* ATC/TTC Declaration of BSPTCL System for the following months is as mentioned below:-

|  |  |  |  |
| --- | --- | --- | --- |
| Month | TTC (MW) | ATC(TTC-RM)(MW) | RM(MW) (2% of peak demand) |
| Sep-2021 | 6475 | 6345.5 | 129.5 |
| Oct-2021 | 6000 | 5880 | 120 |
| Nov-2021 | 5000 | 4900 | 100 |

TTC-Total Transfer capability

ATC-Available Transfer capability

RM-Reliability Margin

RM-Reliability Margin (2% of peak demand or maximum generation in the state)

Taking 2% of Peak demand as reliability margin.

ATC=TTC-RM

|  |  |  |  |
| --- | --- | --- | --- |
| **Assumptions** | | | |
| Month | Generation (MW) (Including central sector & Sate generation) | Peak Load(MW) | Remarks |
| Sep-2021 | **4579.51** | 6475 | Total LTA of BSPHCL with Central Sector & State generators is of 5269.51 MW but among the state generators only one unit of NTPC Barauni (1\*250MW) generally remain in service. |
| Oct-2021 | 6000 |
| Nov-2021 | 5000 |
| The flow on 132kv Raxaul-Parwanipur S/C T/L is assumed to be a load on Parwanipur Bus. Internal Network of Nepal has been disconnected from Raxaul end. | | | |
| **Constraints** | | | |
| 132Kv Bettiah-DMTCL (Motihari) D/C T/L get overloaded for the month of Sep’21.  No any constraints for the month of Oct’21 & Nov’21. | | | |