

NSE Clearing Limited

Circular

| Department: Futures & Options | |
|--|---------------------------------|
| Download Ref No: NCL/CMPT/58289 | Date: September 07, 2023 |
| Circular Ref. No: 0129/2023 | |

All Members,

Sub: Adjustment of Futures and Options contracts in the security POWER GRID CORPORATION OF INDIA LIMITED (POWERGRID)

In pursuance of Byelaws of NSE Clearing pertaining to Clearing and Settlement of deals, SEBI circular reference SMDRP/DC/CIR-8/01 dated June 21, 2001, Circular no. 097 (Download no. NCL/CMPT/57320) dated June 28, 2023 and Circular no. 146/2023 (Download no. 58267) dated September 06, 2023 members are hereby informed the procedure for adjustment of Futures and Options contracts in the underlying security POWER GRID CORPORATION OF INDIA LIMITED, on account of Bonus Issue in the ratio of 1:3.

The 'adjustment factor' for the corporate action shall be 1.333333 and the ex-date for the corporate action shall be September 12, 2023. The following action would be taken by NSE Clearing in this regard.

1. Action by the NSE Clearing in respect of Futures Contracts:

All open positions in futures contracts with the underlying security as POWERGRID existing after End of day on September 11, 2023, will be adjusted as under:

Positions: The adjusted positions shall be arrived at by multiplying number of contracts in the pre adjusted position by the adjusted market lot. The adjusted market lot shall be as per the Circular no. 146/2023 (Download no. 58267) dated September 06, 2023.

Futures Price: The adjusted futures price would be based on the Settlement price of the relevant futures contracts on September 11, 2023. Adjusted futures price shall be settlement price of relevant futures contracts on September 11, 2023, divided by 'adjustment factor'.

Adjusted value: In order to avoid difference arising due to rounding off of adjusted settlement price, the carry forward/adjusted value shall be computed by multiplying pre adjusted futures

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long/short quantity with pre adjusted settlement price. Accordingly, all positions in futures contracts with the underlying security as POWERGRID would be marked-to-market on September 11, 2023, based on the daily settlement price of the respective futures contract. Further, the adjusted positions would be carried forward at the adjusted value.

From September 12, 2023, daily mark to market settlement of futures contracts with the underlying security as POWERGRID would continue as per normal procedures.

Begin of day margins on September 12, 2023, would be computed for the futures contract with underlying as POWERGRID based on the adjusted carry forward value. Subsequently, intra-day margins would be computed based on the relevant traded prices at the time the intra-day span risk parameter files are generated.

An example of adjustment of futures contract is detailed hereunder:

1.1 Positions before adjustment:

| Clearing Member | Trading Member | Client Code | Instrument | Security Symbol | Expiry Date | Long position | Short position |
|-----------------|----------------|-------------|------------|-----------------|-------------|---------------|----------------|
| A | ABC | H4 | FUTSTK | POWERGRID | 28-SEP-2023 | 2700 | 0 |
| B | PQR | 458 | FUTSTK | POWERGRID | 26-OCT-2023 | 0 | 2700 |

1.2 Positions after adjustment:

| Clearing Member | Trading Member | Client Code | Instrument | Security Symbol | Expiry Date | Long position | Short position |
|-----------------|----------------|-------------|------------|-----------------|-------------|---------------|----------------|
| A | ABC | H4 | FUTSTK | POWERGRID | 28-SEP-2023 | 3600 | 0 |
| B | PQR | 458 | FUTSTK | POWERGRID | 26-OCT-2023 | 0 | 3600 |

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2 Action by Clearing Corporation in respect of Options Contracts:

All open positions in options contracts with the underlying security as POWERGRID, as existing on September 11, 2023, shall be adjusted as under:

Strike Price: The adjusted strike price shall be arrived at by dividing the old strike price by the 'adjustment factor' i.e., 1.333333.

Positions: The adjusted positions shall be arrived at by multiplying number of contracts in the pre adjusted position by the adjusted market lot and continue to exist in the new adjusted strike prices. The adjusted market lot shall be as per the Circular no. 146/2023 (Download no. 58267) dated September 06, 2023.

An example of the adjustments in the strike prices is detailed hereunder:

2.1 Positions before Strike Price adjustment:

| Clearing Member | Trading Member | Client Code | Instrument | Security Symbol | Expiry Date | Strike Price | Option Type | Long position | Short position |
|-----------------|----------------|-------------|------------|-----------------|-------------|--------------|-------------|---------------|----------------|
| A | ABC | H4 | OPTSTK | POWERGRID | 28-SEP-2023 | 255.00 | CE | 2700 | 0 |
| B | MNO | 458 | OPTSTK | POWERGRID | 28-SEP-2023 | 255.00 | PE | 0 | 2700 |
| C | PQR | BRH1 | OPTSTK | POWERGRID | 26-OCT-2023 | 257.50 | CE | 2700 | 0 |
| D | XYZ | A5 | OPTSTK | POWERGRID | 26-OCT-2023 | 257.50 | PE | 0 | 2700 |

2.2 Positions after Strike Price adjustment:

| Clearing Member | Trading Member | Client Code | Instrument | Security Symbol | Expiry Date | Strike Price | Option Type | Long position | Short position |
|-----------------|----------------|-------------|------------|-----------------|-------------|--------------|-------------|---------------|----------------|
| A | ABC | H4 | OPTSTK | POWERGRID | 28-SEP-2023 | 191.25 | CE | 3600 | 0 |
| B | MNO | 458 | OPTSTK | POWERGRID | 28-SEP-2023 | 191.25 | PE | 0 | 3600 |
| C | PQR | BRH1 | OPTSTK | POWERGRID | 26-OCT-2023 | 193.15 | CE | 3600 | 0 |
| D | XYZ | A5 | OPTSTK | POWERGRID | 26-OCT-2023 | 193.15 | PE | 0 | 3600 |

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3. Members are advised to note the following in respect of futures and options contracts on underlying security POWERGRID.

Position details of futures and options contracts with the underlying security as POWERGRID would be provided in PS_03 / 04 files for trade date September 11, 2023, would indicate final positions in the relevant contracts (without adjustment) on September 11, 2023.

Adjustments for futures contracts would be carried out separately as detailed in 1.1 and 1.2 above. Similarly, adjustments of options contracts would be carried out on such strike prices as detailed in 2.1 and 2.2 above. All open positions at existing strike prices shall continue to exist at adjusted strike prices.

The following two additional files will be provided, at the end of the day on September 11, 2023:

POWERGRID_<Member Code>_EXISTING_POSITIONS.CSV

POWERGRID_<Member Code>_ADJUSTED_POSITIONS.CSV

The details of these files are provided as Annexure I.

**For and on behalf of
NSE Clearing Limited**

**Anil Suvarna
Associate Vice President**

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Annexure I

Position file formats for Corporate Action Adjustment for Futures and Options contracts on underlying security – Power Grid Corporation of India Limited

1. Details of existing positions:

All members having positions in options contracts at existing strike prices and Futures contracts shall be given details of the same vide the regular F_PS03 & the F_PS04 files on September 11, 2023.

The file shall be comma separated. The file shall be named as POWERGRID_<Member Code>_EXISTING_POSITIONS.CSV

This file shall be at client level.

The file structure shall be as under:

| | |
|--------------------------------|--------------------------------------|
| Position Date | Date |
| Segment Indicator | 'F' |
| Settlement Type | 'S/G' |
| Clearing Member Code | CM Code |
| Member Type | 'M' / 'C' |
| Trading Member Code | TM Code / CP Code |
| Account Type | 'P'/'C' etc. |
| Client Account / Code | Client Account No. / Code |
| Instrument Type | FUTSTK / OPTSTK |
| Symbol | POWERGRID |
| Expiry date | 28-SEP -2023/26-OCT-2023/30-NOV-2023 |
| Strike Price | Existing Strike Prices |
| Option Type | 'CE' / 'PE' |
| CA Level | 1 |
| Post Ex / Asgmt Long Quantity | XXX |
| Post Ex / Asgmt Long Value | XXX (value 0 for option contracts) |
| Post Ex / Asgmt Short Quantity | XXX |
| Post Ex / Asgmt Short Value | XXX (value 0 for option contracts) |
| C/f Long Quantity | 0 |
| C/f Long Value | 0 |

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| | |
|--------------------|---|
| C/f Short Quantity | 0 |
| C/f Short Value | 0 |

2. Details of Adjusted Positions:

All options positions in adjusted strike prices shall continue to exist in the corresponding new adjusted strike prices.

Members shall be given the adjusted positions i.e., the Post Ex / Asgmt Long Quantity / Post Ex / Asgmt Short Quantity with zero quantity and the Carry Forward Long Quantity / Carry Forward Short Quantity with adjusted quantities.

The comma separated file shall be named as POWERGRID_<Member Code>_ADJUSTED_POSITIONS.CSV.

This file shall be at client level.

The file structure shall be as under:

| | |
|--------------------------------|--------------------------------------|
| Position Date | Date |
| Segment Indicator | 'F' |
| Settlement Type | 'S/G' |
| Clearing Member Code | CM Code |
| Member Type | 'M' / 'C' |
| Trading Member Code | TM Code / CP Code |
| Account Type | 'P' / 'C' etc. |
| Client Account / Code | Client Account No / Code |
| Instrument Type | FUTSTK / OPTSTK |
| Symbol | POWERGRID |
| Expiry date | 28-SEP -2023/26-OCT-2023/30-NOV-2023 |
| Strike Price | Existing Strike Prices |
| Option Type | 'CE' / 'PE' |
| CA Level | 0 |
| Post Ex / Asgmt Long Quantity | 0 |
| Post Ex / Asgmt Long Value | 0 |
| Post Ex / Asgmt Short Quantity | 0 |
| Post Ex / Asgmt Short Value | 0 |
| C/f Long Quantity | XXX |

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| | |
|--------------------|------------------------------------|
| C/f Long Value * | XXX (value 0 for option contracts) |
| C/f Short Quantity | XXX |
| C/f Short Value * | XXX (value 0 for option contracts) |

* C/f Long Value and C/f Short Value shall be provided only for futures contracts. It shall be computed as the product of pre-adjusted C/f Long/ Short Quantity and pre-adjusted settlement price.