Revamp of SCADA/EMS Systems

NLDC Shift summary

1.Maximum DEmand During shift :400 MW

i.National grid frequency remained within limit during the shift

ii.Voltage status

Morning /Evening /Night shift

Minimum demand during shift: 200MW

voltage status table

Name of element	Voltage(kv) before regulation	Reason	Measures/Action taken	Voltage(kv) after regulation	Metric	COUNT(*)
						1
132kv KHP_MAT	139kv	Internal line disruptionat Rangia end, Shund reactor closed at KHP	no otherimprovementsmeasures	137kv		1

Shutdown plan table

Metric	Name of element	Nature	Avail Time & date	Reasons	Restoration time and remarks	Total (Sum)
COUNT(*)		Ad-hoc	null			1
		RB	null			1
	400kV THP-MAL	CB	2021-08-24 00:00:00	AMP	Still out	1
		Planned	2021-08-24 00:00:00	AMP	Still out	2

Tripping/Restoration of generating unit

Line/ICT	Tripping Time	Reasons	Normalised time	Remarks	Metric	COUNT(*)
THP unit2	10:35(12/08/2021)	Reverse Power	11:38(12/08/2021)	No generation loss		1

Line/ICT Tripping/Revivel

Line/ICT	Tripping time	Reason	Normalised time	Remarks	Metric	COUNT(*)
400kV THP-MAL	17:35(12/08/2021)	tower collapsed	still out	Declare Faulty		1

Elements on standby/ idle charges

Name of element	Time	Remarks	Metric	COUNT(*)
400kV THP - S -IL 2	10:35(12/08/2021)	standby		1

Non compilence

Agency/stackeholder(s)	Name of element	Date	Description	Remarks	Site official on duty	Metric	COUNT(*)