31
3	Balance Gap/(Surplus)	1.98

The Commission approves a cumulative revenue gap of INR 1.98 Cr till FY 2022-23 which will be considered at the time of truing up.

12. Table 166 on R_{approved} determined by the Commission for FY 2022-23 at page 159 read as follows:

Table 166: R_{approved} determined by Commission for FY 2022-23

S. No.	Particulars	Value
1	Total Power Purchase Cost (INR Crore), P_{app}	3,448.38
2	Transmission Charges (INR Crore), T_{app}	522.23
3	Power Purchase Quantum from CGS Stations at Generator Ex-bus (NTPC, NSPCL, NPCIL, EMCO) (MU), PPO_{app}	6,812.38
4	Approved Weighted Average Inter-State Transmission Loss (%), TL_{app}	3.66%
5	Power Purchase Quantum from sources within State/ Open Market, PPI_{app}	590.67
6	Quantum of Sale of Surplus Power (MU), PSO_{app}	-
7	Approved Intra-State T&D Loss (%), DL_{app}	3.20%
8	Energy Sales for LIG and Agriculture consumer category (MU), Z_{app} (MU)	12.63
9	R_{app} (INR/kWh)	5.74

This should be read as:

Table 166: R_{approved} determined by Commission for FY 2022-23

S. No.	Particulars	Value
1	Total Power Purchase Cost (INR Crore), P_{app}	2,926.15
2	Transmission Charges (INR Crore), T_{app}	522.23
3	Power Purchase Quantum from CGS Stations at Generator Ex-bus (NTPC, NSPCL, NPCIL) (MU), PPO_{app}	6,812.38
4	Approved Weighted Average Inter-State Transmission Loss (%), TL_{app}	3.66%
5	Power Purchase Quantum from sources within State/ Open Market, PPI_{app}	590.67
6	Quantum of Sale of Surplus Power (MU), PSO_{app}	-

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7	Approved Intra-State T&D Loss (%), DL_{app}	3.20%
8	Energy Sales for LIG and Agriculture consumer category (MU), Z_{app} (MU)	12.63
9	R_{app} (INR/kWh)	4.99

In view of above, the aforementioned changes made are consequent to the receipt of reference from DNHPDCL vide its letter dated April 08, 2022 and can be summarized as follows:

1. Revision in Renewable Purchase Obligation

The changes made for RPO as mentioned in the Corrigendum dated 13.4.2021 issued with respect to the tariff order dated 23.03.2021 for the 'Net Shortfall in RPO Compliance till FY 2019-20' were not considered in the current Tariff Order. Hence, the Commission has considered the 'Net Shortfall in RPO Compliance till FY 2019-20' and accordingly, the corresponding part of the Order related to RPO for FY 2020-21 and FY 2021-22 is revised.

2. Revision in Calculation of Gain on over achievement for norms of distribution losses

The changes made in the Calculation of Gain on over achievement for norms of distribution losses is a consequential result of a typo error inadvertently made in Tariff Order dated 31.03.2022 for DNHPDCL. However, the Sharing of the Gain remains the same.

3. Revision in Calculation of Revenue GAP / Surplus The changes made for closing gap for FY 2019-20 as mentioned in the Corrigendum dated 13.4.2021 issued with respect to the tariff order dated 23.03.2021 were not considered in the Current Tariff Order. Hence, the Commission has considered the closing gap for FY 2019-20 as per the Corrigendum and accordingly, the corresponding part of the Order related to Calculation of Revenue GAP / Surplus for FY 2020-21, FY 2021-22 and FY 2022-23 is revised.

4. Revision in R-approved

The changes made in the R-approved value is a consequential result of an inadvertent error made in calculation of R-approved in Tariff Order dated 31.03.2022 for DNHPDCL.

5. No effect on retail supply Tariff notified for FY 2022-23:

The above changes shall not have any impact on the retail supply Tariff notified by the Commission for FY 2022-23 and so there would not be any change in it and it will

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remain same as approved by the Commission in the Tariff Order dated 31st March, 2022.

**Sd/-
(Jyoti Prasad)
Member (Law)**

(Certified Copy)

**(Rakesh Kumar)
Secretary, JERC**

Place: Gurugram
Dated: 13 June, 2022