



MEGHALAYA POWER TRANSMISSION CORPORATION LIMITED  
OFFICE OF THE SUPERINTENDING ENGINEER  
STATE LOAD DESPATCH CENTRE  
132KV NEHU SUB STATION COMPLEX, UMJARAIN, SHILLONG-793022

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No.SE/SLDC/MSERC/2013-14/280

Dated. Shillong, the 21<sup>st</sup> January, 2016.

To

Shri. A. Lyngdoh  
Superintending Engineer (PM)  
O/o the Director, MePGCL  
Lumjingshai Shillong-01

Sub: Infirm Power of MLHEP - REGARDING.

Ref: (i) No.MePGCL/D/GEN/M-53/2015/5  
(ii) No.MePGCL/D/GEN/M-53/2015/18

Dt 20.10.2015

Dt 13.01.2016

Sir,

With reference to the subject as above and the letters under reference, I am to inform as under:-

**(A) Infirm power can be calculated on compliance of the following conditions:-**

1. As per MSERC's State Grid Code, block-wise energy meter readings had to be downloaded directly from the Special Energy Meter (SEM) suitable for ABT but not manually as submitted.
2. Data of Station Services/Auxiliary power consumption was not provided.
3. Ex-PP generation at the injecting periphery had to be mentioned in the statement above.
4. As per the MSERC's State Grid Code, metering system should be in line with CEA standard (Installation and Operation of Meters) Regulations, 2006 and as amended from time to time.
5. In the absence of IPs data, the CERC's (Unscheduled Interchange charges and related matters), Regulation for calculation of the infirm power could not be applied.

In the <sup>view</sup> of the above, calculation of infirm power of MLHEP could not be done.

**(B) Calculation was however based on the following assumptions:-**

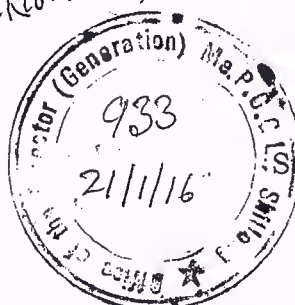
1. Station Service consumption and Transformation losses were based as per the tariff orders of MSERC.
2. UI was calculated, based on the monthly energy data submitted to NERLDC.
3. Due to non available of blocks wise data, the frequency for the said period was based on the monthly average frequency of all India value.

This is for favour of your information and necessary action.

Encl: As stated.

Yours faithfully,

JE (Kharshing)  
MLHEP Tariff file pl. (F.No.16(6))  
21/01/16



(F.E. Kharshing)  
Superintending Engineer  
State Load Despatch Centre  
MePTCL, Shillong.

Month	Units generated (KWH)				*Net Units generated (KWH)	* Ex-PP (KWH)	Average frequency(Hz)	UI Rate (Paise)	Cost of Energy (in Rs)
	UNIT-I	UNIT-II	UNIT-III	TOTAL					
November-11	1099000.00			1099000.00	1088010.00	1082515.00	49.72	372.00	4026955.80
December-11	7310690.00			7310690.00	7237583.10	7201029.65	49.70	387.50	27903989.89
January-12	6252970.00			6252970.00	6190440.30	6159175.45	49.84	279.00	17184099.51
February-12	4267318.00			4267318.00	4224644.82	4203308.23	49.84	279.00	11727229.96
March-12	3685958.00			3685958.00	3649098.42	3630668.63	49.85	279.00	10129565.48
March-13			1655776.00	1655776.00	1639218.24	1630939.36	49.85	279.00	4550320.81
Total	22615936.00	0.00	1655776.00	24271712.00	24028994.88	23907636.32			75522161.45

\* 1% of energy generated (Station service consumption) and 0.5% of energy generated loss (Transformation) vide Tariff Orders of MISERC



Executive Engineer  
State Load Despatch Centre  
Me. PTCL, Shillong