

18. Continuous overloading of 400kV S/C Kota-Anta line since commissioning (agenda by PGCIL)

400KV Anta – Kota is an important link of evacuation of power from Chhabra, Kawai & Kalisindh. Since commissioning of this line in July'2018, continuous overloading has been observed i.e. more than SIL loading and at some time even crossing its thermal capacity, which causes frequent hot spots in bay/ line connectors/ droppers etc.

Load flow on this line since Jan'19 is tabulated below:

Line	:	400KV Anta – Kota line
Line length	:	91.5Kms
Conductor	:	Twin Moose
SIL loading of line	:	515MW
Thermal capacity of single Moose	:	714Amp at 85 ⁰ C as per CEA manual on planning criteria

Loading /Month	Jan-19	Feb-19	Mar-19	April-19	May-19	June-19	July-19	Aug-19	Sept-19	Oct-19	Nov-19	Dec-19	Jan-20
Av. Loading (MW)	490	466	521	466	474	532	466	375	560	611	600	605	665
Max. Loading (MW)	928	891	990	761	916	893	923	776	785	917	931	932	965

Necessary load management by NRLDC / SLDC, Rajasthan is requested to avoid over loading/ damage of line equipment in the interest of safe and secure grid operation. Requirement of additional line may also be looked by NRPC / POSOCO.

19. Request for Minimum Unit running in Stage-1 of Dadri-Thermal (agenda by NTPC)

During the last two months, all 04 Units of Stage-1 were under reserved shutdown. Due to which ,safety issues in preservation of Boiler & Turbine and coal in Bunker is arising.

The following suggestions may be discussed in the upcoming OCC meeting:

- (i). It is requested to run atleast 1 out of 4 Units of Stage-1 Dadri-Thermal on rotation basis for 15 days.

- (ii). The activities like DSI commissioning for SOx reduction, tuning of units for ramp test etc can only be carried out in running units.

Members may deliberate.