

## EXPORT & IMPORT TTC/ATC OF OPTCL SYSTEM FOR THE MONTH APRIL-2024(R-1)

### EXPORT TTC/ATC

| SL. No. | Control Area | Month  | Export TTC | Reliability Margin            | Counterflow on Surrender of ISGS | Export ATC | Contingency                                    | Assumptions                          |
|---------|--------------|--------|------------|-------------------------------|----------------------------------|------------|--|--------------------------------------|
| 1       | Odisha       | Apr-24 | 1127       | 76 MW<br>(2% of load assumed) | 0                                | 1051       | Outage of one 210MW Generator of IBTPS Stage-1 | Generation: 5012 MW<br>Load: 3800 MW |

### IMPORT TTC/ATC

| SL. No. | Control Area              | Month  | Import TTC | Reliability Margin             | Approved GNA | Import ATC | Contingency                                    | Assumptions                          |
|---------|---------------------------|--------|------------|--------------------------------|--------------|------------|--|--------------------------------------|
| 1       | Odisha(excluding Vedanta) | Apr-24 | 3302 MW    | 112 MW<br>(2% of load assumed) | 2157 MW      | 1033 MW    | Outage of one 220kV Tarkera-Rourkela(PG) Ckt.* | Generation: 2498 MW<br>Load: 5600 MW |
| 2       | Vedanta                   |        | 1600 MW    | 38 MW<br>(2% of load assumed)  | NIL          | 1562 MW    | Outage of one 400kV OPGC-Lapanga ckt           | Generation: 300 MW Load: 1900 MW     |

Total Import TTC for Odisha Control Area = 3302 MW+ 1600 MW = 4902 MW

\* SPS has been designed for 220kV Tarkera-Rourkela PG line. So, this ckt is not a constraint