**IMPORT ATC TTC for the Month of MAY-2023 i.r.o. DVC**

Base case as received from ERLDC.

**Philosophy: Minimum Generation and Maximum Demand considering N-1 criteria**

Total Generation = **1662 MW\*.**

Total Demand of DVC= **3537 MW** (Max)

Net IMPORT TTC calculated as in PSSE = **1933 MW (**considering N-1 contingency)

Net IMPORT ATC: (1933 – 71) MW = **1862 MW (**Reliability Margin 71 MW (2% of Total Demand) --------- (i)

\* *Consideration: All 500/600 MW generators (connected to ISTS) & Hydel units out of bar.*

Constraint:

* Import TTC Case: Loading of D/c 220kV Parulia(DVC) – Parulia PG lines ~157 MW each ckt, which is a ( N – I ) violation condition. However, with generation at DSTPS, the said drawl will get reduced.