



PUNJAB STATE TRANSMISSION CORPORATION LIMITED

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O/o SE/Planning, PSTCL, Patiala.

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CIN - U40109PB2010SGCO33814

To

CAO/F &A,
PSTCL, Patiala

Memo No.: 171 /P-1/275

Dated: 28/04/2023

Subject: PSERC Directives in the Tariff Order for FY 2022-23: Quarter ending March-2023.

Enclosed please find herewith compliance status of PSERC directive Sr. No. 4.2 (Loading Status of PSTCL Transmission Lines and Sub-station) in the Tariff Order for FY 2022-23 for the quarter ending March-2023 as Annexure-A. Annexure A shall be uploaded on PSTCL website www.pstcl.org.

This issues with the approval of Chief Engineer/TS.

DA: As Above


Sr.XEN/Planning-1,
PSTCL, Patiala.

CC:- 172/173
28/04/2023

1. Chief Engineer/TS, PSTCL, Patiala
2. ASE/Tech. to Director/Tech, PSTCL Patiala

PSERC Directive Sr. No. 4.2 (Loading Status of PSTCL Transmission Lines and Sub-station)

4th Quarter (ending March-2023)

Sr no.	P&M Circle	Name of transmission line	% loading as compared with the standard design parameters of conductors i.e. 45°C Ambient temperature and 75°C Conductor temperature.	Remarks of P&M Organization	Proposal /remedial action by planning
A) Loading status of PSTCL Transmission Lines					
1.	Amritsar	----NIL----			
2.	Jalandhar	----NIL----			
3.	Bathinda	----NIL----			
4.	Ludhiana	220KV Amloh - Malerkotla	628 A at 22°C Ambient temperature (112.14%)	Temporary (Because the work of replacing HTLS conductor with ACSR Conductor on 220 KV G1 - Rajpura Ckt 1 was under progress).	
		220KV Ikolaha - Malerkotla	592 A at 10°C Ambient temperature (105.71%)	Temporary (Because the work of replacing HTLS conductor with ACSR Conductor on 220 KV G1 - Rajpura Ckt 2 was under progress).	
5.	Patiala	220kV Faggan majra- Bahadurgarh	617 A at 22°C Ambient temperature (110.18%)	Existing Load	Will be resolved after implementation of already approved rearrangement of transmission lines in Rajpura region, already planned.
		220 kV Rajpura-Fagan Majra	566 A at 21°C Ambient temperature (101.07%)	Existing Load	

		220kV Ablowal-Passiana	560 A at 31°C Ambient temperature (100%)		Temporary overloading which has not been observed in previous quarters.
		220 kV Derabassi-lalru	561 A at 9°C Ambient temperature (100.18%)	Existing Load	Will be resolved by LILO of 220 KV Mohali-1-Lalru line at 220 KV Mohali-2
B)	Loading status of Power Transformers of PSTCL Sub-stations	All 400/220kV, 220/132kV & 220/66kV as well as 132/66kV, 132/11kV & 66/11kV Power T/Fs of PSTCL Substations remained below 100% as per P&M data.			