

BEFORE  
MEGHALAYA STATE ELECTRICITY REGULATORY COMMISSION, SHILLONG

**PETITION**

FOR

**APPROVAL OF TRANSMISSION OPEN ACCESS CHARGES FOR FY  
2014-15**

FILED BY  
**MEGHALAYA POWER TRANSMISSION CORPORATION  
LIMITED**

Lum Jingshai, Short Round Road, Shillong - 793 001

**BEFORE THE HON'BLE MEGHALAYA STATE ELECTRICITY REGULATORY COMMISSION**

FILE / PETITION NO.....

IN THE MATTER OF

PETITION FOR APPROVAL OF OPEN ACCESS CHARGES OF MEGHALAYA POWER TRANSMISSION CORPORATION LIMITED (MePTCL) WITHIN THE STATE OF MEGHALAYA FOR THE FINANCIAL YEAR 2014-15 UNDER THE MEGHALAYA STATE ELECTRICITY REGULATORY COMMISSION (TERMS AND CONDITIONS OF OPEN ACCESS) REGULATION 2012 AND UNDER SECTION-62, READ WITH SECTION 86, OF THE ELECTRICITY ACT 2003.

AND IN THE MATTER OF

MEGHALAYA POWER TRANSMISSION CORPORATION LIMITED, LUMJINGSHAI, SHILLONG – 793001, MEGHALAYA.

**PETITIONER**

IT IS RESPECTFULLY SUBMITTED BY THE PETITIONER THAT:

1. With effect from 21<sup>st</sup> January 1975, the power supply Industry in Meghalaya had been under the control of the erstwhile Meghalaya State Electricity Board (MeSEB). On 31<sup>st</sup> March 2010, the Government of Meghalaya issued a Notification "The Meghalaya Power Sector Reforms Transfer Scheme 2010" (enclosed as **ANNEXURE-I**) thereby giving effect to the transfer of assets, properties, rights, liabilities, obligations, proceedings and personnel of the erstwhile MeSEB to, namely, (i) Meghalaya Energy Corporation Limited (MeECL), the Holding Company; (ii) Meghalaya Power Distribution Corporation Limited (MePDCL), the Distribution Utility; (iii) Meghalaya Power Generation Corporation Limited (MePGCL), the Generation Utility; & (iv) Meghalaya Power Transmission Corporation Limited (MePTCL), the Transmission Utility. However, the Government of Meghalaya, vide Notification dated 19<sup>th</sup> May 2011, notified that the transfer scheme of the MeECL be extended for another period of 1 (one) year with effect from 1<sup>st</sup> April 2011. On 31<sup>st</sup> March 2012, Government of Meghalaya issued amendment to the above mentioned transfer scheme, to transfer Assets and Liabilities including all rights, obligations and contingencies with effect from 1<sup>st</sup> April 2012 (enclosed as **ANNEXURE-II**). The Government of Meghalaya issued further notification on 16th September 2013 thereby notifying the revised statement of Assets and Liabilities as on 1st April 2010 to be vested in Meghalaya Energy Corporation Limited (enclosed as **ANNEXURE-III**).

2. The Meghalaya Energy Corporation Limited (MeECL) is functioning as a Holding Company and the other utilities, namely, Meghalaya Power Distribution Corporation Limited (MePDCL), the Meghalaya Power Generation Corporation Limited (MePGCL) and the Meghalaya Power Transmission Corporation Limited (MePTCL) have commenced commercial operation as independent entities from 1<sup>st</sup> April 2013 onwards.
3. The Hon'ble Commission has passed the Tariff Order of MePTCL for FY 2013-14 on 28.03.13.

**Prayer:**

It is respectfully prayed that the Hon'ble Commission may be pleased to kindly:

- i. Approve the open access charges and transmission losses as submitted under this petition.
- ii. To condone any inadvertent omissions, errors & shortcomings and permit the applicant to add/change/modify/alter this filing and make further submissions as may be required at later stages.
- iii. Pass such order as the Hon'ble Commission may deem fit and appropriate under the circumstances of the case.

L.M.F Sohtun,  
Additional Chief Engineer,  
Transmission & Transformation  
For and on behalf of  
Meghalaya Power Transmission Corporation Ltd

## 1. Computation of Transmission Charge

- 1.1 In accordance with Regulation 21 of the Meghalaya State Electricity Regulatory Commission (Terms and Conditions of Open Access) Regulations, 2012, computation of transmission charges payable by open access customer to the Transmission Licensee. The Regulation 21 is reproduced below:

### *"21. Transmission Charges*

*Open Access customer using transmission system shall pay the charges as stated hereunder:*

*(1) For use of inter-State transmission system – As specified by the Central Commission from time to time.*

*(2) For use of intra-State transmission system and associated facilities – Transmission charges payable to State Transmission Utility/ transmission licensees by an open access customer for usage of their system shall be determined as under:*

***Transmission Charges = ATC/ (ALST X365) (in Rs. /MW-day)***

*Where, ATC= Annual*

*Transmission Charges determined by the Commission for the State transmission system & associated facilities for the concerned year.*

*ALST= Average load projected to be served by the State transmission system in concerned year.*

*Provided that transmission charges shall be payable on the basis of contracted Capacity/ Scheduled Load or actual power flow whichever is higher.*

*Provided further that where a dedicated transmission system used for open access has been constructed for exclusive use of an open access customer, the transmission charges for such dedicated system shall be worked out by transmission licensee for their respective systems and got approved by the Commission and shall be borne entirely by such open access customer till such time the surplus capacity is allotted and used for by other persons or purposes".*

- 1.2 It is further submitted that for FY 2014-15, the proposed energy to be handled by MePTCL is 1651.55 MU as shown in Format-T8 of the Petition for Annual Revenue Requirement & Transmission Tariff for FY 2014-15, submitted on 16<sup>th</sup> December, 2013 and also shown below :-

Sl. No	Name of the Generating Station	Units Received (MU)
1	MePGCL	
A	Umiam Stage I	76.58
B	Umiam Stage II	40.17
C	Umiam Stage III	124.37
D	Umiam Stage IV	162.13
E	Umtru Power Station	21.88
F	Micro Hydel (Sonapani)	5.85
G	Leshka HEP	428.40
H	Lakroh HEP	5.85
2	NTPC	
A	NTPC Farakka	55.99
B	NTPC Talcher	34.99
C	NTPC Kahalgaon I	29.39
D	NTPC Kahalgaon II	146.30
3	NHPC	
	a) Loktak HEP	49.37
4	NEEPCO	
	Free Power	59.33
	Kopili Stage-I HEP	83.40
	Kopili Stage-II HEP	8.79
	Khandong HEP	17.02
	Ranganadi HEP	31.38
5	OTPC -PALLATANA GPP	270.00
6	Other sources	-
	Total Energy Received	<b>1651.55</b>
	Less Outside the State Sale	-
	<b>Total energy handled by STU</b>	<b>1651.55</b>

Hence, Average load projected to be served (ALST)

$$= 1651.55 * 1000 / (24 \times 365) \text{ or } 188.53 \text{ MW.}$$

- 1.3 It is submitted that in the Petition for Annual Revenue Requirement & Transmission Tariff for FY 2014-15, submitted on 16<sup>th</sup> December, 2013, the proposed Annual Transmission Charge (ATC) of MePTCL is Rs. 89.27 Crore, as shown below:-

Sl. No.	Particulars	FY 2013-14 (Rs in crore)
1	Return on Equity (RoE)	22.96
2	Interest on Loan capital	0.07
3	Operation and Maintenance expenses	44.25
4	Interest on Working Capital	3.39
5	Depreciation as may be allowed	22.67
6	Taxes on Income	-
7	Annual License Fee	0.03
8	SLDC Charges	1.47
9	Total Annual Expenditure	94.81
10	<i>Less: SLDC ARR</i>	2.88
11	<i>Less: Other Income</i>	2.66
	<b>Net Annual Revenue Requirement</b>	<b>89.27</b>

Therefore, Transmission Charges for Open Access Consumers

$$= \text{ATC} / (\text{ALST} \times 365) \text{ (in Rs. /MW-day)}$$

$$= 89.27 / (188.53 * 365)$$

$$= \mathbf{12972.75 \text{ Rs/MW/Day}}$$

MePTCL submits before the Hon'ble Commission to kindly approve the Transmission Charge of **Rs. 12972.75 per MW per day**.

- 1.4 MePTCL submits before the Hon'ble Commission to kindly approve Transmission Loss of 4% for Open Access Consumers, as proposed in the clause 3.4 of the Petition dated 16<sup>th</sup> December 2013 for approval of Annual Revenue Requirement & Transmission Tariff for FY 2014-15.



मेघालय MEGHALAYA

01AA 369797

BEFORE THE HON'BLE MEGHALAYA STATE ELECTRICITY REGULATORY COMMISSION

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AND IN THE MATTER OF

MEGHALAYA POWER TRANSMISSION CORPORATION LIMITED, LUMJINGSHAI, SHILLONG – 793001 MEGHALAYA.

PETITIONER

Affidavit verifying the Petition

I Shri Leonard M, F. Sohtun, aged 52 years, son of (L) T. C. Syngai, residing at Madan Laban, P.O. Laban, Shillong-793004, do solemnly affirm and say as follows:-

*Shri Leonard M. F. Sohtun*  
Magistrate Class  
Subordinate District Court  
Khasi Hills, Shillong

I am working as Additional Chief Engineer, Transformation & Transmission, office of the Director (Transmission), Shillong, at Meghalaya Power Transmission Corporation Limited (MePTCL), is the petitioner in the above matter and I am duly authorized to make this petition.

That the statement made in reply to the petition herein annexed and enclosed is based on information as derived from the records and I believe them to be true.

**VERIFICATION**

Solemnly affirm at Shillong on this 9<sup>th</sup> day of January 2014 that the contents of the above petition are true to my knowledge and no part of it is false and no material has been concealed there from.

In acknowledgement thereof, I swear this affidavit before the Magistrate First Class, Shillong on this 9<sup>th</sup> day of January 2014

Identified by:

*J. S. Wahlang*

(Miss J. S. Wahlang)  
Advocate.

*Leonard M. F. Sohtun*

(Leonard M. F. Sohtun)

Petitioner



*dm*  
Magistrate First Class  
Subordinate District Council Court,  
Khasi Hills, Shillong