

1.11 Outage Schedule

The upgrade is to be done only a short total outage for the station control is allowed. Hence the link will be available to transfer half the power during the execution time, except for the days when the Station control is upgraded. A maximum outage time allowed for upgrade projects is as per below:

7 days – Preparation time for pole -1 outage

150 days - Pole -1 Outage 130days(100days upgrade work and 30 days for power and control cable replacement) , 15 days system test and 5 days trail run.

Note:

1. The preparatory work for Outage shall include the following also:

- Pre-refurbishment measurements for Block-1 .

The actual dates / durations can be mutually discussed & agreed during execution.

2. The preparatory time shown is indicative, the same can be finalized without impacting running of the pole -1 and Pole-2

3. Contractor shall ensure that, during preparatory work in station for replacement, before availing outage, no effect on running HVDC system. During replacement of Thyristor valve, Control & Protection System (C&P), SCADA, Valve Control System (VCU)/Valve Base Electronics (VBE),Valve Cooling System and power and control cables as per scope including Valve Cooling Control for pole-1, other running block should continue to operate independently without any effect. Contractor needs to confirm the original wiring/termination schedule before start of dismantling work of Block 1/Block2/Both Block System and Interfaces with other systems. Contractor shall verify the cable schedule prior to the outage. In case cable schedule is not available contractor shall prepare detailed cable schedule as a preparatory works without affecting the running pole.

If contractor fails to achieve the above outage schedule, shall pay liquidated damages to the Employer in respect of the failure to meet the said performance guarantee (related to permissible outage) to the tune of INR 1 Million for each 24 Hours outage per block due to revenue loss to Employer, subject to maximum period of upto 1 month.

If contractor fails to successfully upgrade scope of work for pole -1 and thereby operationalize the pole-1, plant rejection as per the Provision of contract shall be applicable.