



PUNJAB STATE TRANSMISSION CORPORATION LIMITED
Regd. Office: PSEB Head Office, The Mall Patiala-147001, Punjab, India.
Corporate Identity Number: U40109PB2010SGC033814 (www.pstcl.org)
(O/o CAO/Finance & Audit(Commercial & Regulatory Cell, 3rd Floor, Shakti Sadan Patiala.)
Fax/Ph.No.0175-2970183 Email : fa@pstcl.org

To

The Joint Director/Regulations,
Punjab State Electricity Regulatory Commission,
Site No. 3, Sector 18-A, Madhya Marg,
Chandigarh.

Memo No. 344 /FA/Comml.-23/Vol.-10

Dated 10-02-2021

Subject: Regarding PSTCL Transmission Losses for the month of December, 2020 and FY 2020-21.

Please find enclosed herewith information regarding PSTCL Transmission Losses for the month of December, 2020 and Revised Transmission losses for FY 2020-21(April, 2020 to November, 2020) for the kind consideration of Hon'ble Commission.

DA/As above


CAO/Finance & Audit,
PSTCL, Patiala.


9/2


9/2/2021



PUNJAB STATE TRANSMISSION CORP LTD.

Regd. Office: PSEB Head Office, The Mall, Patiala – 147001

Corporate Identity Number U40109PB2010SGC033814

PUNJAB STATE LOAD DISPATCH CENTRE

OFFICE OF THE CHIEF ENGINEER/SLDC

SLDC Building, 220KV Grid Sub-Station, Ablowal, (Patiala) – 147001.

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To

Financial Advisor,
PSTCL, Patiala.

Memo no. *610/615*

Dated: *04/02/2020*


Sub: Regarding PSTCL Transmission losses for the month of December, 2020 and FY 2020-2021.

Please refer to this office memo no. 594/95 dated 27.1.2021 (Copy Attached) vide which revised PSTCL Transmission losses for FY 2019-2020 were submitted.

It is intimated that the PSTCL Transmission Losses for the month of December, 2020 (00:00hrs of 1st of December, 2020 to 24:00hrs of 31st December, 2020) have been assessed as 2.51% by considering energy inter-exchange measured through meters installed at Boundary interface points of PSTCL, with interstate sub-stations, with generating plants (of PSPCL & IPPs) and with PSPCL-Distribution side.

It is reiterated that as per meeting held on dated 22.1.2021 in Hon'ble PSERC Chandigarh, the netting of energy is required to be considered at I-T (Interstate-PSTCL) & G-T (Generating-PSTCL) Boundary points for calculation of PSTCL Transmission Losses. In addition to it, the Import energy at PSTCL-PSPCL Boundary points (T-D) has also been considered in Input energy of PSTCL. Accordingly, the PSTCL Transmission Losses for FY 2020-21 (April 20-Nov. 20) have also been revised (Annexure-I). The aggregate percentage losses from April 20 to Dec. 2020 work out to be 2.47%.

This is for your information and further necessary actions please.


Chief Engineer/SLDC,
PSTCL, Ablowal, Patiala

DA/As Above
CC: (By email)

1. Sr. Xen/Tech to Director/Technical, PSTCL, Patiala.
2. Chief Engineer/TS, PSTCL, Patiala.
3. Chief Engineer/P&M, PSTCL, Ludhiana.
4. SE/Planning, PSTCL, Patiala.
5. Dy. CE/Planning-2, PSPCL, Patiala in reference to their office memo no. 2868/75 dated 29.5.2019.

Annexure-I

PSTCL Transmission Losses for FY 2020-2021 (Revised)

Month	PSTCL Transmission Losses (%age)
April,2020	2.29
May,2020	2.43
June,2020	2.38
July,2020	2.48
August,2020	2.45
September,2020	2.57
October,2020	2.44
Nov.,2020	2.58

Energy Exchange Status of PSTCL system (400kV/220kV/132kV Network) FY 2019-2020 (with Netting)

Annexure-4

Month	Energy exchanged within PSTCL network at I-T Interface points (between Interstate and PSTCL substations as per meters installed at at 400/220/132 Levels)			Energy exchanged within PSTCL network at G-T interface points (Between Punjab Generating stations and PSTCL substations as per meters installed at Generating stations)			Energy exchanged with PSPCL at T-D Boundary points as per meters installed at PSTCL Substation			Transmission losses Data			
	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy Import	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy Import	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy exported by PSTCL to PSPCL	Total Import at PSTCL substations	Total Export at PSTCL substations	Transmission Losses at 400/220/132kV Level	%age losses
	1	2	3=1-2	5	6	7=5-6	8	9	10=9-3	11=3+7+8	12=9	13=11-12	13*100/11
April 2019	2084004.399	784352.671	1299651.727	2270708.995	324734.019	1945974.965	72663.761	3205042.499	3132378.735	3318290.454	3205042.496	113247.959	3.41
May 2019	2959160.604	656596.369	2302564.235	2376942.974	425669.014	1954174.960	69479.864	4235854.218	4166374.354	4326239.059	4235854.218	90384.841	2.09
June 2019	4099950.678	614765.149	3484285.529	3053634.907	334072.630	2719562.277	45992.314	6042197.349	5996205.035	6249840.120	6042197.349	207642.771	3.32
July 2019	4604446.004	601756.191	4002689.813	3055005.283	378452.737	2676542.548	38234.357	6529418.496	6501184.139	6717469.716	6539418.495	178049.220	2.65
Aug 2019	4613896.499	615808.828	3998087.671	2899701.537	426413.546	2462287.991	44504.666	6348423.139	6301919.453	6504800.348	6348423.139	159457.209	2.44
Sept. 2019	4167128.683	504464.232	3662664.451	2809012.776	392045.754	2416967.022	43514.666	6004037.993	5960523.307	6123146.159	6004037.993	119109.166	1.95
Oct. 2019	2374135.040	550335.712	1823799.328	1779284.037	354821.529	1466049.442	53672.849	3541689.922	3492017.073	3642783.543	3545689.922	97093.621	2.67
Nov. 2019	1810297.464	615439.693	1194858.771	1779284.037	293234.555	1466049.442	46849.691	2642452.105	2595602.244	2727758.074	2642452.105	85305.969	3.13
Dec. 2019	2210877.948	707347.876	1503530.072	1854056.086	286299.294	1567756.792	45029.939	3018278.510	2973249.571	3116316.803	3018278.510	98039.293	3.15
Jan. 2020	2244119.424	659511.693	1584607.731	1725978.699	269933.729	1456044.960	52939.142	2995826.409	2942889.267	3094490.833	2995826.409	98664.424	3.19
Feb. 2020	2435554.581	464033.939	1971520.642	1395760.391	280260.991	1135499.400	70256.228	3095527.001	3025270.773	3177276.270	3095527.001	81749.259	2.57
March 2020	1985433.116	222809.260	1762624.856	850067.837	317666.279	562401.559	80423.640	2348242.363	2267818.723	2405459.054	2348242.363	57207.691	2.38
TOTAL (MWh)	35589124.439	6996319.613	28592804.826	26212066.397	4063513.117	22148573.280	663560.327	56918590.001	49355429.674	51403938.433	50018890.001	1384949.432	2.694

Note: If Import energy at T-D Boundary points is included in Input energy of PSTCL, Losses worked out to be 2.694%.