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ABBREVIATIONS

Availability Based Tariff			
Administration & General			
Aggregate Revenue Requirement [®]			
Appellate Tribunal For Electricity			
Compound 🗈 Annual 🖾 rowth Rate 🛛			
Contract Demand [®]			
Central Electricity Regulatory Commission 2			
Central Generating Stations [®]			
Cost of 🗄 upply 🖻			
Central Power Sector Indertakings 2			
Crore			
Capital Work In Progress [®]			
Debt Equity [®]			
Extra High@ension@			
North E astern Region 2			
Fuel Adjustment Costs [®]			
Fixed Deposits Receipts ²			
Financial Year 🛛			
Gross Fixed Assets [®]			
Horse Power ?			
High@ension [®]			
Kilo Volt2			
Kilo Volt Amps🛛			
Kilo Watt2			
kilo Watt hour🛛			
Liquefied Natural Gas [®]			
LowITensionI			
Million Voltamps			
Mega Watt [®]			
Prime Lending Tate ?			
Regulatory Information And Management System 2			
Year on 🗹 ear 🛛			
Normative Annual Plant Availability Factor 2			
Meghalaya Power Generation Corporation Limited 2			
Meghalaya Power Distribution Corporation Limited			
Meghalaya Power Transmission Corporation Limited			
Commercial Operation Date 2			
Meghalaya Electricity Regulatory Commission 2			

MEGHALAYA STATE ELECTRICITY REGULATORY COMMISSION 1st Floor (Front Block Left Wing), New Administrative Building Lower Lachumiere, Shillong – 793001 East Kasi Hills District, Meghalaya

In the matter of?

Determination Bof Multiyear Aggregate Revenue Requirement (ARR) For FY 16 to FY 18 Band Transmission Tariff for FY 2015-16 for Transmission of power in the State of Meghalaya.

AND

Meghalaya Power Transmission Corporation Limited[®] (herein after referred to as MePTCL)[®] Petitioner[®]

Coram

Anand Kumar, Chairman 2

ORDER

Dated: 30th March, 20152

- 1. The Deghalaya Power Dransmission Corporation Limited (herein Dafter Preferred Do Das Dept CL) Dis Da Demed Dicensee Determs Def Section 24 Def De Electricity Act 2003 (herein Dafter Preferred Do Das DACt), Dengaged De De Dusiness Def Deransmission Def Delectricity De Def De State of Meghalaya. D
- As Per the directive of the Commission, The MePTCL has filed the Petition for determination of multiyear Aggregate Revenue Requirement (ARR) for control period FY 16 to FY 18 and Transmission Tariff for FY 2015-16.
- 3. In exercise of the powers vested under section 62(1) read with section 62(3) and section 64@3(a)@of@the@Electricity@Act@2003@and@MSERC@MYT@Regulations,@2014@(herein@after@ referred@to@as@Tariff@Regulations)@and@other@enabling@provisions@in@this@behalf@the@ Commission@ issues@ this@ order@ for@ approval@ of@ the@ ARR@ and@ determination@ of@

Transmission[®]Tariff[®]for[®]FY[®]2015-16[®]for[®]Transmission[®]of[®]Electricity[®]in[®]the[®]state[®]of[®] Meghalaya.[®]

- 4. Tariff Regulations specify that the Transmission licensee shall file ARR and Tariff Petition² in²all²aspects²along²with²requisite²fee²as²specified²in²Commission's²fees,²fines²and² charges regulations on or before 30th November of the preceding year. Accordingly the² MePTCL²has²filed²the²ARR²and²Tariff²Petition²for²the²control²period²FY²2015-16²to²FY² 2017-18 on 22.12.2014.²
- 5. Regulation 21 of the Tariff Regulations, 2014 provides for giving adequate opportunities? to?all?stake?holders?and?general?public?for?making?suggestions/objections?on?the?Tariff? Petition?as?mandated?under?section?64(3)?of?the?Electricity?Act?2003.?Accordingly?the? Commission?directed?MEPTCL?ts?order?dated?2.1.15?to?publish?the?MYT?ARR?for?the? control?period?FY?16?to?18?and?Tariff?Petition?FY?2015-16?in?an?abridged?form?as?public? notice? in? news? papers? having? wide? circulation? in? the? state? inviting? suggestions/objections on the Tariff Petition.?
- 6. Accordingly MePTCL Phase published Pthe Tariff Petition In Pthe Pabridged Form Pase public notice In Parious Phase published Pthe Tariff Petition Pase Phase Phase
- 7. The Commission, Providing Proper Property of Providing Proper Providing Proper Providing Proper Providing Proper Providing Proper Providing Proper Proper Proper Proper Proper Proper Proper Property Proper P
- 8. The proposal Dof MePTCL 2 was Dalso Dalaced Defore Dthe Dstate Dadvisory 2 committee Din Dits Dimeting the Id Don 20.02.2015 Dand 2 various Daspects Dof Dthe Detition E were Discussed Dy Dthe D committee. 2 The 2 Commission D cook D the Dadvice Dof D the Dstate Dadvisory 2 committee Don 2 the D and 2 Tariff Detition D for D the D committee. 2 during the meeting of the committee. 2
- 9. The 2 Commission 2 took 2 into 2 consideration 2 the 2 facts 2 presented 2 by 2 the 2 MePTCL 2 in 2 its 2 Petition 2 and 2 subsequent 2 various 2 filings, 2 the 2 suggestions/objections 2 received 2 from 2

stakeholders, Consumer Porganizations, Cgeneral Public Pand State Advisory Committee and response of the MePTCL to those suggestions/objections.

- 10.2 The Commission taking into consideration all the facts which came up during the public hearing and meeting of the State Advisory Committee, has approved the Multiyear ARR for control period FY 2015-16 to FY 2017-18 and Transmission Tariff for FY 2015-16
- 11.2The2Commission2has2reviewed2the2directives2issued2in2the2earlier2Tariff2orders2for2 FY 2010-11 to FY 2014-15 and noted that some of the directives are compiled and some2 are2partially2attended.2The2Commission2has2dropped2the2directives2compiled2with2and2 the remaining directives are consolidated and fresh directives are added.2
- 12. This order is in six chapters as detailed below:

Chapter 1: Introduction

- Chapter² 2: Summary of ARR & Tariff petition for FY 2015-16 to FY 2017-18²
- Chapter 3: Public hearing process?
- Chapter 2 4: Commissions Approach 2
- Chapter 25: 2 Analysis 2 of 2 Multiyear 2 ARR 2 for 2 FY2 16 2 to 2 FY2 18 2 and 2 determination 2 of 2 transmission Tariff for FY 2015-16
- Chapter 6: Open Access Changes
- Chapter 7: Directives.

The Decleshould Densure Dimplementation Dof Dthe Dorder Dfrom Dthe Deffective Date Dafter issuance of a public notice, in such a font size which is clearly visible in two daily newspapers having Dwide Dcirculation Dim Dthe Dstate Dwithin Da Dweek Dand Dcompliance Dof Dthe Dsame Dshall Dbe submitted to the Commission by the MePTCL.

This Porder Bhall De Effective From Ste April, 2015 Band Bhall Pemain In Force Itil B1st March, 2016 or till the next Tariff Order of the Commission.

(Anand Kumar) (Chairman) ₪

1. Introduction

1.1 Background

The Meghalaya Power Transmission Corporation Limited (here Pafter Preferred Pto Pass) MePTCL Proventioner) Phase filed Its Petition Pone 22.12.2014 Punder Section 262 Pof Pthe Electricity Act 2003, Pread With Meghalaya State Electricity Regulatory Commission (MYT) Regulations, 2014 For Electricity Pregulatory Commission determination of Transmission Tariff for FY 2015-16. The Commission has admitted the Petition on 02.01.2015.

1.2 Meghalaya Power Transmission Corporation Limited

The Dovernment Dof Deghalaya Dunbundled Dand Drestructured Dthe Deghalaya DState Electricity Deard Distribution Environment Distribution businesses. DThe Derstwhile Deghalaya DState Electricity Board was unbundled into four successor entities, viz, Generation: Deghalaya Power Generation Corporation Ltd (MePGCL) Transmission: Deghalaya Power Transmission Corporation Ltd (MePTCL) Distribution: Meghalaya Power Distribution Corporation Ltd (MePDCL) Meghalaya Energy Corporation Limited (MeECL) a holding company.

The Sovernment I of Meghalaya I ssued I urther Inotification I on I of the September, 2013 notifying The Prevised I statement I of I assets I and I abilities I as I on I at I and I abilities I as I of I and I abilities I as I of I and I abilities I as I and I abilities I a

As
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Esaid
Enotification
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Eby
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Esaid
Enotification

Corporation
ELimited

Corporated
for undertaking
Transmission
Business.

1.3 Meghalaya State Electricity Regulatory Commission

MeghalayaEStateEElectricityERegulatoryECommissionE(hereEinEafterEreferredEtoEasE "MSERC"EorEtheECommission)EsEanEIndependentEstatutoryEbodyEconstitutedEunderE theEprovisionsEofEtheEElectricityERegulatoryECommissionE(ERC)EAct,E1998,EwhichEwasE superseded by Electricity Act (EA), 2003. The Commission is vested with the authorityE ofEregulatingEtheEpower sector inEtheEstateEnterEalia includingEdeterminationEofEtariffE for electricity consumers.E

1.4 Admission of the Petition and Public hearing process

The DMePTCL Dhas Dsubmitted Dthe Dcurrent Detition Dfor Ddetermination Dof DMultiyear Aggregate Revenue Requirement (ARR) of for Dcontrol Deriod DFY D16 Dto DFY D2012 and Determination Dof Dtariff for DFY D2015-16. DThe Dcommission Dunder took Dthe Dtechnical validation of the Petition and admitted the Petition on 02.01.2015. D

In Caccordance Ewith Section 264 20 for the Electricity PAct, 22003, 2 the Ecommission Edirected 2 the Dept CLE to 2 publish 2 the 2 application 2 in 2 abridged 2 form 2 to 2 ensure 2 public 2 participation. The public notice, inviting objections/suggestions from its stakeholders 2 on 2 the PARR Petition Efiled Eby 2 t, Ewas 2 published 2 n 2 the Efollowing 2 news 2 papers 2 on 2 the 2 dates noted against each. 2

S.No	Name of paper	Language	Date of Publication
12	The Shillong꺕imes?	English	07.01.20152
2?	U Mawphor 🛛	Khasi🛛	07.01.20152
3?	Chitylli🛛	Jaintia	07.01.20152
4?	Salantini@anera@	Garo?	07.01.20152

 The Phames Pof Pconsumers/consumer Porganisations Pthose Pfiled Ptheir Pobjections Pand P the Pobjectors Who Participated In the Public Pharing for presenting their objections are given in the Annexure II.

ABshortPhoteDonTheDmainDssuesPraisedDyPtheDbjectorsDnTheDwrittenBsubmissionsD andDalsoDnTheDpublicDearingDalongDwithDresponseDfDMePTCLDandDtheDCommissionD views on the response are briefly given in chapter-3.D

2. Summary of Multi Year ARR and Tariff Petition for control period FY 16 to FY18

2.1 Aggregate Revenue Requirement (ARR) for Control Period FY 16 to FY 18

The Deghalaya Power Distribution Company Limited (MePTCL) has bub mitted the Petition Con 22-12-2014 beeking Capproval for Aggregate Revenue Requirement for control period FY 216 be of FY 218 band Determination b for any sign of the Revenue Provent of the Providence of the Providen

SI. No	Particulars	FY2014-15 (Estimated)	FY2015-16 (Projected)	FY2016-17 (Projected)	FY2017-18 (Projected)
1?	Return on⊞quity (RoE)🛛	44.312	51.712	57.32🛛	59.252
2?	InterestIbn Loan capitalI	10.232	31.49	43.35🛛	47.352
3?	Operation and Maintenance	71.582	77.682	80.222	83.042
4?	Interest D n Working Capital	4.972	6.162	7.21?	7.882
5?	Depreciation as may be lallowed	18.722	23.70🛛	31.462	37.052
6?	Taxes on🗈ncome	-	-	-	-
7?	Annualı∎icenseı ∰eeı	0.03ව	0.03ව	0.032	0.03ව
8?	SLDC Charges 🛛	0.862	1.31?	1.662	1.862
9?	Total🗛nnual Expenditure🛛	150.702	192.092	221.242	236.46?
10?	Less: SLDC ARR	1.72ව	2.622	3.322	3.732
11?	Less: Other Income	6.242	6.24?	6.24?	6.242
	Net Annual Revenue	142.752	183.232	211.692	226.502

Table 2.1: Annual Transmission Charges

(Rs. Cr)

The applicant, humbly prays to the Hon'ble Commission to pass appropriate orders on the following:

- Approval of Business Plan for the Control Period of FY 2015-16 to FY 2017-18
- Approval
 Dof
 Interference
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 Interference
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 Approval
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 Interval
 Approval
 Interval
 In
- Approval@of@Net@ARR@amounting@to@Rs. 226.50 Cr for@FY@2017-18@as@proposed@n@this@

Petition.

- To pass such Borders, as Hon'ble Commission may deem fit and proper and necessary in view of the facts and circumstances of the case.
- ToEcondoneEanyEinadvertentEomissions,EerrorsE&EshortcomingsEandEpermitEtheE applicantEtoEadd/change/modify/alterEthisEfilingEandEmakeEfurtherEsubmissionsEasE required.E

3. Summary of Objections, Response of MePTCL and Commission's Observation

The Commission Phas Preceived Bonly Bone Bobjection Bof PARR Band Pariff Proposal Bof PMePTCL. In Paradition Bot Phase P

Byrnihat Industries Association (BIA)

BIA@has@filed@on@06.02.2015@its@objection@in@respect@of@ARR@of@MePTCL@which@are@being@ discussed below:@

NO TRUING UP APPLICATION FILED

- 1.2 BIA2has2raised2objection2that2MePTCL2has2not2filed2true2up2application2as2per2the2 requirement2of12the2regulations.2FY22015-162s2the2first2year2of12the2control2period2and2 MePTCL2bught12to2have3filed2the12ruing2up2petition12till3FY22014-152br2at2least12till3FY22013-142along2with2ts2accounts2(provisional2or2final).2While2filing2the2petition2for2ARR2and2 tariff2 for2 Financial2 Year2 2015 - 162onwards,2 MePTCL2 ought2 to2 place2 before2 the2 Commission12the2actual12financials2for3FY22014 - 152which2will12enable12the2Commission12to2 true2 up2 the2 financials2 of2 the2 year2 2014 - 152 and2 assess2 correctly2 the2 revenue2 requirements2of12the2year22015 - 162before2proceeding2to2determine2the2revenue2 requirements and tariff for the year 2015 - 16.2
- 2. As at present the actual figures / values of 2014 15 are known to MePTCL, and MePTCL should Claim The Prevenue Prequirements Dased Con The Catuals of The Previous Pyears instead Thighly Inflated, Tarbitrary, Tand Testimated Devels Tand Twith The Tesole Tobjective of unduly increasing the revenue requirements and consequent tariff to be charged from the consumers.

3.2 BIAEsubmitted 2that 2the 2consumers 2cannot 2bear 2any 2further 2increase 2in 2tariff 2and 2will 2 have 2to 2shut 2down 2if 2such 2increase 2as 2sought 2by 2MePTCL 2is 2granted. 2In 2fact, 2the 2 Commission ought to first true up the financials of MePTCL for all the previous years. 2

OBJECTIONS TO BUSINESS PLAN

- 4. BIAEsubmitted That the MePTCL Thas Inot Triver The Total State of Meghalaya. Bian State of Me
- 5.2 MePTCL in its petition has stated that it has added significant network assets in the past2 few@years@for@sustainable@growth.@However@ho@details@have@been@provided,@hor@have@the2 Petitioner@dealt@with@or@provided@the@details@of@the@benefit@that@has@accrued@to@the2 consumers@in@the@state@of@Meghalaya@on@account@of@the@capacity@addition@by@the2 Petitioner.@On@the@other@hand,@the@Petitioner@has@hot@only@sought@a@high@oss@evel@of@ 5.51%@for@the@transmission@hetwork@but@has@also@sought@continuance@of@the@same@oss2 level@for@the@MYT@period@without@any@reduction.@This@s@when@the@Petitioner@has@sought@ substantial capital expenditure, which is absurd.@
- 6. BIAEsubmittedEthatEtheEpurposeEbfEtheEbusinessEplanEtoEbeEfiledEbyEtheEPetitionerEwasEtoE enableEaEsubstantiveEplanEonEhowEtheEPetitionerEproposesEtoEconductEitsEbusiness,E ensureEgrowth,EsecureEandEdependableEsystemEandEsufficientEcapacityEtoEcaterEtoEtheE requirementsEofEtheEconsumersEnEtheEstateEofEMeghalaya.ENoneEofEtheseEdetailsEhaveE been provided by the Petitioner.E
- 7.2 MePTCLIPhasEalsoEproposedEmostEofEtheEfundingEthroughEsubsidiesEandEgrants,Ehowever2 at the same time also claiming substantial interest and finance charges, depreciation etc.2 ItEsEsubmittedEthatEtheEwell-settledEprincipleEofEregulatoryEtariffEdeterminationEsEthatE thereEtanEbeEnoEservicingEofEtheEtapitalEtostEfundedEthroughEloansEandEgrantsEncluding2 depreciation,EnterestEbnEloan,EreturnEbnEequityEtcEtanEbeEprovided.2TheEPetitionerEthasE notEevenEsoughtEtoEdistinguishEbetweenEtheEassetsEtoEbeEfundedEthroughEequityEandE loans and those through loans and grants.2
- 8. MePTCLEnas Balso Bought Balvery Enigh Bost Bof Babout ERs. 28 B Crores For Boundary Emetering Scheme, For Bwhich Eno Edetails Enaver Been Eprovided. En Efact For Bone B cheme For Enterface

metering for which the DPR is yet to be prepared, the Petitioner has claimed the cost of Providing meters, which is by no means reasonable. This is only the cost of providing meters, which is very high.

- 9.2 MePTCL2has2not2given2any2cost2benefit2analysis2of2the2future2expenditures2program,2 funding plan and the assets to be commissioned. In a regulatory setup, where only those2 costs2and2expenses3which2benefit2the2consumers2at3arge3can3be3passed3bn3n3the2tariff,2 the2 Petitioner2 has2 not2 provided2 any2 details2 of2 the2 assets2 to2 be2 planned2 and2 commissioned, the funding details and the benefit to the consumers at large.2
- 10. Finally BIA Bubmitted That The Commission Bhould Prequire MePTCL To Provide The full details of The Business Pplan, Pthe Cost Benefit Banalysis Band Bensure Preasonability Band prudence in the prospective plans.

OBJECTIONS TO THE ANNUAL REVENUE REQUIREMETNS FOR THE MYT PERIOD

GROSS FIXED ASSETS

- 11. MePTCLIshas sought for the every substantial increase in the EGross Fixed Assets by incurring a capital increase in the EGross Fixed Assets by incurring is is in ly increase in the Education of the event in the event increase in the EGross is increased in the EGross increase in the Education in the Education is increased in the Education in the Education in the Education is increased in the Education in the Education in the Education is increased in the Education in the Edu
- 12. The filings made by the Petitioner also do not clarify whether the increase in the Gross Fixed Assets is being bought after the basset commissioned for bimply based con the fact that expenditure is likely to be incurred. The Gross Fixed Assets for the composes of regulatory tariffed etermination can be can be considered considered con by after the case to can be considered con by after the case to can be considered con by a fter the case to can be considered con by a fter the case to can be considered con by a fter of the case to can be considered con by a fter of the case to can be considered con by a fter of the case to can be considered con by a fter of the case to can be considered con by a fter of the case to can be can be considered con by a fter of the case to can be can

commissioned Band Ithen Bapplying Bprudence Itake Bon Buch Bexpenditure Incurred Band Ithe Bassets commissioned.

13. BIA Bubmitted That The Commission Bhould Bhot Ballow Bany Encrease Bn Cross Fixed Assets what so ever Till Buch Time The Petitioner Provides The Edetails of The Bactual Expenditure incurred Bn The Past, The Benefits Passed Bon To The Consumers Bat Barge Band Bestablishing the Preasonableness Bof The Expenditure Encurred Band The Projections Bmade For Future expenditure to be incurred. B

RETURN ON EQUITY

14. MePTCLInasit laimed and total equity as effort the arrow of the function o

INTEREST AND FINANCE CHARGES

- 15. EvenEwithBregardEtoEtheEinterestEandEfinanceEthargesEbnEloanEtapital,EtheEPetitionerEhasE not even sought to justify or provide the details of the loans corresponding to the capitalE assetsEandEtapitalEexpenditureEncurred.EtEsEnotEthatEmerelyEbecauseEaEloanEsEtakenEbyE the Petitioner, the same is to be serviced in the form of interest and finance charges.E
- 16. The interest and finance charges is allowed only on the loans taken for capital assets and shown to have been incurred corresponding to such assets. The Petitioner has not given any such details. In fact as per the format filed by the Petitioner, the loans are shown to be Estate government and Ecentral government loans. It is in the loans to the selectore spond to and which Ecapital assets is allowed to the selector expondence and which Ecapital assets is allowed only on the loans, the end to be allowed to the selector and the interest of the selector expondence and the selector and the

and It Petitioner as loans and seek interest and finance charges on the same.

17. BIA Bubmitted Bhat Bhe Bovestment Plan Filed by Bhe Petitioner Bas Bar bart of Bhe Petition B itself Bhows Pho Boans Being Baken Band Bhe Funding Ponly By Bway Pof Bapital Bubsidies Bin B grants. There Ban Be Bho Bouestion Bof Bervicing Bhese By rants Band Bubsidies Bin Bhe Form Bof B interest Pand Bfinance Bcharges. BIAE submitted Bthat Bthere Ban Bhe Bon Bouestion Bof Bthe Petitioner Being Ballowed Binterest Band Efinance Bcharges Do Boans, Bwithout Bhe Petitioner B justifying Bhe Bource Bof Funding, Bhe Bhature Bof Bhe Boans Baken, Bhe Breayment Bachedule, B the interest rate that is applicable and the capital assets corresponding to which the Ioan B has been taken and capital expenditure incurred. B

OPERATION AND MAINTENANCE EXPENSES

- 18. BIAEsubmittedEthatEtheFilingsEmadeEbyEthePetitionerEbnEthisEaccountEsEalsoEncorrect.E Firstly, in terms of the MYT Regulations of the Hon'ble Commission, the Petitioner oughtE toEfileEtheEnormsEforED&MEexpensesEbnEtheEbasisEbfEcircuitEkilometresEbfEtransmissionE lines,EtransformationEcapacityEendEnumberEofEbaysEinEsubstationsEforEapprovalEofEtheE Hon'bleECommission.ENoEsuchEexerciseEthasEbeenEundertakenEbyEtheEPetitioner,EwhichEsE contraryEtoEtheEpetitionerEforEincreaseEinEtheEOperationEandEMaintenanceEExpenses.E Further,EevenEtheEestimatesEprovidedEbyEPetitionerEareEperverse.EWithEregardEtoEtheE employeesEcostEdetailsEprovidedEbyEtheEPetitionerEtselfEforEtheExerE 2014 – 15 at Rs. 41.58 crores with increases provided for each year. This is as against theE employeesEcostEdetailsEprovidedEbyEtheEPetitionerEtselfEforEtheEyearE2012E-E13EatERs.E 16.09 crores and for the year 2013 – 14 at Rs. 17.17 crores.E
- 19. There is no justification whatsoever provided for increasing the employees cost manifold from Rs. 17.17 crores for the year 2013 − 14 to Rs. 41.58 crore for the year 2014 − 15.
- 20. Even@with@regard@to@repair@and@maintenance@cost,@the@Petitioner@has@sought@to@claim@a@ very substantial increase.@this is particularly for the year 2015 16. As against the repair@ and@maintenance@cost@of@Rs.@3.24@crores@for@the@year@2013@-@14,@the@Petitioner@has@

sought Pro Collaim The Prepair Pand Praintenance Prost Pof Press Provide Provi

21. Even with regard to the administrative and general expenses, the increase sought by the Petitioner is phenomenal. As against the cost of Rs. 4.80 crores for the year 2012 13 as provided by The Petitioner Tiself, The Petitioner Thas To Claim Target Sought to Claim Target Sources for the year 2014 15, Rs. 26.78 crores for the year 2015 – 16 and even higher for the other years. The increased sought is about 6 times from the year 2012 – 13.

DEPRECIATION

22. The claim for depreciation made by the Petitioner is very high and is perverse. The claim? for?depreciation?s?directly?related?to?the?capital?expenditure?allowed?and?also?to?the? assets?actually?put?into?use?by?the?Petitioner.?Without?any?details?of?the?same?and? without?providing?for?the?actuals?for?the?previous?period?and?filing?a?truing?up?petition,? there is no justification for claiming any additional depreciation.?

TRANSMISSION LOSS

23. The Doss Devels Delaim Doy Determined For Distrastic Description of Descripti

MePTCL Response

NO TRUING UP APPLICATION FILED

1. MePTCLIPesponded ide its detter idated 25.02.2015 that the State Government ide its Notification adted 31.03.2012 amended the transfer schemes w.e.f. 01.04.2012. Accordingly, the laccounts for FY 2012-13 will be segregated for deach utility. The accounts of FY 2012-13 are being addited. After completion of the counts for FY 2012-13 are being addited.

MeECLEwillEundertakeEtheEprocessEbfEaccountsEforEFYE2013-14.ETherefore,EhoEtrueEupEofE FYE 2013-14E wasE submittedE alongE withE theE MYTE petition.E However,E MePTCLE hasE submittedEtheEactualEfiguresEofEexpensesEandErevenueEforEFYE2014-15EforEtheEfirstEhineE months.E

OBJECTIONS TO BUSINESS PLAN

1.2 MePTCL2submitted2that2the2application2filed2by2them2has2been2in2accordance2with2 MSERC2(Multi2Year2Tariff)2Regulations,22014.2MePTCL2submitted2that2while2making2the2 business2plan2they2have2taken2an2overall2view2on2the2future2projections2along2with2the2 estimated works to be carried out in the future. MePTCL mentioned that keeping in view2 the power scenario of the country the transmission network is required to be expanded.2 MePTCL2submitted2that2the2revised2capital2expenditure2and2ts2funding2for12the2entire2 control2period2has2already2been2submitted2to2the2Commission.2Similarly,2they2have2 mentioned12that2the2cost2of3replacement2of3metering3ncludes2the3metering3nstruments2 of the same accuracy class of the meters.2

OBJECTIONS TO THE ANNUAL REVENUE REQUIREMETNS FOR THE MYT PERIOD GROSS FIXED ASSETS

- 1.2 MePTCLaclaimed a hat BIA as Swrongly amentioned a headpening & FA at Rs. 63.67 acrores as 2 on 201.04.2013 at his 2 pertains 2 to 2 opening 2 value 2 as 2 on 201.04.2012. The 2 capitalization 2 expected aduring a heaven as a day of the 2 opening 2 value 2 as 2 on 201.04.2012. The 2 capitalization 2 and 2 hence 2 to 2 a day of the 2 opening 2 value 2 as 2 on 2 01.04.2012. The 2 capitalization 2 and 2 hence 2 to 2 added 2 nather 2 GFA. 2 The 2 proposed 2 transmission 2 hetwork 2 will 2 be 2 for 2 he 2 benefit 2 of 2 the 2 consumers 2 and 2 reduce 2 the 2 losses 2 in 2 the 2 long 2 run. 2 MePTCL 2 further 2 submitted a hat an crease an & GFA as a based a based a projected a spected 2 completion 2 of 2 hor 2 he 2 particular 2 year. 2 The 2 capital 2 spenditure 2 projected 2 s 2 for a heap urpose a faretwork 2 augumentation 2 and 3 ystem & trengthening 2 which 2 will 2 not 2 urple 2 beneficial to the consumer. Any change in the assets addition can be trued up in future. 2
- 2. The projections made for capital expenditure shall be taken in the up coming years to avoid overloading of the network. MePTCL submitted that projected capital expenditure should not be linked to the capital expenditure carried out in previous year.

RETURN ON EQUITY

1. MePTCLEsubmittedEthatEtheEactualEbaseEandEequityEadditionEprojectedEforEtheEentireE controlEperiodEisEinElineEwithEtariffEregulations.EMePTCLEhasEconsideredEeitherEactualE equityEorEB0%EofEtheEactualEcostEwhicheverEisElowerEandEprojectedEreturnEonEequity.E MePTCLEhasEalsoEnotEconsideredEfundingEfromEgrantEorEconsumersEcontributionEforE projection return on equity.E

INTEREST ON LOAN

- 2.2 MePTCL has provided the funding system for the entire control period in the investment2 plant2formats.2The2interest2on2loan2projected2by2MePTCL2is2on2the2basis2of2funding2 pattern2and2the2loans2to2be2drawn2from2different2financial2institutions.2MePTCL2has2 claimed2servicing2of2such2loans2to2be2drawn2n2future.2MePTCL2has2submitted1that2the2 interest2rate2considered2for2loan2is2based2on2actual2interest2on2that2particular2loan.2 MePTCL2further2submitted1that2revised2formats2which2includes2loan2wise2schedule2of2 drawal and repayment for each year.2
- 3.2 The2nterest2rate2considered2for2central2government2loans2for2FY22012-132Is2based2on2 actual2nterest2paid2during2previous2years.2The2repayment3Is2not2considered2during2the2 control period since there is a moratorium period of three years. While claiming interest2 they have followed the regulations.2

O & M EXPENSES

- 4. MePTCLEsubmitted that for proposing norms for OE& Mexpenses certain Information like circuit kms, transformation capacity, number of base, to be capacity to be capacity of the context of the context
- 5. MePTCLInas Submitted Intal due to typographical Perror the Acost of Teave Pencashment In The Penployees Cost Ishall be Prevised Pfrom Provided the revised employees cost as Rs. 19.07 crores.
- 6. RE& Mexpenditure Sprojected Bon Thigher Bide Bas Brompared Bto FY 2013-14 Band FY 2014-15 Edue Bto Badditional Bone Btime Biability Bof Bextensive Brepair Bof Btransmission Bines Bwhich B

were Badly Bamaged Bdue Bo Floods In Baro Hills In FY 2014-15. The Bestimated Bost For repairs due to flood is Rs.2.71 crores.

DEPRECIATION

- 8. Depreciation calculation is done as per the regulations for the entire control period. The asset wise depreciation rates has already been given in the formats of the petition.
- 9. The Dessets Dregisters Declared Decl

TRANSMISSION LOSSES

10. MePTCLEsubmittedEthatEbasedEonEtheEnternalEauditEconductedEbyEenergyEmanagementE cellEtheEaverageEtransmissionElossesEforEtheEperiodENovemberE2013EtoEOctoberE2014E haveEbeenEdeterminedEatEtheErateEofE5.1%.EMePTCLEfurtherEsubmittedEthatEafterE implementationE ofE capitalE expenditureE forE metering,E networkE augumentationE andE systemEstrengtheningEtheyEwillEbeEinEpositionEtoEdetermineEtheEexactElosses.EFinallyE MePTCLEhas requested theEcommissionEtoEallowEtheEcostEas submitted inEtheEpetitionEasE it is legitimate.E

Advisory Committee meeting

11. The Commission Thas Talso To consulted The The The Commission Texplained The The Commission Texplained The The Total The Commission Texplained The Total Total The Total T

power availability and the State, abusiness aplan for inext a three avers, status ab fanvestments a infahe State and commissioning the projects. The Chairman has shown this concern on a the present are a consumers. It are a the average of a consumer should and the aneeting a that the control and the descent of accounts after 2011-12 are still an audited and the bonly accounts a the moment is for FY 2011-12.

- 12. The Chairman invited suggestions from the participants on the ARR. Members of the advisory advisor
- 13. Members Thave Type is the transformed to the theory of theory of the theory of theory of the theory of theory of theory of theory of theory of theory of

PUBLIC HEARING

14. The 2 Commission 2 held 2 public 2 hearing 2 on 209.03.2015 2 after 2 giving 2 prior 2 notices 2 in 2 the 2 newspapers. 2 During 2 the 2 hearing 2 the 2 Commission 2 explained 2 the 2 salient 2 features 2 of 2 the 2 MYT and 3 elated 3 sues to 3 t. The 3 Commission 3 has 3 hown 3 his concerned that 3 the audited 2 records 2 are 3 equired 3 to 3 be 3 iled 3 or 2 validations 3 of 3 he 3 evenue 3 hown 3 hearing 3 the 3 hearing 3 hea

period. During the hearing MeECL the holding company submitted that the accounts for FY 2012-13 Pare completed Pand The State Government Son The Process of Publishing State transfer Schemes for Begregated Pentities Very Boon. The Commission Prequired MeECL To submit the status of accounts and its audit including the Government Notification in this regard within a week's time.

- 15. During the hearing, Byrnihat Industries Association, has raised numbers of objections and the ARR of transmission. BIA objected to non filing of truing up petition for the period up? to 2013-14. They Expressed Ethat Ewithout Etruing Eup E of Eprevious Eyear EtEwould Enot to be early to easonable to decide the ARR of MYT as per Commission's regulations. BIA objected and a required Ethe Edetails E of Eprojections E of Ead ditional Ecapital Expenditures Ein Ethe E control period E and E control period, they required the cost benefit analysis of additional assets to be added in the transmission E ystem. E IAE objected to allow the Edepreciation E of Egrand E and E control period E and E and E control E portion E of E and E
- 16. BIATaised Table 2012 and 2
- 17. MePTCLTexplained to the Commission that they that they that they that they there are the commission to the commission. The commission of the commission. The commission of the commission of

- 18. On Popen Paccess Pcharges, PBIA Praised Pobjection Pwith Pregard Pto Pcross Psubsidy Psurcharges and its computation is required to be done as per National Tariff Policy formula. MePTCL requested Pathe Pcommission Pto Praintain Pthe Pcross Psubsidy Psurcharges Psurges Psubsidy Psurges Psubsidy Psurges Psubsidy Psurges Psurges Psubsidy Psurges Ps
- 19. BIAEalsoEopposedEthelevelEofEtransmissionElossesEprojectedEnEtheEARRE@EofE5.5%EandE

 requestedEtheECommissionEthatEtEshouldEbeEbasedEbnEactualElossesEnEtheEtransmissionE

 network.E
- 20. MePTCLTexplainedThatTheTossesTareTbasedTonTheTenergyTaccountingTakenTromTheT differenceTofTinputTenergyTandToutputTenergyTfromTtheTtransmissionTsubstationTtoT distribution system.
- 21. BIA Buggested B hat B here B hould be B ransmission B charges B o B e B charged B on B he B basis B of B actual B transaction B and B not B on B the B basis B of B capacity. B The B Chairman B explained B the B provision B of B regulations B that B charges B of B open B access B hould B be B recovered B as B per B the B regulations B on B capacity, B scheduling B or B actual B transaction B which ever B is B higher. B The B Commission B required B the B licensee B to B recover B the B dues B as B per B the B Commission's B regulations and charges as may be fixed from time to time. B
- 22. MePTCLEInEtsEreplyEdatedE16.03.2015EhasEfurnishedErevisedEformatEforEinterestEcost.E MePTCL submitted that GFA furnished during FY 2013-14 are not in conformity with dataE furnishedEinEFormat-17EdueEtoEtheEinclusionEofEAssetsEdirectlyEobtainedEbyErespectiveE Divisions in Table-13 as well as CWIP converted to Fixed Assets. Whereas in Format-17, itE does not include the assets obtained by Divisions but only the capitalized Capital Work inE Progress.EAsEfarEasEemployeesEcost,EtheEBoardEofEDirectors,EMeECLEhave,EnEtsEneetingE onE28th April,E2014Eresolved to constituteEaEPayECommitteeEforERevisionEofEPayEeffectiveE from 1st January 2015. As the matter is still under process, the Report shall be furnishedE whenEfinalized.ETheEprojectionEsEbasedEonElastEtwoEpayErevisionsEandEnputsEreceivedE fromEtheEpayEcommittee.EDetailsEofEloansEandEtheirEnterestErateEtakenEduringE2011-12,E has been submitted to the Commission for FY 2012-13 and 2013-14.E

COMMISSION OBSERVATIONS

23. The Commission@has considered objections@and suggestions raised by@consumers and@ members of advisory committee by deciding the ARR and transmission tariff for FY 2015-16.@In@principles@the@Commission@has@agreed@to@the@objections@of@the@consumers@ regarding@excessive@osses,@timely@audit@of@accounts,@complete@energy@audit@and@fixing@ normative@D@&@M@expenses.@Accordingly,@these@ssues@raised@by@the@consumers@and@the@ members@bf@the@advisory@committee@are@dealt@with@at@appropriate@places@n@the@present@ order.@

4. Commissions' Approach

This Chapter shall deal with the approach adopted by the Commission while determining the transmission@tariff@for@the@State@of@Meghalaya@for@the@year@2015-16.@The@Commission@has@ notified IMSERCE (Multil/earITariff) IRegulations I2014 IDn I25.09.2014. IThese Iregulations Iare I applicable@or@determination@bf@ariff@rom@1.04.2015.@hese@egulations@shall@be@applicable@ to 2 generating 2 company 2 MePGCL, 2 transmission 2 licensee 2 MePTCL 2 (including 2 SLDC) 2 and 2 distribution@licensee@MePDCL.@The@truing@up@of@previous@year@prior@to@the@period@of@ notification@of@these@regulations@shall@be@governed@by@MSERC@(Terms@and@Conditions@for@ Determination Bof Pariff) Regulations, 2011. The Commission Pastried To Badhere To Ets MYT 2 Regulation@or@determination@bf@ARR@or@the@control@period@and@the@tariff@or@FY@2015-16.@ WhileEdecidingEtheEARR,EtheECommissionEhasEalsoEkeptEinEmindEtheEprovisionsEgivenEinE National@Tariff@Policy@and@Electricity@Act@2003.@The@Commission@has@also@tried@to@make@a@ Balance between the interest of users of transmission system and transmission utility. In the future power sector in the State and in the North Eastern Region is growing and therefore it would be 2 reasonable 2 to 2 consider 2 the 2 action 2 plan 2 for 2 next 2 three 2 years. 2 However, 2 while 2 deciding@the@ARR@in@the@control@period@the@Commission@s@careful@to@allow@such@projects@ which @are @either Initiated, @started @br @sanctioned @through @some @schemes. It Is & being @done In @ orderaoprotectatheanterestabfacommonamen.aheacommissionas also concernedathat therea is@no@power@interruption@because@of@fault@in@transmission@system@or@due@to@capacity@ constraints. 2123 Preported 2021 he Commission 2 hat 2 he Balance & heet for 2 he MeECL for 2 Y2 2012-13 25 Eunder 22 udit 22 nd 22 herefore 22 herefor has?not?been?ready.?Validation?of?expenses?could?not?be?done?in?the?absence?of?audited? records 2 of 2 transmission 2 utility. 2 However, 2 Commission 2 has 2 carefully 2 examined 2 the 2 actual 2 expenses and revenue of the transmission utility. Accordingly, the Commission has validated the BARR Bon The Basis Bof Bactual Bexpenditure For Eurrent Eyear BO14-15 For The Bhine Bmonths. B The 2 Commission B hall 2 validate B ll 2 expenses B and 2 evenue 2 ecords B at 2 he 2 ime 2 of 2 hext 2 ariff 2 revision@and@truing@up@exercise.@In@this@chapter,@the@Commission@is@dealing@with@the@ regulations
Pprescribed
In
MSERC
MYT
Regulations
2014.
The
Regulations
prescribes
the following:2

General Guiding Principles

The multiyear ariff shall be based bon the following between the formation of the formation

- (a) Business plan for the control period.
- (b) Forecasted ARR for the entire control period.
- (c) Truing up of previous years.

In Daccordance Dwith Dregulations Dthe Dgenerating Dcompany Dand Dlicensees Dhave Dfiled Dtheir petitions for approval of business plan for the entire control period and tariff for the ensuing year.

Business Plan

As Eper Bregulation B, Eal III utilities Eshall En ave Bro Efile Balbusiness Eplan For B the B control Eperiod Eofie three Financial Eyears Estarting From EO1.04.2015 Bro B 1.03.2018. The Bregulation Eprovides B that B the Blicensee Eshall Efile Ecategory Ewise Esale, Edemand Eprojection, Epower Eprocurement Eplan, B capital Envestment Eplans, Efinancing Eplan Eand Efiscal Etargets. B t Es Ealso Brequired Ethat Ecapital E investment plan shall show separately ongoing projects that will spilled over into the control E period Band Enew Eprojects I along Ewith justifications) Ethat will commence En Ethe Econtrol Eperiod E but Emay Ebe Ecompleted Ewithin Eor Ebey ond Ethe Econtrol Eperiod. B n Eaccordance Ewith B regulation E the Ecommission Eshall Econly Econsider Ethose Einvestment Eplans Ewhich Ewill Ebe Eprovided Ewith B relevant technical and commercial details. E

In Eaccordance Ewith Ethe Pregulations Ethe Dicensees Eand Ethe Egenerating Ecompany Ehave Efiled E business plans for FY 2015-16 up to FY 2017-18 projecting various existing and new projects. E They Ehave Ealso Efiled Ethe Ecapital Eexpenditure Eto Ebe Espent Eon Ethese Eprojects Ein Ethe Eentire E control Eperiod. En Eaccordance Ewith Ethe Pregulation Ethe Ecommission Ethas Etaken Ethe Ematter Eof E capital Eexpenditure Eon Ethe Eongoing Eprojects Eand Efor Ethe Enew Eprojects Eseparately. En Ethe E absence Eof Etaudited Eaccounts Eof EFY E2012-13 Eand Eonwards Eand Edetailed Eproject Ereports, Ets E financial Etie Eups E and E approval E from Ethe E appropriate E authorities, E the E Commission E is E considering@only@those@investment@plans@which@have@already@started@up@to@the@period@FY@ 2014-15.@

Power Purchase

The regulation provides that distribution licensee shall project the power purchase requirement based on the merit order dispatch principles, RPO requirement under the regulations and DSM measures. The Commission in Caccordance with the regulation is considering the power purchase depending on the base allowing the power station subject to control period in accordance with the RPO regulation subject of the period in accordance with RPO regulation 2015.

Specific Trajectory

Regulation 2102 provides 2 that 2 the 2 committee 2 shall 2 stipulate 2 a 2 trajectory 2 for 2 the 2 variables 2 which 2 shall 2 include 2 O 2 & 2 M 2 expenses, 2 plant 2 oad 2 factor, 2 distribution 2 osses 2 and 2 collection 2 efficiency. In 2 a cordance 2 with 3 regulation 2 the 2 commission 3 s 2 considering 2 o 3 set 3 rajectory 2 for 2 entire 2 control 2 period 2 on 2 distribution 2 losses, 2 transmission 2 losses, 2 collection 2 efficiency, 2 availability factor in the tariff order. 2

Truing Up

- Allcomparison PofPaudited Pperformance PofPthe Papplicant PforPthe Pprevious Pfinancial Pyear with Pthe Papproved Pforecast Pfor Psuch Pyear Psubject Pto Pprudence Pcheck Pincluding Ppast through of impact of uncontrol Paper Pactors.
- Review of compliance of directives issued by the Commission from time to time.
- Any other relevant factors.

The Dicensee Das Filed Their True Dp Ppetition For PY 2011-12 with The Daccounts Daudited Dy 3 statutory auditor appointed by C&AG. However, the certificate from C&AG on the statement of Control State of the Dicensee. The Commission Discoordingly Dellowing The True Dup Dof PY 2011-12 Dubject Do Dinalisation/corrections Dof Dthe Disame, Dif Drequired Dso, Dafter Preceiving the audit report of C&AG.

Financial Principles

Capital Cost and Capital Structure

The <a>Reprint and Reprint The Reprint subject To Prudence The Acts. The Tost Tof The Project should The Teasonable Table The Project Should The Teasonable Te technology and any delay in execution of the project causing cost and time overrun may not? be@approved@by@the@Commission.@Similarly,@the@assets@hot@put@to@use@shall@be@excluded@from@ the 2 apital 2 cost 2 apital 2 cost 2 apital 2 cost 2 bit and 2 apital 2 cost 2 bit apital 2 cost shall@not@nclude any@assets which@have@treated from any@grant@received from@either Central@ or Estate Government Ewhich Edoes Enot Ecarry Eany Eliability Eof Erepayment Efor Ethe Epurpose Eof E computation<a>bfBn<a>brestBn<a>brestBn<a>brestBn<a>brestBn<a>brestBn<a>brestBn<a>brestBn<a>brestN<a>bn<a>brestN<a>bn<a>bn<a>bsN<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>bn<a>b< regulation@the@Commission@has@allowed@the@return@on@equity@on@the@projects@which@are@ completed 2and 2do 2not 2carry 2assets 2created 2 rom 2 grants 2 where 2 ho 2 repayment 2 iability 2 exists. 2 The Commission Chas Calso Considered Cheasures Cwhich Care Checkson Chaster Considered Checkson Checks while allowing return on it. The investment made prior to and up to 31st March immediately? preceding The Edate Bof The Enotification Bof These Tregulations Schall Be Econsidered Bon The Ebasis T of audited accounts or approvals already granted by the Commission. In this proceeding the Commission Bhas Ballowed Bhe Bopening Balues Bof Bhe Bassets Base Per Bhe Bransfer Bchemes Band B allowed addition of assets for projects which has already taken up to 2014-15 after verifying? the Bstatus Bof Projects Bas Pper The Information Brade Bavailable Bo The Commission. However, B the 2 Commission 2 shall 2 make 2 suitable 2 corrections 2 as 2 per 2 the 2 audited 2 records 2 as 2 and 2 when 2 submitted.2

Additional Capitalization

Debt Equity Ratio

Regulation2272 provides2 for2 debt2 equity2 ratio2 for2 projects2 which2 are2 declared2 under2 commercial
Commercial

Commer berconsidered Bas Barbart Bof Rapital Btructure Band Bequity Bhould Bberdetermined Baccordingly. 2 ratioInItheItaseIbfIexisting,IbngoingIasIwellIasInewIprojectsItommencingIafterItheItateIbfI notification for these regulations is hall be 170:30. Where requity remployed is more than 180%, 2 of the trapital to state amount of equity for the purpose of training hall be limited to 30% and 2 the Balance Bhall be Breated Bas Boan. BW here Bactual Beguity Bemployed Bs Bess B than B0%, Bof B the B capital@cost@the@actual@equity@employed@shall@be@considered.@ The@Commission@may,@in@ appropriate@case,@consider@equity@higher@than@30%@for@the@purpose@of@determination@of@ tariff, ??where ??the ??transmission ??licensee ??is?able ??to ??establish ??to ??the ??satisfaction ??of ??the Commission@that@deployment@bf@quity@more@than@0%@s@n@the@nterest@bf@general@public.@ The 2 debt 2 and 2 equity 2 amounts 2 arrived 2 at 2 in 2 accordance 2 with 2 regulations 2 shall 2 be 2 used 2 for 2 calculating interest ion ioan iand ireturn ion iequity. In Ithe iabsence iof iaudited iaccounts if or I separate entity@it@would@not@be@prudent@to@accept@the@size@of@the@equity@as@claimed.@ Therefore, The Commission Thas I considered The Bame Treturn Bon Dequity Das Ballowed To De CLI in 2 previous 2 year 2 as 2 a 2 a single 2 entity 2 to 2 be 2 distributed 2 uniformly 2 in 2 three 2 corporations 2 i.e. 2 Generation, Transmission and Distribution. The Commission has also taken a view that after segregation@of@MeECL,@there@are@no@independent@financial@transactions@and@there@is@ apparently@no@change@n@the@functioning@of@these@Corporations@as@an@independent@entity.@ However, Cafter I in a lisation Cof the Cocounts In Dieu Cof transfer Scheme The Commission Swill take a view for determining the legitimate entitlement of return on equity.

Return on Equity:

Regulation 2 prescribes 2 that 2 Return 2 on 2 equity 2 shall 2 be2 computed 2 on 2 the2 equity 2 base 2 determined an 2 accordance 2 with 2 Regulation 2 1 2 and 3 hall 2 hot 2 exceed 2 4 2%. Provided 2 hat 2 n 2 case 2 of 2 projects 2 commissioned 2 on 2 or 2 after 2 - 4-2010, 2 an 2 additional 2 et urn 2 of 2 O. 5 2% 2 shall 2 be2 allowed if such projects 2 are2 completed 2 within 2 the 2 time 2 line 2 specified 2 in 2 Appendix 2 --- II 2 of 2 CERC2 (Terms 2 and Conditions of Tariff) Regulations, 2009 (Refer Annexure-2) 2

- i. Provided That That The Control of The Control of
- ii. Provided That Pequity invested In PaPforeign Currency may DePallowed PaPreturn Pup Pto Pthe prescribed imit In Pthe Bame Currency Pand Pthe Ppayment Pon Pthis Paccount Pshall DePade In Indian Rupees based on the exchange rate prevailing on the due date of billing.

The equity amount appearing in the Balance Sheet as per Transfer scheme notification will be considered for the purpose of considering the return for the first year of operation.

The transfer scheme dated 31.03.2012 provides amendment to the original transfer scheme? dated 2010 wherein it is mentioned that all assets and liabilities shall stand transferred from? MeECL?to?MePTCL?w.e.f.?D1.04.2012.?However,?the?transfer?value?of?assets?and?iabilities? shall be derived from the duly audited accounts of MePTCL and MeECL for the financial year? 2011-12.?Accordingly,?at?this? stage? when? there? is? no? separate? account? for? MeECL/MePTCL.?In? the? absence? of? audited?accounts,?the?Commission?is?unable?to? recognise?the?equity?as?projected?in?the?petition.?Therefore,?the? Commission?is? allowing? the? same? return? as? allowed? last? year? equally? to? each? company?segregated?but?of? MeECL subject to correction if any required at the time of audited results.?

Interest and Finance Charges On Loan Capital

Regulation 32 provides that interest shall be computed on the outstanding loans after taking? into account the schedule of doan repayment, terms and aconditions of doan regerement and lending rates as defined therein. The regulation provides that no interest on finance charges? shall? be? allowed? on the projects? which? are? not? completed.? The? Commission? has? in? accordance? with? regulation? provided? for? repayment? of 2 loans? for? the? projects? which? are? commissioned.@As@done@n@he@previous@year@he@commission@has@hot@allowed@he@nterest@ towards@ Government@ loans@ as@ per@ the@ proposal.@ The@ interest@ and@ finance@ charges@ attributable@to@Capital@Work@n@Progress@shall@be@excluded.@The@transmission@icensee@shall@ make@very@effort@to@swap@toans@as@tog@as@t@results@n@he@tenefit@to@the@teneficiaries.@The@ costs associated@with@such swapping@shall@te@torne@by@the@teneficiaries.@The@thanges@to@the@ loan@terms@and@conditions@shall@te@reflected@from@the@date@of@such@swapping@and@tenefit@ shared@tetween@the@teneficiaries@and@the@icensee@in@a@ratio@50:50.@MePTCL@has@claimed@ normative interest for loan capital in FY 2015-16 and the control period for transmission and@ SLDC.@Since@the@Regulation@provides@the@interest@charges@for@outstanding@loans,@the@ commission@has@considered@repayment@of@toans@to@the@extent@f@depreciation@allowed@and@ the@nterest@nas@tene@vorked@to@cordingly.@However,@MePTCL@s@ree@to@ile@the@petition@ for claiming the interest on loan actually availed in the control period. The Commission shall@ consider the same at the time of next filing or truing up.@

Depreciation

Regulation 232 prescribes that Depreciation expenses for the purpose of tariff determination, depreciation shall be computed in the following manner:

(a) The basset value for the purpose of the preciation shall be the cost of the bassets as a dmitted by the Commission where:

- (b) For Inew Passets, Pthe Papproved/accepted Pcost For Pthe Passet Evalue Pshall Include Foreign Currency Funding Pconverted Pto Pequivalent Prupe Pat Pthe Pexchange Prate Prevalent Pon Pthe date Pof Pforeign Pcurrency Pactually Pavailed Pot Pot Pater Pthan Pthe Pdate Pof Pcommercial Operation. P
- (c) Depreciation Shall be calculated annually as per straight-line at the rates specified in 2282

Appendix2–2112 of 2 CERC2 (Terms2 and 2 Conditions2 of 2 Tariff)2 Regulations2 20092 (Refer 2 Annexure-II)2of 2 these 2 regulations: 2 Provided 2 that 2 and 3 s2 hot 2 a 20092 (Refer 2 cost 2 shall 2 be 2 excluded 2 from 2 the 2 cost 2 while 2 computing 2 the 2 cost 2 of 2 the 2 asset. 2 the 2 always e 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 asset 2 hall 2 be 2 value 2 of 2 the 2 hall 2 be 2 value 2 of 2 the 2 hall 2 be 2 value 2 of 2 the 2 hall 2 be 2 hall 2

The Commission Thas I tried To I work Pout I the Passets Pin Puse Pon The Dasis Pof Precords submitted by The Dicensee Cand Callowed Depreciation Don The Completed Cassets Bonly. This Pshould Deckept Pin Paceparate Preserve Pfor Pmeeting Pfuture Pcommitments Pand Pto Dep validated at the time of truing up. P

Interest on Working Capital

Regulation 2342 provides 2 calculation 2 of 2 interest 2 on 2 working 2 capital 2 for 2 generation, 2 transmission 2 and 2 distribution 3 eparately. For 2 ransmission 2 icensee 2 he 2 working 2 capital 2 hall 2 cover 2 O 2 & 2 M 2 expenses 2 for 2 one 2 month, 2 maintenance 2 spare 2 @ 21 % 2 of 2 historical 2 cost 2 and 2 receivable 2 equivalent 2 of 2 two 2 months 2 of 2 transmission 2 charges. 2 The 2 rate 2 of 2 interest 2 on 2 working 2 capital 3 hall 2 be 3 B 2 dvanced 3 at 2 as 3 on 3 0 1.04.2014. 2 he 3 commission 2 has 3 followed 2 the regulations. 2

Operation and Maintenance Cost:

Regulation 69 prescribes a methodology of calculating O & M expenses which shall comprise of the following components:

- (a) Employee Cost
- (b) Repairs and Maintenance?
- (c) Administration and General Expenses.

Regulation
prescribes
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The Commission shall verify the budget estimates and projections and allow the expenditure depending on its views about the reasonableness of the projections. Increase in the commission within the expenditure depending on its views about the reasonableness of the projections. Increase of the comparison of the comparison of the comparison of the comparison of the commission. In the comparison of the commission of the commis

Income Tax

Regulation 2352 prescribes 2 that 2 ncome 2 Tax 2 on 2 the 2 Licensed 2 business 2 of 2 the 2 Transmission 2 Licensee shall 2 be 2 treated as expense and 2 shall 2 be 2 recoverable from 2 consumers through 2 tariff. 2 However, 2 ax 2 on 2 any 2 ncome 2 other 2 than 2 that 2 of 2 ts 2 Licensed 2 business 2 shall 2 hot 2 be 2 a 2 pass 2 through, 2 and 2 te shall 2 be 2 payable 2 by 2 the 2 Transmission 2 Licensee 2 ts elf. 2 The 2 ncome 2 tax 2 actually 2 payable 2 or 2 paid 2 that 2 be 2 a 2 by 2 the 2 Transmission 2 Licensee 2 ts elf. 2 The 2 ncome 2 tax 2 of 2 ax 2 on 2 ncome 2 that 2 be 2 a 2 by 2 the 2 Transmission 2 Licensee 2 ts elf. 2 The 2 ncome 2 the 2 ncome

Calculation of ARR:

 Regulation
 B65
 prescribes
 Ethat
 Aggregate
 Revenue
 Requirement
 Shall
 comprise
 of
 Ethat
 Image: Shall
 Image: Shall

- (a) Return on Equity as may be allowed 2
- (b) Interest on Loan capital?
- (c) Operation and Maintenance expenses?
- (d) Interest on Working Capital?
- (e) Depreciation as may be allowed?
- (f) Taxes on Income?
- (g) Annual License Fee?

The Inet I annual I revenue I requirement I of I a I transmission I icensee I shall be worked I out I by adjusting the following in the annual revenue requirement computed under the regulations: 30I

a. Income from surcharge and additional surcharge from open access consumers if any, 🛛

b. Transmission and / or wheeling charges recovered from open access customers, if any

c. Authorized portion of Income / Revenue from other business engaged in by the Licensee¹ for optimum utilization of assets, if any.²

Norms of Operation:

RegulationImage: The DescribesImage: The

(a) PAuxiliary Energy Consumption in the Sub-Station.

The 2cost 2of 2auxiliary 2consumption 2 n 2 the 2sub-station 2 for 2 the 2purpose 2of 2air-conditioning, lighting, 2and 12 consumption 2 n 2b ther 3equipment 3chall 2 be 2b or ne 2by 2 the 2 transmission 2 icensee and 12 considered 2as 2 part 3of 20 peration 2 and 2 Maintenance 3expenses 2 under 2 the 2 head 3G eneral and Administration Overhead.

(b) Target Availability of the Transmission System for recovery of full transmission charges. The INormative IAnnual Transmission IAvailability Factor (NATAF) Infahe Transmission System shall be 98%. The Commission has allowed 98% as availability of transmission line.

Payment of transmission charges by customers

Regulation prescribes that a transmission licensee shall be allowed to recover his net annual revenue requirement for financial year through transmission charges as one or combination of the following charges:

- a. Transmission charges which may consist of a fixed charge, demand charge and an energy charge or a combination of these;
- b. Connectivity Charge, Swhich Shall be Sevied To The Scott of Connecting The Eustomer to the licensee's transmission system;
- c. Parallel operation charge shall be levied for Captive Power Plant if the plant is connected with the grid.
- (2) Transmission charges shall be calculated on a monthly basis.

(3) Transmission Charges Chall be recovered from distribution licensees and open access customers.

The Commission has allowed recovery of annual transmission charges from single distribution distribution the state in 2015-16. The charges to be add for dise differences of the system by open access consumers shall be determined for 2015-16.

Transmission losses

Regulation Bays that the Commission shall fix the norm for transmission Bosses based on the B loss reduction plan provided by the licensee. The Commission shall make a periodical review B of the Breduction Baransmission Bosses Bavith Breference Bothe Brorms Fixed By Bt. B In the Base B of the Breduction Baransmission Bosses Bavith Breference Bothe Brorms Fixed By Bt. B In the Base B of Bailure Bothe Barget For Boss Breduction, The BCommission Bavill Brot Ballow Bhe Baxcess B over the norm as a pass through. Only Transmission Losses fixed as provided for in clause (1) B above Bshall Boe Bebited Bto Benergy Baccount Bof Bacustomers Bof Bathe Bransmission By stem. B The B Commission B find B difficulty Bin Ballowing B transmission Blosses B without Benergy Baudit B at Ball interconnecting Bpoints Banantra-state Bransmission Bines. B The B transmission Bosses B at B north B east B grid B are B more B or B less Base Ballowed B last By ear. B Accordingly, B he B Commission B set B allowing B transmission B loss B Ballowed B as B as B allowing B transmission B bases B at B low ed B as B Ballowed B as B as B allowed B as B B as B B as B B B B as B

Open access charges

The Commission Phase determined The Popen Paccess Pase per Commission Pregulations for Popen Paccess for FY 2015-16. The Tharges for Popen access Pace details and no open access shall be permitted for defaulters. Page 19

5. Aggregate Revenue Requirement (ARR) for the control period FY 2015-16 to 2017-18 and determination of Tariff for FY 2015-16

5.1 Methodology for ARR of FY 2015-16 to FY 2017-18

InEaccordanceEwithEtheEprovisionsEbfEtheEMYTERegulations,E2014,EMePTCLESubmittedE theEARREforEcontrolEperiodEFYE2015-16EtoEFYE2017-18EbasedEonErestructuredE segregatedEprovisionalEaccountsEandEtheEtransferEschemeEamendedEfromEtimeEtoE time.EMePTCLESubmitsEthat,ErransmissionEserviceEAgreementE(TSA)EforEtransmissionE ofEpowerEtoEMePDCLEthasEbeenEexecutedEbnE08thEAugust'13EandEpowerEunderETSAESE beingEsuppliedEonEcostEplusEbasis.ETherefore,EMePTCLESubmitsEthatEtheEtariffEforE MePTCL be determined on cost plus basis.ESLDC is a Strategic Business Unit (SBU) ofE MePTCLEandEdoesEnotEmaintainEseparateEaccounts.EThereforeEallEassets,Eliabilities,E expendituresEetc.EbfESLDCEareFeflectedEnEtheEtariffEforEMePTCL.EHowever,ESLDCE beingEanEindependentlyEfunctioningEentityEfiledEforEseparateEARREandEtariffEinE accordance with the provisions of MSERC regulations and provisions of Electricity ActE 2003.ETherefore,EinEorderEtoEarriveEatEtheEtariffEforEMePTCL,EtheEARREofESLDCEisE deducted from total projected costs of MePTCL.E

For 2computation 2of 2the 2Annual 2Revenue 2Requirement, 2Annual 2Fixed 2Cost 2for 2the 2 transmission 3 system 3 heeds 2 to 2 be 2: alculated. 2The 3 revenues 3 rom 3 other 3 ources 3 uch 2 as 2 surcharge 3 rom 2 open 2 access 2 consumers, 2 wheeling 2 charges 2 and 2 other 3 authorized 2 income 2 are 2 required 2 to 2 be 2 adjusted 2 in 2 the 2 ARR. 2 MePTCL 2 has 2 submitted 2 the 2 ARR 2 petition 2 under 2 section 26 2 2 of 2 the 2 Act 2 and 2 Section 26 5 2 of 2 MYT 2 Regulations, 2 2 0 1 4 2 for 2 control period of FY 2015-16 to FY 2017-18.2

5.2 ARR for Control Period of FY 2015-16 to FY 2017-18

Pursuant to Meghalaya Power Sector Reforms Transfer Scheme 2010 (as amended in 2012), The Assets And Liabilities Including Pights, Pobligations And Contingencies Pare transferred To Band Vested In MePTCL from MeECLEW.e. f 1.4.2012. Transfer Of Assets and ELiabilities Eto EMePTCLE is Ebased Eon Ethe Eprovisional EAccounts Eof EMeECLE for EFYE 2011-12. The Esegregated Eannual Eaccounts Epost Prestructuring Eand Eunbundling For EFYE 2012-13 are 2 being E finalized. E The Eaccounts E for E the E holding E company E and E its E subsidiaries have been segregated by appropriating the Assets, Properties, Liabilities, E Expenditures, Eand EO bligations Etc. Eas Eattributable Eto Ethe Prespective Ecompanies. The E Assets E and E liabilities of E individual E functions E i.e E Generation, E Transmission E and E Distribution E were E maintained E by E erstwhile E MeSEBE and E later E MeECL, E and E appropriation Eof Ecommon Etems Eto Prespective Ecompanies E sebeing Edone E by Etaking E relevant basis/ methodology. E

5.3 Transmission Network details

MePTCLPhasPattotalPtransmissionPhetworkPofP226PCircuitPKilometersPatP220PKVPevelP andP 991P CircuitP KilometersP atP 132P KVP voltageP level.P RecentlyP MePTCLP hasP commissionedP Misa-KillingP 400P kVP doubleP circuitP lineP andP SingleP CircuitP Agia- Nagalbibra line. The detail of the network is provided in Table below:P

 Table 5.1: Details of Transmission Lines

Transmission Line	Single Circuit		Double Circuit		
	No	Circuit KM	No	Circuit KM	
400 KV	-	-	1?	4.22?	
220 KV	-	-	1?	226.822	
132 KV?	38?	593.212	192	397.612	

Further MePTCL has given the details of substations and capacity which are reproduced in the Table Below:

Table 5.2: Details of Sub-stations

Sub stations ²	No?	Capacity (MVA)?
400/220 3 KV₽	1?	6302
220/1323KV2	3?	5202
132/33 KV2	11?	435?
132/33/11 KV2	1?	102
132/11 KV2	1?	20?

5.4 Normative Annual Transmission Availability Factor:

5.5 Transmission Loss Trajectory

It is submitted that majority of transmission lines and grid substations of MePTCL are? utilized for 2 ransmission 2 within 2 he 2 tate 2 per ate 2 to 2 2 KV2 evel 2 and 2 are 2 very 2 old. 2 Inspite 2 of 2 significant 2 capacity 2 addition 2 in 2 ast 2 few 2 years, 2 there 2 is 2 till 2 be 2 using 2 a diagonal 2 ast 2 few 2 years, 2 there 2 is 2 till 2 be 2 using 2 a diagonal 2 ast 2 few 2 years, 2 there 2 is 2 till 2 be 2 using 2 a diagonal 2 ast 2 few 2 years, 2 there 2 is 2 till 2 be 2 using 2 a diagonal 2 ast 2 few 2 years, 2 there 2 is 2 till 2 be 2 using 2 a diagonal 2 ast 2 few 2 years, 2 there 2 is 2 till 2 be 2 using 2 ast 2

As The Emetering Tof Transmission The twork The eds To To Eupgraded In Taccordance Ewith Tapplicable Regulations/ Equidelines, EMePTCL Thas Taken Eup Tapproject For Teplacement Tof Texisting Tinterface Texistic Terms Texistic Texistic Texistic Terms Texistic Texis

voltage@level@wise@losses@within@the@transmission@system.@Therefore@MePTCL@is@ currently@not@in@a@position@to@project@the@Transmission@loss@reduction@trajectory@ during@the@first@Control@Period.@MePTCL@proposes@that@currently@established@evel@of@ losses be approved for the first Control Period, as highlighted in table below:@

	Table 5.3:	Transmission	Loss Traj	jectory
--	------------	--------------	-----------	---------

Particular	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Transmission Lossद्(%) ☑	5.512	5.512	5.512	5.512

MePTCL has embarked on a path of accelerated renovation, upgradation of network assets Band Bassessment Bof Boss Breduction Bhrough Evarious Bchemes Ewhich Ewill Baid Bn reduction Bof Bosses Bas Evel Bas Breliable Bower Bupply. Details Bof Bhese Bchemes Bhave been provided in the Capital Investment section of Business Plan.

Commission Analysis:

Thus the commission approves intra state transmission loss at 4% for the control period FY 16 to FY 18 as against 5.51% projected by MePTCL.

5.6 Operation & Maintenance Expenses (O&M Expenses)

As per Regulation 69 of the MYT Regulations, 2014, the Operation and Maintenance Expenses is a sum of Employee Cost, Repairs and Maintenance (R & M) Expenses and Administrative Content of Content of

"69 Operation and Maintenance Expenses

Operation and Maintenance Expenses or O&M Expenses shall mean the total of all expenditure under the following heads:-

a. Employee Cost

- b. Repairs and Maintenance
- c. Administration and General Expenses.

The Licensee shall submit O&M expenses budget indicating the expenditure under each head of account showing actual of the last financial year, estimates for the current year and projections for the next financial year.

The norms for O&M expenses on the basis of circuit kilometers of transmission lines, transformation capacity and number of bays in substations shall be submitted for approval of the Commission.

The Commission shall verify the budget estimates and projections and allow the expenditure depending on its views about the reasonableness of the projections.MYT & Business Plan Petition for FY 2015-16 to FY 2017-18

Increase in O& M expenses due to natural calamities or insurgency or other factors not within its control may be approved by the Commission."

5.7 Employee Cost

Petitioner's Submission

It is is submitted that before corporatization, Meghalaya State Electricity Board (MeSEB) Is sed to revise the set of the molecular of the set of the molecular of the set of th

Therefore, If rom I anuary I2015 I conwards Revision I of Pay I will be I made I ffective. I he I employee I cost I for I the I FY I 2015-16 I is I projected I by I considering I the I revised I pay I of I employees. I he I following I assumptions I react on sidered to arrive I the I evised pay I of I employees: I he I evised pay I of I employees: I empl

BasicIPay: IAsIperItheIpayIrevisionIprocedure, IatItheItimeIofIrevisionIpfIpay, ItheI
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 existingIBasicIPayIandIthenIaddingItheIpercentageIncreaseInIIpayIscale.InItheI
 last two pay revisions, there has been an increase of 12% in Basic Pay. ThereforeI
 itIIsIExpectedIthatInIItheInextIpayIrevisionItoo,IthereIwillIbeIanIIncreaseIofII.2%I
 inIItheIBasicIPay.IMoreover,IonIIaIyearlyIbasisItheIpermanentIIemployeesIofI
 MePTCL are given a nominal increment. Therefore, for FY 2015-16 the new BasicI
 Pay is arrived at by the following methodology:II

New Basic Pay = Existing Basic Pay x (1+ DA Rate + 12%) + Yearly Increment

- Dearness Allowance (DA): The DAD projected to DeD applicable Din Det the Doctor of Decomposition of the Decompos
- Housing Rent Allowance (HRA): The HRAD school and the percentage of Basic Pay and the percentage at elof HRAD remains are throughout the effective period of revision of pay. At present HRA is as follows: 2
 - 15% of Basic for Shillong area?
 - 12.5% of Basic for District Head Quarters?
 - 10% of Basic for other areas?

The Babove Prates Pare of urther Capped Pater Fixed Camount. DtD seasoned Pater for Pathat HRA will be 12% of Basic after pay revision Pathat Pathat

- Pension Payments: With Devery Dpay Drevision Dthe Dpension Dbenefits Dare Dalso Discrete States Dare Day Developments, Discrete Develop

Further, @from @FY @2016-17 @onwards @the @employee @cost @s @projected @by @the @following @ assumptions: @

- Basic Pay is expected to grow at a nominal rate of 3% every year.
- Dearness Allowance is projected by taking the following assumptions:

Financial Year	Period	DA as % of Basic		
FY 2015-16	1st Half of FY 26	0%2	2%∄or FY⊡62	
FT 2015-10	2 ^{nd®} Half of FY 26	4%?		
	1st Half of FY 272	8%2	10% for FY 2172	
FY 2016-17	2 ^{nd®} Half of FY 27?	12%?		
	1st Half of FY 28	16%2	18% for FY 282	
FY 2016-17	2 ^{nd®} Half of FY 28?	20%ව		

Table 5.4: DA rates for the control period

- The other allowance is estimated to remain at the same level as FY 2015-16?
- Terminal[®]benefit[®]provision[®]for[®]future[®]years[®]s[®]not[®]considered[®]at[®]present.[®]The[®] same will be claimed at the time of true-up as per the actual provisioning.[®]
- The yearly recruitment of technical and non-technical staff is also considered for projection Pof Pormat-2.2

Based Bon Babove Bassumptions, Estimated Employee Bcost For FY 2014-15 Band Aprojected Employee Cost For Control Aperiod Bof FY 2015-16 Bor FY 2017-18 Bs Shown In Ethe Prable 21 below and attached as Format 1.2

					(Rs. Cr)
S.No.₽	Particulars [™]	FY2014-15 (Estimated) 고	FY2015-162 (Projected)2	FY2016-172 (Projected)2	FY2017-18ව (Projected)ව
	Salaries & Allowances				
12	Basicı∄Payı	8.95?	15.392	16.322	17.28
2?	Arrear Pay?	0.982			
3?	Dearness Allowance ?	4.40?	0.292	1.562	2.97?
4?	House@rent@Allowance@	0.902	1.762	1.872	1.982
52	Other allowances?	0.74?	0.942	0.982	1.012
6?	Medical re-imbursement charges	0.252	0.252	0.252	0.252
7?	OverItimeIpaymentI?	0.082	0.082	0.082	0.082
8?	Fixed Medical Allowance				
92	Generation Incentive?				
102	Bonus				
	Sub-Total [®]	16.302	18.722	21.052	23.582
	Terminal Benefits 2				
112	Leave Pencashment P	25.00*2	25.002	25.002	25.002
122	Staff [®] welfare [®]				
132	CPS	0.11?	0.112	0.112	0.112
14?	Workman tompensation P				
15?	Ex-gratia?				
	Sub-Total	25.112	25.112	25.112	25.11?
	Pension Payment				
162	Basic Pension 2				
172	Dearness Pension?				
18?	Dearness Allowance 2				
192	Any other expenses?				
	Sub-Total	-	-	-	-
202	Total	41.402	43.822	46.152	48.692
21?	AmountItapitalized	-	-	-	-
222	Net@Amount [®]	41.402	43.822	46.152	48.692
232	Add prior period expenses	0.172	-	-	-
	Grand@otal:@	41.582	43.822	46.152	48.692

Table 5.5: Employee Cost projected by MePTCL

*MePTCL[®] in[®] its[®] additional[®] submissions[®] dated[®] 25.2.15[®] submitted[®] before[®] the[®] Commission[®] that[®] due[®] to[®] typo[®] error[®] the[®] eave[®] encashment[®] n[®] the[®] employees[®] cost[®] s[®] .25 crore instead 25 crores. MePTCL has accordingly revised the employees cost in FY[®] 2014-15[®] s[®] 16.83[®] crores,[®] 19.03[®] cr[®] n[®] 2015-16,[®] s[®] 1.40[®] cr[®] n[®] 20160-17[®] and[®] s[®] 23.94[®] crores[®] n[®] 2017-18.to[®] kindly[®] approve[®] mployee[®] Cost[®] f[®] s.[®] 3.82[®] cr,[®] s.[®] 46.15[®] cr[®] and[®] Rs. 48.69 Cr respectively for FY 2015-16, FY 2016-17 and FY 2017-18.[®]

Therefore The statement of the proposed by them as the Employee's cost:

ſ	SI.?	Particulars [®]	FY2014-152	FY2015-162	FY2016-172	FY2017-18
	No.₂		(Estimated)	(Projected)	(Projected)	(Projected)
I		Employees cost?	16.832	19.072	21.402	23.942

Commission Analysis

The Commission approves employee expenses at Rs. 17.8 Crore, Rs. 18.8 Crore and Rs. 19.9 Crore for FY 2015-16, FY 2016-17 and FY 2017-18 respectively as projected by the MePTCL.

5.8 Repair & Maintenance (R & M) Expenses

					(Rs. Cr)
S.No.?	Particulars [®]	FY2014-15	FY2015-16	FY2016-172	FY2017-18
		(Estimated)	(Projected) 🛛	(Projected) 🛛	(Projected) 🛛
1?	Plant [®] & ® Machinery [®]	1.802	1.962	2.142	2.33₪
2?	Building	0.05?	0.052	0.062	0.062
3?	Hydraulic 2 & 2 Civil 2 Works 2	-	-	-	-
4?	Line [®] Cable [®] & ® Network®	2.082	2.27?	2.47?	2.702
5?	Vehicles?	0.042	0.052	0.052	0.062
6?	Furniture's & & & & & & & & & & & & & & & & & & &	0.012	0.012	0.012	0.012
7?	Office equipments	0.022	0.022	0.022	0.022
8?	Operating? Expense?	0.012	2.72?	0.012	0.022
9?	Total	4.00?	7.072	4.762	5.192
10?	Add/deductshare of 2 other 2 (To 2 be 2 specified) 2		-	-	-

Table 5.6: R & M Expenses projected by MePTCL

S.No.?	Particulars	FY2014-152 (Estimated)2	FY2015-16 (Projected)	FY2016-17 (Projected)	FY2017-18 (Projected)
11?	Total expenses ²	4.002	7.072	4.762	5.192
12?	Less Tapitalized	-	-	-	-
13?	Net expenses?	4.002	7.072	4.762	5.192
14?	Add prior period	-	-	-	-
152	Repair&?MaintenanceExpense	4.002	7.072	4.762	5.192

The Budden Increase Bhown In IR& M Expense In The FY2015-16 Is Educate Badditional one Itime I liability I of I extensive I repairs I of I Transmission I lines I which I were I badly I damaged I due I to I floods I in I Garo I Hills I in I FY2014-15. I MePTCL I submits I before I the I commission to kindly approve R & M Expense of Rs. 7.07 Cr, Rs. 4.76 Cr and Rs. 5.19 Cr respectively for FY 2015-16, FY 2016-17 and FY 2017-18 respectively. I

Commission Analysis

MePTCLEvide@ts@etter@tated@t6.02.2015@ubmitted@before@the@Commission@that@R&@ M@expenditure@s@ks.1.40@crores@n@first@nine@months@bf@2014-15@which@shall@be@more@ in full financial year. In the last tariff order the Commission has allowed them Rs.3.85@ crores which seems to be reasonable and sufficient for R&M works. The Commission@ feels@that@k&M@expenditure@should@be@reasonable@and@sufficient@for@maintenance@bf@ network.@n@ts@additional@nformation@dated@t6.02.2015@the@icensee@has@nformed@ that@repair@and@maintenance@expenses@for@FY@2014-15@s@projected@on@higher@side@ because@bf@one@time@additional@iability@bf@extensive@repair@of@extension@ine@which@ were@badly@damaged@due@to@floods@n@Garo@Hills.@The@estimated@amount@for@this@ repair@s@ks.2.71@crores.@However,@they@have@not@ncluded@such@expenses@n@future@ years.@ Under@the@circumstances@explained@by@the@MePTCL@the@additional@R&M@ expenses@of@ks.2.71@crores@s@accepted.@Keeping@the@the@allowed@R&M@expenses@n@ 2014-15@and@escalating@t@bg@.72%@t@will@be@ks.4@crores@n@2015-16.@Accordingly,@the@ Commission@s@allowing@ks.6.7@crores@as@the@R&M@expenses@in@the@2015-16.@ For@ future years the expenses are escalated by 5.72% on the expenses allowed last year.@ The Commission approves R&M expenses at Rs. 6.7 Crore, Rs. 4.3 and Rs. 4.6 Crore for FY 2015-16, FY 2016-17 and FY 2017-18 respectively as projected by MePTCL

5.9 Administration and General (A & G) Expenses

The Increase In IA & G expense of MePGCL. MYT & Business Plan Petition for FY 2015-16 to FYE 2017-18 MePTCLE

The Bummarized PAR CGR xpense for FY 2014-15 and the control period s B hown In the table below and details from FY 2012-13 onwards are attached as Format-5.

					(Rs. Cr)
SI.	Particulars	FY2014-15	FY2015-16	FY2016-17	FY2017-18
No.	Particulars	(Estimated)	(Projected)	(Projected)	(Projected)
1?	Rent, Rates & Rates	0.012	0.012	0.012	0.012
	Taxes?				
2?	Insurance?	0.012	0.022	0.02	0.022
3?	Telephone, 🛛	0.05?	0.052	0.052	0.062
	Postage? &?				
	Telegrams?				
4?	Consultancy fees?	-	-	-	-
5?	Technical fees?	-	-	-	-
62	Other 🛛	0.002	0.002	0.002	0.002
	professional				
	charges?				
7?	Conveyance? &?	1.192	1.302	1.42?	1.552
	travel expenses?				
8?	Electricity 2 & 2	-	-	-	-
	water charges?				
9?	Others ?	0.06?	0.072	0.072	0.082
102	Freight?	-	-	-	-

Table 5.7: A & G Expenses projected by the MePTCL

SI. No.	Particulars	FY2014-15 (Estimated)	FY2015-16 (Projected)	FY2016-17 (Projected)	FY2017-18 (Projected)
11?	Other material	0.022	0.022	0.022	0.022
	related expenses?				
12?	Total Expenses?	1.342	1.462	1.60?	1.742
132	LessICapitalized	-	-	-	-
14?	Net Expenses?	1.342	1.462	1.602	1.742
15?	Add prior period	0.182	0.192	0.21?	0.232
162	Total expenses	1.522	1.662	1.81?	1.972
	charged ? to ?				
	revenue				
172	Apportionment Pof P	24.48	25.122	27.50?	27.192
	MeECL expenses?				
182	Total expenses	26.002	26.782	29.31?	29.16?
	charged de toe				
	revenue				

MePTCL submits before the Hon'ble Commission to kindly approve A & G Expense of Rs. 26.78 Cr, Rs. 29.31 Cr and Rs. 29.16 Cr respectively for FY 2015-16, FY 2016-17 and FY 2017-18 respectively including apportionment of MeECL Expense.

Commission's analysis

The Eactual Expenses E on EA& GEINE 2014-15 Eis Eshown Eas ERs. 1.12 Ecrores Ein Efirst Enine E months. ET he Eproportion at e Encrease Eshall Ebe ERs. 1.5 Ecrores En Eull Efinancial Eyear. ET he E Commission Enas Eallowed ERs. 2.5 Ecrores En E2014-15. Escalating ERs. 1.5 Ecrores Eby E. 72% E it Ewould Ebe ERs. 1.6 Ecrores En E2015-16 Ewhich Estenatching Ewith Ethe Eicensee's Eproposal E of E2015-16. EAccordingly, Ethe Ecommission Este Eallowing Ethe Expenses Eas Eproposed Eby E the licensee's proposal of 2014-15 and escalated it @ 5.72% in future years. As far as E appropriation Enforces En ECL, and escalated it @ 5.72% in future years. As far as E appropriation Enforces Enforces Enterores Entero

Commission has Ballowed IRs. I22.5 Ecrores has AGE cost for the Econtrol period in the same manner.

The Commission approves A&G expenses at Rs. 22.5 Crores, Rs. 23.90 Crores and Rs. 25.14 Crores for FY 2015-16, 2016-17 and FY 2017-18 respectively.

5.10 Summary of Operation and Maintenance (O & M) Expenses

Summary 20120& M2expenses 2approved 2by 2the 2Commission 2for 2control 2period 2of 2FY 2 2015-16 to FY 2017-18 are furnished in the table below: 2

Table 5.8: O&M expenses approved by the Commission for FY 16 to FY 18

				(RS. CI)
SI.	Particulars	FY 2015-16	FY 2016-17	FY 2017-18
No				
1?	Employee Cost ?	17.82	18.8?	19.92
2?	R&M ⊞ xpenses	6.72	4.3?	4.62
3?	A&G expenses?	22.5?	23.902	25.142
4?	Total O&M Expenses?	47.0?	47.02	49.642

5.11 Capital Investment Plan

The purpose of the Capital Investment Plan (CIP) MePTCL has provided to Capital Post of the Capital Investment Plan (CIP) MePTCL has provided to Capital Post of the Capital Investment Plan (CIP) Provided to Capital Provided To

- Strengthening of Aging Network
- Evacuation of Power from upcoming generating stations?
- Transmission Corridor development for new load centres.
- Increasing Transmission capacity for increased load¹
- Increased Quality and Reliability of Power Transmitted
- Appropriate Loading of Transmission Network 2
- Increased Control and Protection for Grid Stability 2
- Metering and Loss Assessment?
- Loss Reduction 2
- Outage Reduction

(Dc Cr)

CIP@preparedBy@MePTCL@ncludes@he@projects@which@were@inder@mplementation@pre commenced/@expected@to@commence@from@FY@2012-13@to@end@fffirst@control@period@ i.e. FY 2017-18. As CIP includes schemes envisaged and to be implemented in future,@ Several assumptions@have been taken@to project the@various@ttributes such as scope@ of work, funding pattern, funding sources, project cost, commencement/ completion@ dates@and@construction@period@etc.@The@assumptions@have@been@taken@considering@ historical@nputs@and@anticipated@project@attributes.@These@attributes@are@expected@to@ become clearer with preparation of Detailed Project Reports, Approval by concerned@ authority/@financial@institution@and@commencement@of@execution.@Similarly@certain@ project@ttributes@such@as@construction@period,@actual@project@cost,@completion@dates@ etc. for ongoing projects are also expected to change in future due to uncontrollable@ externalities.@Therefore@the@project@particulars@are@expected@to@hange@n@tuture@and@ shall@be@updated@during@subsequent@filings@bf@susiness@Plan@petitions@and@Mid-Term@ Review.@

To? Finance? the? capital? expenditure,? MePTCL? primarily? depends? on? financial? assistance?provided?by?Government?of?Meghalaya?and?Government?of?India?through? various?schemes?as?vell?as?external?aided?funding?by?international?institutions?such? as World?Bank. Most?of?the?funding?s available/ expected to be?available to MePTCL? in?the?form?of?Grant.?A?small?oan?component?s?also?expected?to?be?provided?by? Government?of?Meghalaya.?The?details?of?funding?and?sources?are?available?as? Investment Plan Format.?

The Capital Expenditure from FY2012-13 to FY2017-18 is provided as Investment Plan Format as per prescribed format of MSERC and summarized in the table below:

	Project [®] Cost [®]	Funding	Pattern [®]	(Rs.₽Cr)₽
Schemes	(Rs. Cr)	Loan	Grant	Equity?
Construction/2 Upgradation2 of	1802	18?		162?
Transmission lines?				
Construction/2 Upgradation2 of	1052	24?		812
Substations				
System Protection, Control	98?	10?		88?
system, metering etc.2				
Scheme? funded? by? Power?	1032		1032	
System Development Fund				
NER Power system mprovement	599?	30?	5692	
Project				
Ongoing/Completed Schemes?				
Construction/2 Upgradation2 of	1622	16?		1462
Transmission lines [®]				
Construction/2 Upgradation? of?	1932	192		174?
Substations [®]				
System Protection, Control	8?	1?		7?
system, metering?				
Total2	14472	1182	671?	658?

Table 5.9: Summary of Projects from FY2012-13 to FY2017-18

The details of various schemes are provided in following sections.

5.12 North East Region Power System Improvement Project (NERPSIP)

The Government of India [Gol] thas formulated a plan for undertaking investments in Transmission & Distribution Din North Deast Region (NER) to Defacilitate Dincreased availability Dof Dower, Dimprovement Din Dervice Delivery Dand Dreduction Dof Desystem losses. Presently, & ix NER States (Assam, Manipur, Mizoram, Meghalaya, Pripura and Nagaland) are connected to Deransmission Detwork at 21.32 KV and Delow. In Dorder to Dervice reduce Detween Detween Detween Detween and Device and Device Detween Detw 220KVIconnectivityIcolalIIcheseINERIstatesIforIproperIvoltageImanagementIandIossI reduction.II

Implementation of this project will create a reliable State power grid and improve its2 connectivity2to2the2upcoming2load2centres,2and2thus2extend2the2benefits2of2the2 MePTCL2grid2connected2power2to2all2the2consumers.2The2project2includes2capital2 investments2for2strengthening/2augmentation2of2the2intra-state2transmission2and2 distribution network as well as capacity building across selected six North East states2 of2Assam,2Manipur,2Mizoram,2Meghalaya,2Tripura2and2Nagaland.2The2North2East2 Region Power System Improvement Project (NERPSIP) is a comprehensive scheme to2 be2funded2by2World2Bank2and2Government2of2India.2The2scheme2comprises2of2 development of Transmission, Sub-Transmission/ Distribution system upto 33 KV.2

Within Meghalaya, Tthe Pobjective Pof Scheme Pis Pto Previtalize The Power Sector Tto achieve Sustainable development Pin Plong Term. The NERPSIP is Percented To Poe under taken through funding in three tranches. The works covered under Tranche are broadly highlighted in the following table: P

SI. No	Work	Rating	Unit	Capacity Addition
1?	Substations ²	132/33 KV2	MVAD	3002
2?	Substations ²	220/2132 KV2	MVAD	7602
3?	Transmission lines	220 KV2	CKm₪	2442
4?	Transmission lines	132 KV?	CKm₪	1722

Table 5.10: NERPSIP Asset addition

The Daddition Dof Dnew Dsubstations Dand Dconstruction Dof Dnew Dlines Dis Drequired Dfor relieving The Dexisting Doverloaded Dines Dand Bsubstations Deatering Do Shillong, Dareas Df Khasi Hills Dand Garo Hills districts. The Dadded capacity is also required for Deatering to growing demand throughout the state. D Under The Tranche Tranche Trunding, The Proposed Project Pexpenditure Ts Pas. 2599 Crore, 2 50% To fewhich Ts Tranche Trunding, The Proposed Project Pexpenditure Ts Passed Processes Balance 50% counterpart funding in form of Ioan shall be received by Government of T India Prome World Bank. 210% Pof Phile Point Provide Bank Point Provide Passed Point Provide Processes and Provide Provide Provide Processes and Provide Provid

Table 5.11: NERPSIP funding pattern

Particulars	State Government. Loan	Gol Grant	
Funding (%)	5%?	95%ව	
Amount (Rs. Crore)2	30?	5692	

The project pproval thas been received from Expenditure Finance Committee (EFC), Cabinet Committee Con Economic Affairs (CCEA). Tranche I funding shall be Cutilized for first phase of the construction which is the percent of the construction is expected to begin in FY16 and shall be completed by FY19.

5.13 Power System Development Fund (PSDF)

The Bovernment Cof India Phase approved Each cheme For Coperationalisation Cof Power System Development Fund (PSDF) In Eyear 2014. PSDF State fund Constituted Cunder Central Electricity Regulatory Commission (Power System Development Fund) Regulations, 2014 to be utilized for the following purpose: D

- Transmission Systems of Strategic Importance Dased Ion Operational Feedback Dy? Load Despatch Centers for relieving congestion in inter-State Transmission system (ISTS) Cand Intra-State Transmission Systems which Care Incidental Co The ISTS. I
- Installation
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schemes2and2for2setting2right2the2discrepancies2identified2in2the2protection2 schemes and for setting right the discrepancies identified in the2

- protection audits on regional basis.
- Renovation@and@Modernization@(R&M)@of@transmission@and@distribution@system@ for relieving congestion@
- AnyPotherEscheme/PprojectPinEfurtherancePofEthePabovePobjectivesEsuchPasP
 technical studies and capacity buildingP

Based on decision taken in the in NERPC forum, a third party audit on protection was² carried out in 135 sub-stations and generating stations of NER at 132KV voltage level² and²Bbove.²The²teams²comprising²Df²members²from²PGCIL,²NEEPCO,²NHPC,²NERPC² and²NERLDC²was²formed.²The²protection²audit²Df²the²sub-stations²Band²generating² stations in NER was completed in February 2013. The findings of the audit team were² discussed² in² the² Commercial² Sub-Committee² and² Protection² Sub² Committee² meetings²Df²NERPC.⁴Subsequently,⁴The³Ministry⁴Df³Power³directed⁴for³Preparation³Df² the²Detail²Project²Report²Dased²Dn²The²Same²was²Sent²To²CEA²with²The²Protection²Baudit² funding³Through²PSDF²Or²Bany²Other²Sources²without²Bany²financial²Durden²To²The² constituents.²

In Border Pro Edurther Bts Bobjectives Bof Enaving Benhanced Byrid Batability, BMePTCL Plans Bo B carry Bout Renovation Band Dygradation Bof Protection & Control Bystem Bwith Edunding B available through PSDF. For Meghalaya, the protection audit was carried out in 1 No. 2 400 KV Band 219 ENOS. 2132 KV Bsubstations/generating Bstations. 2 The Bscope Bof Bwork B includes the following: 2

- Modification in switching scheme?
- Replacement
 Replacement
 Protection

 Interviewed
 Replacement

 Replate
 <

- Replacement2of2old2obsolete2equipments2(Circuit2Breakers,2Surge2Arresters,2 Isolators, Earthing switches, CTs, PTs/CVTs and materials.2
- Establishment@of@reliable@communication@link@and@providing@carrier@intertrip@ facility.@
- Improvement in DC system and providing DG sets. 2
- Improving existing Earthing system.
- Providing required Fire fighting system.
- Providing modern diagnostic tools.
- Any other improvement required.

The 2132/33KV 2 transmission 2 substations 2 which 2 are 2 envisaged 2 to 2 be 2 included 2 for 2 renovation 2 and 2 upgradation 2 are 2 at 2 Mawlai, 2 NEHU, 2 NEIGRIHMS, 2 Khliehriat, 2 Lumshnong, 2 Umiam, 2 Cherrapunjee, 3 Nongstoin, 3 Mawphlang, 3 Nangalbibra, 3 Rongkhon, 2 EPIP-I, EPIP-II and Killing. 2

Boundary Metering

 Access[®] Users,[®] Distribution[®] utility[®] MEPDCL[®] and[®] Extra[®] High[®] Tension[®] consumers[®] connected at 132 KV.[®]

The power flowing into and coutside the Estate is measured to a sthey demarcate the anetwork of the ABT meters. These interfaces are also known as boundary as they demarcate the network of the PTCL. In addition to the Distribution of the state for time block measurement is compliant and outgoing feeders inside the state for time block measurement of power from state owned generation to the Distribution utility.

The Emain Explosion Explos

 comprehensive ABT grid metering system (having integrated hardware and software) together 2 with 2 the 2 capability 2 of 2 giving 2 adequate 2 and 2 sufficient 2 nformation 2 for 2 oad 2 management 2 on 2 and 2 management 2 of 2 any 2 deviations 2 from 2 schedule 2 (UI2 management) 2 for 2 MeECL 2 as 2 a 2 whole. 2 The 2 overall 2 scope 2 covers 2 establishment 2 of 2 and 2 central 2 Data 2 centre 2 (CDC) 2 together 2 with 2 operations 2 and 2 generating 2 the 2 daily 2 and 3 monthly 2 DSM 2 ccounting 3 eports. 2 the 2 overal 2 scope 2 covers 2 establishment 2 of 2 and 2 management 2 of 2 and 2 mana

The broad scope of the works as highlighted as below:

- Establishment of central data centre?
- Installation of ABT complaint meters
- Installation of Communication media
- Installation of Terminal equipments

Work[®]wise[®]/[®]Year[®]wise[®]investment[®]plan[®]is[®]furnished[®]in[®]Annexure[®]1.[®] Abstract[®]of[®] capital investment is furnished is Table below[®]

						(11.3. E	akiisj
SI.? No?	Particulars ⊡	FY2012-132 (Provisiona2 I)2	FY2013-142 (Provisional2)2	FY2014-152 (Estimate2 d)2	FY2015-16ව (Projected)ව	FY2016-17ව (Projected)ව	FY2017-18₽ (Projected)₽
1?	Opening [®] balance [®]	22,466.182	11,943.982	7,720.722	8,247.392	13,045.492	34,859.492
2?	Add: New? investments?	5,170.502	9,590.922	5,674.002	22,432.002	35,157.002	28,791.002
3?	Total	27,636.682	21,534.902	13,394.722	30,679.39	48,202.492	63,650.492
4?	Less [®] investment [®] capitalised [®]	15,692.702	13,814.182	5,147.33	17,633.902	13,343.002	4,598.002
52	Closing balance	11,943.982	7,720.722	8,247.392	13,045.492	34,859.492	59,052.492

Table 5.12: Work in Progress

(Rs. Lakhs)

Commission Analysis

The DYT Framework Shall De Dased Don The Dag gregate Devenue Dequirement Delating D regulation@requires@that@the@exercise@of@approval@of@business@plan@for@the@entire@ control period shall be based on the petition filed by licensees three months prior to 2 filing@of@petition@for@ARR@and@tariff.@The@business@plan@shall@consist@of@capital@ investment@plans@or@the@bngoing@projects@and@new@projects@to@be@taken@up@n@the@ control
period.
The
Commission
Chall
Consider
Cand
Capprove
Che
Capital
Canvestment
Capital
Ca itIsEtechnicallyIndEcommerciallyISound.ForItheEbusinessIplanItIsEnecessaryItoFileI sale, 2demand 2 projections, 2 power 2 procurement 2 plants, 2 capital 2 investment 2 plants, 2 theirfinancing@plants,@iscal@targets@and@pproval@pf@the@ppropriate@authorities@n@ accordance with guidelines as may be provided by the Commission. In the absence of audited 2 accounts, 2 detailed 2 projects 2 reports, 2 agreements 2 for 2 financial 2 tie 2 ups, 2 sanctioned[®] of[®] appropriate[®] authority,[®] it[®] would[®] not[®] be[®] reasonable[®] to[®] approve[®] investmentsfor@he@ontrol@period.@herefore,@he@Commission@has@considered@he@ investment
plan
formats
bubmitted
by
the
plicensee
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with
the
Affidavit
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ts
pl letter2dated210.02.20152and2allows2those2projects2which2have2been2started2up2to2 March 2015.20n The Basis 20 ft his Information The Commission Phase worked Bout The 2 opening and to sing values of assets including the ssets added during each financial year starting from FY 2012-13. However, adjustments after detailed scrutiny shall be? considered @by @the 2Commission @as @and @when @audited @records @shall @be @filed. @t @s @to @ clarify?that?during?these?proceedings?the?approval?of?business?plan?cannot?be? undertaken@within@uch@short@period@and@with@imited@nformation@available@to@the@ Commission. Therefore, Commission requires the dicensee MePTCL to file bettion 2 for approval of business plan for the financial year FY 2015-16 (review), 2016-17 and 2017-18[®]n[®]accordance[®]with[®]the[®]regulations[®]by[®]B0.08.2015.[®]The[®]working[®]b[®]addition[®] of assets are being given in the table below:

SI No	Name of the schemes	Year of start	Capital expenditure (Rs. Cr)	Year of completion
12	132@KV®line®Nangalbibra® to Agia®	2007	43.327	FY 2013-142
2?	Liloeof21322KV2Mawlai- Nongstoindine2	2011	4.942	FY 2011-122
3?	Lilo®of24003KV3Palatana®at2 Killing2	20112	12.72	FY 2014-152
4?	Lilo of 132 KV Nangalbibra at Mendipathar	20092	5?	FY 2013-142
5?	132 KV Rongkhon substation 团 제 Ampati	2009	16.752	FY 2015-162
62	Lilo፬of፬132፬KV፬Mawlai- Cherra፬	2010?	4.972	FY 2015-16
72	Lilo of 132 KV NEHU Khliehriat at Mastem	2012	4.342	FY 2014-15
82	Lilo of 132 KV NEIGHRIMS Khliehriat line at Nongkrem	20122	5.552	FY 2015-162
92	132 KV line from new Umtru to EPIP	20122	5.22	FY 2015-162
102	132 E KV E line E from E new E Umtru to old Umtru E	20122	2.462	FY 2015-162
11?	1322KV232circuit2line2at2 EPIP21 & 22	20102	21.742	FY 2014-152
122	2nd Circuit of 132 KV 조 Agia- Nangal bibra Iines 고	2012	21.192	FY 2014-152
13?	Lilo®of2132©KV©Rongkhon- Ampati®ine®	20142	14.392	FY 2016-17
14?	400 KV Killing Substation	2011?	100.92	FY 2012-13?
15?	220 KVICTIat Agia	2011?	11.432	FY 2013-142
162	132 KV transformer Ampati Bubstation 2	20112	14.042	FY 2015-162
17?	132 [®] KV [®] transformer [®] at [®] Mendipather [®]	20102	9.562	FY 2014-152
18?	132 KV transformer at at Mawstem 2	2009	22.172	FY 2014-152
192	132 KV 대 transformer at R Nongkrem 교	2012?	24.312	FY 2015-16

SI No	Name of the schemes	Year of start	Capital expenditure (Rs. Cr)	Year of completion
202	132교 KV교 transformer교 at교 Praharinagar고	20122	18.912	FY 2016-172
21?	Augumentation of of Rongkhon substation	20102	4.692	FY 2015-162
22?	Installation B DAS 2	20102	3.952	FY 2014-152
232	Replacement [®] of [®] meters [®] at NEHU [®]	20132	3.662	FY 2014-15

5.14 Gross Fixed Assets

MePTCLEhasEfurnishedEtheEopeningEbalanceEofEGFAEasEonE1.4.2013EatERs.E63.37ECr.E and worked out closing GFA considering year wise actual capitalization from FY 2012-13 to FY 2017-18 as detailed in Table below.E

Table 5.13: Gross Fixed Asset Details

(Rs. Cr)

Particulars ²	FY2012-13?	FY2013-142	FY2014-152	FY2015-16?	FY2016-17	FY2017-18
	(Provisional) 민	(Provisional)	(Estimated)	(Projected)	(Projected)	(Projected)
Opening?	63.372	222.47?	361.052	412.522	588.862	722.29?
GFA						
Additions	159.102	138.58?	51.472	176.342	133.432	45.98?
during? the?						
year						
Retirements	-	-	-	-	-	-
during? the?						
year						
Closing GFA	222.47?	361.052	412.522	588.862	722.29?	768.272

MePTCL[®]has[®]requested[®]the[®]Commission[®]to[®]kindly[®]approve[®]the[®]GFA[®]as[®]submitted[®]n[®] the table above.[®]

Commission analysis

As discussed above, the assets were examined and those assets which are commissioned by March 2015 being considered for approving the depreciation charges for the control period subject to modification con submission of audited records. The details are given below in the Table:

Table 5.14	MePTCL – GFA	Considered
------------	--------------	------------

(Rs. Cr)

	FY22012-	FY22013-	FY? 2014-	FY2 2015-	FY2016-	FY2 2017-
Items?	13?	14?	15?	162	172	18?
Opening I GFA P	63.372	164.272	224.02	323.332	401.32	434.62
Addition 2 during 2 the 2						
year⊡	100.92	59.752	99.312	77.972	33.3	-
Retirement [®] during [®]						
the year?	02	02	02	02	0?	0?
Closing GFA?	164.27?	224.02?	323.332	401.32	434.62	434.62

On examination of the records the Commission has allowed increase in assets values for the purpose of calculating depreciation which are given above.

5.15 Depreciation for the Control Period

The Depreciation computed case per Depreciation computed case per Regulation 23 20 for the Depreciation computed case per Regulation 23 20 for the Depreciation completion complete computation completion complete computed computed computed computed computed complete computation complete co

							s. Cr)
SI.⊉ No⊉	Name Df D the D Asset D	Value Df Assets Date the Deginning of the year D	Additions during year	Withdrawn? during?the? year?	Value bf Assets bf t t t t t t t t t t t t t t t t t t	Rate of Depreciati on (%)	Depreciation charges for the year
1?	2?	3?	42	52	62	72	8?
1?	Land	1.27?	0.032	-	1.302	0.00%	-
2?	Buildings	6.182	0.062	-	6.242	3.34%2	0.20?
3?	Hydrauli c⊡works 2	-	-	-	-	5.28%	-
4?	Other [®] Civil [®] works [®]	0.462	5.14	-	5.602	3.34%2	0.342
5?	Plant & Machine ry ?	11.33?	52.13	-	63.462	5.81%2	3.302
62	Lines & ? Cables?	43.662	101.56	-	145.222	5.28%?	10.742
7?	Vehicles	0.03	-	-	0.032	9.50%	-
82	Furnitur? e?	0.182	0.16	-	0.342	6.33%2	0.022
9?	Office2 equipme2 nt2	0.262	0.02	-	0.282	6.33%2	0.022
10?	ITව Equipmeව ntව						
	Total	63.372	159.102	-	222.47?		14.622
		and Depreciation- FY20					
1?	Land	1.302	0.322	-	1.622	0.00%	-
2?	Buildings	6.242	2.682	-	8.922	3.34%2	0.292
32	Hydrauli c⊡works 2	-	-	-	-	5.28%	-
4?	Other [®] Civil [®] works [®]	5.60	-	-	5.602	3.34%2	0.19?
5?	Plant [®] & P Machine [®] ry P	63.462	72.07	-	135.532	5.81%?	6.92?
62	Lines & ? Cables?	145.222	63.45	-	208.672	5.28%ව	10.592
7?	Vehicles	0.03	-	-	0.032	9.50%	-
82	Furnitur? e?	0.342	0.04	-	0.382	6.33%	0.022
92	Office? equipme? nt?	0.282	0.02	-	0.302	6.33%2	0.022
107	ITව Equipmeව ntව						

						Data of			
SI.?	Name [®] f [®]	Value®fAssets@t?	Additions	Withdrawn	Value [®] f	Rate of ² Depreciati ²	Depreciation		
No₽	the	the [®] beginning of [®]	duringIthe	duringIthe	Assets Tat The ?	on	charges for 2		
	Asset	the year?	year?	year🛛	close ⊉f year	(%)?	the year [®]		
1?	2?	3?	4?	5?	6?	7?	8?		
	Total 🛛	222.472	138.582	-	361.052		18.032		
Value	Value of Assets@nd@Depreciation- FY2014-15 [®]								
1?	Land	1.622	3.902	-	5.522	0.00%	-		
22	Buildings	8.922	2.332	-	11.252	3.34%2	0.302		
3?	Hydrauli c⊡works 2	-	-	-	-	5.28%	-		
4?	Other 🛛								
	Civil	5.602	7.83	-	13.432	3.34%2	0.292		
	works								
5?	Plant &		10.04			5 010/E			
	Machine ? ry	135.532	18.84	-	154.372	5.81%2	7.572		
6?	Lines &								
	Cables ₽	208.672	14.94	-	223.612	5.28%?	10.272		
7?	Vehicles	0.03	-	-	0.032	9.50%2	0.002		
8?	Furnitur 2 e	0.38	-	-	0.382	6.33%2	0.022		
9?	Office?								
	equipme	0.30	-	-	0.302	6.33%2	0.022		
	ntl								
102	IT?				0.645		0.055		
	Equipme nt	-	3.64	-	3.642	15.00%2	0.25?		
	Total	361.052	51.472	-	412.522		18.722		
Value		nd Depreciation- FY20		-	412.32		10.72		
12	Land [®]	5.522	14.442	-	19.962	0.00%	-		
22	Buildings	11.252	8.242	-	19.492	3.34%2	0.462		
32	Hydrauli [®]	11.200	0.2.18		101.01				
	c3works2	-	-	-	-	5.28%	-		
4?	Other 🛛								
	Civil	13.432	26.82	-	40.252	3.34%2	0.812		
	works								
5?	Plant & 2								
	Machine [®]	154.372	57.71	-	212.072	5.81%2	9.572		
	ry⊇								
62	Lines &	223.612	67.72	-	291.332	5.28%2	12.242		
7?	Cables ² Vehicles ²	0.03	-	-	0.032	9.50%2	0.002		
8?	Furnitur								
0	e?	0.38	-	-	0.382	6.33%2	0.022		
9?	Office 2								
	equipme	0.30	-	-	0.302	6.33%2	0.022		
	ntl								
102	IT?								
	Equipme 🛛	3.642	1.41	-	5.052	15.00%2	0.592		
	nt2	442 525	476.245		500.007		22.705		
	Total	412.522	176.342	-	588.862		23.70?		

SI.? No?	Name	ValueඔflAssetsat theBbeginning of the year	Additions during year	Withdrawn during year	Value bf Assets bf table close bf year bf	Rate of Depreciati on (%)	Depreciation charges for the year
1?	2?	3?	4?	5?	6?	7?	82
Value		nd <pre>Depreciation- FY20</pre>	16-172				
1?	Land	19.962	3.28?	-	23.23	0.00%	-
2?	Buildings	19.492	1.892	-	21.382	3.34%2	0.612
3?	Hydrauli c⊡works⊡	-	-	-	-	5.28%	-
4?	Other? Civil? works?	40.252	15.57	-	55.822	3.34%?	1.442
5?	Plant [®] & P Machine [®] ry [®]	212.07?	56.25	-	268.322	5.81%2	12.55?
62	Lines & 2 Cables 2	291.332	34.85	-	326.182	5.28%?	14.672
72	Vehicles	0.03	-	-	0.032	9.50%2	0.00?
82	Furnitur? e?	0.38	-	-	0.382	6.33%2	0.022
9?	Office2 equipme2 nt2	0.30	-	-	0.302	6.33%2	0.022
102	IT2 Equipme2 nt2	5.052	21.60	-	26.652	15.00%2	2.142
	Total	588.862	133.432	-	722.29		31.462
Value	e of Assets	nd Depreciation- FY20	17-182				
1?	Land	23.23	-	-	23.232	0.00%	-
2?	Buildings	21.38	-	-	21.382	3.34%2	0.642
32	Hydrauli c⊡works⊡	-	-	-	-	5.28%	-
4?	Other [®] Civil [®] works [®]	55.822	3.60	-	59.422	3.34%2	1.732
5?	Plant [®] & [®] Machine [®] ry [®]	268.322	32.40	-	300.722	5.81%2	14.862
62	Lines & 2 Cables 2	326.18	-	-	326.182	5.28%?	15.502
7?	Vehicles	0.03	-	-	0.032	9.50%2	0.002
82	Furnitur? e?	0.38	-	-	0.382	6.33%?	0.02?
9?	Office? equipme? nt?	0.30	-	-	0.302	6.33%2	0.022
102	IT2 Equipme2 nt2	26.652	9.98	-	36.632	15.00%2	4.272
	Total	722.29?	45.982	-	768.272		37.052

					(Rs. Cr)
SI.No.?	Particulars [®]	FY2014-152	FY2015-16?	FY2016-172	FY2017-182
		(Estimated)	(Projected) 🛛	(Projected) 🛛	(Projected)2
1?	Land	-	-	-	-
2ව	Buildings ²	0.302	0.46?	0.612	0.642
3?	Hydraulic works	-	-	-	-
4?	Other Civil works?	0.292	0.812	1.44?	1.732
5?	Plant 2 & 2	7.572	9.572	12.552	14.862
	Machinery [®]				
6?	Lines & Cables [®]	10.272	12.242	14.672	15.502
7?	Vehicles ²	0.002	0.00?	0.002	0.00?
8?	Furniture?	0.022	0.02?	0.022	0.022
9?	Office?	0.022	0.022	0.022	0.022
	equipment				
102	IT I quipments I ?	0.25?	0.592	2.142	4.27?
11?	Total	18.72?	23.702	31.462	37.052

The abstract of depreciation is furnished in table below:

Table 5.16: Depreciation projected by MePTCL

MePTCLPrequested The Commission To Kindly Deprove Depreciation Df Rs. 23.70 Cr. 2 Rs. 231.46 Cr 2 and 2 Rs. 237.05 Cr 2 for 2 FY 22015-16, 2 FY 22016-17 2 and 2 FY 22017-18 2 respectively. 2

Commission analysis

"Depreciation shall be calculated annually as per straight line method of the rates specified in CERC (Terms and Conditions of Tariff) Regulations 2009 as may be enumerated from time to time.

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Provided that land is not depreciable asset and its cost shall be excluded from the capital cost while computing historical cost of the asset.

Depreciation shall be chargeable from the 1st year of operation. In case of operation of the asset for part of the year, depreciation shall be charged on prorate basis"

While So 2 the 2 depreciation 2 calculated 2 by 2 MePTCL 2 in 2 the 2 above 2 tables 2 is 2 not 2 in 2 accordance@with@the@above@regulations.2 Depreciation@rate@of@.81%2s@adopted@for2 plant@machinery,@but@as@per@CERC@regulations@he@rate@s.28%.@Assets@created@ out Bof tonsumer tontribution Band Brants Betc Bare Bot Beducted From The Basset By alue B while calculating depreciation, nor furnished the value of grants. So the depreciation isEcalculatedEbnEaverageEassetEvalueEatEanEaverageErateEofEdepreciationEofE5.13%.E While Considering The Capital Investment In The Business Commission Phase considered@only@those@projects@which@have@already@started@up@to@the@date@of@ finalization Bof Tthis Ttariff Border Band Ballowed Edepreciation Bonly Bafter Ttommissioning Bof P such projects In The Year 2015-16 2016-17 Iand 2017-18. In The Iabsence Ib f The Decay Section 2015-16 2016-17 Iand 2017-18. information
about
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nvestment
plans
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commission
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considered
he
bove approach. However, Commission directs? the? licensee? to? get? the? approval? of? investment@for@that@investment@which@is@to@be@started@in@2015-16@and@onwards.@ MePTCL[®]shall[®]submit[®]separate[®]petition[®]for[®]investment[®]approvals[®]along[®]with[®]their[®] DPRs, 2 approval2 of2 appropriate2 authority, 2 financing, 2 etc2 by 30.08.2015. The2 Commission@shall@take@a@final@view@in@the@matter@of@investment@decisions@in@the@ 2016-17. The details of depreciation as allowed are given in the table below:

			(Rs. Cr)
Items	FY 2015-16	FY 2016-17	FY 2017-18
Opening 3GFA 2	323.33?	401.32	434.62
AdditionIduringIthe year ?	77.972	33.32	02
Retirement during the year?			
Closing CFA?	401.32	434.6?	434.62
Average GFA?	362.3152	417.952	434.62
Depreciation @5.13%?	18.592	21.44?	22.292

Table 5.17: Depreciation approved by th	ne Commissioner for FY 16 to FY 18
-----------------------------------------	------------------------------------

The Commission approves depreciation at Rs. 18.59 crore, Rs. 21.44 crore and Rs. 22.29 Crore for FY 2015-16, FY 2016-17 and FY 2017-18 respectively.

5.16 Interest on Capital Loan

As Eper Regulation 22 20 f2 the 3MYTE Regulations, 22014, anterest 2 and 3 finance 3 charges 3 on 2 loan capital shall be computed on the outstanding loans, duly taking into account the 3 schedule 2 of 2 oan 2 repayment, 2 terms 2 and 2 conditions 2 of 3 oan 2 agreements, 2 bond 2 or 2 debenture and the 3 ending rate specified therein. 3 t is submitted that the Interest on 2 Loan for the control period has been computed by considering Interest obligation for 3 existing 3 oans 2 as 5 or 3 uture 2 projects 3 with 2 a oan 3 component. 2 Year 3 wise 3 oans 2 availed, repayment and interest thereon as furnished by MePTCL is furnished below. 2

S.No?	Particulars ً?	Opening balance ⊡	Rate2 of2 Interest2	Addition during the year	Repayment [®] during [®] the [®] year [®]	Closing balance 한	Amount [®] of interest과aid®	
1?	2?	3?	4?	5?	6?	7?	82	
1?	PFC							
2?	Total [®]							
3?	Add State	1,083.132	7.84%2	494.212	99.542	1,477.812	100.432	
	Govt. Loan?							
42	Add Central	373.892	8.65%	-	-	373.892	32.342	
	Govt. Loan 🛛							
5?	Total₫(1313-14)?	1,457.022	8.03%2	494.212	99.542	1,851.702	132.772	
62	Less							
	capitalisation							
7?	NetInterest?							
8?	Add prior							
	period							
9?	Total Interest ?							
10?	Finance							
	charges 🛛							
11?	Total [®] Interest [®]							
	and?							
	finance							
charges?								
	sof Loans for the	Year Fy201	3-14?					
1?	PFC							
2?	Total?							

Table 5.18 Details of Loans for the Year FY2012-13

(Rs. in Lakhs)

S.No?	Particulars [®]	Opening balance 한	Rate ^② of ^② Interest ^②	Addition during the Byear	Repayment [®] during [®] the [®] year [®]	Closing balance ₪	Amount [®] of [®] interest [®] paid [®]
1?	2?	3?	4?	5?	6?	7?	82
3?	Add State Govt. Loan	1,477.81?	9.04%?	846.51	-	2,324.32	171.832
4?	Add2 Central2 Govt. Loan2	373.892	8.82%	-	-	373.892	32.992
5?	Total@133-14)?	1,851.702	9.00%?	846.51	-	2,698.212	204.822
62	Less [®] capitalisation [®]						
7?	Net Interest ?						
8?	Add prior prior						
9?	Total Interest 2						
10?	Finance charges ☑						
112	Total [®] Interest [®] and [®] finance [®] charges [®]						
Detail	sof Loans for the	Øvear EV 201	/_150				
12							
22	Total						
3?		2,324.32	9.31%?	766.08	-	3,090.402	252.052
4?	Add Central	373.892	8.82%	-	-	373.892	32.99?
5?	Total 🛙 13 🗗 14) 🖸	2,698.212	9.25%?	766.08	-	3,464.292	285.042
62	Less ² capitalisation ²						
7?	Net Interest ?						
8?	Add prior prior						
9?	Total Interest I						
102	Finance [®] charges [®]						
112	Total [®] Interest [®] and [®] finance [®] charges [®]						
Details	sllof Loans for the		5-162				
1?	PFC?	1,500.002	12.50%	-	-	1,500.002	187.502
2?	Total						
39	Add State Govt. Loan	3,090.402	9.31%?	2,856.15	-	5,946.552	420.672

S.No?	Particulars [®]	Opening balance 한	Rate ^② of ^② Interest ^②	Addition during the Iyear	Repayment during year	Closing balance 한	Amount 2 of 2 interest apaid 2
1?	2?	3?	4?	5?	62	7?	82
4?	Add Central	373.89	8.82%	-	-	373.89	32.992
	Govt. Loan?						
5?	Total][13]-14)]	4,964.292	10.03%2	2,856.15	-	7,820.442	641.162
62	Less						
	capitalisation						
7?	Net Interest 2						
8?	Add Prior						
	period						
9?	Total Interest 2						
102	Finance						
	charges 🛛						
11?	Total2 Interest2						
	and						
	finance						
	charges?						
Detail	sof Loans for the	🛿 Year FY 201	L6-17?				
1?	PFC?	1,500.002	12.50%2	0?	0?	1,500.002	187.502
2?	Total						
3?	Add State	5,946.552	9.31%2	1334.32	02	7,280.852	615.742
	Govt. Loan?						
4?	Add Central	373.892	8.82%2	0?	02	373.89	32.992
	Govt. Loan?						
5?	Total₫13ඖ14)2	7,820.442	8.38%2	1,334.30	-	7,654.742	648.732
6?	Less						
	capitalisation						
7?	NetInterestI						
8?	Add prior						
	period						
9?	Total Interest I						
102	Finance						
	charges						
11?	Total [®] Interest [®]						
	and						
	finance						
	charges						

SI.No?	Particulars ₪	Opening balance	Rateଅ୍ରମିଥି Interestଥି	Addition during the year	Repaym [®] ent [®] during [®] the [®] year [®]	Closing Balance 2	Amount [®] of [®] interest [®] paid [®]
1?	2?	3?	4?	5?	6?	7?	8?
1?	PFC?	1,500.002	0.1252	0?	0?	1,500.002	187.502
2?	Total						
3?	Add2 State2 Govt.2 Loan2	7,280.852	9.31%2	459.82	0?	7,740.652	699.252
4?	Add [®] Central [®] Govt. [®] Loan [®]	373.892	8.82%ව	02	0?	373.892	32.992
5?	Total[](13]-14)2	9154.742	9.78%2	459.802	150.002	9464.54?	910.372
6?	Less capitalisation 2						
7?	Net ^{II} nterest ^I						
8?	Add prior period 2						
9?	TotalInterest?						
102	Finance [®] tharges [®]						
11?	Total [®] Interest [®] and [®] finance [®] tharges [®]						

Details of Loans for the Year FY 2017-182

The @summarized @statement @of @interest @and @finance @charges @for @control @period @are @statement @of @interest @and @finance @charges @for @control @period @are @statement @of @statement @of @statement @statementshown in Table below:2

				(Rs. Cr)
Particulars ²	FY 2014-152	FY 2015-162	FY 2016-172	FY 2017-182
Opening Balance [□]	26.982	34.642	63.202	76.552
Addition During the Pear 2	7.662	28.562	13.342	4.602
Repayment during the year	-	-	-	1.502
Closing Balance 2	34.642	63.202	76.552	79.652
Average Interest Tate 2	9.25%2	13.11%2	11.97%2	11.66%2
Interest Payable P	2.852	6.412	8.36?	9.102
Add: Finance Charge 2	-	-	-	-
Interest and Finance	2.852	6.412	8.362	9.102
Charges ²				

Table 5.19: Computation of Interest on Loan

 $Multi \ensuremath{\mathbb{P}} Year \ensuremath{\mathbb{P}} Tariff \ensuremath{\mathbb{P}} Regulations, \ensuremath{\mathbb{P}} 2014 \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} provide \ensuremath{\mathbb{P}} for \ensuremath{\mathbb{P}} Normative \ensuremath{\mathbb{P}} Loan \ensuremath{\mathbb{P}} on \ensuremath{\mathbb{P}} capital \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} provide \ensuremath{\mathbb{P}} for \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} provide \ensuremath{\mathbb{P}} for \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} provide \ensuremath{\mathbb{P}} for \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} provide \ensuremath{\mathbb{P}} for \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} also \ensuremath{\mathbb{P}} provide \ensuremath{\mathbb{P}} also \e$ projects @funded @with @equity @component @greater @than @30% @of @capital @cost. @The @interest with a construction of the project of therelevant provision is highlighted below: 2

"27. Debt-Equity Ratio

(27.1) For a project declared under commercial operation on or after 1.4.2015, if the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan;"

The INormative I oan Is I computed I as I closing Balance I of Equity I ess Equity Considered I for RoE for Revery I year. Based I on I above Provisions, I the Normative Loan I and Interest I are computed as below: I

				(Rs. Cr)
Particulars [®]	FY 2014-15?	FY 2015-162	FY 2016-172	FY 2017-182
Normative Loan 2	48.952	142.40?	222.46?	250.052
Rate of Interest 2	9.25%2	13.11%?	11.97%2	11.66%2
Interest? on? Normative?	4.53?	18.662	26.622	29.152
Loan				
Total Interest I	7.38?	25.072	34.982	38.252

The total Interest ton Loan Capital tas Interest ton Normative Loans is given in table below?

			(Rs. Cr)
Particulars [®]	FY 2015-16	FY 2016-17	FY 2017-18
InterestIon LoansIand FinanceIChargesI	6.412	8.362	9.102
Interest®n Normative Loan [®]	25.07	34.982	38.252
TotalInterestIand Finance ChargesI	31.492	43.352	47.352

MePTCLEsubmitsEbeforeEtheECommissionEtoEkindlyEapproveERs.EB1.49ECr,ERs.E43.35ECrE andERs.E47.35ECrEasEInterestEandEFinanceEChargesEforEFYE2015-16,EFYE2016-17EandEFYE 2017-18 respectively.E

Commission analysis

As Eper Ethe Escheme Ewise Einvestment EVs Efunding Efurnished Evide EAnnexure 22, EState E Government Eloans Eto Baltune Eof Es. E70.46 ECrore Band EPFc Eloan Eof Es. E15.00 ECrore Bare E proposed during the period FY 2012-13 to FY 2017-18 as detailed below: E

Year	State	PFC Loan	Grant	Total
	Government			
	Loan			
2012-13?	0.37ව		3.292	3.66?
2013-142	3.332		29.972	33.3?
2014-15?	53.842	15?	783.942	852.782
2015-16?	7.1?		166.382	173.482
2016-172	3.5?		31.52	35?
2017-18?	2.32		20.882	23.2?
Total	70.462	15?	1035.962	1121.42?

Table 5.22: Investment and Funding

Asi2verified from the Edetails 20 f 20 ans 25 urnished 26 as 26 bove 27 he 20 ans 26 vailed 26 reconciled 27 he 20 14-15 26 s 20 hot 20 considered 26 n 20 computation 20 f 27 hot 20 ho

The Commission approves Rs.6.16, Rs.8.09, Rs.8.80 Crore for the control period FY 2015-16, 2016-17 and 2017-18 respectively.

(Rs. Cr)

5.17 Interest on Working Capital

As@perTRegulationTB4.32(i)TofItheTMYTTRegulations, 2014, TtheTtomponentsTofTworking capital will be:

"34.2 Transmission Business

(i) The Transmission Licensee Shall be Callowed Interest Con the Cestimated Sevel Cof working capital for the financial year, computed as follows:

- Operation and maintenance expenses for one month; plus 2
- Maintenance spares at one (1) per cent of the historical cost escalated at 2
- 6% from the date of commercial operation; plus?
- Receivables
 Requivalent
 to
 two
 (2)
 month
 f
 f
 transmission
 charges
 calculated
 con
 target availability level;

InterestIshallIbeIsallowedIstIsterateIsequalItoItheIStateIBankIAdvanceIRateI(SBAR)IssIbnI 1stIAprilIofItheIfinancialIyearInIwhichItheIPetitionIsIIfiled."ITheIWorkingICapitalIsI calculated as shown in the table below:II

Table 5.23: Working Capital Computation Projected by MePTCL

					(Rs. Cr)
SI.?	Particulars ²	FY22014-152	FY22015-162	FY22016-172	FY22017-182
No.?					
1?	One⊡month O &⊡M⊡Expense?	5.972	6.472	6.692	6.922
2?	Maintenanceßpare Budget⊡	3.972	4.752	6.912	8.742
3?	Two months Receivables ?	23.792	30.542	35.282	37.752
4?	TOTAL	33.73?	41.762	48.872	53.412

The Interest on Working Capital is computed as shown in the table below:

Table 5.24: Interest on Working Capital projected by MePTCL

					(Rs. Cr)
SI.?	Particulars [®]	FY22014-152	FY22015-162	FY2016-172	FY2017-182
No. 🛛					
1?	Working? Capital?	33.732	41.762	48.872	53.412
	(Rs.ICr)₽				
2?	Bank [®] Advance [®]	14.75%2	14.75%2	14.75%문	14.75%2
	Rate 2 (SBAR) 2 as 2 on 2				
	1.4.142				
3?	Interest? on?	4.972	6.162	7.21?	7.88?
	Working? Capital?				
	(Rs.ICr)₽				

SBIEAdvanceBankERateE(SBIEPLR)EhasEnotEbeenErevisedEsinceENov'E13.ESBARErateEofE Nov' 13 has been considered here.E

MePTCL requested the Commission to kindly pprove Rs. 6.16 Cr, Rs. 7.21 Cr and Rs. 7.88 Cr respectively for FY 2015-16, FY 2016-17 and FY 2017-18.

Commission analysis

The interest on working capital is worked out based on approved costs as detailed in Table below:

Table 5.25: Interest on Working Capital approved by the Commission for Controlperiod FY 2015-16 to FY 2017-18

SI.?	Particulars ²	FY 2015-16?	FY 2016-172	FY 2017-18
No				
1?	O&M costs for one month?	3.91?	3.912	4.172
2?	Maintaining spares at 1% on	4.12?	5.472	6.182
	opening CGFA 🛛			
3?	Receivables (2) months ²	13.632	14.642	15.152
4?	Total Working Capital [®]	21.662	24.02	25.502
5?	Rate	14.752	14.752	14.752
62	Interest on Working Capital	3.202	3.542	3.762

The Commission approves interest on working capital Rs. 3.20 Crore, Rs. 3.54 Crore and Rs. 3.76 Crore for control period of FY 2015-16, FY 2016-17 and FY 2017-18 Respectively.

5.18 Computation of Return on Equity

The Drelevant Dregulations D for D determination D of D debt-equity D ratio D are D extracted D for D reference as below: D

"27 Debt-Equity Ratio

For a project declared under commercial operation on or after 1.4.2015, if the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan;

Provided that where equity actually deployed is less than 30% of the capital cost, the actual equity shall be considered for determination of tariff.

Provided further that equity invested in foreign currency shall be designated in Indian rupees on the date of each investment.

Provided any grant obtained for execution of the project shall not be considered as a part of capital structure for the purpose of debt-equity ratio.

Explanation:- The premium, if any, raised by the generating company or the transmission licensee or the distribution licensee, as the case may be, while issuing share capital and investment of internal resources created out of its free reserve, for the funding of the project, shall be reckoned as paid up capital for the purpose of computing return on equity, provided such premium amount and internal resources are actually utilized for meeting the capital expenditure.

In case of the generating station and the transmission system declared under commercial operation prior to 1.4.2015, debt-equity ratio allowed by the Commission for determination of tariff for the period ending 31.3.2015 shall be considered.

Any expenditure incurred or projected to be incurred on or after 1.4.2015 as may be admitted by the Commission as additional capital expenditure for determination of tariff, and renovation and modernization expenditure for life extension shall be serviced in the manner specified in this regulations."

The Regulation 31 of the MYT Regulations, 2014, provides for computation of Return² on Equity. The extract is reproduced below:²

"31 Return on Equity

Return on equity shall be computed on the equity base determined in accordance with regulation 27 and shall not exceed 14%.

Provided that in case of generation & transmission projects commissioned after notification of these regulations, an additional return of 0.5 % shall be allowed if such projects are completed within the time line as specified in CERC Tariff Regulations. Provided that in case of generation & transmission projects commissioned after the notification of these regulations an additional return of 1.5 % shall be allowed if such projects are completed within the original sanctioned project cost without any time and cost overrun whatsoever.

Provided that equity invested in a foreign currency may be allowed a return up to the prescribed limit in the same currency and the payment on this account shall be made in Indian Rupees based on the exchange rate prevailing on the due date of billing. The premium received while issuing share capital shall be treated as a part of equity provided the same is utilized for meeting capital expenditure.

Internal resources created out of free reserves and utilized for meeting capital expenditure shall also be treated as a part of equity."

"72. Debt-Equity Ratio

For the purpose of determination of tariff, debt-equity ratio in the case of existing, ongoing as well as new projects commencing after the date of notification of these regulations shall be 70:30. Where equity employed is more than 30%, of the capital cost the amount of equity for the purpose of tariff shall be limited to 30% and the balance shall be treated as loan. Where actual equity employed is less than 30%, of the capital cost the actual equity employed shall be considered. Provided that the Commission may, in appropriate case, consider equity higher than 30% for the purpose of determination of tariff, where the transmission licensee is able to establish to the satisfaction of the Commission that deployment of equity more than 30% is in the interest of general public

.....″

"74. Return on Equity

Return on equity shall be computed on the equity base determined in accordance with Regulation 32, at a fixed rate of 14 percent, per annum......

The equity amount appearing in the Balance Sheet as per Transfer scheme notification will be considered for the purpose of considering the return for the first year of operation.

.....″

Based Bon The Bove Bubmission The Return Bon Equity Bcomputation Bs Bhown Bn The Btable below: B

					(Rs. C	Cr)
Particulars ²	FY2 2012-132	FY2 2013-142	FY22014-152	FY2 2015-	FY2 2016-	FY2 2017-
	(Provisional) ?	(Provisional) ?	(Estimated) P	16?	17?	18?
				(Projected)	(Projected)	(Projected) 🛛
Opening	211.742	300.662	348.092	365.442	511.792	631.882
Balance						
Additions ²	88.922	47.432	17.352	146.352	120.092	41.382
DuringIthe						
year						
Closing	300.662	348.092	365.442	511.792	631.882	673.212
Equity						
Equity [®]	259.472	301.052	316.492	369.392	409.422	423.212
considered						
of RoE?						
RoE	14%?	14%?	14%?	14%?	14%?	14%?
RoE	36.33?	42.15?	44.312	51.71?	57.32	59.25?

Table 5.26: Return on Equity Computation Projected by MePTCL

MePTCLEsubmits@before@the@Hon'ble@Commission@to@kindly@approve@RoE@bf@Rs.**351.71** Cr, @Rs. 2**57.32** Cr2&@Rs. 2**59.25** Cr2for 2FY22015-16, 2FY22016-172 and 2FY22017-182 respectively. 2

Commission analysis

As per the Meghalaya Power Sector reforms transfer scheme 2010 notified on 31-03-2010 function wise opening equity as on 01-04-2008 is as detailed in table below:

		(Rs Cr)
SI. No?	Function	Amount
1?	Generation	248.402
2?	Transmission [®]	68.612
32	Distribution	135.482
42	Holding Company ?	510.762
5?	Total Equity [®]	963.252

Table 5.27: Function wise opening equity

The Dovernment Dof Meghalaya Din Dits Dlatest Dnotification Ddated D16-09-2013 Dhas modified Dthe Dtransfer Value Of Dassets Dand Diabilities Dand furnished revised consolidated Dequity Damount Dof DRs. 2767.55 DCrore Dreplacing Dthe Dearlier Ddeclared Dtransfer value as on 01-04-2008. D

Subsequently Paudited Pannual Paccounts Pfor PFY P2010-11 Pand P2011-12 Pof Pathe Pholding Pare Pfurnished Pare Prevised Pare Pfurnished Pending Pand Pare Pfurnished Pholding Pare Pfurnished Ppending Pallot ment Pof Pashares. Phole Pare Pfurnished Ppending Pallot ment Pof Pashares. Phole Pare Pfurnished Ppending Pallot ment Pof Pashares. Phole Ph

The Commission approves return on equity at Rs. 9.43 Crore, Rs. 9.43 Crore and Rs. 9.43 Crore for control period of FY 2015-16, FY 2016-17 and FY 2017-18 respectively subject to corrections as per regulations and audited accounts.

5.19 Other Income

The Regulation 265 20 fit he MYT Regulations, 22014, 2 provides 2 he 2 cost 2 components 20 fill MePTCL. The relevant regulation is reproduced below for ready reference: 2

"65 Components of tariff......?

The Annual Transmission Charge of the Transmission Licensee shall be determined after deducting the following components from the Annual Expenditure as determined above:

- a. Income from surcharge and additional surcharge for Open Access Consumers if any
- b. Transmission/wheeling charges recovered from Open Access Consumers, if any
- c. Authorised portion of Income/ Revenue from other business engaged in by the Licensee for optimum utilization of assets, if any."

The Bummary Bof Dother Income Dis Brentioned Din Dable 26 Below. The Edetail Bof Any Dother Income Dis Benclosed Din Format D. Hon'ble Brommission Dis Brequested Bo Bapprove Disc. 6.24 Cr as other Income for FY 2015-16 to FY 2017-18.

Table 5.28: Other Income Summary Projected by MePTCL

(Rs Cr)

Particulars [®]	FY2014-15?	FY2015-162	FY2016-172	FY2017-182
	(Estimated) 🛛	(Projected)?	(Projected)	(Projected)
Charges Recoverable	6.22?	6.222	6.222	6.22?
from DA Consumer 2				
Any Dther Income	0.012	0.012	0.012	0.012
Total Other Income?	6.24?	6.24?	6.242	6.24?

MePTCL requested the Commission to kindly approve D ther Income of Rs. 6.24 Cr for each year of control period.

Commission analysis

The Commission after checking the records of FY 2014-15 approves income from OA consumers at 5.23 crores and .01 crores from other sources. Accordingly the Commission approves other expenses at Rs. 5.24 Crore per annum for the control period of FY 2015-16, FY 2016-17 and FY 2017-18 as projected by MePTCL.

Annual License Fee

As 2 per 2 Regulation 265.3(g) 2 of 2 the 2 MYT2 Regulations, 2014 2 the 2 Annual 2 License 2 fee 2 payable 3 by 2 the 2 ransmission 2 Licensee 3 S 3 part 3 of 3 the 2 Annual 2 xpenditure 3 of 3 MePTCL. 2 In 2 accordance 2 with 2 Regulation 2 5 2 and 2 Schedule 2 1 2 of 2 Meghalaya 2 State 2 Electricity 2 Regulatory 2 Commission 2 (Fees 2 and 2 Charges) 2 Regulations, 2 009, 3 MePTCL 2 heeds 2 to 2 pay 2 Rs. 0.03 Crore as 2 Annual 2 License 2 Fee 2 for 2 each 2 Financial 2 Year. 2 Therefore 2 Hon'ble 2 Commission 2 MePTCL 2 low 2 Rs. 0.03 Crore to 2 be 2 passed 2 through 2 as 2 part 3 of 2 annual 2 expenditure of MePTCL. 2

Commission analysis

The Commission approves annual license fee of Rs. 0.03 Crore per annum for Control Period of FY 2015-16 to FY 2017-18

5.20 SLDC Charges

As@per@as@Regulation@1,@3(3)@,@3(6)@of@MSERC@(Levy@and@Collection@of@State@Load@ Despatch@Centre@Fees@and@Charges)@Regulations,@2009,@MePTCL@will@need@to@bear@ 50%@of@the@Annual@Revenue@Requirement@of@SLDC.@As@per@nformation@received@from@ SLDC,@the@total@ARR@of@SLDC@for@the@FY@2015-16,@FY@2016-17@and@FY@2017-18@s@Rs.@ 2.62 Cr, Rs. 3.32 Cr and Rs. 3.73 Cr. Therefore it is submitted that the Rs. 1.31 Cr, Rs.@ 1.66@Cr@and@Rs.@1.86@Cr@(50%@of@the@total@SLDC@ARR)@may@kindly@be@allowed@to@be@ passed through as SLDC charges as a part of Transmission ARR.@

Commission analysis

The Commission Phases eparately Edetermined The PARR of SLDC for FY 2015-16 Pand In The control period in the following manner: P

2015-162	2016-172	2017-182
2.102	2.002	2.302

As per the approved ARR of SLDC for control period 50% of the SLDC ARR allocated to Transmission license is as detailed below.

SI. No?	Particulars ²	2015-162	2016-172	2017-18
1?	Net ARR of SLDC	2.10	2.002	2.302
2?	50% Bllocated to Transmission 2	1.052	1.002	1.15?

Table 5.29 Allocation of expenses T	ransmission
-------------------------------------	-------------

5.21 Aggregate Revenue Requirement

Based[®]on[®]the[®]detailed[®]computation[®]of[®]ARR[®]components,[®]the[®]abstract[®]of[®]ARR[®]is[®] shown[®] n[®]the[®]table[®]below[®]and[®]ttached[®]as[®]Format[®]D7.[®]MePTCL[®]submits[®]before[®]the[®] Hon'ble[®]Commission[®]to[®]kindly[®]approve[®]Net[®]ARR[®]bf[®]Rs.[®]183.23[®]Cr,[®]Rs.[®]211.69[®]Cr[®]and[®] Rs.[®] 226.50[®] Cr[®] for[®] FY[®] 2015-16,[®] FY[®] 2016-17[®] and[®] FY[®] 2017-18[®] respectively.[®] The[®] component-wise summary of ARR is given in table below:[®]

Table 5.30: Annual Transmission Charges Projected by MePTCL

					(Rs. Cr)
SI.No.?	Particulars?	FY2014-152	FY2015-16?	FY2016-172	FY2017-18?
		(Estimated)	(Projected) 🛛	(Projected) 🛛	(Projected) 🛛
1?	Return on Equity? (RoE)	44.312	51.712	57.322	59.252
22	Interest [®] on [®] Loan [®] capital [®]	10.232	31.492	43.352	47.352
3?	OperationandMaintenanceexpenses	71.582	77.682	80.222	83.042
4?	Interest [®] on [®] Working [®] Capital [®]	4.97?	6.162	7.212	7.882
52	Depreciation 22 as 2 may 2 be 2 allowed 2	18.722	23.702	31.462	37.052
6?	Taxes [®] Income	-	-	-	-
7?	Annual License I ee 2	0.032	0.032	0.032	0.032
8?	SLDC Charges?	0.862	1.312	1.662	1.862
92	Total Annual Expenditure	150.702	192.092	221.242	236.462
10?	Less: SLDC ARR	1.72?	2.62	3.32?	3.732
11?	Less: Other Income	6.242	6.242	6.24?	6.242
122	Net [®] Annual [®] Revenue [®] Requirement [®]	142.752	183.232	211.692	226.502

Commission analysis

Based[®]on[®]the[®]Commission's[®]analysis,[®]the[®]Aggregate[®]Revenue[®]Requirement[®](ARR)[®]/[®] Annual fixed charges as approved by the Commission are given in the Table below:[®]

Table 5.31: Aggregate Revenue Requirement approved by the Commission for			
16 to FY 18			

				(Rs. Cr)
SI. No	Particulars [®]	2015-16?	2016-172	2017-182
1?	O&M ⊞ xpenses ₪			
aS	Employee I tost ?	17.82	18.82	19.92
b?	R&M expenses ⊡	6.72	4.32	4.62
CS	A&G Expenses *?	22.52	23.92	25.142
2?	Depreciation 2	18.592	21.44?	22.29
3?	Interest Interest Interest Interest Interest Interest Interest Interest Interest Interesting Interesti	6.162	8.092	8.802
4?	Interest? on? Working?	3.202	3.542	3.762
	Capital			
5?	Return on ⊞ quity	9.432	9.432	9.432
62	Charges of SLDC ₪	1.052	1.02	1.152
7?	Annual dicensee de se	0.032	0.032	0.032
	Total	85.462	90.532	95.102
8?	Less: Other Income 2	5.242	5.242	5.242
92	Less: SLDC ARR	2.102	2.002	2.302
	Net ARR	78.12	83.292	87.562

* including the charges of MeECL the holding company.

Sharing of Transmission Charges when more than one beneficiary in the Transmission system

MePTCL submits that based on the Annual Fixed Cost approved by Commission it will calculate the Transmission Charges based on following provisions:

"72 Sharing of Transmission Charges

In case of more than one beneficiaries of the transmission system, the monthly transmission charges leviable on each beneficiary shall be computed as per the Following formula:

Transmission charges for transmission system payable for a month by the beneficiary of that transmission system == $\left[\frac{TC}{12} - TRSC\right] x \frac{CL}{SCL}$

Where

TC= Annual Transmission charges computed in accordance with Regulation 65.

CL=Allotted transmission capacity of the beneficiary

SCL=Sum of allotted transmission capacities of all the beneficiaries of the state transmission system

TRSC=Total recovery of transmission charges for the month from short term transmission consumers."

Computation and payment of transmission charge for Intra-State Transmission system.

The fixed cost of the transmission system shall be computed on annual basis, in accordance with norms contained in these regulations, aggregated as appropriate, and recovered on monthly basis as transmission charge from the users, who shall share these charges in the manner specified.

The transmission charge (inclusive of incentive) payable for a calendar month for a transmission system or part thereof shall be

= AFC x (NDM / NDY) x (TAFM / NATAF)

Where,

AFC = Annual fixed cost specified for the year, in Rupees. NATAF= Normative annual transmission availability factor in percent NDM = Number of days in the month NDY = Number of days in the year TAFM = Transmission availability factor achieved during the month, in % The transmission licensee shall raise the bill for the transmission charge (Inclusive of incentive) for a month based on its estimate of TAFM. As per the Annexure-III of MYT Procedure for Calculation of Transmission System Availability Factor for a Month as per latest CERC Regulations

The TAFM shall be computed in accordance with the following formula:

 $TAFM = (100-100 \times NAFM) \text{ where}$ $NAFM = \left[\sum_{l=1}^{L} (OH_l \times Cktkm_l \times NSC_l) + \sum_{t=1}^{T} (OH_t \times MVA_t \times 2.5) + \sum_{r=1}^{R} (OH_r \times MVAR_r \times 4)\right] \div THM \qquad [Cktkm_l \times NSC_l + MVAr_r \times 4) + J$

Where,

l identifies transmission line circuit

t identifies transformer circuit

r identifies bus reactor, switchable line reactor and SVCs.

T= total no. of transformers and ICTs.

L= total no. of line circuits

R= total no. of bus reactors, switchable line reactor and SVCs.

Ckt km= length of a transmission line circuit in km

NSC= no. of sub conductors per phase

MVA= MVA rating of transformer/ ICTs

MVAR=MVAR rating of bus reactor, switchable line reactor and SVCs.

THM= Total hours in a month

OH= Outage hours or hours of non-availability in a month, excluding the duration of

outages not attributable to transmission licensee

NAFM for each HVDC system shall be calculated separately, as follows :

NAFM = [Σ (TCR x hours)] ÷ [THM x RC]

Where

TCR = Transmission capability reduction of the system in MW

RC = Rated capacity of the system in MW. For the above purpose, the HVDC terminals and directly associated EHV / HVDC lines of an HVDC system shall be taken as one integrated system.

It is approved that MePTCL, the transmission licensee in the State will be entitled to recover Annual Transmission Charges of Rs. 78.12 crores in the year 2015-16 from its beneficiaries in accordance@with@the@provisions@of@the@Regulations.@However,@MePDCL@being@the@main@ beneficiary@at@present@this,@amount@shall@be@paid@by@MePDCL@to@MePTCL@n@twelve@monthly@ installments@of@Rs.6.51@crores@per@month@subject@to@availability@of@transmission@hetwork@n@ accordance with the Regulations as may be certified by SLDC.@

Open Access Charges

6.1 Computed the Open Access Charges

MePTCLEhasEcomputedEtheEopenEaccessEchargesEforEFYE2015-16EonEtheEprojectedE energy of 1481.42 MU to be handled by MePTCL during FY 2015-16.E The average load projected to be servedE (ALST) = 1481.42X1000X24X365E

= 169.11 MW.2

Commission Analysis

As 2 per 2 energy 2 balance 2 approved 2 by 2 the 2 Commission 2 in 2 the 2 order 2 and 2 the 2 present 2 load 2 of 2 the 2 Commission 2 approves 21 70.40 2 MW 2 as 2 the 2 Average 2 Load 2 for 2 2015-16.2

6.2 Open access charges/Transmission charges for FY 2015-16

The open access charges projected by MePTCL based on projected ARR and approved by the Commission based on approved ARR are furnished in table below.

SI. No.2	Particulars [®]	Projected by MePTCL	Approved by the commission
1?	MePTCL ARR (Rs. Cr)	183.232	78.122
2?	Average Load (MW)	169.11?	170.402
32	Open Access charges Rs. MW/per day IRs)	29684.252	125602

The Commission Papproved Popen Paccess Pacharges Pof Pass. 212560 Pper PM Weiper Paday For PY 2015-15 Perfective From 201.04.2015. 21 his Prate Pahalle De Papplicable For Pall Popen Paccess 2 consumers. 2

In Border to meet the Brequirement of Ethe Bregulations, Ethe transmission Btharges For all consumers Encluding Bopen Baccess Btonsumers Bhall Be Brs. 20.73 Bper Bunit. BHowever Ethe 832

recovery of charges from the open access consumers shall be done strictly as per the regulation 2120f MSERCE (Terms and Conditions of Open Access) Regulations 2012 and to amendments. All other tharges shall be as per regulations Constant and Commission's orders issued from time to time.

6. Directives

7.1 Compliance of Directives of MSERC vide Transmission Tariff Order dated 10.04.2014 for 2014-15

- The provisions of the State Grid Code with regard to interface meters, monitoring2 of2drawal,@record2keeping2and2operation2are2being2followed2by2MePTCL.2The2 State2Load2Despatch2Centre2is2closely2monitoring2the2system2operation2and2 ensures that the transfer of energy is according to CERC's guidelines.2
- The Statements Bof Accounts For FY2011-12 Phave Been Baudited Band The Baccounts For FY2012-13 Pare Being Burrently Baudited. The Preparation Bof PAsset Register Is Planned Bor Beelundertaken Bafter The Begregation Bof Baccounts For MeECL Band Its subsidiaries. Planned Back Statement Science Statements For Statement Science Science Science Statement Science S
- MePTCLEhasEsubmittedEtheESeniorElectricalEnspectorEcertificatesEofEcompletedE projectsE toE MSERCE videE letterE No.E MePTCL/ACE/T&T/T-102/2013-14/80E DistributionETransformerE20.01.2014.ETheEcertificatesEofEctherEprojectsEshallEbeE submitted to MSERC on completion and when received from the Senior ElectricalE Inspector.E
- Functional® independence® o® SLDC® has® been® notified® vide® Government® of® Meghalaya,® Power® Department® notification® no.® Power-79/2009/445® dated® 18.06.2013®wherein®t®was@mandated@that@(i)@the@SLDC@shall@work@as@a@Strategic@ Business@Unit@(SBU)@under@the@State@Transmission@Utility@(STU),@MePTCL.@The@ SLDC@shall@remain@under@administrative@control@of@MePTCL.@A@separate@bank@ account@for@SLDC@has@been@pened@w.e.f@7.08.2013@for@SLDC.@SLDC@s@perating@ the@Bank@account@for@collection@of@Application@fee,@Ul@charges,@Reactive@Energy@ charges@tc.@The@complete@ring@fencing@s@expected@after@the@total@segregation@fe MePTCL becomes effective.@
- The 2 status 2 of 2 metering 2 and 2 mechanism 2 for 2 recording 2 and 2 collection 2 of 2 information 2 required 2 for 2 calculation 2 of 2 voltage 2 wise 2 osses 2 at 2 ransmission 2 evel 2

- Preparation2of2the2Norms2for2Operation2and2Maintenance2require2a2primary2 input2which2is2segregated2cost2of2network-wise2assets.2However,2currently2the2 accounts2of2companies2are2being2segregated2for2the2year2FY2013-142which2will2 provide a base for accounting of MePTCL revenue and expenditure.2Also, MePTCL2 is a newly incorporated entity which is in second year of its segregated operation2 and2is2yet2to2streamline2its2processes2to2arrive2at2such2expenditure2details2 required for finalization of O&M norms.3Keeping in view the genuine constraints,2 it is submitted that MePTCL will be in a position to submit the O&M norms during2 filing of Mid-Term Review petition.2
- MePTCLissicomplying with the directives issued by dispatch is enters/ appropriate authorities in 2014 15.2

New Directives

- 1. As Ediscussed In The Border, MePTCL Shall Submit Its Investment Plan Proposed to DeIn The Bontrol Period to The Commission For Its Papproval By B0.08.2015. The Delan Should DeD accompanied with Dagreement Dof Financing, Dapproval from appropriate authority and details of the project with cost benefit analysis, etc. D
- 2.2 While Billowing Dpen Baccess, Ethe STUE shall Bensure Ethat Ethe Bavailability Bapacity Df2 the Dine Done which Dopen Baccess Bahall Bake Dace Dis Bufficient. Dn Bho Base Dt Bahould hinder the power flow to the distribution licensee. It is further directed that STU, 2 while Bcomputing Ethe Bare Bcapacity Dn Ethe Btransmission Dines, Bahall Dinclude Ethe Devacuation Dof Dower D from Dnew D central D generating D stations D that D are D being D allocated Bro By Again Ethe Bcontrol Deriod. BAny Failure D fathe Brid Bon Baccount D of Dover Butilization D for the D state D position D of Distribution D for Dever Batter D state D sta

capacity 2addition 2by 2 the 2central 2generating 2stations 2 to 2 the 2state 2n 2 the 2control 2 period. This report should be submitted by 30.08.2015.

- 3. STU shall also ensure the compliance of provision of grid code, MSERC regulation while Compliance of provision of grid code, MSERC regulation while Complexity while Complexity and Com
- 4. While allowing ARR, the capital investment plans considered for depreciation and loan repayments? are? indicative? figures? and? shall? be? approved? only? after? submission of business plan by the licensee latest by 30.08.2015.?
- 5. The Commission is concerned about the incompleteness of accounts for FY 2012-132&2013-14. It is therefore decided that the Commission shall accept the investment plans if submitted with the audited results by 30.08.2015.

ANNEXURE - 1

RECORD NOTE OF THE PUBLIC HEARING HELD ON 09.03.2015 IN THE MSERC CONFERENCE HALL ON THE PETITION FILED BY MEPTCL FOR APPROVING THE MYT ARR FOR FY 2015-16 AND CONTROL PERIOD AND CHARGES OF OPEN ACCESS IN TRANSMISSION FOR FY 2015-16.

Record Note of Public Hearing

- 1)² Chairman²MSERC²welcomed²the²participants²who²had²come²to²attend²the²he²he²ne² Chairman²explained²the²salient²features²of²the²MYT²and²related²issues²to²it.²The² Chairman²has²shown²his²concerned²that²the²audited³records²are³required²to²be²iled²for² validations²of²the³revenue²and²expenditures²of³MYT²period.³t²was²submitted²by²MeECL² that²the²accounts²for²FY²2012-13²are²completed²and²the²State²Government²s²in²the² process²of² publishing²its²transfer²schemes²for²Segregated²entities²very²soon.²The² Commission required MeECL²to submit the³Status of³accounts and³ts audit³ncluding²the²
- 2) Byrnihat Endustries Association, Prepresented By Ms. E. Eahoo, Expressed Econcern Bof Ethe industries. On the ARR of transmission BIA objected to non filing of truing up petition for the Eperiod Eup Eto E2013-14. They Expressed Ethat Ewithout Etruing Eup Eof Eprevious Eyear Eta would not be reasonable to decide the ARR of MYT as per Commission's regulations. BIA objected and required the Edetails of projections of additional capital expenditures in the control Eperiod Exoted Ether Ecost Ebene fit Eanalysis Eof Eadditional Eassets Eto Ebe added in the transmission system. E
- 3) BIA objected to allow the depreciation on the assets which are not completed so far but are projected In the PARR. They Balso Edemanded that Bassets Ecreated Ewith Brants Portion of the portion of the set of the portion of the portion

depreciation, Interest and requity. Interest and required a solution of the so

- 4)2 BIA Praised Ban Bobjection Bon Bahe Banterest Bpart Bof Bahe BARR Band Bought Baterials Bof Prepayment 2 schedule Bon Bahe Boans Baken Bo Praise Bar. 2 Similarly, Bahey Bave Praised Ban Bobjection Bor Ban BO B 2 MB cost Bprojected Ban Bahe BARR. 27 hey Bought Ban Bexplanation Bor Ban Bancrease Bof Babout Bancre 2 than 2 two 2 times 2 in 2 the 2 employees 2 cost. 2 MeECL 2 explained 2 that 2 by 2 mistake 2 and 2 typographical Berror Bahis Base Book 2 Cost. 2 MeECL 2 explained 2 that 2 by 2 mistake 2 and 2 the Bemployees B cost Babout Prove Bave Briven Barification Bo Bahe Commission Bahat 2 the Bemployees B cost Babout 2 the 2 Bance Barificantly. Bimilarly BIA Prequired B MeECL 2 to Present 2 the Befficient Barr Bare Bated Bavith Bemployees Baumber. Begarding B Babout 2 MeE CL 2 to Bares, BIA 2 required B MeECL 2 to B 2
- 5) MePTCL Explained To The Commission That They Thave Types The Point Swise Teplies To The Point Swise Teplies To The Point Swise Teplies To The Point Switch Tegard Teplies The Teplies The Teplies Teplies Teplies The Teplies Tepli
- 6) BIADraised Dobjection Dwith Dregard Dto Dcross Dsubsidy Dsurcharges Dand Dits Dcomputation Dis Dis required Dto Dbe Ddone Das Dper DNational DTariff Delicy Dformula. DMePTCL Drequested Dthe Commission Dto Dmaintain Dthe Dcross Bubsidy Das Dper Dthe Dactual Dcross Bubsidy Detween Dthe subsidising and subsidised consumers. D
- 7) BIAEopposedEtheElevelEofEtransmissionElossesEprojectedEinEtheEARRE@EofE5.5%EandE requestedEtheECommissionEthatEtEshouldEbeEbasedEonEactualEossesEnEtheEtransmissionE network.EMePTCLEexplainedEthatEtheElossesEareEbasedEonEtheEenergyEaccountingEtakenE from the difference of input energy and output energy from the transmission substationE to distribution system.E
- 8) BIA Buggested Ethat Ethere Bhould Be Etransmission Etharges Eto Be Etharged Bon Ethe Ebasis Bof E actual Etransaction E and Enot E on Ethe Ebasis E of Ecapacity. EThe EChairman Explained Ethe E provision E of Eregulations Ethat Echarges E of Eopen Eaccess Eshould Ebe Erecovered Eas Eper Ethe E regulations E on Ecapacity, Escheduling For Eactual Etransaction Ewhichever Eis Ehigher. EThe E

Commission 2 required 2 the 2 licensee 2 to 2 recover 2 the 2 dues 2 as 2 per 2 the 2 Commission's 2 regulations 2 and 2 thanges as may be 3 ixed 3 rom 2 time 2 to 2 time. MePTCL 3 equired 2 time 2 up 2 to 2 16th March, 2015 to give its reply on the objection filed by BIA on open access. A copy of 2 objections was handed over to MePTCL during the hearing. 2

- 9) The Chairman Explained That With Today's Thearing The Proceedings Swith The Imatter Tof ARR of transmission and open access charges are completed.
- 10) The hearing ended with a vote of thanks from the Chairman, MSERC.²

(J.B. Poon) Secretary, MSERC

LIST OF PARTICIPANTS IN THE PUBLIC HEARING ON 09.03.2015

MePTCL/MeECL

- 1. E.W Nongrum, Chief Engineer (T), MeECL
- 2. L.M.F. Sohtun, Add. Chief Engineer (T)
- 3. A. Kharpan, Add. Chief Engineer (Com).
- 4.2 M. S. Rawat, Chief Accounts Officer, MeECL2
- 5. M. Marbaniang, SE (T & T)
- 6.2 F.E. Kharshiing SE, SLDC
- 7. P.Sahkhar, SE (RA&FD)?
- 8.2 R. Syiem, SE (T&T)?
- 9.2 J. Hynniewta, SE (Elect-II)2
- 10.2 A. Shabong, Account Officer?
- 11.2 L. Kharpran, Section officer?
- 12.2 B. Wankhar, MO2
- 13.2 P. Mehta, Consultant, Feedback2
- 14.2 S. Bhavsar, Consultant, Feedback2
- 15.2 K.Swer, Consultant, Feedback
- 16. Nand Kishore, Consultant, PFCCL?
- 17.2 R.Jyrwa, Section Officer 2
- 18.2 K.A. Sohtun, Section Officer 2

BIA?

- 1.2 Ms. S. Sahoo, Advocate.2
- 2. Shri Anand Shankar Roy?