



## **TARIFF ORDER**

**Determination of Tariff for FY 2016-17**

**And**

**True-up for FY 2013-14**

**Petition No. 191/2016**

**for**

**Puducherry Power Corporation Limited (PPCL)  
Gas Power Station (32.5 MW)**

May 23' 2016

संयुक्त विद्युत विनियामक आयोग (गोवा राज्य और संघ शासित प्रदेशों के लिए)

JOINT ELECTRICITY REGULATORY COMMISSION

For the State of Goa and Union Territories,

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3	Public Notices issued by the Commission for intimation of Public Hearing

## List of Abbreviations

<b>Abbreviation</b>		<b>Full Form</b>
Act	:	Electricity Act, 2003
APC	:	Auxiliary Power Consumption
CERC	:	Central Electricity Regulatory Commission
CGS	:	Central Generating Station
Commission/JERC	:	Joint Electricity Regulatory Commission for the state of Goa and union territories
EA 2003	:	Electricity Act, 2003
EDP	:	Electricity Department, Puducherry
FC	:	Fixed Charges
FY	:	Financial Year
GFA	:	Gross Fixed Assets
GCV	:	Gross Calorific Value
JERC	:	Joint Electricity Regulatory Commission for the state of Goa and union territories
MU	:	Million Unit
MW	:	Mega Watt
NAPAF	:	Normative Annual Plant Availability Factor
O&M	:	Operation and Maintenance Expenses
PAF	:	Plant Availability Factor
PLF	:	Plant Load Factor
PPA	:	Power Purchase Agreement
PPCL	:	Puducherry Power Corporation Limited
RO	:	Reverse Osmosis
RoE	:	Return on Equity
SHR	:	Station Heat Rate

Before the

**Joint Electricity Regulatory Commission**  
**for the State of Goa and Union Territories**  
Gurgaon

CORAM

S. K. Chaturvedi (Chairperson)

Ms. Neerja Mathur (Member)

**Petition No. 191/2016**

In the matter of

Determination of Generation Tariff for the Financial Year 2016-17 for Puducherry Power Corporation Limited (PPCL) Gas Power Station (32.5 MW)

And in the matter of

Puducherry Power Corporation Ltd. (PPCL).....Petitioner

Electricity Department, Puducherry .....Respondent

**ORDER**

Date: May 23' 2016

**1. INTRODUCTION**

**1.1 JERC Formation**

In exercise of the powers conferred by Section 83 of the Electricity Act, 2003 the Central Government constituted a two member (including Chairperson) Joint Electricity Regulatory Commission for all Union Territories except Delhi to be known as "Joint Electricity Regulatory Commission for Union Territories" with headquarters at Delhi as notified vide notification no. 23/52/2003 – R&R dated May 2' 2005. Later on with the joining of the state of Goa, the Commission came to be known as "Joint Electricity Regulatory Commission for the State of

Goa and Union Territories” as notified on May 30’ 2008. The Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Andaman & Nicobar Islands, Chandigarh, Dadra and Nagar Haveli, Daman & Diu, Lakshadweep and Puducherry) started functioning with effect from September 2008. Office of the Commission is presently located in Gurgaon, Haryana.

## **1.2 Puducherry Power Corporation Limited (PPCL)**

Puducherry Power Corporation Limited (hereafter referred to as ‘PPCL’ or ‘Petitioner’), an undertaking of Government of Puducherry, is a Government company within the meaning of Companies Act, 1956. Further, it is a “Generating Company”, as defined under sub-section 28 of section 2 of Electricity Act, 2003.

PPCL was incorporated on 30<sup>th</sup> March 1993, with the objective of generating 32.5 MW of Electricity (22.9 MW from gas turbine and 9.6 MW from Steam turbine) at Karaikal which is one of the outlying regions of Union Territory of Puducherry. The required gas of 1.91 lakhs cubic meter of gas per day is obtained from the gas wells at Narimanam in the Cauvery basin under an agreement with GAIL (India) Ltd.

The Karaikal Gas Power Station was declared commercial operation w.e.f. January 3’ 2000 and is supplying power to Electricity Department Puducherry (EDP) under a PPA signed with them on February 25’ 2002. Consequent to setting up of the Joint Electricity Regulatory Commission (JERC), the Petitioner had filed Petition for determination of tariff for the period FY 2011-12. The Commission vide Order dated August 6’ 2011 had approved tariff with effect from June 2011 for FY 2011-12. Subsequently, based on Review Petition filed by the Petitioner, the Commission had revised the tariff vide its Order communicated to PPCL on December 28’ 2011 and the Corporation then filed Appeal No. 41 of 2012 to APTEL against the Review Order pertaining to the Tariff Order FY 2011-12 (Order dated December 28’ 2011) which was disposed of by APTEL with directions, as per the judgment dated November 21’ 2012.

In the light of observations and findings of Hon’ble APTEL in Appeal No. 41/2012, the Petition for tariff determination for FY 2011-12 (Petition No. 18/2010) and Review Petition for FY 2011-12 (Petition No. 45/2011) were restored by the Commission vide its Order dated December 19’ 2012.

The Commission carried out detailed proceedings in this matter and subsequently vide its Order dated April 29’ 2013 approved capital cost of Rs 146.45 Crores for FY 2011-12 as against the earlier approved capital cost of Rs 137.77 Crores. The Order observed that the approved capital cost of Rs 146.45 Crores will be considered along with the audited accounts at the time of approval of True-up for FY 2011-12, True-up for FY 2012-13 and Review for FY



2013-14. Accordingly, the same had been considered by the Commission while taking up True-up for FY 2011-12 and FY 2012-13 along with the Review for FY 2013-14.

At present, the tariff of the instant station is at a rate fixed by the Commission to PPCL vide Commission's Order dated March 31' 2015 on the basis of Petition filed for the tariff period FY 2015-16.

### **1.3 Regulations**

The Commission, in exercise of the powers conferred upon by the Electricity Act, 2003 has notified JERC (Terms and Conditions for determination of Tariff) Regulations, 2009 for determination of tariff (hereinafter referred to as the 'JERC Tariff Regulations 2009').

As per provisions of Clause 19 of the JERC Tariff Regulations 2009 and amendments thereon, the Commission, while determining the cost of generation of each thermal/gas/hydro-electric generating stations located within the State, shall be guided, as far as feasible, by the principles and methodologies of CERC, as amended from time to time.

### **1.4 Filing of Petition**

The Petitioner was mandated to file the Tariff Petition for the tariff period FY 2016-17 before November 30' 2015. The Petitioner submitted before the Commission that the collection of data/information from various sources is taking more than the estimated time and submitted before the Commission that it may be allowed to file the Tariff Petition in the second week of January 2016.

Due to the delay in filing of the Petition as per the regulatory timelines, the Petitioner filed an application for condonation of delay in filing the Tariff Petition for FY 2016-17 before the Commission vide its letter dated December 8' 2015. The Commission acceded to the request of the Petitioner and granted extension of time up to January 15' 2016 for filing of the Petition vide its letter dated December 22' 2015.

PPCL then filed its Petition before the Commission for approval of tariff for FY 2016-17 for Puducherry Gas Power Station (32.5 MW) for sale of power to the deemed distribution licensee of Puducherry which was received at the Commission's office on January 7' 2016, under Section 62 read with Regulation no. 3 to 10 of JERC Tariff Regulations 2009.

The True-up Petition for FY 2013-14 was also received at the Commission's office on January 7' 2016.

### **1.5 Admission of Petition**

The Commission admitted the Petition for determination of Generation Tariff for PPCL for FY 2016-17 along with the True-up for FY 2013-14 on January 8' 2016. The copy of the letter stating the admittance of the Petition is enclosed as **Annexure 1** to this Order.

In compliance of Regulation 29 of JERC (Conduct of Business) Regulations 2009 and Regulation 12(5) of the JERC Tariff Regulations 2009, the Petitioner was directed to publish the Public Notice of the Tariff Petition (abridged form) in at least three newspapers widely circulated in the area of UT of Puducherry, highlighting the Petition and outlining the existing & proposed tariff. Further, it was indicated that the Public Notice should highlight that the suggestions/objections from the general public/stakeholders should be received latest by January 25' 2016. The Petitioner was directed to submit the copies of the newspapers in which the Public Notice is published, before the Commission.

### **1.6 Interaction with the Petitioner**

The Commission interacted regularly with the Petitioner to seek clarifications and justification on various issues essential for the analysis of the Tariff Petition. The Commission and the Petitioner also discussed key issues related to the Petition, which included norms of operation of the plant, details of fuel expenses submitted to the Commission, etc.

The Technical Validation Session (TVS) was held at Puducherry on January 27' 2016, where the representatives of the Petitioner and the Commission were present. The Commission carried out prudence check of the bills submitted and sought clarifications in the submissions of the Petitioner.

The Petitioner submitted its replies, as shown below, in response to the queries raised by the Commission, which have been considered during approval of the tariff of the Petitioner.

**Table 1: List of Correspondence with PPCL**

S. No.	Date	Subject
1.	19.01.2016	Queries and data deficiencies sought by the Commission
2.	22.01.2016	Reply to the deficiency note
3.	22.01.2016	Additional data submitted by PPCL in response to the deficiency note
4.	03.02.2016	Clarifications sought by the Commission post the TVS held on 27.01.16
5.	05.02.2016	Response by PPCL on the clarifications sought by the Commission post the technical validation session
6.	22.02.2016	Additional clarifications by the Commission required for True-up for FY 2013-14
7.	24.02.2016	Reply by PPCL on the additional clarifications sought for True-up of FY 2013-14

## 1.7 Public Hearing Process

The Commission directed the Petitioner to publish the summary of the Tariff Petition in abridged form and manner as approved in accordance with the Section 64 of the Electricity Act 2003 to ensure wide public participation.

The Public Notice was published by the Petitioner in the following newspapers for inviting objections/ suggestions from the stakeholders on the Tariff Petition:

**Table 2: Details of Public Notice published by the Petitioner**

S. No.	Date	Name of newspapers	Place of Circulation
1.	13.01.2016	The Hindu (English Edition)	Puducherry, Karaikal
2.	14.01.2016	Daily Thanthi (Tamil edition)	Puducherry, Karaikal
3.	14.01.2016	Kerala Kumudhi (Malayalam Daily)	Mahe
4.	14.01.2016	Janamitra (Telugu Daily)	Yanam

The Petitioner also cited the Public Notice and the Petition on its website ([www.ppcl.puducherry.gov.in](http://www.ppcl.puducherry.gov.in)) for inviting objections and suggestions on the Petition.

Interested parties / stakeholders were requested to file their objections/suggestions on the Petition on or before January 25' 2016. The copies of the Public Notice are attached as **Annexure 2** to this Order.

The Commission published the notice for Public Hearing regarding the approval of the tariff for FY 2016-17 and True-up for FY 2013-14. The schedule of the Public Hearing is given below.

**Table 3: Schedule of Public Hearing at Puducherry**

S. No.	Date & Time	Venue of Hearing	Subject
1.	January 28' 2016 09:30 am hours onwards for all category of consumers	Hall at Puducherry Multipurpose Social Service Society (PMSSS) Complex, #81, Laporte Street, Puducherry - 605001	Tariff Petition for PPCL for FY 2016-17 and True-up for FY 2013- 14; ARR & Tariff Petition of EDP for FY 2016-17, Review for FY 2015- 16, Provisional True-up for FY 2014-15 and True-up for FY 2013- 14

**Table 4: Details of Public Notice published by the Commission**

S. No.	Date	Name of newspapers	Place of Circulation
1.	January 16' 2016	Dina Malar (Tamil)	Puducherry
2.	January 16' 2016	Dina Thanthi (Tamil)	Puducherry
3.	January 16' 2016	Malai Malar (Tamil)	Puducherry

**Table 5: Repeat Public Notice published by the Commission**

S. No.	Date	Name of newspapers	Place of Circulation
1.	January 20' 2016	The New Indian Express (English)	Vishakhapatnam, Chennai
2.	January 20' 2016	Dina Thanthi (Tamil)	Puducherry, Karaikal
3.	January 20' 2016	Dina Malar (Tamil)	Puducherry, Karaikal
4.	January 20' 2016	Malai Malar (Tamil)	Puducherry, Karaikal

The copies of Public Notice published by the Commission for intimation of Public Hearing are attached as **Annexure 3** to this Order. The Public Notices were also published on the website of the Commission ([www.jercuts.gov.in](http://www.jercuts.gov.in)).

During the Public Hearing, each objector was provided an opportunity to present his views on the Petition filed by the Petitioner. All those present in the hearing, irrespective of whether they had given a written objection or not, were given an opportunity to express their views. Only EDP expressed its view on the Tariff Petition filed by PPCL and the same has been examined by the Commission. The issues discussed during the Public Hearing and the views of the Commission thereon, have been summarized in **Chapter 3** of this Order.

## 2. Summary of True-up for FY 2013-14 and Tariff for FY 2016-17 filed by the Petitioner

### 2.1 Introduction

The power generating station of PPCL at Karaikal was declared under commercial operation w.e.f. January 3' 2000 and is supplying power to EDP under a PPA signed with them on February 25' 2002. Consequent to setting up of the Commission, the Petitioner had filed Petition for determination of tariff for the period FY 2011-12 (Petition No. 18/2010). The Commission vide its Order dated August 6' 2011 had approved tariff with effect from June 2011. Subsequently, based on Review Petition (Petition No. 45/2011) filed by the Petitioner on the Tariff Order dated August 6' 2011, the Commission partially allowed the Review Petition vide Order dated November 3' 2011 and the Corporation then filed Appeal No. 41 of 2012 to APTEL against the Review Order pertaining to the tariff period FY 2011-12. The Hon'ble Aptel vide its Order dated November 21' 2012 partially allowed the Appeal and disposed of the Appeal with directions. The key observations and findings of the Hon'ble APTEL are as summarized below.

#### Quote

“

1. *Tariff Regulation 22(2) provides for determination of the capital cost to be considered on the basis of the audited accounts or approvals already granted by the Commission. The Appellant claimed capital cost of Rs.146.45 Crores based on the audited accounts which were not taken into consideration by the Joint Commission and capital cost of only Rs.137.77 Crores was allowed on the ground that the approval of competent authority was not obtained. This is not a proper approach as the approval of the competent authority was not contemplated under the Regulation. Even though the approval of the competent authority for Rs.146.45 Crores was placed before the Joint Commission for reconsideration of the capital cost in the Review, the Joint Commission wrongly rejected the claim on the ground that nothing new had been pointed out by the Appellant. The Joint Commission should have scrutinized the audited accounts placed before it by the Appellant and considered the approval obtained from the Government and passed the order after prudence check in accordance with law. The Joint Commission is directed to consider the documents on record and pass order according to law after hearing the parties once again.*
2. *The Tariff Regulations provide that the components of generation tariff shall be as laid by the Central Commission in the 2004 Tariff Regulations as amended from time to time. The 2009 Tariff Regulations have been made effective by the Central Commission with*

*effect from 1.4.2009. According to the 2009 Regulations, Normative Plant Availability Factor (NAPF) is to be taken as 85% for thermal power stations. However, the Joint Commission in the impugned order adopted NAPF of 87.5% contrary to the Tariff Regulations. The State Commission is directed to pass the consequential order in accordance with the Tariff Regulations.*

- 3. The State Commission has determined the auxiliary consumption as per the Tariff Regulations. No case has been made out by the Appellant for relaxation of the norms for auxiliary consumption.*
- 4. In view of the above, issue No. 1&2 regarding capital cost and Normative Annual Plant Availability Factor is answered in favour of the Appellant. Issue No. 3 regarding Auxiliary Consumption is answered as against the Appellant.*
- 5. Thus, the Appeal is partly allowed. “*

#### **Unquote**

In the light of observations and findings of the Hon'ble Aptel in Appeal No. 41/2012, the Petition for tariff determination for FY 2011-12 (Petition No. 18/2010) and Review Petition (Petition No. 45/2011) were restored by the Commission vide its Order dated December 19' 2012.

The Commission carried out detailed proceedings in this matter and subsequently vide its Order dated April 29' 2013 approved capital cost of Rs 146.45 Crores for FY 2011-12 against the earlier approved capital cost of Rs 137.77 Crores (which is the first year of tariff determination under the Commission).

The Commission also noted that NAPAF of 85% would be considered at the time of True-up for FY 2011-12 and FY 2012-13. NAPAF of 85% had already been approved for FY 2013-14 as per the Tariff Order for FY 2013-14.

Presently, the tariff of the station is at a rate fixed by the Commission vide its Order dated March 31' 2015 on the basis of Petition filed for the tariff period FY 2015-16.

The Petitioner, this time, has submitted the True-up petition for FY 2013-14 and the Tariff Petition for FY 2016-17. The True-up Petition for FY 2013-14 has been submitted along with the audited accounts of the respective year.

For FY 2016-17, the Petitioner has submitted the operational parameters and cost of the generating station. The operational parameters pertain to normative plant availability factor (NAPAF), station heat rate (SHR) and auxiliary power consumption. The costs cover both the energy (variable) and capacity (fixed) charges.

The summary of the proposal is as outlined in the following sections.

## **2.2 Summary of the True-up Petition for FY 2013-14 submitted by the Petitioner**

The Petitioner has submitted the True-up Petition for FY 2013-14 on the basis of the approved opening capital cost of Rs 146.45 Crores as per the Commission's Order dated April 25' 2014 by considering Hon'ble APTEL judgment dated November 21' 2012. The Commission had carried out the Review for FY 2013-14 vide its Order dated April 25' 2014. The Petitioner has considered Rs. 4.47 Crores as additional capital cost and thereby the closing capital cost of Rs. 150.92 Crores for True-up of FY 2013-14.

The Petitioner has claimed Annual Fixed Charge (AFC) of Rs 23.59 Crores for FY 2013-14 on the basis of the said capital cost (on the basis of the revised submission dated February 5' 2016). The AFC approved by the Commission during Review for FY 2013-14 was Rs. 22.74 Crores and the AFC now claimed by the Petitioner during True-up is Rs. 23.59 Crores, accordingly the differential AFC of Rs  $(23.59 - 22.74) = \text{Rs. } 0.85$  Crores has been claimed by the Petitioner as part of the True-up exercise for the year.

The Petitioner has considered Gross Station Heat Rate (GSHR) = 2600 kcal/kWh and Auxiliary Power Consumption (APC) = 5.50% for FY 2013-14.

Further, in accordance with the provisions of the Regulation 24 of the JERC Tariff Regulations 2009 and CERC Regulation 15 (3), for the purpose of computation of the Return on Equity, the grossing up of the base rate has been done with respect to actual tax rate applicable to the Petitioner for FY 2013-14.

**The Petitioner has claimed an additional amount of Rs. 1.13 Crores towards replacement of damaged/corroded pipe rack structure besides the already allowed amount of Rs. 9.30 Crores for O&M of FY 2013-14. This amount was utilized for replacement of damaged/corroded structural steel by new pipe rack structure inside the Plant. The plant is located very near to the sea coast and the steel has been affected by corrosion. The structure had got rusted due to various environmental factors like cooling tower drift and nearness to seashore. Immediate replacement was necessary to avoid collapse of**

structure leading to safety issues and to maintain plant operation. Therefore, the Petitioner has submitted that it be allowed to recover this amount additionally as part of the O&M expenses of the plant. This amount has been claimed over and above the AFC amount of Rs. 23.59 Crores for FY 2013-14.

The Commission vide its Order dated March 28' 2013 had notified the formula for recovery of energy charges for FY 2013-14 which accounts for the actual gas GCV, actual gas cost, normative gross station heat rate and normative auxiliary consumption. As the recovery of energy charges for FY 2013-14 is on the basis of this formula, no adjustment is due on account of the variation from the approved rates in the energy/variable charges.

The break-up of the Annual Fixed Charge (AFC) claimed for FY 2013-14 is as mentioned below.

**Table 6: Annual Fixed Charge (AFC) proposed by the Petitioner for FY 2013-14**

S. No.	Particulars	FY 2013-14
1.	Gross Generation (MUs)	242.00
2.	Normative Plant Availability Factor (NAPAF)	85%
3.	Auxiliary Consumption (%)	5.50%
4.	Net Generation (MUs)	228.68
<b>5.</b>	<b>Annual Fixed Charges (Rs. Crores)</b>	<b>23.59*</b>
(a)	Interest on Loan Capital (Rs. Crores)	0.00
(b)	Depreciation (Rs. Crores)	0.33
(c)	O&M Expenses (Rs. Crores)	9.30*
(d)	Interest on Working Capital (Rs. Crores)	3.49
(e)	Return on Equity (Rs. Crores)	10.47

Note: \* - The Petitioner has submitted an additional claim of Rs. 1.13 Crores towards replacement of corroded pipe rack structure as mentioned in the previous paragraph.

### 2.3 Summary of the Tariff Petition for FY 2016-17 submitted by the Petitioner

The Petitioner has claimed the opening capital cost of Rs 150.37 Crores as approved in the last year Tariff Order dated March 31' 2015 plus proposed capitalization amount of Rs 0.51 Crores paid additionally towards the R.O. Plant this year i.e. Rs 150.88 Crores for FY 2016-17. The Petitioner has submitted that the Commission consider this additional capitalization for successful & efficient operation of the plant as per CERC Regulation, 9(2) (iv). The Petitioner has submitted that the R.O. plant has been capitalized for an amount of Rs. 4.47 Crores which includes the consultancy charges paid to the Central Electricity Authority in connection with the execution of the project, travelling expenses, etc., and advertisement charges thereon, as the plant was put into operation with effect from 01.10.2014. The Petitioner has considered the amount of Rs. 3.96 Crores on payment basis up to September



2014 and the difference of Rs. 0.51 Crores (Rs.4.47 Crores - Rs.3.96 Crores) has been added to the opening capital cost of Rs. 150.37 Crores as the project is completed and handed over to the Corporation and the same is put into operation with effect from 01.10.2014. As such, it is submitted that the differential amount of Rs. 0.51 Crores may be allowed as an additional capital cost to the R.O. plant.

The Petitioner has submitted the Normative Plant Availability Factor (NAPAF) of 85% for FY 2016-17. The Petitioner has submitted that the Commission is to be guided by the principles and methodologies of CERC Regulations for fixation of generation tariff.

The gross and net generation, the fixed and variable charges projected by the Petitioner for FY 2016-17 are as given below.

**Table 7: Annual Fixed Charge proposed by PPCL for FY 2016-17**

S. No.	Particulars	FY 2016-17
1.	Gross generation (MUs)	242.66
2.	Auxiliary consumption (%)	6.00%
3.	Net generation (MUs)	228.10
4.	Normative Plant Availability Factor (NAPAF)	85%
<b>4.</b>	<b>Annual Fixed Charge (Rs. Crores)</b>	<b>27.38</b>
(a)	Interest on loan capital (Rs. Crores)	0.00
(b)	Depreciation (Rs. Crores)	0.38
(c)	O&M expenses (Rs. Crores)	12.38
(d)	Interest on working capital (Rs. Crores)	4.01
(e)	Return on equity (Rs. Crores)	10.61

The Petitioner has proposed that the energy charges would be billed as per the below mentioned formula based on CERC Tariff Regulations 2014.

$$\text{Energy Charge (ECR)} = \text{GHR} \times \text{LGP} \times 100 / \{ \text{GCV} \times (100 - \text{APC}) \}$$

Where

- ECR = Energy charge Rate, in Rs per kWh sent out upto three decimal charges,
- GHR= Normative Gross Station Heat Rate in kcal/kWh,
- LGP= Weighted average landed price of gas in Rs/scm, during the calendar month,
- GCV= Gross calorific value of gas, in kcal per scm during the calendar month,
- APC= Normative Auxiliary Power Consumption in percentage

**The Petitioner has considered Gross Station Heat Rate = 2646 kcal/kWh and Auxiliary Power Consumption (APC) = 6% for FY 2016-17.**

The Petitioner has submitted that in addition to the fixed and variable charges, the Petitioner may be allowed to recover statutory taxes, duties etc. on actual basis.

## 2.4 Prayer

The Petitioner has prayed before the Commission:

### Quote

“

*i) Approve the tariff for FY 2016-17 as brought out in this Petition as detailed below at 85% PLF*

*Fixed cost - Rs. 27.38 Crores per annum*

*Variable Energy Charges - As per formula with normative GHR of 2646*

*kcal/kwh and normative APC of 6%*

*ii) Allow the “Normative Annual Plant Availability Factor” @ 85% as laid down in the CERC Regulation 2014-19 vide clause No. 36 A) for Karaikal Power Station for FY 2016-17 for full fixed cost recovery*

*iii) Allow capital cost as prayed by the Petitioner*

*iv.) Allow the recovery of filing fees as and when paid to the Hon’ble Commission and publication expenses from the beneficiary*

*v) Allow the recovery of additional Operation and Maintenance expenses due to breakdown of Gas Turbine Generator as part of AFC, an amount of Rs. 9.33 Crores to be recovered by way of tariff as a one-time measure*

*vi) Puducherry Electricity Department may be directed to avail maximum load in the 11 KV as was being done previously or PPCL may be allowed to set up another transformer of 15 MVA with additional capital cost to dispatch the power through 110/11 KV system*

*vii) Pass any other order in this regard as the Hon’ble Commission may find appropriate in the circumstances pleaded above*

”

### Unquote

### 3. Objections raised and the Commission's Comments

#### 3.1 Introduction

In response to the Public Notice inviting objections/suggestions from the stakeholders on the Petition filed by the Petitioner for True-up for FY 2013-14 and Tariff for FY 2016-17, Electricity Department-Puducherry (EDP) has filed its objections/suggestions in writing.

Public Hearing was held at Puducherry on January 28' 2016 wherein the respondents were given an opportunity to put forth their objections and suggestions on the True-up Petition for FY 2013-14 and Tariff Petition for FY 2016-17 before the Commission.

Only EDP made a written submission of the objections. The objections raised by EDP and the Commission's response thereon are as given below.

#### 3.2 Operation & Maintenance Expenses (O&M)

##### 3.2.1 Stakeholder's Comment

The Petitioner in their Petition has submitted the following, as regards the O&M expenses *"It is submitted that the Operation and Maintenance expenses for FY 2014-15 as approved by the Hon'ble Commission is only Rs.11.60 Crores but the actual cost on the major repair work during FY 2014-15 was alone Rs. 9.33 Crores. And even this Operation and Maintenance expenses were not recovered during this break down period on account of non-recovery of AFC. It is therefore submitted that as a one-time measure, the additional expenditure being incurred on Generator repairs be allowed additionally as part of Operation and Maintenance expenses. The Plant was re-started on 02.05.2015 after completion of major breakdown which covered the period from 01.10.2014 to 01.05.2015.*

*The Petitioner is not in a position to undertake the major replacement work due to such type of catastrophic failure without the necessary of the some additional expenses under AFC and that too when due to shut down of unit for long time, the Petitioner is not in a position to recover even the normative fixed charges. So, it is humbly requested that Hon'ble Commission may kindly consider it as a onetime compensation by exercising its power to remove difficulty provided for in the Tariff Regulations, 2009."*

The Respondent ED-Puducherry has submitted that the Petitioner is silent about the settlement or admittance of the insurance claim lodged with the insurance company after the break-down of the plant on 01.10.2014 under the 'Machinery Breakdown' clause and 'Loss of Profit' policy. This aspect has also been dealt by the Commission in its Tariff Order for FY 2015-16 dated 31.03.2015, wherein the Commission had decided to take a view on

the request of the Petitioner based on the actual expenses as per the audited accounts and settlement or admittance of the insurance claim amount.

Also, since the plant was not under operation for the breakdown period of 7 months, the O&M cost incurred during the period needs to be lower than the norm approved under the Regulations which is for the whole operation period.

As per the relevant CERC/JERC Regulations, no compensatory allowances or allowing special treatment by way of one-time dispensation for the amount of Rs. 9.33 Crores claimed are allowed for the gas station.

Such the huge cost is capital in nature, as the repairs have contributed to increasing the life of the plant. Therefore, the expenditure needs to be capitalized and should not be treated as revenue expenditure, so as to avoid any tariff shock to the consumers. If any such allowance is to be granted, necessary amendments to the Regulations have to be carried out by the Commission.

### **3.2.2 Commission's View**

The Commission has noted the submission of the Petitioner in the Petition and objections raised by the Respondent. The Commission notes that the said expenditure is for the period FY 2014-15, for which True-up is pending. Also, the Commission had checked the status of the insurance claim raised by the company. The Petitioner stated that the insurance claim is still pending with the insurance company and a formal reply is awaited from their end. The Commission has noted all the submissions and would take a final decision regarding the said expenditure while carrying out True-up for FY 2014-15, once audited accounts for the said period are finalized and submitted before the Commission.

## **3.3 Auxiliary Power Consumption (APC)**

### **3.3.1 Stakeholder's Comment**

The Petitioner has submitted in their petition that *"with regard to the auxiliary power consumption, the Petitioner is seeking to invoke the power of the Hon'ble Commission to deviate from the Tariff Regulations, 2009. The Auxiliary Power Consumption (APC) is considered as per actual based on period from 01.06.2015 to 30.09.2015 because the station has electric Gas Booster Compressor pumps due to which APC is higher.*

..

*The Petitioner is praying for the APC of 6%.*

*The Hon'ble Commission may consider the facts and factors and allow the Petitioner to avail the actual auxiliary consumption made during the period from 01.04.2015 to 30.09.2015 (coverage of 6 months) of the tariff year 2016-17."*

The Respondent ED-Puducherry has stated that in view of the CERC Regulations for the tariff period 2014-19 and CEA guidelines, the norm of 2.5% auxiliary power consumption for combined cycle generating station and additional APC limited to 2.5% for the electric driven gas boosters (totaling to 5%), which has already been approved by the Hon'ble Commission in the Tariff Order dated 31.03.2015 for FY 2015-16 and the same may be adopted for FY 2016-17 also. The higher APC of 6% as submitted by the Petitioner may not be accepted.

### **3.3.2 Commission's View**

The Commission has noted the submission of the Petitioner and the Respondent. The Commission has determined the auxiliary power consumption in accordance with the CERC Regulations and CEA guidelines. The detailed treatment of the same is in the analysis of the auxiliary power consumption for FY 2016-17 in Chapter-5 of this Tariff Order. Accordingly, the Commission has allowed 5.0% auxiliary power consumption as per the norms for FY 2016-17.

## **3.4 Restriction of Plant Loading**

### **3.4.1 Stakeholder's Comment**

*The Petitioner has submitted in their Petition that "Plant loading is required to be restricted due to low 11 KV loads from eight 11 KV feeders installed in the substation of PPCL. Since 11 kV loads are restricted, power generated has to be exported to the grid via two transformers (15 MVA) which have a restriction of 22 MW, so generation of the Plant has to be restricted. Previously most of the power generated was exported through 11 KV feeders and the transformer loading was very meager, so Plant could generate the maximum. In view of above, it is requested that Puducherry Electricity Department may be requested to avail maximum load in the 11 KV as was being done previously or PPCL may be allowed to set up another transformer of 15 MVA with additional capital cost to dispatch the power through 110/11 KV system."*

The Respondent EDP has submitted that most of the steel industry at Karaikal region have closed the factories due to recession/constraints. Therefore, the demand has been considerably reduced which is beyond the control of the Department. However, peak evacuation from 11 kV feeders as of now is to the tune of 8 MW, but PPCL can export balance power of 22 MW through 110 kV feeders with 2X15 MVA power transformers.

Therefore, it is submitted to the Commission that the constraint in exporting power through 110 kV feeders may be called from PPCL.

### 3.4.2 Commission's View

The Commission had asked the Petitioner to submit its response on the clarification as submitted by the Respondent. The Petitioner in its response submitted the following:

#### **Quote**

*" It is submitted that in the month of November'15, the average evacuation through the 11 kV system was 7.2 MW and 110 kV evacuation was 19.86 MW. Previously, the evacuation used to be vice-versa. The 11 kV loads of steel and alloy feeders are not steady and in case of fault-tripping of the feeders, the total load shifts to 110 kV grid. Due to this condition, to avoid over-loading of transformers the load in 15 MVA transformers are restricted to 22 MW so that the transformers load can go upto 27 MW in case of feeder-tripping and avoid plant tripping. If the 11 kV evacuation is increased to former level, this situation can be avoided."*

#### **Unquote**

The Commission has noted the submissions of both the parties, as stated above. The Commission directs both the Petitioner and EDP to resolve their differences amicably and see to it that the Petitioner is able to off-take its full capacity to EDP. As regards the Petitioner's request to set up another 15 MVA transformer to dispatch the power through the 110/11 KV system, the Commission is of the view that the Petitioner may approach the Commission separately on this and file a separate petition with detailed cost-benefit analysis duly carried out with respect to the additional capital cost to be incurred.

## 4. True-up for FY 2013-14

### 4.1 Background

The True-up of FY 2013-14 is to be carried out as per the provisions of Regulation 8 of JERC Tariff Regulations 2009. The Regulation 8 of JERC Tariff Regulations 2009 specifies as under:

“ (8) Review and True Up

- 1) *The Commission shall undertake a review along with the next Tariff Order of the expenses and revenues approved by the Commission in the Tariff Order. While doing so, the Commission shall consider variations between approvals and revised estimates/pre-actuals of sale of electricity, income and expenditure for the relevant year and permit necessary adjustments/ changes in case such variations are for adequate and justifiable reasons. Such an exercise shall be called ‘Review’.*
- 2) *(i) After audited accounts of a year are made available, the Commission shall undertake similar exercise as above with reference to the final actual figures as per the audited accounts. This exercise with reference to audited accounts shall be called ‘Truing Up’.*  
*(ii) The Truing Up for any year will ordinarily not be considered after more than one year of ‘Review’.*
- 3) *The revenue gap of the ensuing year shall be adjusted as a result of review and truing up exercises.*
- 4) *While approving such expenses/revenues to be adjusted in the future years as arising out of the Review and / or Truing up exercises, the Commission may allow the carrying costs as determined by the Commission of such expenses/revenues. Carrying costs shall be limited to the interest rate approved for working capital borrowings.*
- 5) *For any revision in approvals, the licensee would be required to satisfy the Commission that the revision is necessary due to conditions beyond its control.*
- 6) *In case additional supply is required to be made to any particular category, the licensee may, any time during the year make an application to the Commission for its approval. The application will demonstrate the need for such change of consumer mix and additional supply of power and also indicate the manner in which the licensee proposes to meet the cost for such change of consumer mix and additional supply of power.*
- 7) *The Commission may consider granting approval to such proposals provided the cost of additional supply is ordinarily met by the beneficiary category.”*

The Commission had approved tariff for FY 2013-14 vide its Order dated March 28' 2013 (Petition No. 98/2013). The Commission in the Order had noted that the determination of tariff is on the basis of the provisional capital cost of Rs. 137.77 Crores and would be subject to revision depending on the outcome of Petition No. 18/2010 and Petition No. 45/2011.

The Commission in its Tariff Order dated March 28' 2013 approved AFC of Rs. 22.26 Crores for FY 2013-14 on the basis of the provisional capital cost of Rs 137.77 Crores.

In the light of observations and findings of the Hon'ble Aptel in Appeal No. 41/2012, the Petition for tariff determination for FY 2011-12 (Petition No. 18/2010) and Review Petition (Petition No. 45/2011) were restored by the Commission vide its Order dated December 19' 2012.

The Commission carried out detailed proceedings in this matter and subsequently vide its Order dated April 29' 2013, approved capital cost of Rs 146.45 Crores against the earlier approved capital cost of Rs 137.77 Crores. Due to the revision in the capital cost of the plant, the Commission revised the Annual Fixed Charges (AFC) in the review exercise undertaken for the year as per its Tariff Order dated April 25' 2014.

The Commission during the Review for FY 2013-14 approved revised AFC of Rs. 22.74 Crores and accordingly approved the differential AFC i.e. Rs (22.74 - 22.26) = 0.48 Crores as part of the review exercise for the year.

The audited accounts have been submitted along with the True-up Petition for FY 2013-14 and after due prudence check of the fuel bills and bills raised to the beneficiary (ED-Puducherry), the Commission has carried out the True-up for the year.

The Commission has reviewed the variations between approvals and actuals of income and expenditure for FY 2013-14 as per the audited accounts submitted by the Petitioner and has permitted necessary adjustments after due prudence check in cases where variations are for reasonable and justifiable reasons during the True-up exercise.

## **4.2 Regulations**

As per provisions of Clause 19 of the JERC Tariff Regulations 2009, the Commission, while determining the cost of generation of each thermal/gas/hydro-electric generating stations located within the state, shall be guided, as far as feasible, by the principles and methodologies of CERC, as amended from time to time.



Accordingly, CERC Regulations for the tariff period 2009-14 have been referred to here for FY 2013-14.

### **4.3 Operational Parameters**

#### **Petitioner's Submission**

The Petitioner has submitted the following operational parameters for FY 2013-14.

#### **1. Normative Annual Plant Availability Factor (NAPAF)**

The Petitioner has considered the NAPAF of 85% as per the Hon'ble APTEL judgment dated November 21' 2012. The Commission as per its Orders dated March 28' 2013 and April 25' 2014 had approved the NAPAF of 85% and same has been considered here.

#### **2. Gross Station Heat Rate**

The Petitioner has considered the gross station heat rate of 2600 kcal/kWh for FY 2013-14 as per the Commission's Orders dated March 28' 2013 and April 25' 2014.

#### **3. Auxiliary Consumption**

The Petitioner has considered the auxiliary consumption of 5.50% for FY 2013-14 as per the Commission's Orders dated March 28' 2013 and April 25' 2014.

#### **Commission's Analysis**

The operational parameters – NAPAF, gross SHR and auxiliary consumption are to be considered as approved earlier by the Commission as per Order dated March 28' 2013 (ARR & Tariff for FY 2013-14) and April 25' 2014 (Review for FY 2013-14).

NAPAF of 85% is in line with the judgment of the Hon'ble APTEL dated November 21' 2012 in Appeal No. 41/2012 and also observed in the Commission's Order dated April 29' 2013. Therefore, NAPAF of 85% is retained by the Commission for FY 2013-14.

Auxiliary consumption is 5.50% and Gross Station Heat Rate (GSHR) of 2600 kcal/kWh area retained as approved earlier for FY 2013-14.

### **4.4 Annual Fixed Charge (AFC) approved for True-up of FY 2013-14**

The components of the fixed charges have undergone a change due to change in the approved capital cost. The following components have been considered as part of the fixed charges for the year.

1. Depreciation
2. Interest on Loan

3. Interest on working capital
4. O&M expenses
5. Return on equity

The components of the fixed charges mentioned above are discussed in detail in the following paragraphs. The Commission has arrived at the revised Annual Fixed Charge (AFC) for the year and accordingly approved the differential AFC charges as part of the True-up exercise for FY 2013-14.

#### **4.4.1 Capital Cost for FY 2013-14**

##### **Petitioner's Submission**

The capital cost considered in the present petition is based on the approved capital cost of Rs. 146.45 Crores during Review of FY 2013-14 as per the Commission's Order dated April 25' 2014 plus Rs. 4.29 crores towards R.O. Plant which includes outstanding liability/pending payment to the party. Besides Rs. 18.00 lacs incurred initially towards Preliminary expenses, Consultancy charges to CEA, Advertising charges, etc., which were directly attributable to the project (i.e.) have also been capitalized, resulting into the total additional capital cost at Rs. 4.47 Crores for FY 2013-14.

The Petitioner has considered the opening capital cost of Rs 146.45 Crores and additional capitalization of Rs. 4.47 Crores and thereby the closing capital cost of Rs. 150.92 Crores for True-up of FY 2013-14.

##### **Commission's Analysis**

The Commission has considered the opening capital cost of Rs. 146.45 Crores as approved earlier as per the Review for the year vide Tariff Order dated April 25' 2014. The Commission, has made note of the claim of additional capitalization of Rs. 4.47 Crores for FY 2013-14 and also the submission of the Petitioner to allow capitalization of the RO plant from FY 2013-14.

The Commission, in this regard, notes that the Petitioner in the Tariff Petition for FY 2016-17 has stated that the RO plant was put into operation with effect from October 1' 2014. As such, the additional capitalization towards the RO plant would be allowed only from FY 2014-15. The Commission, therefore, has not considered any additional capitalization towards the RO plant in FY 2013-14 as the plant was not operationalized during this period

and would consider the same during the True-up of FY 2014-15 based on supporting documents submitted.

**The Commission, therefore, approves Rs 146.45 Crores as the opening capital cost and no additional capitalization during the True-up of FY 2013-14.**

#### **4.4.2 Depreciation**

##### **Petitioner's Submission**

The Petitioner has submitted that the depreciation has been computed on the approved average capital cost of Rs 148.69 Crores for True-up of FY 2013-14. The Petitioner has excluded the cost of freehold land of Rs 7.93 Crores for depreciation purpose. The depreciable value of the asset has been capped at 90% of the capital cost. The cumulative depreciation recovered up to FY 2012-13 is Rs 124.64 Crores and accordingly the depreciation for the year has been considered as Rs 0.33 Crores by the Petitioner (as per revised submission dated February 5' 2016).

##### **Commission's Analysis**

The Commission has considered the opening capital cost of Rs 146.45 Crores and NIL additional capitalization for FY 2013-14. The cost of the freehold land of Rs 7.93 Crores has been excluded for depreciation purpose. The cumulative depreciation recovered up to FY 2012-13 is Rs 124.67 Crores (as per the True-up for FY 2012-13 in Tariff Order dated April 25' 2014). Since the plant has already completed 12 years from the date of commercial operation and is in its 13<sup>th</sup> year of operation, the remaining depreciable value of the asset has been spread over the balance useful life of the asset (i.e. 12 years) for FY 2013-14 as per the applicable CERC Regulations.

The depreciable value of the asset has been capped at 90% of the capital cost of the asset as per the applicable CERC Regulations and accordingly the depreciation for True-up of FY 2013-14 is approved as NIL.

The calculation of the same is as shown in the following Table:

**Table 8 : Depreciation approved by the Commission for True-up of FY 2013-14 (Rs. Crores)**

S. No.	Details	Petitioner's Submission (as per revised submission dt. 05.02.16)	Approved
1	Closing Capital cost	148.69*	146.45
2	Less cost of Freehold Land	7.93	7.93
3	Capital cost excluding FH Land	140.76	138.52
4	Cap on Depreciation	126.68	124.67
5	Cumulative Depreciation upto the previous year	124.64	124.67
6	<b>Depreciation for the year</b>	<b>0.33</b>	<b>0.00</b>

Note: \* The Petitioner has considered the average capital cost instead of closing capital cost in its submission.

**The Commission, therefore, approves NIL depreciation for purposes of the revised fixed charges during True-up of FY 2013-14.**

#### 4.4.3 Interest Charge on Loan

##### **Petitioner's Submission**

The Petitioner has submitted that the entire capital cost of the project has been funded from its own resources and capital investment has been considered at 70% normative loan and 30% normative equity as per the JERC Tariff Regulations 2009. If equity deployed is more than 30%, the amount of equity is limited to 30% and the balance amount is to be considered as the normative loan.

The Petitioner has considered the opening capital cost of Rs 146.45 Crores with additional capitalization of Rs. 4.47 Crores for the year for purposes of tariff determination. The Petitioner has considered the gross normative average loan of Rs 104.08 Crores on the average capital cost of Rs. 148.69 Crores. The cumulative repayment has been considered as Rs. 104.08 Crores, resulting in NIL net average loan outstanding.

The Petitioner has claimed NIL interest charges for the True-up of FY 2013-14 on the basis of this revised capital cost.

##### **Commission's Analysis**

On the basis of the approved opening capital cost of Rs 146.45 Crores and NIL additional capitalization for the year (as discussed in the section on capital cost), the gross normative loan is Rs 102.52 Crores (70% of the approved average capital cost of Rs. 146.45 Crores).

As per the CERC Regulations for the tariff period 2009-14, the repayment shall be deemed to be equal to the depreciation amount. It is seen that the cumulative depreciation recovered so far is higher than the gross normative loan, so the cumulative repayment has been limited to the gross normative loan. The cumulative depreciation up to the previous year is Rs 124.67 Crores and accordingly the cumulative repayment has been considered equal to the gross normative loan amount and thereby the net loan opening is NIL.

The cumulative repayment has been limited to the gross normative loan amount. The computation of the interest charges is as below.

**Table 9: Interest Charges approved by the Commission for True-up of FY 2013-14 (Rs Crores)**

S. No.	Details	Petitioner's Submission (as per revised submission dt. 05.02.16)	Approved
1.	Average Capital cost for the year	148.69	146.45
2.	Loan at 70% of average capital cost	104.08	102.52
3.	Cumulative repayment up to previous year	104.08	102.52
4.	Average net loan outstanding	0.00	0.00
5.	<b>Rate of Interest</b>	<b>13.36%</b>	<b>13.36%</b>
6.	<b>Interest on Normative Loan</b>	<b>0.00</b>	<b>0.00</b>

The Commission, therefore, approves the interest charges for the year as NIL for purposes of the revised fixed charges during True-up of FY 2013-14.

#### 4.4.4 Interest on Working Capital

##### Petitioner's Submission

The Petitioner has claimed the interest on working capital at Rs. 3.49 Crores for FY 2013-14 as per the CERC Regulation 18 (b) and JERC Regulation 29 and interest on working capital is considered as per the CERC Regulations 18 (3).

The rate of interest of 14.45% has been considered by the Petitioner.

##### Commission's Analysis

As per CERC Regulation 18 (b) for the tariff period 2009-14, the working capital of the Gas Turbine Generating Station shall be considered as under:

- i. Fuel cost of one month (Gas) at NAPAF

- ii. Maintenance spares at 30% of O&M expenses
- iii. Receivables equivalent to two months of capacity and energy charges based on the NAPAF
- iv. O&M expenses for one month

The interest on working capital has been considered at the rate of interest on normative basis as prime lending rate (PLR) of State Bank of India (SBI) considering the PLR rate as on April 1' 2013 i.e. 14.45% per annum. The energy charges considered while working out working capital are based on average fuel consumption and payments made during January'13, February'13 and March'13 corresponding to generation at NAPAF of 85%. As per the CERC Regulations, the Commission has to consider the landed cost incurred and GCV of fuel as per actual for the three months preceding the first month for which tariff is to be determined, thereby, the fuel consumption values for the months of January'13, February'13 and March'13 have been considered for arriving at the one month fuel cost for purposes of computation of the working capital.

The Commission has considered the working capital and the interest thereon as per the Regulations mentioned above at an interest rate of 14.45% per annum and arrived at the interest on working capital of Rs 3.26 Crores.

**Table 10: Interest on working capital approved by the Commission for True-up of FY 2013-14 (Rs Crores)**

S. No.	Details	Petitioner's Submission (as per revised submission dt. 05.02.16)	Approved
1.	Cost of gas (one month) at NAPAF	5.58	5.06
2.	Maintenance spares (30% O&M expenses)	2.79	2.79
3.	Receivables (two months) at NAPAF	15.00	13.94
4.	O&M expenses (one month)	0.77	0.77
5.	Total working capital	24.15	22.57
6.	Rate of interest on working capital	14.45%	14.45%
<b>7.</b>	<b>Interest on working capital</b>	<b>3.49</b>	<b>3.26</b>

Note: The additional one-time O&M expenditure of Rs. 0.87 Crores allowed under the sub-head of 'O&M expenses' has not been considered for the computation of the working capital requirement for the year.

**The Commission, therefore, approves the interest on working capital for the year at Rs. 3.26 Crores for purposes of the revised fixed charges during True-up of FY 2013-14.**

#### 4.4.5 Operation and Maintenance (O&M) Expenses

##### **Petitioner's Submission**

The Petitioner has claimed the O&M expenses at Rs. 9.30 Crores for the True-up of FY 2013-14, which have already been approved by the Commission earlier in the Review for the year. The O&M expenses include employee cost, R&M expenses and A&G expenses.

The Petitioner in the True-up Petition for FY 2013-14 has submitted that:

*" The Operation and Maintenance cost of the Corporation pertaining to the FY 2013-14, was Rs. 12.97 crores whereas, the Commission allowed Rs. 9.30 crores and out of Rs. 12.97 crores a sum of Rs. 1.13 crores wholly and exclusively in connection with replacement of corroded structure/pipeline, etc., through PWD, Karaikal due to ageing of the Plant. This amount was utilized for replacement of damaged/corroded structural steel by new in pipe rack structure inside the Plant. PPCL Plant is located very near to the sea coast and all structural steel have been affected by corrosion. The structure had got rusted due to various environmental factors like cooling tower drift and nearness to seashore. Immediate replacement was necessary to avoid collapse of structure leading to safety issues and to maintain plant operation. The copy of the Office Memorandum vide No.D.21044/10/ID(P)D/2012/P3, dt.10.01.2013 in connection with replacing of damaged/corroded structural steel with new Pipe Rack structure from Gas Booster Compressor to Boiler Area inside the Plant area at Karaikal for an estimated cost of Rs.2,29,69,000/- is enclosed as Annexure-III.*

*Therefore, it is submitted to the Hon'ble Commission that the Corporation may be allowed to recover this amount under the head Operation and Maintenance while carrying out the truing-up exercise for the tariff period 01.04.2013 to 31.03.2014."*

The Petitioner has claimed an additional O&M expenditure of Rs. 1.13 Crores towards replacement of damaged/corroded pipe rack structure.

##### **Commission's Analysis**

The Commission has examined the O&M expenses claimed by the Petitioner. The expenses have been determined in line with the sub-regulation (C) of Regulation 19 of CERC Regulations for the tariff period 2009-14 and Regulation no. 27 of JERC Tariff Regulations 2009 for the 32.5 MW gas turbine plant.

The Commission, in accordance with the Regulations allows normative O&M expenditure of Rs. 9.30 Crores for the True-up of FY 2013-14.

The Commission has examined the claim of the Petitioner for an additional O&M expenditure of Rs. 1.13 Crores towards replacement of damaged/corroded pipe rack structure. The Commission had asked for additional supporting documents from the Petitioner in respect of this additional expenditure. The Petitioner, subsequently submitted the order of Inspector of Factories, Karaikal dated 06.11.2012 necessitating the said expenditure. This order gave immediate instructions to the Petitioner to repair the structures, ladder and platforms in the deareator, cooling water systems, chimney area as they were found to be in dilapidated condition and further use of these structures would endanger human life. The Commission also notes that the said work was awarded to the Public Works Department, Government of Puducherry on deposit work basis with the approval of Government of Puducherry vide letter no. dated 10.01.2013 at an estimated cost of Rs. 2,29,69,000/-.

The Commission on a further clarification asked the Petitioner to submit the actual expenditure incurred under this head during FY 2013-14. The Petitioner, then, submitted utilization certificate dated 18.12.2013 stating that a sum of Rs. 87,43,600/- had been fully utilized upto November 2013 during FY 2013-14 for the said expenditure. The Commission has gone through the utilization certificate submitted by the Petitioner and found the same to be in order. Accordingly, the Commission allows Rs. 87,43,600 as a one-time additional expenditure considering the necessity of the same.

**The Commission, therefore, approves the normative O&M expenses for the year at Rs. 9.30 Crores for purposes of the revised fixed charges during True-up of FY 2013-14. Additionally, one-time O&M expenditure of Rs. 0.87 Crores towards replacement of damaged/corroded pipe rack structure has been allowed by the Commission.**

#### **4.4.6 Return on Equity**

##### **Petitioner's Submission**

The Petitioner has submitted that the entire capital cost of the project has been funded from its own resources and capital investment has been considered as 70% normative loan and 30% normative equity as per the JERC Tariff Regulations 2009. The Regulations stipulate that if the equity employed is more than 30%, the amount of equity for determination of tariff is limited to 30% and the balance amount is to be considered as normative loan.

The Petitioner has submitted the pre-tax rate of return on equity as 23.481% (base rate of return of 15.5% grossed up by the corporate tax rate of 33.99%) as per Regulation 24 of the JERC Tariff Regulations 2009 and CERC Regulations. The Petitioner has submitted that it does not have any tax holiday from FY 2010-11 and the tax holiday was applicable only up



to FY 2009-10. The Petitioner has claimed return on equity on 30% of the average capital cost submitted i.e. Rs. 148.69 Crores at the rate of 23.481% which works out to Rs. 10.47 Crores.

### Commission's Analysis

The Commission has considered the pre-tax rate of return on equity as 23.481% (base rate of return of 15.5% grossed up by the corporate tax rate of 33.99%) as per Regulation 24 of the JERC Tariff Regulations, 2009 and the CERC Regulations. The tax holiday was applicable only up to FY 2009-10 and accordingly the Petitioner has been subject to the corporate tax rate.

The opening capital cost as considered by the Commission is Rs 146.45 Crores, with NIL additional capitalization for purposes of the tariff determination exercise for the True-up of FY 2013-14. The return on equity on the approved average capital cost of Rs. 146.45 Crores on the normative equity capital base works out to Rs. 10.32 Crores. (23.481% on equity portion (30%) of approved average capital cost of Rs. 146.45Crores).

**The Commission, therefore, approves the Return on Equity for the year at Rs 10.32 Crores for purposes of the revised fixed charges during True-up of FY 2013-14.**

#### 4.5 Differential Annual Fixed Charge (AFC) approved during True-up of FY 2013-14

The revised Annual Fixed Charge (AFC) approved by the Commission vis-à-vis that submitted by the Petitioner for FY 2013-14 is as below.

**Table 11: Revised Annual Fixed Charge (AFC) approved for True-up of FY 2013-14 (Rs Crores)**

S. No.	Particulars	Petitioner's Submission (as per revised submission dt. 05.02.16)	Approved
1.	Depreciation	0.33	0.00
2.	Interest on loan	0.00	0.00
3.	Interest on working capital	3.49	3.26
4.	Operation and Maintenance Expenses	9.30	9.30*
5.	Return on Equity	10.47	10.32
<b>6.</b>	<b>Revised Annual Fixed Charge (AFC)</b>	<b>23.59</b>	<b>22.87</b>

Note: \* The Commission has also allowed additional one-time O&M expenditure of Rs. 0.87 Crores towards replacement of damaged/corroded pipe rack structure for FY 2013-14.

The Commission, based on the analysis carried out in the earlier paragraphs, approves the revised Annual Fixed Charge (AFC) at Rs. 22.87 Crores for the True-up of FY 2013-14. Additionally, one-time O&M expenditure of Rs. 0.87 Crores towards replacement of damaged/corroded pipe rack structure has been allowed by the Commission for FY 2013-14.

The Commission in the Review for FY 2013-14 as per the Order dated April 25' 2014 had approved AFC of Rs 22.74 Crores. The AFC has now got revised to Rs (22.87 + 0.87) = 23.75 Crores for FY 2013-14, on the basis of the True-up exercise carried out by the Commission on the approved average capital cost of Rs. 146.45 Crores.

The revised Annual Fixed Charge (AFC) now approved by the Commission vis-à-vis approved earlier by the Commission for FY 2013-14 is as below.

**Table 12: Annual Fixed Charge (AFC) approved for FY 2013-14 (Rs Crores)**

S. No.	Particulars	Order dated 28.03.2013	Review Order dt. 25.04.14	Approved during True-up in this Order
1.	Depreciation	0.00	0.00	0.00
2.	Interest on Loan	0.00	0.00	0.00
3.	Interest on Working Capital	3.26	3.12	3.26
4.	Operation and Maintenance Expenses	9.30	9.30	10.17
5.	Return on Equity	9.70	10.32	10.32
6.	<b>Annual Fixed Charge</b>	<b>22.26</b>	<b>22.74</b>	<b>23.75</b>

**The difference in the Annual Fixed Charge i.e. Rs (23.75 – 22.74) = 1.01 Crores is now approved by the Commission as part of the True-up exercise for FY 2013-14 and the Petitioner is entitled to bill this amount separately as supplementary bill.**

#### **4.6 Variable Charges approved for True-up of FY 2013-14**

The Commission as per its Order dated March 28' 2013 had approved the formula basis which the variable charges would be recovered for FY 2013-14. The formula for the energy charge (per unit basis) accounts for the actual gas cost, actual gross calorific value of the gas, normative auxiliary consumption and normative gross station heat rate (normative parameters approved by the Commission for FY 2013-14). The Petitioner has been billing the variable charges for FY 2013-14 on the basis of this formula.

The Commission as part of the prudence check during the Truing-up exercise has verified the bills that have been raised to the beneficiary i.e. EDP for FY 2013-14. The Commission has found the bills to be in order and as per the parameters approved by the Commission.

**The Commission, therefore, does not find any amount due to the Petitioner on account of the variable charges during the True-up exercise for the year.**

## 5. Tariff Determination for FY 2016-17

### 5.1 PPCL Gas Power Station

The Petitioner owns and operates one combined cycle gas power station generating 32.5 MW of Electricity (22.9 MW from gas turbine and 9.6 MW from Steam turbine) at Karaikal. The details of its capacity, commercial operation data etc. are as given in the below table.

**Table 13: Details of the PPCL Gas Power Station**

S. No.	Subject	Particulars
1.	Capacity	
	a) Gas turbine	22.9 MW
	b) Steam turbine	9.6 MW
	<b>TOTAL</b>	<b>32.5 MW</b>
2.	Date of commercial operation	3 <sup>rd</sup> January, 2000
3.	Type of fuel	Natural Gas
4.	Type of cooling system	Induced draft cooling tower
5.	Gas supplier	GAIL

### 5.2 Regulations

As per provisions of Clause 19 of the JERC Tariff Regulations 2009, the Commission, while determining the cost of generation of each thermal/gas/hydro-electric generating stations located within the State, shall be guided, as far as feasible, by the principles and methodologies of CERC, as amended from time to time.

The Commission for the purpose of analysis of the tariff period FY 2016-17 has considered the CERC Regulations for the period FY 2014-19 issued by the CERC vide notification No.L-1/144/2013/CERC dated February 21' 2014.

## 5.3 Operational Parameters

### 5.3.1 Normative Annual Plant Availability Factor (NAPAF)

#### **Petitioner's Submission**

The Petitioner has submitted that in terms of Regulation 36 of the JERC Tariff Regulations 2009 read with the CERC Regulations, 2014, NAPAF of 85% is being claimed. CERC has specified Normative Annual Plant Availability Factor (NAPAF) at 85% for recovery of full fixed charges for the period 2014-19 for thermal generating stations.

Further, the Petitioner has submitted that the Hon'ble Commission may fix the norm- "Normative Annual Plant Availability Factor" NAPAF for the plant at 85% for recovery of full fixed charges for FY 2016-17. However, it is reiterated that the Petitioner did not raise Sale of Power bills against Electricity Department for the month of April, 2015 as the plant was re-started/restored only on 02.05.2015 due to major breakdown from 01.10.2014 to 01.05.2015 after completion of repairing works with BHEL who is the Original Equipment Manufacturer (OEM).

#### **Commission's Analysis**

The Commission had approved NAPAF of 85% for FY 2013-14 as per the Tariff Order dated March 28' 2013. The relevant extract from the Order dated March 28' 2013 is reproduced below for reference.

#### **Quote**

"The Commission in its tariff order for FY 2012-13 dated April 13' 2012 had approved a Normative Annual Plant Availability Factor (NAPAF) of 87% considering the actual plant availability factor (PAF) data submitted by the Petitioner from FY 2000-01 to 2009-10. The PAF for the years 2000-01 to 2009-10 was observed to vary from 91% to 98.84%. However, for FY 2010-11 PAF was 78.64% and PLF as 69% due to reduction in gas supply and major plant breakdown. For fixing the NAPAF, the abnormal value for the year FY 2010-11 i.e. PAF of 78.64% had not been considered. The data for FY 2010-11 was considered as a stray case as compared to continuous data from FY 2000-01 to 2009-10 which justified its performance. The Commission, therefore, had fixed the NAPAF at 87% for FY 2012-13, with a view to promote and maintain the efficiency level achieved for a continuous period of 10 years.

The Commission in the tariff order for FY 2011-12 dated August 6' 2011 had also done a similar analysis and approved the NAPAF at 87%. In the review order for FY 2011-12 dated

November 3' 2011, the Commission found no merit in the plea of the Petitioner to relax the NAPAF for the year FY 2011-12.

The Petitioner had gone on appeal on fixing of the NAPAF norm, besides other issues as decided in the tariff order dated August 6' 2011 and further in the review order dated November 3' 2011. The Petitioner had said that the NAPAF should be fixed as per the CERC tariff regulations 2009-14 at 85%. The Hon'ble Aptel in appeal no. 41/2012 in its judgment dated November 21' 2012 on fixing of the NAPAF norm decided in favour of the Appellant.

The relevant extract of the judgment is as -

*" As correctly pointed out by the Appellant, once the norms have been fixed, the same have to be followed and applied. When the norms and parameters have been prescribed by the Central Commission Regulations, the same have to be followed unless it is justified that it is not feasible to follow Regulations of the Central Commission. No such justification was made by the Joint Commission for rejecting the claim of the Appellant to apply the Central Commission Regulations.*

*That apart, the Regulation 19 relied upon by the learned Counsel for the Joint Commission would not apply to the present case as the said Regulation only deals with the tariff filing and not with reference to the manner of fixation of the norms. This manner of fixation of norms has been provided only in Regulation 36 which adopts the Central Commission Tariff Regulations 2004, as amended from time to time in toto.*

*Therefore, the finding on this issue fixing 87% is wrong as the Appellant's prayer that Normative Plant Availability Factor of 85% in terms of Regulation 36 of Regulations 2009 should be maintained. Hence, the Joint Commission is directed to pass consequential orders on this issue in favor of the Appellant. Thus, 2<sup>nd</sup> question also is answered accordingly."*

The Commission, therefore, in compliance of the Hon'ble Aptel's judgment approves the NAPAF at 85% for FY 2013-14."

**Unquote**

The Commission has approved NAPAF at 85% for FY 2013-14, FY 2014-15 and FY 2015-16 as per the Tariff Orders of the respective years in compliance with the judgement of Hon'ble APTEL in Appeal No. 41/2012 on November 21' 2012.

The Commission has also perused the CERC Regulations for the tariff period 2014-19 and found the NAPAF to be 85% as per Regulation 36 (A) (a) and accordingly approves the same for FY 2016-17.

**The Commission, therefore, approves the Normative Annual Plant Availability Factor (NAPAF) at 85% for FY 2016-17.**

### 5.3.2 Auxiliary Power Consumption (APC)

#### Petitioner's Submission

The Petitioner has submitted that the APC be considered as per actuals based on the period from 01.06.2015 to 30.09.2015 because the station has electric gas booster compressor pumps due to which APC is higher and CEA has also recommended higher APC for plants having electric gas booster compressor. Since natural gas is supplied at a lower pressure i.e. 3 to 5 kg/sq.cm, electric driven gas booster compressor is required to boost up the gas pressure to 17 kg/sq.cm resulting in increase of APC. Four electric driven gas booster compressor of 300 kW each have to run to achieve the full load. Further, the Petitioner has submitted that the Hon'ble APTEL has held in a number of judgments that the vintage of power plants is to be kept in mind before determining the various operating parameters for the power plant and accordingly the Petitioner has prayed for APC at 6%.

#### Commission's Analysis

The Commission has observed the submissions made by the Petitioner and considered the auxiliary power consumption as per the norms mentioned in the CERC Regulations and CEA guidelines. As per the CERC (Terms and Conditions for Determination of Tariff) Regulations for the tariff period 2014-19, the norm of auxiliary power consumption for gas turbine generating stations is as below. The Regulation 36 (E) (c) of CERC Regulation 2014-19 has been referred to here.

- |                   |       |
|-------------------|-------|
| 1. Combined cycle | 2.5%  |
| 2. Open cycle     | 1.0 % |

As per the CEA guidelines, in cases where electric driven gas booster compressors are part of the auxiliary plant, 2.5% extra auxiliary consumption can be allowed.

In view of the above norms mentioned in the CERC Regulations and CEA guidelines, 2.50% auxiliary consumption for combined cycle plus additional APC limited to 2.5% for the

electric driven gas booster compressor pumps is approved for auxiliary power consumption for FY 2016-17.

The Hon'ble APTEL in Appeal No. 41/2012 in its judgment dated November 21' 2012 has upheld the decision and analysis of the Commission on the auxiliary power consumption norm of the power plant. The relevant extract of the judgment is as –

**Quote**

“

*We have carefully considered these submissions. As a matter of fact, this point has been taken into consideration by the Joint Commission in the tariff order dated 6.8.2011.*

*The Joint Commission referred to the said prayer and also considered the Auxiliary Consumption actuals for the previous year's 2000-01 to 2009-10 and for the projection for the year 2010-11 and 2011-12. It is specifically held by the Joint Commission in the said impugned order dated 6.8.2011 that Central Commission Regulations 2009 provided the norms of Auxiliary Consumption for gas turbine generating station as*

- (i) Combined cycle 3.0%*
- (ii) Open cycle 1%*

*The Joint Commission also referred to the CEA guidelines which provided that in cases where electric driven gas booster compressor are part of the Auxiliary Plant, 2.5% extra Auxiliary Consumption can be allowed. Taking into consideration of all these factors, the Auxiliary Consumption of 5.5% was approved by the Joint Commission for the financial year 2011-12 since the Appellants gas plant is having electric driven gas booster compressor.*

*Thus, it is clear that the Joint Commission followed the Central Commission Regulations as well as the CEA guidelines and correctly approved Auxiliary Power Consumption at 5.5% as there was no case made out for relaxation. This finding, in our view is perfectly justified.”*

**Unquote**

Thus, the above judgment has upheld the analysis of the Commission that the auxiliary power consumption should be approved as per the CERC Regulations and CEA guidelines. The Commission in its analysis has referred to the CERC Regulations for the tariff period 2014-19 and accordingly approves the auxiliary power consumption at 5.0% for FY 2016-17.



**The Commission, therefore, approves Auxiliary Power Consumption (APC) at 2.5% for combined cycle plus additional power consumption limited to 2.5% for electric driven gas booster pumps. Thus, 5.0% auxiliary power consumption of gross power generation is approved for FY 2016-17.**

### **5.3.3 Gross Station Heat Rate (GSHR)**

#### **Petitioner's Submission**

The Petitioner has submitted that the JERC Tariff Regulations 2009 provide that the norms and parameters of CERC Tariff Regulations shall be applicable. CERC Regulations provide for determination of Station Heat Rate on the basis of Gross Calorific Value (GCV).

The station design net heat rate is 2291 kcal/kWh. A copy of the heat balance diagram for design heat rate has also been enclosed along with the petition. The gross heat design heat for net station design heat rate of 2291 kcal/kWh works out to  $(2291 \times 1.1)$  2520 kcal/kWh considering a conversion factor of 1.1 i.e. GCV = 110% of NCV. Further, applying the degradation factor of 5 % as per the CERC Regulations, the normative GSHR comes out to  $2520 \times 1.05 = 2646$  kcal/kWh. The Commission has also approved the GSHR at 2646 kcal/kWh for FY 2015-16 on the basis of the submission of the Performance Guarantee Report of the Corporation for the guaranteed heat rate of 2291 kcal/kWh (on the basis of the NCV of the gas). Accordingly, the Petitioner has sought GSHR of 2646 kcal/kWh for FY 2016-17.

#### **Commission's Analysis**

The Commission had dealt with the issue of fixing the GSHR in the previous Tariff Order dated April 25' 2014 after elaborately analyzing the past actuals of the heat rate for twelve years and CERC Order dated 07.06.2012 on NEEPCO's Petition for revising the GHR of Assam and Agartala Gas Power Projects as analogous to the PPCL Plant. The Commission had also gone through the Performance Guarantee Report of PPCL gas power station for the guaranteed heat rate of 2291 kcal/kWh (on the basis of the NCV of the gas) and accordingly approved GSHR at 2646 kcal/kWh for FY 2014-15. Similar principle had been applied for approving the GSHR at 2646 kcal/kWh for FY 2015-16.

On similar lines and considering the Performance Guarantee Report of PPCL gas power station for the guaranteed heat rate of 2291 kcal/kWh (on the basis of the NCV of the gas), the Commission approves the GSHR at 2646 kcal/kWh for FY 2016-17.

The Commission, therefore, approves the Gross Station Heat Rate (GSHR) for the PPCL gas station at 2646 kcal/kWh for FY 2016-17.

#### 5.3.4 Performance Parameters approved for FY 2016-17

Based on the above analysis, the performance parameters as approved for PPCL gas power station for FY 2016-17 are as listed in the Table below.

**Table 14: Performance Parameters approved by the Commission for FY 2016-17**

S. No.	Parameter	Projected by the Petitioner	Approved by the Commission
1.	Normative Plant Availability Factor (%)	85%	85%
2.	Auxiliary Power Consumption (%)	6.00%	5.00%
3.	Gross Station Heat Rate (kcal/kWh)	2646	2646

#### 5.4 Variable Cost Parameters

The Commission has prescribed a formula, in line with the CERC formula, for calculating Energy (Variable) charges on month to month basis for billing purpose. However, in the following paragraphs, variable charges have been computed to workout cost of gas (one month) and receivable for two months (energy charge component) which are used for calculation of the working capital requirement.

The details of the weighted average gross calorific value (GCV) and price of gas as submitted by the Petitioner and the Commission's analysis are discussed below in the following paragraphs.

##### 5.4.1 Weighted Average Gross Calorific Value (GCV) of Gas

###### **Petitioner's Submission**

The Petitioner has submitted the weighted average GCV 10140.28 kcal/scm for FY 2016-17 based on the landed cost of gas for the months of July'15, August'15 and September'15. This has been considered to calculate the fuel cost for working out the interest on working capital. The Commission is requested to allow weighted average GCV of gas for the months of July'15, August'15 and September'15.

###### **Commission's Analysis**

The CERC Regulations for calculation of the working capital requirement state that the **Quote** "landed cost incurred (taking into account normative transit and handling losses) by the generating company and gross calorific value of the fuel as per actual for the three

months preceding the first month for which tariff is to be determined shall be considered and no fuel price escalation shall be provided during the tariff period.” **Unquote**

In line with the CERC Regulations, the Commission had asked PPCL to submit the latest data of the fuel cost and GCV.

Accordingly, PPCL made additional submission on January 22’ 2016 furnishing the following details:

**Table 15: GCV gas details submitted by the Petitioner for FY 2016-17**

S. TNo.	Parameter	Unit	Oct’15	Nov’15	Dec’15
			Gas	Gas	Gas
1.	Quantity of gas supplied by GAIL	Cu.m	5653316	5504574	5724070
2.	Adjustment(+/-) in quantity supplied made by GAIL	Cu.m	-	-	-
3.	Gas supplied by GAIL (1+2)	Cu.m	56,53,316	55,04,574	57,24,070
4.	Normative Transit & Handling Losses	Cu.m	-	-	-
5.	Net Gas Supplied (3-4)	Cu.m	56,53,316	55,04,574	57,24,070
6.	Amount charged by the Gas Company	(Rs)	61208172	58742908	61806152
7.	Adjustment(+/-) in amount charged made by Gas Company	(Rs)	-	-	-
8.	Total amount charged (6+7)	(Rs)	6,12,08,172	5,87,42,908	6,18,06,152
9.	Transportation charges by rail /ship/ road transport	(Rs)	-	-	-
10.	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs)	-	-	-
11.	Demurrage Charges, if any	(Rs)	-	-	-
12.	Cost of diesel in transporting gas through other system, if applicable	(Rs)	-	-	-
13.	Total Transportation Charges (9+/-10-11+12)	(Rs)	-	-	-
14.	Total amount Charged for fuel supplied including Transportation (8+13)	(Rs)	6,12,08,172	5,87,42,908	6,18,06,152
15.	Weighted average GCV of Gas as fired	(kCal/Cu.m)	10094.45	10118.81	10081.54
16.	Weighted average rate of Fuel/1000 Cu.m	Rs/1000 Cu.m	10,826.95	10,671.65	10,797.59

The Commission has validated the fuel details submitted by the Petitioner from the fuel bills submitted alongside and found the above submission as regards the quantity of gas, cost of fuel and weighted average GCV of gas in order.

The Commission has considered weighted average GCV of gas for the period Oct'15, Nov'15 and Dec'15 in its analysis of the GCV. The Commission has computed the GCV of gas weighted by the quantity of gas procured for these months to arrive at the weighted average GCV of gas for the period from Oct'15 to Dec'15.

**Table 16: Weighted average GCV (kcal/scm) considered by Commission for FY 2016-17**

S. No.	Parameter	Oct'15	Nov'15	Dec'15
1.	Average GCV of gas for the month (kcal/scm)	10094.45	10118.81	10081.54
2.	Weighted average GCV of gas considered by the Commission for FY 2016-17 (kcal/scm)	10098.02		

The Commission, therefore, considers it appropriate to take GCV 10098.02 kcal/scm based on the additional submission of the Petitioner for purposes of computing the working capital requirement for FY 2016-17.

**Accordingly, the Commission considers the Gross Calorific Value of Gas as 10098.02 kcal/scm for purpose of computation of the fuel cost in working capital requirement for FY 2016-17.**

#### 5.4.2 Weighted Average Price of Gas

##### **Petitioner's Submission**

The Petitioner has considered the weighted average landed cost of gas for the months of July'15, August'15 and September'15. This has been considered to arrive at the fuel cost for working out the interest on working capital for FY 2016-17.

The Petitioner has considered the weighted average price of gas Rs. 12770.03 per 1000 scm for FY 2016-17 based on the months of July'15, August'15 and September'15.

##### **Commission's Analysis**

As the CERC Regulations provide for the landed cost of fuel to be considered for the three months preceding the first month for which tariff is to be determined, the Commission asked PPCL to furnish the latest bills and corresponding figures. The Petitioner, subsequently submitted the details as given earlier in Table 15.

The Commission validated the fuel details from the fuel bills submitted by the Petitioner alongside and found the submission of the Petitioner to be in order.

The Commission in its analysis has considered the weighted average (weighted by the quantity procured during the period) to arrive at Rs. 10766.36 per 1000 scm rate for the fuel.

**Table 17: Weighted Average Cost of Gas (Rs/1000 scm) considered for FY 2016-17**

S. No.	Parameter	Oct'15	Nov'15	Dec'15
1.	Weighted average cost of gas as fired (Rs /1000 scm) for the month	10,826.95	10,671.65	10,797.59
2.	Weighted average cost of gas (Rs/1000 scm) considered by the Commission for FY 2016-17	10,766.36		

The Commission in its analysis considers it appropriate to allow the weighted average price of gas as Rs 10766.36 per 1000 scm to arrive at the weighted average cost of gas for the period from Oct'15 to Dec'15.

**Accordingly, the Commission considers the weighted average cost of gas at Rs 10766.36 per 1000 scm for the purpose of computation of the fuel cost in the working capital requirement for FY 2016-17.**

#### 5.5 Energy (Variable) Charges for working capital requirement for FY 2016-17

Based on the performance and cost parameters as approved in the earlier paragraphs, the fuel cost of PPCL gas station for FY 2016-17 at 85% NAPAF, is worked out as given in the Table below:

**Table 18: Variable Charges for working capital for FY 2016-17**

S. No.	Items	Unit	Approved
1.	Station Heat Rate	kcal/kWh	2646
2.	Gross Calorific value of Gas	kcal/scm	10098.02
3.	Price of Gas	Rs/1000 scm	10766.36
4.	Fuel Cost /Gross units	Rs/kWh	2.821
<b>5.</b>	<b>Fuel Cost/Net units</b>	<b>Rs/kWh</b>	<b>2.970</b>

## 5.6 Annual Fixed Charges (AFC) for FY 2016-17

### Petitioner's Submission

The Petitioner has submitted the projections of the capacity charges/fixed charges comprising the following components for FY 2016-17.

1. Depreciation
2. Interest on Loan
3. Return on Equity
4. O&M Expenses
5. Interest on Working Capital

The components of the AFC as mentioned above are discussed in detail in the following paragraphs.

### 5.6.1 Capital Cost for FY 2016-17

#### Petitioner's Submission

The Petitioner has submitted that the total capital cost has been claimed as stated in Regulation 22 (2) of the JERC Tariff Regulations, 2009. The Petitioner has prepared the tariff for FY 2016-17 by considering the capital cost of Rs. 150.37 Crores as opening capital cost as per Hon'ble Commission order dated 31.03.2015. The RO Plant project has been completed during FY 2013-14 and till date Rs. 3.96 Crores has been paid.

It is submitted that the capital cost of the RO plant work has already been approved by the Commission vide its order No.G.O.Ms.No.35, dated 15.12.2006. The work was completed in January 2014 at an estimated cost of Rs. 4.29 Crores for which the Petitioner has also obtained approval from the Govt. of Puducherry. Thus, the R.O. Plant has been capitalized for an amount of Rs. 4.47 Crores which includes the Consultancy charges paid to the Central Electricity Authority in connection with the execution of the project, travelling expenses, etc., and advertisement charges thereon, as the Plant as put into operation with effect from 01.10.2014.

Further, the Petitioner has submitted that-

*"No generating station can operate on a sustainable basis to achieve the level of performance parameters specified by the Hon'ble Commission without incurring capital expenditure on various items from time to time. The expenditure on capital assets to be*

*incurred by the generating stations are, therefore, a necessity for the proper and effective working of the generating station and, therefore, are beneficial to the respondents. The incurring of additional capital expenditure from time to time towards replacement / refurbishment of old assets has been absolutely necessary to maintain the higher level of performance on a sustainable basis and is in the larger public interest. The significant improvements in the performance which the generating stations have been able to achieve were because of the investment made from time to time in the replacement/ refurbishing of the assets which have served for many years."*

The Petitioner has considered the amount of Rs. 3.96 Crores on payment basis up to September, 2014 and the difference of Rs. 0.51 Crores (Rs.4.47 Crores - Rs.3.96 crores) has been added to the opening capital cost of Rs. 150.37 Crores as the project is completed and handed over to the Corporation and the same has been put into operation with effect from 01.10.2014. Accordingly, the closing capital cost of Rs. 150.88 Crores has been considered by the Petitioner for FY 2016-17.

### **Commission's Analysis**

The Commission has noted the submission of the Petitioner for a claim of additional capitalization of Rs. 0.51 Crores. The Commission in the earlier Tariff Order dated April 25' 2014 had allowed capitalization of Rs. 3.32 Crores towards the RO plant on the basis of actual payment, on the approved opening capital cost of Rs. 146.45 Crores for FY 2014-15. Further, the Commission had allowed amount of Rs. 0.60 Crores on actual payment basis as additional capitalization towards the RO plant during FY 2014-15 as per the last year's Tariff Order dated March 31' 2015, thereby approving the closing capital cost at Rs. 150.37 Crores as on 31<sup>st</sup> March 2015.

The Commission, notes, that the Petitioner this time has sought an amount of Rs. 0.51 Crores as additional capitalization towards the RO plant as the project is completed and handed over to the Corporation and the same is put into operation with effect from 01.10.2014.

The Commission, considering the reasonableness of the expenditure of Rs. 0.51 Crores allows the same towards the capitalization of the RO plant during FY 2014-15. The Commission will re-visit the earlier approval of the capital cost for FY 2014-15 during the True-up of the said year.

For purposes of the capital cost for FY 2016-17, the Commission has considered the capitalization of Rs. 0.51 Crores towards the RO plant during FY 2014-15 as the plant has been put into operation with effect from 01.10.2014. The Commission, notes that the Petitioner has inadvertently added the additional capitalization of Rs. 0.51 Crores towards

the RO plant during FY 2016-17. The Commission, however, considering the said expenditure during FY 2014-15 considers the closing capital cost of Rs.  $(150.37 + 0.51) = 150.88$  Crores as on 31<sup>st</sup> March 2015.

The Commission, therefore, considers the opening capital cost of Rs. 150.88 Crores and no further additional capitalization during FY 2016-17.

**The Commission, therefore, approves the opening capital cost at Rs. 150.88 Crores and no further additional capitalization during FY 2016-17.**

## 5.6.2 Depreciation for FY 2016-17

### Petitioner's Submission

The Petitioner has projected the depreciation charge for the year at Rs. 0.38 Crores. The Petitioner has restricted the accumulated depreciation of the asset to 90% of the capitalized value of the asset. The rate of depreciation has been considered as per Regulation 26 of the JERC Tariff Regulations 2009 and applicable CERC Regulations.

The Petitioner has claimed depreciation on the closing capital cost of Rs. 150.88 Crores, (cost of freehold land of Rs 7.93 Crores to be excluded); the cumulative depreciation claimed upto FY 2015-16 is Rs. 125.27 Crores. The cap on depreciation for the year i.e. 90% of the capitalized value of the asset has been considered as Rs 128.66 Crores.

Since the plant has already completed 12 years of operation and would be in its 16<sup>th</sup> year of operation in FY 2016-17, the Petitioner has considered the remaining depreciable value of the asset i.e. Rs  $(128.66-125.27)$  i.e. Rs. 3.39 Crores to be shared equally over the remaining life of the asset i.e. 9 years and accordingly claimed depreciation of Rs. 0.38 Crores for FY 2016-17.

The Petitioner has claimed the depreciation amount of Rs. 0.38 Crores for FY 2016-17.

### Commission's Analysis

The Commission has considered the opening capital cost of Rs 150.88 Crores and no additional capitalization during FY 2016-17 for purposes of the tariff determination exercise. The cost of the freehold land of Rs 7.93 Crores has been excluded for depreciation purpose. The cumulative depreciation recovered up to FY 2015-16 is Rs. 125.27 Crores (as per the last year Tariff Order dated March 31' 2015). It is noted that the plant is in its 16<sup>th</sup> year of operation. Since the plant has already completed 12 years from the date of commercial operation, the remaining depreciable value of the asset has been spread over the balance



useful life of the asset (i.e. 9 years) as per the CERC regulations. Relevant extract of the Regulation is as reproduced below.

As per the CERC Regulations for the tariff period 2014-19, Regulation 27(5):

**Quote**

*“Provided that the remaining depreciable value as on 31st March of the year closing after a period of 12 years from the effective date of commercial operation of the station shall be spread over the balance useful life of the assets.”*

**Unquote**

The depreciable value of the asset has been capped at 90% of the capital cost of the asset as per the applicable CERC Regulations and accordingly the depreciation for the year is approved at Rs 0.38 Crores.

**Table 19 : Depreciation approved by the Commission for FY 2016-17 (Rs Crores)**

S. No.	Details	Petitioner's Submission	Approved
1	Closing Capital cost	150.88	150.88
2	Less cost of Freehold Land	7.93	7.93
3	Capital cost excluding Freehold Land	142.95	142.95
4	Cap on depreciation	128.66	128.66
5	Cumulative depreciation up to previous year	125.27	125.27
<b>6</b>	<b>Depreciation for the year</b>	<b>0.38</b>	<b>0.38</b>

As shown in the above Table, the remaining depreciation of Rs. (128.66 – 125.27) = 3.39 Crores has been spread over the remaining useful life of the asset i.e. 9 years, resulting into depreciation for the year at Rs. 0.38 Crores.

**The Commission, therefore, approves the depreciation at Rs. 0.38 Crores for FY 2016-17.**

### 5.6.3 Interest Charges on Loan for FY 2016-17

**Petitioner's Submission**

The Petitioner has submitted that the entire capital cost of the project has been funded from its own resources and capital investment has been considered at 70% normative loan and 30% normative equity as per the JERC Tariff Regulations 2009 and applicable CERC Regulations.

The Petitioner has considered the opening capital cost of Rs 150.37 Crores, with the addition in capital cost of Rs 0.51 Crores, resulting in closing capital cost of Rs 150.88 Crores. The Petitioner has considered the gross loan of Rs 105.44 Crores, with cumulative repayment of Rs

105.44 Crores, resulting in NIL net opening loans.

The rate of interest has been considered at 13.36%. The Petitioner has considered NIL interest charges for the year.

### Commission's Analysis

Regulation 26 of CERC Regulations for the tariff period 2014-19 has been referred to here for the computation of the interest on normative loan.

On the basis of the approved average capital cost of Rs 150.88 Crores, the gross normative loan amount is Rs 105.62 Crores. As per the applicable CERC Regulations, the repayment shall be deemed to be equal to the depreciation amount. On a clarification from the Commission regarding the cumulative repayment considered for purposes of interest calculation, the Petitioner has submitted that the cumulative depreciation recovered so far is higher than the gross normative loan, so the cumulative repayment has been considered limited to the gross normative loan. The submission of the Petitioner is found to be in order, as elaborated below.

It is observed that the cumulative depreciation so far recovered (upto FY 2015-16) is Rs 125.27 Crores as also reflected in para 5.6.2 above. The gross normative average loan for FY 2016-17 on the basis of the approved average capital cost of Rs 150.88 Crores is Rs 105.62 Crores. It is seen that the cumulative depreciation so far recovered is higher than the gross normative loan amount and accordingly there is no loan outstanding for the year. In the absence of any outstanding loan amount, the interest charges for the year are approved as NIL.

The computation of the interest charges is as below.

**Table 20: Interest Charges approved by the Commission for FY 2016-17 (Rs Crores)**

S. No.	Details	Petitioner's Submission	Approved
1.	Average Capital cost for the year	150.63	150.88
2.	Loan at 70% of average capital cost	105.44	105.62
3.	Cumulative repayment upto current year	105.44	105.62
<b>4.</b>	<b>Average net loan outstanding</b>	<b>0.00</b>	<b>0.00</b>
<b>5.</b>	<b>Rate of Interest</b>	<b>13.36%</b>	<b>13.36%</b>
<b>6.</b>	<b>Interest</b>	<b>0.00</b>	<b>0.00</b>

**The Commission, therefore, approves the interest charges for the year as NIL for FY 2016-17.**

## 5.6.4 Interest on Working Capital

### Petitioner's Submission

The Petitioner has claimed the interest on working capital of Rs. 4.01 Crores for FY 2016-17 as per the applicable CERC Regulation 28(3) and Regulations 29 of the JERC Tariff Regulations 2009. CERC Regulations 2014-19 have been referred to by the Petitioner.

For computing the Interest on Working Capital (IWC), the rate of interest considered is the SBI Base Rate as on 01.4.2015 as per Regulation 28(3) of CERC Regulation 2014-19 i.e. 13.50%. The energy charges considered while working out IWC are based on average actual fuel consumption and payments made pertaining to the period commencing from July'15, August'15 and September'15.

### Commission's Analysis

As per CERC Regulations for tariff period 2014-19, Regulation 28 (3): the working capital to the Gas Turbine Generating Station shall be considered as under:

- i. Fuel cost of one month (Gas) at NAPAF
- ii. Maintenance spares at 30% of O&M expenses specified in Regulation 19
- iii. Receivables equivalent to two months of capacity and energy charges based on the NAPAF
- iv. O&M expenses for one month

The applicable rate of interest as per the Regulation 28 (3) is as:

**Quote** "Rate of interest on working capital shall be on normative basis and shall be considered as the bank rate as on 1.4.2014 or as on 1st April of the year during the tariff period 2014-15 to 2018-19 in which the generating station or a unit thereof or the transmission system including communication system or element thereof, as the case may be, is declared under commercial operation, whichever is later." **Unquote**

The bank rate has been defined in the regulations as follows:

**Quote** "Bank Rate means the base rate of interest as specified by the State Bank of India from time to time or any replacement thereof for the time being in effect plus 350 basis points" **Unquote**

Accordingly, the Commission has considered the base rate of 10.00% (as on 01.04.2014) and arrived at the bank rate of 13.50% (10.00% + 3.50%) for computation of the interest on working capital for FY 2016-17.

The energy charges considered while working out WC are based on average actual fuel

consumption and payments made for the months of October'15, November'15 and December'15, as discussed in Section 5.4 of this Order. The weighted average GCV and weighted average cost of gas for calculating the fuel requirement/cost is as discussed in Section 5.4 of this Order. Energy charges for working capital purposes have been worked out corresponding to generation at NAPAF of 85%.

The Commission has considered the working capital and interest thereon as per the Regulations mentioned above at an interest rate of 13.50% per annum and arrived at the interest on working capital of Rs 3.47 Crores.

**Table 21: Interest on working capital approved by the Commission for FY 2016-17 (Rs Crores)**

S. No.	Details	Petitioner's Submission	Approved
1.	Cost of gas (one month) at NAPAF	6.79	5.69
2.	Maintenance Spares (30% O&M expenses)	3.71	3.72
3.	Receivables (two months) at NAPAF	18.15	15.25
4.	O&M expenses (one month)	1.03	1.03
<b>5.</b>	<b>Total working capital</b>	<b>29.68</b>	<b>25.69</b>
<b>6.</b>	<b>Rate of interest on working capital</b>	<b>13.50%</b>	<b>13.50%</b>
<b>7.</b>	<b>Interest on working capital</b>	<b>4.01</b>	<b>3.47</b>

**The Commission, therefore, approves Rs. 3.47 Crores as the interest on working capital for FY 2016-17.**

### 5.6.5 Operation and Maintenance (O&M) Expenses

#### **Petitioner's Submission**

The Petitioner has claimed the O&M expenses at Rs. 12.38 Crores for FY 2016-17. The O&M expenses include employee cost, R&M expenses and A&G expenses.

The Petitioner has submitted that the O&M expenses have been taken as @ 35.70 lac/MW as specified by CERC for small gas turbine for FY 2015-16 and thereafter the O&M expenses for relevant year of tariff have been worked out considering escalation @ 6.7% p.a. over the base O&M expenses of FY 2015-16, based on JERC Regulation 27 and applicable CERC Regulations.

The Petitioner, has also additionally claimed O&M expenses of Rs. 9.33 Crores as a one-time relief measure for FY 2014-15 due to the major break-down which occurred during the

period 01.10.2014 to 01.05.2015. There was no generation during the period of breakdown for approximately 7 months and there was no generation for the month of April, 2015 for which the GAIL (I) Ltd., will claim the Minimum Guaranteed Off-take (MGO). The condition of claiming the MGO is known accurately only at the end of the year and for FY 2015-16, due to the major breakdown, the Petitioner will be liable to pay MGO which would be known only at the end of the financial year. The Petitioner has submitted that as a one-time measure, the additional expenditure being incurred on Generator repairs be allowed additionally as part of Operation and Maintenance expenses. The Plant was re-started on 02.05.2015 after completion of major breakdown which covered the period from 01.10.2014 to 01.05.2015. The Petitioner has submitted that due to the machinery breakdown for no fault on the part of the Petitioner, it has had to incur a one-time extra expenditure which has not envisaged when the O & M Expenses had been notified by the Commission and has requested to allow the same to be recovered by way of tariff as a one-time measure.

#### **Commission's Analysis**

The Commission has examined the O&M expenses claimed by the Petitioner. The Commission has considered the CERC tariff regulations for the tariff period 2014-19. As per the CERC Regulation 29 (c), the O&M expenses for small gas turbine power generating plants for the tariff period FY 2016-17 are to be considered as Rs 38.13 lakhs/MW. Accordingly, the O&M expenses for the 32.5 MW gas plant for FY 2016-17 have been worked out as  $(38.13 \times 32.5 / 100 = 12.39)$  Rs 12.39 Crores.

Regarding the additional expenditure claimed for the Repairs of Stator and Rotor of the Gas Turbine generator carried out by BHEL at a cost of Rs. 9.33 Crores for the break-down period 01.10.2014 to 01.05.2015, the actual amount due would be known only once the claim from the insurance company is settled and during the final True-up for FY 2014-15 based on finalization of the audited accounts for the year. The Commission would then take a view regarding this expenditure.

**Table 22: O&M expenses approved for FY 2016-17 (Rs Crores)**

S. No.	Financial Year	Approved
1.	2014-15	10.86
2.	2015-16	11.60
3.	2016-17	12.39

**The Commission, therefore, approves the Operation & Maintenance charges at Rs 12.39 Crores for FY 2016-17.**

## 5.6.6 Return on Equity

### Petitioner's Submission

The Petitioner has submitted that the entire capital cost of the project has been funded from its own resources and capital investment has been considered as 70% normative loan and 30% normative equity as per JERC Tariff Regulations 2009. Regulations stipulate that if the equity employed is more than 30%, the amount of equity for determination of tariff is limited to 30% and the balance amount is to be considered as normative loan.

The Petitioner has submitted the pre-tax rate of return on equity as 23.481% (Base rate of return of 15.5% grossed up by the corporate tax rate of 33.99%) as per Regulation 24 of the JERC Tariff Regulations and CERC Regulations. The Petitioner has submitted that it does not have any tax holiday from FY 2010-11 and the tax holiday was applicable only up to FY 2009-10.

The Petitioner has claimed return on equity on 30% of the average capital cost submitted i.e. Rs. 150.63 Crores at the rate of 23.481% which works out to Rs. 10.61 Crores (23.481% of Rs. 45.19 Crores).

### Commission's Analysis

The Commission for purposes of the tax on return on equity has kept in mind the CERC Regulations for 2014-19.

Relevant extract of the CERC Regulation 25(1) is as:

**Quote** *"the base rate of return on equity as allowed by the Commission under Regulation 24 shall be grossed up with the effective tax rate of the respective financial year. For this purpose, the effective tax rate shall be considered on the basis of actual tax paid in the respect of the financial year in line with the provisions of the relevant Finance Acts by the concerned generating company or the transmission licensee, as the case may be. The actual tax income on other income stream (i.e., income of non-generation or non-transmission business, as the case may be) shall not be considered for the calculation of "effective tax rate"."* **Unquote**

Further, Regulation 25 (3) talks about the truing-up of the grossing up of the rate on return on equity. Relevant extract is as:

**Quote** *"The generating company or the transmission licensee, as the case may be, shall true up the grossed up rate of return on equity at the end of every financial year based on actual tax paid together with any additional tax demand including interest thereon, duly adjusted for any refund of tax including interest received from the income tax authorities pertaining*

*to the tariff period 2014-15 to 2018-19 on actual gross income of any financial year...”*

**Unquote**

For the purpose of analysis of the grossing-up tax rate on the base rate of return of 15.5%, the Commission notes that as per the unaudited accounts for FY 2014-15, the Petitioner incurred a loss (loss before tax) of Rs. 31.96 Crores due to the plant breakdown from 01.10.2014 to 01.05.2015. The Commission is of the view that it would be difficult for the Petitioner to absorb such high losses and the carry-forward impact of such loss would continue during FY 2016-17. In this regard, the Commission notes that Profit after Tax for FY 2013-14 (audited) is Rs. 8.78 Crores and FY 2012-13 (audited) is Rs. 6.92 Crores respectively. Assuming a similar profitability in the range of Rs. 10 Crores during FY 2015-16 and FY 2016-17, the carry-forward impact of the loss incurred during FY 2014-15, would lead to no tax liability during FY 2016-17.

The Commission, in view of the above, has therefore considered that the Petitioner would not be liable to pay any tax during FY 2016-17. The same would be re-visited at the time of True-up for FY 2016-17 based on the actual tax paid and duly supported by relevant documents. Therefore, the Commission has not considered the grossing-up of the base rate with the tax rate and has considered the return on equity as 15.50%.

Further, the Commission highlights that the other income stream (i.e. income of non-generation or non-transmission business, as the case may be) shall not be considered for the calculation of “effective tax rate” in terms of the relevant regulations during the True-up.

**The Commission directs the Petitioner to provide actual tax details along with the supporting documents during the True-up of FY 2016-17.**

The return on equity on the approved average capital cost of Rs. 150.88 Crores on the normative equity capital base works out to Rs. 7.02 Crores. (15.50% on the equity portion (30%) of approved average capital cost of Rs. 150.88 Crores).

**Therefore, the Commission approves the return on equity at Rs. 7.02 Crores for FY 2016-17.**

## 5.7 Annual Fixed Charge (AFC) approved for FY 2016-17

The Annual Fixed Charge (AFC) vis-à-vis that submitted by the Petitioner is as below for FY 2016-17.

**Table 23: Annual Fixed Charge approved for FY 2016-17 (Rs Crores)**

S. No.	Particulars	Petitioner's Submission in the petition	Approved
1.	Depreciation	0.38	0.38
2.	Interest on Loan	0.00	0.00
3.	Interest on Working Capital	4.01	3.47
4.	Operation and Maintenance Expenses	12.38	12.39
5.	Return on Equity	10.61	7.02
6.	<b>Annual Fixed Charge (AFC)</b>	<b>27.38</b>	<b>23.25</b>

**The Commission, therefore, approves the AFC at Rs. 23.25 Crores for FY 2016-17.**

## 5.8 Energy /Variable Charge (Net)

The Commission approves the computation of energy charges for payment purpose for FY 2016-17 on the basis of the following formula:

$$ECR = GHR \times LGP \times 100 / \{GCV \times (100 - APC)\}$$

Where

ECR= Energy Charge Rate, in Rs. per kWh sent out upto three decimal places

GHR= Normative Gross Station Heat Rate in kcal/kWh

LGP= Weighted average landed price of gas in Rs/scm, during the calendar month

GCV= Gross Calorific Value of gas, in kcal per scm during the calendar month

APC= Normative Auxiliary Power Consumption in percentage

**As the energy charges shall be computed and billed based on the above formula, there will be no need for any adjustment in True-up on this account.**

An illustrative example is as shown below:

Assuming,

GHR = Normative Gross Station Heat Rate i.e. Rs 2646 kcal/kWh for FY 2016-17

LGP = Rs 10.766/scm

GCV = 10098 kcal/scm

APC= Normative Auxiliary Power Consumption, at 5.00% for FY 2016-17

ECR =  $2646 \times 10.766 \times 100 / ((10098 \times (100-5.0))) = \text{Rs } 2.970/\text{kWh}$



So, as can be observed from the above example the energy charges for the month work out to be Rs. 2.970 /kWh assuming the above mentioned parameters.

#### 5.9 Annual Fixed Charge and other charges approved by the Commission for FY 2016-17

- The Commission approves the Annual Fixed Charge (AFC) at Rs. 23.25 Crores for FY 2016-17
- **The capacity charges (fixed cost) per month to be billed shall be calculated as per the newly notified CERC Regulations for tariff period FY 2014-19. The payment of capacity charges shall be as per the Regulation 30 of the CERC Regulations for the tariff period FY 2014-19.**
- The Incentive shall be governed as per Regulation 30 (4) which is reproduced here below.

*“Incentive to a generating station or unit thereof shall be payable at a flat rate of 50 paise/kWh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor (NAPLF) as specified in regulation 36 (B).”*

**Further, the Commission approves the Normative Annual Plant Load Factor (NAPLF) of 85% for purposes of the incentive calculation as per Regulation 36 (B) (a) of the CERC Regulations for the tariff period from FY 2014-19.**

- The Energy Charges (net) to be billed per month shall be based on the unit energy rate calculated on the basis of the formula provided in Section 5.8 of this Order
- In addition to the charges approved above, the Commission also allows recovery of filing fees paid to the Commission and publication expenses for FY 2016-17 from the beneficiary in twelve equal monthly installments

## 6. Directives

The following are the Commission's observations on the pending compliance of directives, as per the earlier Tariff Orders.

### 6.1 Outstanding dues from ED-Puducherry to PPCL

The directive as given in the Tariff Order for FY 2013-14 dated March 28' 2013 is as -

#### Quote

*"The Commission has noted that there are outstanding dues of Rs 68.27 Crores from the ED, Puducherry to Puducherry Power Corporation Limited. PPCL is directed to expedite its collection from the Department and ensure that there are no arrears due. The supporting details as received from PPCL are attached as Annexure 6.*

*The status on the same should be reported to the Commission every quarter from the issuance of this order."*

#### Unquote

### (a) Compliance/Action taken as per the Tariff Order dated April 25' 2014

#### Petitioner's Submission

The Petitioner on a query regarding the status of collection of outstanding dues from ED-Puducherry to PPCL has submitted that Rs 71.50 Crores are outstanding towards sale of power made to EDP from FY 2008-09 till date including variable charges, revision of tariff as per JERC Order, True-up for FY 2011-12 and re-imburement of filing fees for FY 2011-12, FY 2012-13 and FY 2013-14. The details of the outstanding amount have been submitted by the Petitioner. Further, EDP is required to pay a surcharge of 1.50% per month as per the PPA on the outstanding amount.

#### Commission's Comments

The Commission has made note of the repeated requests of the Petitioner regarding its pending claims from ED-Puducherry. The Petitioner has made repeated requests to EDP vide its letters dated December 23' 2013 and July 29' 2013. Further, no payment of these outstanding dues has so far been received by the Petitioner. The Commission has made note of the submissions of the Petitioner and the efforts of the Petitioner in this regard. The Petitioner should provide the status of the same by September 30' 2014.

**(b) Compliance/Action taken as per the Tariff Order dated March 31' 2015**

**Petitioner's Submission**

The Petitioner has submitted that out of Rs. 71.50 Crores, they have received an amount of Rs. 5.85 Crores only. The balance amount of Rs. 65.65 Crores is still outstanding.

**Commission's Comments**

The Petitioner is once again directed to collect the outstanding from ED-Puducherry and to provide the status of the payment of the outstanding dues from EDP by September 30, 2015.

**(c) Compliance/Action taken as per this Tariff Order**

**Petitioner's Submission**

In spite of repeated requests, no amount was received from the Electricity Department against the outstanding of Rs. 132.42 Crores (amount outstanding Rs.65.65 crores + surcharge Rs.66.77 Crores). However, in accordance with the decision of the Board of Directors of the Corporation, the surcharge amount of Rs. 66.77 Crores was waived-off and the present outstanding after waiver of surcharge is Rs. 65.65 Crores. In this connection, it is also stated that the Corporation had received a provisional credit note from M/S GAIL (I) Ltd., amounting to Rs. 25.61 Crores towards refund of transmission charges, sales tax collected from PPCL on supply of gas during the period from FY 2008-09 to FY 2013-14. Of the said amount, some amount is payable to the Electricity Department, the details of which are being worked on. The copy of the letter addressed to Electricity Department, Puducherry requesting to settle the pending dues has also been enclosed.

**Commission's Comments**

The efforts of Petitioner in this regard are appreciated. The Petitioner is once again directed to collect the outstanding dues from ED-Puducherry and provide the status of the payment of outstanding dues by EDP by September 30' 2016. The Petitioner is directed to determine the amount of credit to be passed on to ED-Puducherry based on the Credit Note received from GAIL. It is further directed to expedite the collection of dues after adjusting the credit amount and settle this long pending issue. The Petitioner should provide the status of the payment of outstanding dues by EDP by September 30' 2016.

## 7. Conclusion

The Commission approves the capacity (fixed) charges and energy charges for FY 2016-17 and other charges for PPCL Gas Power Station at Karaikal as given below:

1. Annual Fixed Charge (AFC) for FY 2016-17 at Rs. 23.25 Crores and an amount of Rs. 1.01 Crores to be recovered as part of the True-up for FY 2013-14 during FY 2016-17.
2. Energy Charges (net) for FY 2016-17– to be calculated in accordance with the formula given in Section 5.8 of this Order
3. In addition to the charges approved above, the Commission also allows recovery of filing fees paid to the Commission and publication expenses for FY 2016-17 from the beneficiary in twelve equal monthly installments

This Order shall come into force from 01.04.2016 and shall remain effective till 31.03.2017.

-हस्ताक्षरित-  
**नीरजा माथुर**  
सदस्य

-हस्ताक्षरित-  
**सुधीर चतुर्वेदी**  
अध्यक्ष

संयुक्त विद्युत विनियामक आयोग  
(गोवा और केंद्र शासित प्रदेशों के लिए)

स्थान : गुडगाँव  
दिनांक: 23 मई, 2016

-हस्ताक्षरित-  
(प्रमाणित सत्य प्रतिलिपि)  
**सचिव**

# PUDUCHERRY POWER CORPORATION LIMITED

(A Govt. of Puducherry Undertaking)

No.10, 2nd Cross, Jawahar Nagar, Boomianpet, Puducherry - 605 005.

No.001/MD/PPCL

DT: 12.01.2016

## PUBLIC NOTICE

Notice is hereby given to all, consumers and stakeholders that Puducherry Power Corporation Ltd (PPCL) a "Generating Company" as defined under section 2(28) of the Electricity Act 2003, engaged in generation of electricity, has filed before the Joint Electricity Regulatory Commission (JERC) for Goa and UTs, a petition for Aggregate Revenue Requirement and approval of Tariff of the PPCL Gas Power Station (32.5MW) of the year 2016-17, under Section 62 of the Electricity Act, 2003 and Regulation No.12 of JERC/Regl.10/09 of Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Terms and Conditions for Determination of Tariff) Regulations, 2009.

The filing has been taken on record by the Hon'ble Commission in petition No.191/2016. The summary of ARR and Tariff for FY 2016-17 is given in the Table below:

Sl. No.	Particulars	
1	Gross Generation (MU)	242.66
2	Auxiliary Consumption (%)	6.00
3	Net Generation (MU)	228.10
4	Capacity charges (Rs. Millions)	273.78
	a) Interest on loan capital (Rs. Millions)	0.00
	b) Depreciation (Rs. Millions)	3.80
	c) Advance against Depreciation (Rs. Millions)	-
	d) O & M expenses (Rs. Millions)	123.80
	e) Interest on working capital (Rs. Millions)	40.07
	f) Foreign exchange rate variation (Rs. Millions)	-
	g) Return on equity (Rs. Millions)	106.11
	h) Taxes (Rs. Millions)	-
5	Energy/variable charges (Rs. Millions)	814.98
6	Total expenses (Rs. Millions) (4+5)	1088.76
7	Cost per unit in Rs. (6/3)	4.77

Copies of the filings and petition referred to above are available in the Office of the Managing Director, Puducherry Power Corporation Ltd, No.10, Second Cross, Jawahar Nagar, Boomianpet, Puducherry - 605 005 and in the website of the Corporation at [ppcl.puducherry.gov.in](http://ppcl.puducherry.gov.in). Interested persons may inspect/peruse the said ARR and tariff proposals and take note thereof during office hours at the said office, free of charge. Copies of the above documents (with enclosures) can also be obtained on payment of Rs.250/- for each set from the office of Managing Director, PPCL at the above premises on all working days between 10:00 hrs and 16:00 hrs from 13.01.2016.

Objections/suggestions, if any, on the ARR filing and tariff proposals submitted by PPCL with supporting material may be filed with the Secretary, Joint Electricity Regulatory Commission (for State of Goa & UT's), 2nd Floor, HSIIDC Office Complex, Vanija Nikunj Complex, Udyog Vihar, Phase -V, Gurgaon-122 016(Haryana) in five copies in person or through registered post so as to reach him on or before 27.01.2016 and a copy of the objection/suggestion should also be sent to the Managing Director, Puducherry Power Corporation Ltd, No.10, Second Cross, Jawahar Nagar, Boomianpet, Puducherry-605 005.

The objections/suggestions as above should be filed in five copies (one original + 4 copies) and carry full name and postal address of the person sending the objections and should be supported by an affidavit. If the objection is filed on behalf of any organization or any class of consumers, it should be so mentioned. It may also be specifically mentioned if the person putting in objections/comments also wants to be heard in person.

The JERC, after pursuing the written objections received in response to this notice may invite such objectors as it considers appropriate for a hearing on dates which will be notified by the commission in due course.

"Clean India and Clean Puducherry"

MANAGING DIRECTOR  
PUDUCHERRY POWER CORPORATION LTD  
PUDUCHERRY

No. 633/DIP/ADVT/2015-16

CH-PYVE

"THE HINDU"

13.01.2016

ந்கிலாந்து அணிகள் துடெஸ்ட் ஸ்பார்க்கில் ஸ் மைதா வியாழக்கி கிறது. கட வேண்டிய க்கும் தென்

யாட்டிக்கான அறிவிப்பு

லி, ஜன. 14- வரைடர்ஸ், ரஸ், தபாங் வாரியர்ஸ், த்தரபிரதேச 16 அணிகள் து ஆக்கி இந் எஸ்.) சாம்பி டி வருகிற ல் பிப்ரவரி நகரங்களில் ந்த போட் தொகை விவ இந்தியா அறிவித்தது. லியன் பட் ம அணி ரூ. 2 1/2 2-வது க்கும் அணி ப்யும். 3-வது க்கும் அணி ந்தயம் பரிசுத் தட்டிச்செல் நாயகனாக படும் வீரருக்கு ம். ஆட்டநாய ந. 50 ஆயிரமும் இது தவிர ம் வீரருக்கான 20 லட்சமும், அடிக்கும் வீர ளுக்கு ரூ. 20 லட்சம் பெறும்.

தும் ட்டி

து

பரத், சாந்தலு, பங்கட, சரண், பட பலர் கலந்து நடிகர்கள் ன்று, விக்ராத் தமிழ் நடிகர்கள் விளையாடுகி லுக்கு அணிகேப் ல தலைமையில் டகர்களும் கலந்து றார். ஜீவா பேசும் ற நடிகர்கள் அணி ருக்கிறது. திறமை யாடுவோம். இந்த ல் வரும் வருமா ருபுகுதி திராவக பாதிக்கப்பட்ட ன் நலனுக்கு டம்' என்றார்.

யாட வேண்டும் என்பதே அளிக்க வேண்டும் என்ற தவிர்த்துடன், இங்கிலாந்து அணி யினர் வியூகங்களை வகுத்துள்ளனர். ஜேம்ஸ் ஆண்டர்சன், ஸ்டீவன் பின், ஸ்டீவார்ட் ஆட்டத்தை மென்மையாக செய்கிறது. இந்த டெஸ்ட் மழையால் பாதிக்கப்பட்ட வாய்ப்புள்ளது.

**புதுச்சேரி மின்திறல் குழுமம்**  
**PPCL** எண்.10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர், பூமியான்பேட்டை, புதுச்சேரி-605 005.  
 அ.எண்.001/MD/PPCL தேதி: 12.01.2016

**பொது அறிவிக்கை**

மின்சார சட்டம் 2003 பிரிவு 2 (28)-ன் கீழ் மின் உற்பத்தி நிறுவனமாக வகைப்படும். புதுச்சேரி மின்திறல் குழுமத்தின் எரிவாயு மின்திறன் நிலையத்திற்கான (32.5 மெ.வாட்) 2016-17 நிதியாண்டிற்கான மொத்த வருவாய் தேவை மற்றும் கட்டண விகிதம் இவற்றுக்கான கேட்பு மனு, மின்சார சட்டம் 2003, 62-ம் பிரிவின் கீழும் கூட்டு மின்சார ஒழுங்குமுறை ஆணையர் (கட்டண விகித தீர்மானம்) நிபந்தனைகள் 2009, 12-ம் நிபந்தனையின் படியும், கோவா மாநிலம் மற்றும் ஒன்றிய ஆட்சிப்பரப்புகளுக்கான கூட்டு மின்சார ஒழுங்குமுறை ஆணையர்த்திடம் தாக்கல் செய்யப்பட்டுள்ளது என்பதை அனைத்து மின் நுகர்வோர்கள் மற்றும் அதன் தொடர்புடையோர்கள் அனைவரின் கவனத்திற்காகவும் அறிவிக்கும் பொருட்டு இந்தப் பொது அறிவிக்கை வெளியிடப்படுகின்றது.

கூட்டு மின்சார ஒழுங்குமுறை ஆணையர்த்தின் பதிவேடுகளில் எண் 191/2016 ஆக பதிவு செய்யப்பட்டுள்ள மேற்கண்ட மொத்த வருவாய் தேவை மற்றும் கட்டண விகித கேட்பு மனுவின் சுருக்கம் கீழ்க்கண்ட அட்டவணையில் தரப்பட்டுள்ளது.

வ.எண்.	விபரம்	
1.	மொத்த உற்பத்தி. (MU)	242.66
2.	துணை நுகர்வு %	6.00
3.	நிகர உற்பத்தி (MU)	228.10
4.	கொள்திறன் கட்டணம் ரூ. (மில்லியன்)	273.78
	அ) மூலதன கடன் மீதான வட்டி ரூ. (மில்லியன்)	0.00
	ஆ) தேய்மானம் ரூ. (மில்லியன்)	3.80
	இ) தேய்மானத்திற்கான முன்தொகை ரூ. (மில்லியன்)	-
	ஈ) இயக்கம் ரூ. பராமரிப்பு செலவினங்கள் ரூ. (மில்லியன்)	123.80
	உ.) செயல் மூலதனம் மீதான வட்டி ரூ. (மில்லியன்)	40.07
	ஊ) அன்னிய செலாவணி மாற்றுத்தொகை ரூ. (மில்லியன்)	-
	எ) பங்குகளின் மீதான வட்டி ரூ. (மில்லியன்)	106.11
	ஏ) வரிகள் ரூ. (மில்லியன்)	-
5.	மின்சக்தி/மாற்றத்தக்க கட்டணங்கள் ரூ. (மில்லியன்)	814.98
6.	மொத்த செலவினம் ரூ. (மில்லியன்) (4+5)	1088.76
7.	பூனிட்ட கட்டணம் (6/3) ரூ.	4.77

மேற்கண்ட கேட்பு மனுவின் பிரதிகள் எண். 10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர், பூமியான்பேட்டை, புதுச்சேரி-605 005, என்ற முகவரியில் இயங்கும் புதுச்சேரி மின்திறல் குழுமம் மேலாண் இயக்குநர் அலுவலகத்திலும், நிறுவகத்தின் [www.ppcl.puducherry.gov.in](http://www.ppcl.puducherry.gov.in) என்ற இணைய தளத்திலும் கிடைக்கப்பெறலாம். விருப்பமுள்ள நபர்கள் அலுவலக நேரங்களில் மேற்கண்ட அலுவலகத்தில் கேட்பு மனுவினை இலவசமாக பார்வையிடலாம். மேற்கண்ட கேட்பு மனுவின் பிரதியை (இணைப்புகளுடன்) ரூ 250/-ஐ கட்டணமாக செலுத்தி மேற்கண்ட அலுவலகத்தில் 13/01/2016 முதல் வார நாட்களில் காலை 10.00 மணி முதல் மாலை 04.00 மணி வரை பெற்றுக் கொள்ளலாம்.

புதுச்சேரி மின்திறல் குழுமம் சமர்ப்பித்துள்ள மொத்த வருவாய் தேவை மற்றும் கட்டண விகித கேட்பு மனுவின் மீதான மறுப்புகள் மற்றும் ஆலோசனைகள் கூற விரும்புவோர் தக்க துணை ஆவணங்களோடு ஐந்து நகல்கள் (1+4) அரியானா மாநிலம், குர்கானில் உள்ள உத்தியோக விகார் பகுதி-V, வனிஜய் நிகுஞ்ச், HSIIDC அலுவலக வளாகத்தின் இரண்டாம் மாடியில் அமைந்துள்ள கூட்டு மின்சார ஒழுங்குமுறை ஆணையர்த்தின் செயலரிடம் (The Secretary, Joint Electricity Regulatory Commission (for State of Goa & U.T's) 2nd Floor, HSIIDC Office Complex, Vanija Nikunj Complex Udyog vihar, Phase-V, Gurgaon-122 016 (Haryana) நேரிலே அல்லது பதிவு அஞ்சல் மூலமாகவோ 27/01/2016 தேதிக்குள் சமர்ப்பிக்கலாம். இதன் நகல் ஒன்றை எண். 10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர், பூமியான்பேட்டை, புதுச்சேரி-605 005 என்ற முகவரியில் உள்ள புதுச்சேரி மின்திறல் குழுமம் மேலாண் இயக்குநருக்கு அனுப்பத் வேண்டும்.

மேலே கூறியுள்ளபடி மறுப்பு மற்றும் ஆலோசனைகளை ஐந்து நகல்களாக (1+4) தமது பெயர் மற்றும் முழு முகவரியுடன் உறுதிமொழி பத்திரத்தோடு அளித்தல் வேண்டும். மேலும் மறுப்பு தெரிவிப்போர், எந்த நிறுவனத்தின் சார்பாக அளிக்க விரும்புகிறாரோ, அதைப்பற்றி தெளிவாக குறிப்பிட வேண்டும். மேலும் மறுப்பு மற்றும் கருத்துக்கள் கூற விரும்புவோர் அழைக்கப்பட்டு போது நேரில் ஆஜராக தயாராக இருப்பின் அதை தெளிவாக குறிப்பிட வேண்டும்.

இவ்வாறாயிருப்பின் கீழ் பெறப்படும் எழுத்துப்பூர்வமான மறுப்புகளை கூட்டு மின்சார ஒழுங்குமுறை ஆணையம் பரிசீலித்து தகுதியான மறுப்புகள் அளிப்போரை நேரில் அழைத்து ஆய்வு செய்யும். அதற்கான குறிப்பிட்ட தேதிகளை ஆணையம் விரைவில் வெளியிடும்.

**“தாய்மையான கில்லம், தாய்மையான வீதி மற்றும் தாய்மையான நகரம் கொண்டிருப்போம்”**  
 மேலாண் இயக்குநர்  
 புதுச்சேரி மின்திறல் குழுமம்  
 புதுச்சேரி.  
 No.633/DIP/ADVT/2015-16

Daily Thanthi  
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 14.01.2016.

**பொது அறிவிக்கை**

மின்சார சட்டம் 2003 பிரிவு 2 (28)-ன் கீழ் மின் உற்பத்தி நிறுவனமாக வகைப்படும். புதுச்சேரி மின்திறல் குழுமத்தின் எரிவாயு மின்திறன் நிலையத்திற்கான (32.5 மெ.வாட்) 2016-17 நிதியாண்டிற்கான மொத்த வருவாய் தேவை மற்றும் கட்டண விகிதம் இவற்றுக்கான கேட்பு மனு, மின்சார சட்டம் 2003, 62-ம் பிரிவின் கீழும் கூட்டு மின்சார ஒழுங்குமுறை ஆணைய (கட்டண விகித தீர்மானம்) நிபந்தனைகள் 2009, 12-ம் நிபந்தனையின் படியும், கோவா மாநிலம் மற்றும் ஒன்றிய ஆட்சிப்பரப்புகளுக்கான கூட்டு மின்சார ஒழுங்குமுறை ஆணையத்திடம் தாக்கல் செய்யப்பட்டுள்ளது என்பதை அனைத்து மின் நுகர்வோர்கள் மற்றும் அதன் தொடர்புடையோர்கள் அனைவரின் கவனத்திற்காகவும் அறிவிக்கும் பொருட்டு இந்தப் பொது அறிவிக்கை வெளியிடப்படுகின்றது.

கூட்டு மின்சார ஒழுங்குமுறை ஆணையத்தின் பதிவேடுகளில் எண் 191/2016 ஆக பதிவு செய்யப்பட்டுள்ள மேற்கண்ட மொத்த வருவாய் தேவை மற்றும் கட்டண விகித கேட்பு மனுவின் கருக்கம் கீழ்க்கண்ட அட்டவணையில் தரப்பட்டுள்ளது.

வ.எண்.	விபரம்	
1.	மொத்த உற்பத்தி (MU)	
2.	துணை நுகர்வு %	242.66
3.	நிகர உற்பத்தி (MU)	6.00
4.	கொள்திறன் கட்டணம் ரூ. (மில்லியன்)	228.10
	அ) மூலதன கடன் மீதான வட்டி ரூ. (மில்லியன்)	273.78
	ஆ) தேய்மானம் ரூ. (மில்லியன்)	0.00
	இ) தேய்மானத்திற்கான முன் தொகை ரூ. (மில்லியன்)	3.80
	ஈ) இயக்கம் ரூ. பராமரிப்பு செலவினங்கள் ரூ. (மில்லியன்)	-
	உ) செயல் மூலதனம் மீதான வட்டி ரூ. (மில்லியன்)	123.80
	ஊ) அன்னிய செலாவணி மாற்றுத்தொகை ரூ. (மில்லியன்)	40.07
	எ) பங்குகளின் மீதான வட்டி ரூ. (மில்லியன்)	-
	ஏ) வரிகள் ரூ. (மில்லியன்)	106.11
5.	மின்சக்தி/மாற்றத்தக்க கட்டணங்கள் ரூ. (மில்லியன்)	-
6.	மொத்த செலவினம் ரூ. (மில்லியன்) (4+5)	814.98
7.	யூனிட் கட்டணம் (6/3) ரூ.	1088.76
	மேற்கண்ட கேட்பு மனுவின் பிரதிகள் எண். 10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர், பூமியான்பேட்டை, புதுச்சேரி-605 005, என்ற முகவரியில் இயங்கும் புதுச்சேரி மின்திறல் குழுமம் மேலாண் இயக்குநர் அலுவலகத்திலும், நிறுவகத்தின் <a href="http://www.ppcl.puducherry.gov.in">www.ppcl.puducherry.gov.in</a> என்ற இணைய தளத்திலும் கிடைக்கப்பெறலாம். விருப்பமுள்ள நபர்கள் அலுவலக நேரங்களில் மேற்கண்ட அலுவலகத்தில் கேட்பு மனுவினை இலவசமாக பார்வையிடலாம். மேற்கண்ட கேட்பு மனுவினை பிரதியை (இணைப்புகளுடன்) ரூ 250/-ஐ கட்டணமாக செலுத்தி மேற்கண்ட அலுவலகத்தில் 13/01/2016 முதல் வார நாட்களில் காலை 10.00 மணி முதல் மாலை 04.00 மணி வரை பெற்றுக் கொள்ளலாம்.	

புதுச்சேரி மின்திறல் குழுமம் சமர்ப்பித்துள்ள மொத்த வருவாய் தேவை மற்றும் கட்டண விகித கேட்பு மனுவின் மீதான மறுப்புகள் மற்றும் ஆலோசனைகள் கூற விரும்புவோர் தக்க துணை ஆவணங்களோடு ஐந்து நகல்கள் (1+4) அரியானா மாநிலம், ஞானகாண்டி உள்ள மாடியில் அமைந்துள்ள கூட்டு மின்சார ஒழுங்குமுறை ஆணையத்தின் செயலரிடம் (The Secretary, Joint Electricity Regulatory Commission (for State of Goa & U.T's), 2nd Floor, HSIIDC Office Complex, Vanija Nikunj Complex Udyog vihar, Phase-V, Gurgaon-122 016 (Haryana) நேரிலோ அல்லது பதிவு அஞ்சல் மூலமாகவோ 27/01/2016 தேதிக்குள் சமர்ப்பிக்கலாம். இதன் நகல் ஒன்றை எண். 10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர், பூமியான்பேட்டை, புதுச்சேரி-605 005 என்ற முகவரியில் உள்ள புதுச்சேரி மின்திறல் குழுமம் மேலாண் இயக்குநருக்கு அனுப்பதல் வேண்டும்.

மேலே கூறியுள்ளபடி மறுப்பு மற்றும் ஆலோசனைகளை ஐந்து நகல்களாக (1+4) தமது பெயர் மற்றும் முழு முகவரியுடன் உறுதிமொழி பத்திரத்தோடு அளித்தல் வேண்டும். மேலும் மறுப்பி தெரிவிப்போர், எந்த நிறுவனத்தின் சார்பாக அளிக்க விரும்புகிறாரோ, அதைப்பற்றி தெளிவாக குறிப்பிட வேண்டும். மேலும் மறுப்பு மற்றும் கருத்துக்கள் கூற விரும்புவோர் அழைக்கப்படும் போது நேரில் ஆஜராக தயாராக இருப்பின் அதை தெளிவாக குறிப்பிட வேண்டும்.

இவ்வாறாயிருப்பின் கீழ் பெறப்படும் எழுத்துப்பூர்வமான மறுப்புகளை கூட்டு மின்சார ஒழுங்குமுறை ஆணையம் பரிசீலித்து தகுதியான மறுப்புகள் அளிப்போரை நேரில் அழைத்து ஆய்வு செய்யும். அதற்கான குறிப்பிட்ட தேதிகளை ஆணையம் விரைவில் வெளியிடும்.

**“தாய்மையான கில்லம், தாய்மையான வித் மற்றும் தாய்மையான நகரம் கொண்டிருப்போம்”**

**மேலாண் இயக்குநர்**  
புதுச்சேரி மின்திறல் குழுமம்  
புதுச்சேரி.

No.633/DIP/ADVT/2015-16

புதுச்சேரி மின்திறல் குழுமம் சமர்ப்பித்துள்ள மொத்த வருவாய் தேவை மற்றும் கட்டண விகித கேட்பு மனுவின் கருக்கம் கீழ்க்கண்ட அட்டவணையில் தரப்பட்டுள்ளது.

போல போலீஸ் நிலையத்திற்கு புகார் கொடுக்கவந்த போது காதலித்து 3-வதாக மணந்து ஏமாற்றியுள்ளார். விஜிதாவோடு சேத்துப்பட்டில் 2 ஆண்டுகள் ஒன்றாக வாழ்ந்துள்ளார். பின்னர் விஜி தாவையும் கைக்குவிவிட்டார். அதேபோல இன்னொரு பெண்ணையும் அவர் ஏமாற்றிவிட்டதாக அறிகிறேன். 5-வதாக என்னையும் அவர் ஏமாற்றியுள்ளார். சட்டைகளை மாற்றுவதுபோல, பெண்களை மணந்து அவர் மோசடியில் ஈடுபட்டுள்ளார். அவரது இந்த மோசடியான உல்லாச வாழ்க்கைக்கு முற்றுப்புள்ளி வைக்கவேண்டும். மேலும், பல பெண்களை அவர் மோசடி செய்ய திட்டமிட்டதாக அறிகிறேன். அவரது திட்டத்தை நிறுத்த அவர்மீது சட்டப்பூர்வ நடவடிக்கை எடுக்கவேண்டும். இவ்வாறு கவிதா மனுவில் தெரிவித்துள்ளார். கவிதாவின் புகார் மனு மீது விசாரணை நடத்த உத்தரவிடப்பட்டுள்ளது.

**தீர்மானம்**  
**இயக்குநர் பதிவு உயர்வு**  
தமிழ்நாடு சிறப்பு காவல்படை யின் 10-வது பட்டாலியன் உதவி கமாண்டன்ட் ஆக நியமிக்கப்பட்டுள்ளார். விழுப்புரம் கிழ பிரிவு சி.ஐ.டி. போலீஸ் இன்ஸ்பெக்டர் ஆர்.ராஜயாபு பதிவு உயர்வு பெற்று அதே கிழ பிரிவில் துணை போலீஸ் சூப்பிரண்டாக நியமிக்கப்பட்டுள்ளார். தர்மபுரி மாவட்ட தனிப்பிரிவு போலீஸ் இன்ஸ்பெக்டர் கே.ராதாகிருஷ்ணன் பதிவு உயர்வு பெற்று உருந்தூர்பேட்டை துணை போலீஸ் சூப்பிரண்டாக நியமிக்கப்பட்டுள்ளார்.

Daily thanthi  
Pondicherry Edition  
14.01.2016

Page No 30876

Annexure-4  
2147

JOINT ELECTRICITY REGULATORY COMMISSION  
(For the State of Goa and UTs)  
2<sup>nd</sup> Floor, HSIIDC Office Complex, Vanijya Nikunj Complex,  
Udyog Vihar, Phase-V, Gurgaon (Haryana)  
Email: [secretaryjerc@gmail.com](mailto:secretaryjerc@gmail.com)

Petition No.191/2016

In the matter of

Petition for determination and approval of Tariff of PPCL Gas Power Station (32.5 MW) for the period FY 2016-17.

The Managing Director,  
Puducherry Power Corporation Ltd.,  
10, second Cross, Jawahar Nagar,  
Boomianpet,  
Puducherry605 005.

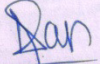
.... Petitioner

To,  
The Managing Director,  
Puducherry Power Corporation Ltd.,  
10, second Cross, Jawahar Nagar,  
Boomianpet,  
Puducherry605 005.

**NOTICE**

Whereas you have filed a Petition for determination and approval of Tariff of PPCL Gas Power Station (32.5 MW) for the period FY 2016-17, the Petition has been admitted on 08.01.2016 and numbered as 191/2016

In compliance of Regulation 29 of JERC (Conduct of Business) Regulations, 2009, , you are required to publish a notice in abridged form in at least three (3) newspapers widely circulated in the UT of Puducherry outlining the proposed

  
Secretary  
संयुक्त विद्युत विनियामक आयोग  
Joint Electricity Regulatory Commission  
गोवा राज्य और संघ राज्य क्षेत्र  
For the State of Goa & Union Territories  
ऑफिस बिल्डिंग, वनयुजा निकुंज, उद्योग विहार, फेज-5  
Vanijya Nikunj, 2<sup>nd</sup> Floor, Udyog Vihar, Phase-V  
Gurgaon/Haryana-122003



Tariff within three days of receipt of this intimation for inviting suggestions/objections from General public/stakeholders/consumers.

You are also required to put the petition on your website in downloadable spreadsheet format showing details of computation and the application made to the Commission along with all regulatory filings, information particulars and documents.

Copies of such notices as published in the newspapers be sent to this Commission.

The Managing Director,  
Puducherry Power Corporation Ltd  
10, Second Cross, Jeweller Nagar,  
Eoomangudi,  
Puducherry-605 005

*Preeti Khanna*  
(Preeti Khanna)  
Bench Officer

To,  
The Managing Director,  
Puducherry Power Corporation Ltd  
10, Second Cross, Jeweller Nagar,  
Eoomangudi,  
Puducherry-605 005

**NOTICE**

Whereas you have filed a petition for determination of approval of Tariff of PPL Gas Power Station (32.5 MW) for the period FY 2015-17, the Petition has been admitted on 08.01.2016 and numbered as 191/2016

In compliance of Regulation 29 of JERC (Conduct Of Business) Regulations, 2014, you are required to publish a notice in abridged form in at least three (3) newspapers widely circulated in the UT of Puducherry outlining the proposed

*Dan*  
Secretary  
संयुक्त विद्युत विनियामक आयोग  
Joint Electricity Regulatory Commission  
गोवा राज्य और संयुक्त राज्य क्षेत्र  
For the State of Goa & Union Territories  
महाराष्ट्र विद्युत, 2nd Floor, Udyog Vihar, Phase-V  
Gurgaon-122009 Haryana

ANNEXURE-2

**PUDUCHERRY POWER CORPORATION LIMITED**  
(A Govt. of Puducherry Undertaking)  
No.10, 2nd Cross, Jawahar Nagar, Boomlaipet, Puducherry - 605 005.

No.001/MD/PPCL Dt:12.01.2016

**PUBLIC NOTICE**

Notice is hereby given to all, consumers and stakeholders that, Puducherry Power Corporation Ltd (PPCL) a "Generating Company" as defined under section 2(28) of the Electricity Act 2003, engaged in generation of electricity, has filed before the Joint Electricity Regulatory Commission (JERC) for Goa and UTs, a petition for Aggregate Revenue Requirement and approval of Tariff of the PPCL Gas Power Station (32.5MW) of the year 2016-17, under Section 62 of the Electricity Act, 2003 and Regulation No.12 of JERC/Reg/10/03 of Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Terms and Conditions for Determination of Tariff) Regulations, 2009.

The filing has been taken on record by the Hon'ble Commission in petition No.191/2016. The summary of ARR and Tariff for FY 2016-17 is given in the Table below:

Sl. No.	Particulars	
1	Gross Generation (MU)	242.66
2	Auxiliary Consumption (%)	6.00
3	Net Generation (MU)	226.10
4	Capacity charges (Rs. Millions)	273.78
	a) Interest on loan capital (Rs. Millions)	0.00
	b) Depreciation (Rs. Millions)	3.80
	c) Advance against Depreciation (Rs. Millions)	-
	d) O & M expenses (Rs. Millions)	123.60
	e) Interest on working capital (Rs. Millions)	40.07
	f) Foreign exchange rate variation (Rs. Millions)	-
	g) Return on equity (Rs. Millions)	106.11
	h) Taxes (Rs. Millions)	-
5	Energy variable charges (Rs. Millions)	814.88
6	Total expenses (Rs. Millions) (4+5)	1088.76
7	Cost per unit in Rs. (₹)	4.77

Copies of the filings and petition referred to above are available in the Office of the Managing Director, Puducherry Power Corporation Ltd, No.10, Second Cross, Jawahar Nagar, Boomlaipet, Puducherry - 605 005 and in the website of the Corporation at [ppcl.puducherry.gov.in](http://ppcl.puducherry.gov.in). Interested persons may inspect/peruse the said ARR and tariff proposals and take note thereof during office hours at the said office, free of charge. Copies of the above documents (with enclosures) can also be obtained on payment of Rs 250/- for each set from the office of Managing Director, PPCL at the above premises on all working days between 10.00 hrs and 16.00 hrs from 13.01.2016.

Objections/suggestions, if any, on the ARR filing and tariff proposals submitted by PPCL with supporting material may be filed with the Secretary, Joint Electricity Regulatory Commission (for State of Goa & UTs), 2nd Floor, HSIIDC Office Complex, Vanliya Nikunj Complex, Udyog Vihar, Phase-V, Gurgaon-122-016(Haryana) in five copies in person or through registered post so as to reach him on or before 27.01.2016 and a copy of the objection/suggestion should also be sent to the Managing Director, Puducherry Power Corporation Ltd, No.10, Second Cross, Jawahar Nagar, Boomlaipet, Puducherry-605 005.

The objections/suggestions as above should be filed in five copies (one original + 4 copies) and carry full name and postal address of the person sending the objections and should be supported by an affidavit. If the objection is filed on behalf of any organization or any class of consumers, it should be so mentioned. It may also be specifically mentioned if the person putting in objection/ comments also wants to be heard in person.

The JERC, after pursuing the written objections received in response to this notice may invite such objectors as it considers appropriate for a hearing on dates which will be notified by the commission in due course.

"Clean India and Clean Puducherry"

**MANAGING DIRECTOR**  
PUDUCHERRY POWER CORPORATION LTD  
PUDUCHERRY

No. 633/DI/ADVT/2015-16

"THE HINDU"  
13.01.2016

*Dan*

**सचिव/Secretary**  
संयुक्त विद्युत विनियामक आयोग  
Joint Electricity Regulatory Commission  
गोवा राज्य और संघ राज्य क्षेत्र  
for the State of Goa & Union Territories  
गुवाहाटी निकुंज, उद्योग विहार, फेज-5  
गुवाहाटी/गुवाहाटी-122016

CH/PYE

கவலைந்து அணிகள் துடெண்ட் ஸ்பர்க்கில் ஸ் மைதா வியாழக்கி கிறது. கூட வேண்டிய க்கும் தென்

பட்டிக்கான அறிவிப்பு

வி, ஜூன் 14- ன்லையர்ஸ், ரஸ், தபாஸ் வாரியாஸ், தரபிரதேச 16 அணிகள் இ ஆக்கி இந் எஸ்) சாமியி டு - வருகிற ஸ் பிரவாரி நகரங்களில் த் போட்டி தொகை விவ இத்தயா அறிவித்தது. பியின் பட் 2-வது க்கும் அணி யும் 3-வது க்கும் அணி யும் பரிசுத் தட்டிச்செல் நாயகனாக படும் வீரருக்கு ரூ. 250 ஆயிரமும் இது தவிர வீரருக்கான 20 லட்சமும், அடிக்கூடும் வீர ருக்கு ரூ. 20 லட்சமும்.

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" thanjavur edition  
14.01.2016

தும் டி 12

து

பரத், சாந்தஸ், ரங்கபட்டி சாஸ், பட்டப்பலா கலந்து நடிக்காள் ஞ்ணு. விக்ராத் தமிழ் நடிக்காள் வினையாடுகி றவர்கு அணி கேட்பு தலைமைமில் க்கா களும் கலந்து ில், ஜீவா பேசும் ி நடிக்காள் அணி ருக்கிறது. நிதம யாடுவோம். இந்த ஸ் வரும் வரும் நபகுதி ரிராவக பாதிக்கப்பட்ட ிந் தலனுக்கு ிம்" என்றார்.

யாட் வேண்டும் என்பதே அளிக்க வேண்டும் என்ற நல ரத்துடன், இயல்பிலாந்து அணி யங்கள் விழுகங்களை வகுத்துள் னனர். ஜேம்ஸ் ஆண்டர்சன், ஸ்வைன் டீன், ஸ்டீவ்ரட் ஆட்டலைட், டேவ் டேவிட், சேன்ஸ் நோடி ஒளிபரப்பு செய்கிறது. இந்த டேவிட் மழையால் பாதிக்கப்பட்டு வாய்ப்புள்ளது.

**புதுச்சேரி மின்திறல் குழுமம்**  
எண்.10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர், பூம்பாளையேட்டை, புதுச்சேரி-605 005.  
அ.எண்.001/MDPPCL  
தேதி: 12.01.2016

**வாது அறிவிக்கை**

மின்சார சட்டம் 2003 பிரிவு 2 (2B)-ன் கீழ் மின் உற்பத்தி நிறுவனமாக வகைப்படும். புதுச்சேரி மின்திறல் குழுமத்தின் எரிவாயு மின்திறல் நிலையத்திற்கான (32.5 மெ.வாட்) 2016-17 நிதியாண்டிற்கான மொத்த வரவாயு தேவை மற்றும் கட்டண விகிதம் இவற்றுக்கான கேட்பு மனு, மின்சார சட்டம் 2003, 62-ம் பிரிவின் கீழும் கூட்டு மின்சார ஒழுங்குமுறை ஆணைய (கட்டண விகித தீர்மானம்) நிபந்தனைகள் 2009, 12-ம் நிபந்தனையின் படிபும், கோவா மாநிலம் மற்றும் ஒன்றிய ஆட்சிபரப்புக்குக்கான கூட்டு மின்சார ஒழுங்குமுறை ஆணையத்திடம் தாக்கல் செய்யப்பட்டுள்ளது என்பதை அனைத்து மின் நகர்வோர்கள் மற்றும் அதன் தொடர்புடையோர்கள் அனைவரின் கவனத்திற்காகவும் அறிவிக்கும் பொருட்டு இந்தப் பொது அறிவிக்கை வெளியிடப்படுகின்றது.

கூட்டு மின்சார ஒழுங்குமுறை ஆணையத்தின் பதிலேடுகளில் எண் 191/2016 ஆக பதிவு செய்யப்பட்டுள்ள மேற்கண்ட மொத்த வரவாயு தேவை மற்றும் கட்டண விகித கேட்பு மனுவினை கருத்தம் கீழ்க்கண்ட அட்டவணையில் தரப்பட்டுள்ளது.

வ.எண்.	விவரம்	மதிப்பு
1.	மொத்த உற்பத்தி (MU)	242.66
2.	சூலணை நுகர்வு %	6.00
3.	நிகர உற்பத்தி (MU)	228.10
4.	கொள்திறன் கட்டணம் ரூ. (மில்லியன்)	273.76
	அ) முலதன கூடன் மீதான வட்டி ரூ. (மில்லியன்)	0.00
	ஆ) தேய்மானம் ரூ. (மில்லியன்)	3.80
	இ) தேய்மானத்திற்கான முன்புதொகை ரூ. (மில்லியன்)	-
	ஈ) இயக்கம் ரூ. பாாமரிப்பு செலவினங்கள் ரூ. (மில்லியன்)	123.80
	உ) செயல் முலதனம் மீதான வட்டி ரூ. (மில்லியன்)	40.07
	ஊ) அன்னிய சொலவணி மாற்றுத்தொகை ரூ. (மில்லியன்)	-
	ஈ) பங்குகளின் மீதான வட்டி ரூ. (மில்லியன்)	106.11
	ஏ) வரிகள் ரூ. (மில்லியன்)	-
5.	மின்சக்தியாற்றத்தக்க கட்டணங்கள் ரூ. (மில்லியன்)	814.98
6.	மொத்த செலவினம் ரூ. (மில்லியன்) (4+5)	1088.76
7.	பூசலிட்ட கட்டணம் (6/3) ரூ.	4.77

மேற்கண்ட கேட்பு மனுவினை பிரதிகள் எண். 10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர், பூம்பாளையேட்டை, புதுச்சேரி-605 005, என்ற முகவரியில் இயக்கும் புதுச்சேரி மின்திறல் குழுமம் மேலாண் இயக்குநர் அலுவலகத்தில்/மும், நிறுட்கத்தின் [www.ppcl.puducherry.gov.in](http://www.ppcl.puducherry.gov.in) என்ற இணைய தளத்திலும் கிடைக்கப்பெறும், விருப்பமுள்ள நாட்கள் அலுவலக நேரங்களில் மேற்கண்ட அலுவலகத்தில் கேட்பு மனுவினை இலவசமாக பாணையில்லாம். மேற்கண்ட கேட்பு மனுவினை பிரதிகள் இணையப்பகுடன் ரூ 250/-க் கட்டணமாக செலுத்தி மேற்கண்ட அலுவலகத்தில் 13/01/2016 முதல் வார நாட்களில் காலை 10.00 மணி முதல் மாலை 04.00 மணி வரை பெற்றுக் கொள்ளலாம்.

புதுச்சேரி மின்திறல் குழுமம் அளிப்பிடுகின்ற மொத்த வரவாயு தேவை மற்றும் கட்டண விகித கேட்பு மனுவினை மீதான மறுப்புகள் மற்றும் ஆலோசனைகள் கூற விருப்பமேயு் ருக்க துணை ஆலோசனையுடனான ஐந்து நகல் (1+4) அரியான மாநிலம், குர்காஸில் உள்ள உத்தியோக, விகா பகுதி-V, வணிய நிகுசு, HSIIDC அலுவலக வளாகத்தின் இரண்டாம் மாடியில் அமைந்துள்ள கூட்டு மின்சார ஒழுங்குமுறை ஆணையத்தின் செயலிடம் (11th Floor, Secretary, Joint Electricity Regulatory Commission (for State of Goa & U.T.s), 2nd Floor, HSIIDC Office Complex, Vanija Nikun Complex Udyog vihar, Phase-V, Gurgaon-122 016 (Haryana) தேரிலை அல்லது பதிவு அஞ்சல் மூலமாகவோ 27/01/2016 தேதிக்குள் உமாப்பிக்கலாம். இதன் நகல் ஐன்றை எண். 10, 2-ம் குறுக்குத் தெரு, ஜவகர் நகர் பூம்பாளையேட்டை, புதுச்சேரி-605 005 என்ற முகவரியில் உள்ள புதுச்சேரி மின்திறல் குழுமம் மேலாண் இயக்குநருக்கு அனுப்புகல் வேண்டும்.

மேலே கூறியுள்ளபடி மறுப்பு மற்றும் ஆலோசனைகளை ஐந்து நகல் (1+4) தமது பெயர் மற்றும் முழு முகவரியுடன் உறுதிமொழி பத்திரத்துடன் அளித்தல் வேண்டும். மேலும் மறுப்பு தெரிவிப்போர், எந்த நிறுவனத்தின் எார்பாக அளிக்க விருப்பமுள்ளோ, அதைப்பற்றி தெளிவாக குறிப்பிட வேண்டும். மேலும் மறுப்பு மற்றும் கருத்துக்கள் கூற விருப்பமேயு் அனுமதிக்கப்பட்டு போது தேரில் ஆலோசக தயாராக இருப்பின் அதை தெளிவாக குறிப்பிட வேண்டும். இவ்வாறாயிருப்பின் கீழ் பெறப்படும் எழுத்துப்படிவான மறுப்புகளை கூட்டு மின்சார ஒழுங்குமுறை ஆணையம் பரிசீலித்து தகுதியான மறுப்புகள் அளிப்போரை தேரில் அனுப்பும் அய்ள செய்யும். அதற்கான குறிப்பிட தேதிகளை ஆணையம் விளையில் வெளியிடும்.

**தாய்வையான கில்லம், தாய்வையான வீதி மற்றும் தாய்வையான நகரம் கொண்டிருப்பீயம்"**  
மேலாண் இயக்குநர்  
புதுச்சேரி மின்திறல் குழுமம்  
புதுச்சேரி.  
No.633/DIP/ADVT/2015-16

*(Signature)*  
Secretary  
Joint Electricity Regulatory Commission  
For the State of Goa & Union Territories  
Vanija Nikun, Phase-V  
Udyog Vihar, Phase-V  
Gurgaon, Haryana-122016



The New Indian Express

(VISAKHA PATNAM EDITION)

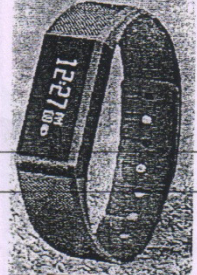
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**MOTHER TERESA WOMEN'S UNIVERSITY**  
KODAKARAI - 605 010 Page No. 7 of 18

**PUBLIC NOTICE**  
Mother Teresa Women's University is notified as Model Agency for Tamil Nadu to conduct the TCEED-2016. Tamil Nadu State Eligibility Test for Assistant Professors will be held on 20.01.2016 (Sunday). The candidates who desire to appear in the test may see the detailed notification available on the website www.tceed.tn.gov.in. The application form is required to apply online only. The last date for application is 15.02.2016.

**HIGHWAYS DEPARTMENT**  
CONSTRUCTION & MAINTNANCE CIRCLE, SALEM - 57

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**Secretary**  
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Joint Electricity Regulatory Commission  
तीन राज् और संघ राज्य क्षेत्र  
For the State of Goa & Union Territories  
मणिली निका, वृत्ती मणिल, रतीम विलर, फेज-5  
Manilay Nikah, Vrutty Manilay, Ratim Vilar, Phase-5  
पुना/गुवागटि-422015, त्तततत





# Butterfingers Cops Let Hoax Caller Slip

Tripura man arrested for making bomb threat calls escapes from Vellore cops' custody enroute Lucknow; spl team leaves for Itarsi

by J Shanmugha Sundaram

**Vellore:** A 37-year-old vegetable vendor from Tripura, who was arrested by Vellore Police for making hoax bomb threat calls to CMC Hospital two months ago, gave them the slip at Itarsi Junction in Madhya Pradesh on Wednesday night when he was being taken to Lucknow for a court hearing.

Sources in the police department said a six-member team, led by sub-inspector of AR police Lorthusamy, was taking S Syed Ahmed Ali, a resident of Unakoti district in Tripura, to the Additional Chief Magistrate's Court in Lucknow for hearing in a case filed against him. The case was filed against him for making a bomb threat call to the Railway Protection Force in Lucknow. It was scheduled for hearing on Friday.

The escort team boarded the Raptisagar Super Fast Express on January 19 at Katpadi and they were to reach Lucknow on Thursday morning. However, Ali managed to escape from the police team when the train entered Itarsi at 11 pm on Wednesday. A case has been registered with the Railway



S Syed Ahmed Ali

Police in Itarsi.

The police personnel escorting Ali reportedly told officers in Vellore that three of them had alighted from the train to buy tea, while three others were being inquired by the Railway Police when the train halted at the station. Making use of the opportunity, Ali slipped away. "The escort team is giving different versions. The accused (Ali) could have mingled with passengers and slipped away from the escort team when they fell asleep," said a reliable police source.

Vellore district police officers said they had sent an official communication to the Superintendent of Railway Police, Lucknow, before Pongal, requesting the offi-

cer to send their men to take Ali to the court. However, authorities at Vellore Central Prison for Men, where Ali was lodged, had pressured them to deputise the AR men from Vellore to escort Ali to Lucknow. Following this, the district police deputised the six-member team.

"A four-member police team led by DSP Rathinakumar will leave Vellore on Thursday night to inquire with the Itarsi RP to nab Ali," Vellore SP P K Senthilkumari told Express.

Ali was arrested on October 15 from Ambur Town for making two hoax bomb threat calls to the CMC Hospital. After finding 11 SIM cards in his possession, the police grew suspicious about his terror links. However, inquiry ruled out that he had any terror link. Ali was a cancer patient and the disease was in an advanced stage. He had come to the CMC for treatment. After he failed to get an appointment, he made the threat calls to the hospital. Ali had also made calls to authorities that he would blow up a dargah in Ajmer and the Taj Mahal. The police were on the look out for him.

## Bid to Smuggle 8.3 kg Gold into TN Foiled

Express News Service

**Thanjavur:** Gold bars weighing 8.325 kg valued at

## SL Navy Repatriates 57 Indian Fishermen

**Nagapattinam/Karikal:** After spending an ordeal varying up to a maximum term of 41 days, about

Pudukkottai districts were spontaneously repatriated 57 Indian fishermen from Nagapattinam coast guard

Joint Electricity Regulatory Commission  
For the State of Goa & Union Territories  
2nd Floor, HSIIDC Office Complex, Vanijya Nihari, Udyog Vihar,  
Phase-V, Gurgaon-122016, Haryana

**Joint Electricity Regulatory Commission**  
(For The State of Goa and Union Territories)  
2nd Floor, HSIIDC Office Complex, Vanijya Nihari, Udyog Vihar,  
Phase-V, Gurgaon-122016, Haryana, Ph.: 0124-2675302  
Fax: 0124-2342893, E-mail: jerc@nic.in Website: www.jercuts.gov.in

**Public Notice**

Notice is hereby given to all stakeholders of the UT of Puducherry that Electricity Department Puducherry and Puducherry Power Corporation Ltd. have filed the following petitions:-  
Petition No. 190/2016 for approval of True-up Petition of FY 2013-14, Provisional True-up Petition of FY 2014-15, Annual Performance Review of FY 2015-16 and Aggregate Revenue Requirement with Tariff Proposal for MYT Control Period FY 2016-17 to FY 2018-19 under Sections 61, 62 and 64 of the Electricity Act, 2003 filed by Electricity Department, Puducherry.  
Petition No. 191/2016 for approval of tariff for PPCL Gas Power Station (32.5MW) for the FY 2016-17 and True-up for FY 2013-14.  
The above mentioned Petitions as admitted by the Commission are available on the website of the Commission [www.jercuts.gov.in](http://www.jercuts.gov.in) Electricity Department, Puducherry, [www.electricity.puducherry.gov.in](http://www.electricity.puducherry.gov.in) and Puducherry Power Corporation Ltd. [www.ppcl.puducherry.gov.in](http://www.ppcl.puducherry.gov.in) respectively.  
The Commission shall hold Public Hearing on the above matters. The date, time and venue of the Public Hearing is given as under:-

Date and Time	Venue
28 <sup>th</sup> January, 2016 (Thursday) 09:30 AM onwards	PMSSS Hall, No. 81, Laports Streets, Puducherry-605 001

(Keerti Tewari)  
Secretary

**Notification for appointment to the post of Vice Chancellor in Kerala Veterinary and Animal Sciences University, Pookode, Wayanad, Kerala.**

The search committee invites application from eligible candidates for appointment to the post of Vice Chancellor in the Kerala Veterinary and Animal Sciences University.  
1. The Candidates shall be distinguished academicians having Doctorate Degree.  
2. He/She must have teaching experience for a minimum period of 10 years as Professor in a University System or 10 years of experience equivalent position in a reputed research/ or academic Administrative Organisation.  
3. The age limit of the candidates shall be below 70 years as on the last date of receipt of application.  
Full detailed and correct bio-data, duly signed by the candidates along with the list of publications, awards and details of experience and any other relevant material shall be attached along with the application.  
Last date of receipt of application is 5 pm on 5 February 2016. Application must be submitted to:-  
**The Additional Chief Secretary to Government,  
Animal Husbandry Department,  
Government Secretariat,  
Thiruvananthapuram 695 001.**  
Further details are available in the website of the KVASU. (Those who submitted application prior to this notification need not apply afresh).  
(Sd/-) Deputy Secretary

**GOVERNMENT OF TAMIL NADU  
HIGHWAYS DEPARTMENT  
PUBLIC NOTICE**

**PUBLIC NOTICE UNDER SUB SECTION(2) OF SECTION 15 OF THE TAMILNADU HIGHWAYS ACT, 2001, (TAMILNADU ACT 34 OF 2002) Rc.21490/F1/2012 Dated : 09.01.2016**  
The Following Amendment is issued for the Publication of Public Notice under Section 15(2) of Tamil Nadu Highways Act 2001 (Tamil Nadu Act 34/2002) for the acquisition of lands in No.52, Soolaimeni Village in the Taluk of Ulthukottai, for the Construction of Improving and Widening of two lane to four lanes and improvements to Kosasthalayar Bridge Puthur Road in O.T No 21490/SH-51 in Thanjavur District. Which was Published in



# Air Pollution to be Assessed All Over State to introduce LPG autos: TNPCB

by Siva Sekaran

**Chennai:** Air pollution caused by petrol and diesel autos will be assessed through a study conducted by the Tamil Nadu Pollution Control Board (TNPCB) in all major towns in the State of Tamil Nadu to determine whether the petrol and diesel run autos contribute in large measure to air pollution and whether the introduction of autos run by LPG is necessary in the towns.

The counsel for TNPCB told the first bench of the Madras High Court Chief Justice SK Kaul and Justice Pushpa Sathyanarayana in

response to a PIL from P Boobalan of S Pazhayapalayam village in Namakkal district, praying for a direction to the State government to determine the level of air

13, 2010, to Namakkal and Tiruchengode also. The GO suggested that autos in Chennai be granted permits only if they are run by LPG, if the air pollution was above the

studied in all the towns in the State and depending upon the result, the government will extend the operation of the GO, which dealt with introduction of LPG autos, to other places. He required four weeks time for this purpose and the bench accordingly granted the time and closed the PIL. The matter is listed for compliance on March 24.

According to the petitioner, autos that run on diesel and petrol account for a major chunk of air pollution. The operation of the 2000 GO, therefore, according to him, should therefore be extended to other towns.

**Air pollution to be studied in all the towns and based on the result, government will decide on introducing LPG autos elsewhere**

pollution as per the National Ambient Air Quality (NAAQ) standards in Namakkal and Tiruchengode towns. The PIL asked for extending the implementation of a Government Order (GO) dated May

standards set by the NAAQ. When the matter came up before the HC on January 6, the PCB counsel told the judges that the study would not be confined to Namakkal alone. Air pollution will be

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**YES 13% NO 87%**

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Dr.S.K. Kanawjia  
Academic Coordinator

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Issued by the Authorized Officer Manappuram Asset Finance Ltd.

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Fax: 0124-2342853, E-mail: [secy-jerc@nic.in](mailto:secy-jerc@nic.in) Website: [www.jercuts.gov.in](http://www.jercuts.gov.in)

**Public Notice**

Notice is hereby given to all stakeholders of the UT of Puducherry that Electricity Department Puducherry and Puducherry Power Corporation Ltd. have filed the following petitions:-

Petition No. 190/2016 for approval of True-up Petition of FY 2013-14, Provisional True-up Petition of FY 2014-15, Annual Performance Review of FY 2015-16 and Aggregate Revenue Requirement with Tariff Proposal for MYT Control Period FY 2016-17 to FY 2018-19 under Sections 61, 62 and 64 of the Electricity Act, 2003 filed by Electricity Department, Puducherry.

Petition No. 191/2016 for approval of tariff for PPCL Gas Power Station (32.5MW) for the FY 2016-17 and True-up for FY 2013-14.

The above mentioned Petitions as admitted by the Commission are available on the website of the Commission [www.jercuts.gov.in](http://www.jercuts.gov.in), Electricity Department, Puducherry, [www.electricity.puducherry.gov.in](http://www.electricity.puducherry.gov.in), and Puducherry Power Corporation Ltd. [www.ppcl.puducherry.gov.in](http://www.ppcl.puducherry.gov.in) respectively.

The Commission shall hold Public Hearing on the above matters. The date, time and venue of the Public Hearing is given as under:-

Date and Time	Venue
28 <sup>th</sup> January, 2016 (Thursday) 09:30 AM onwards	PMSSS Hall, No. 81, Laports Streets, Puducherry-605 001

(Keerti Tewari)  
Secretary

Joint Electricity Regulatory Commission  
for the State of Goa & Union Territories  
2nd Floor, Udyog Vihar, Phase-V  
Gurgaon-122016

## நந்திர மோ ாவை வருகை

கோவை, ஜன. 23-  
கோடி ரூபாய் செலவில்,  
கல்லூரி அமைக்கப்பட்டுள்  
முதல், வகுப்பு துவங்குவதற்  
ச்சில் நடந்து வருகின்றன.  
1ல் கல்லூரி துவக்க  
க நடத்த ஏற்பாடுகள் நடந்து  
மாடி கலந்து கொண்டு, கல்  
உள்ளார் என, இ.எஸ்.ஜி.,  
பாடங்கள் தெரிவிக்கின்றன.  
களுக்கு முன், டில்லியில்  
உள்ளவற்றை அதிகாரிகள்,  
'மடை, அவர் வந்து செல்லும்  
வு நடத்தி சென்றுள்ளனர்.  
துவக்க விழாவுக்கு வரவி  
தமிழக பா.ஜ., கட்சி நிர்வா  
ில் குறித்து விவாதிக்க உள்  
வளியாகியுள்ளன.

## ாலை மிரட்டல் ந்து பகீர் புகார்

ல வாங்கி தராமல், இரண்டு  
க ஏமாற்றி வருகின்றனர்.  
டர்பாக, 2015 செப., 28ல்,  
னிப்பிரிவுக்கு புகார் அனுப்  
தன் எதிரொலியாக, டி.ச.,  
புசாமி, ராம்ராஜ் ஆகிய இரு  
தாரமங்கலம் இன்ஸ்பெக்டர்  
ர விசாரித்தார்.  
பணம் வாங்கிய உண்  
ப்புக்கொண்டு, அதை வாக்  
எழுதிக்கொடுத்தனர். அதன்  
டியாக, ஐந்து லட்ச ரூபாயை  
ர்.  
13 லட்சம் ரூபாய்க்கு,  
ம், ஏழு லட்சம் மதிப்பில்,  
ராசாலையை கொடுத்து, ஜன  
பணத்தை கொடுத்துவிட்டு,  
யை திரும்ப பெற்று கொள்வ  
யளித்தனர்.  
1. பணம் தரமறுத்துள்ள  
இரண்டு காசோலைகளையும்  
ாலை மிரட்டல் விடுத்து வரு  
எனக்கு சேர வேண்டிய, 13  
யை மீட்டு தர வேண்டும்.  
ய மனுவில் கூறப்பட்டுள்ளது.  
1 பெற்றுக் கொண்ட, டி.ஐ.ஜி.,  
மேல் நடவடிக்கை எடுக்க,  
ம் இன்ஸ்பெக்டருக்கு உத்தர  
ார்.

போட்டு, குதாலைக்  
கல்வி அலுவலர் பொன்  
குமார் நடவடிக்கை  
எடுத்தார்.

துத்துக்குடி சாப்பு நீர்மன்றம்  
H.M.O.P.No.321/2013  
தேவி வைஷ்ணவி -மனுதாரர்  
எதிர்  
சிவகோகநாதன், S/o கணேசன்,  
58, சரவண பொய்கை தில்லம்,  
9வது குறுக்கு தெரு. ராஜாசி நகர்,  
லால்பேட் BSNL எக்ஸ்சேன்ஜ்  
எதிரில், லால்பேட், பாண்டிச்சேரி,  
பாண்டிச்சேரி யூனியன் பிரதேசம்.  
-எதிர்மனுதாரர்  
அறிவிப்பு  
மேற்படி மனுதாரர் விவாகரத்து  
பரிகாரம் கேட்டு மேற்படி எதிர்  
மனுதாரர் மீது தாக்கல் செய்துள்ள  
வழக்கில் நீதிமன்றத்தில் வருகிற  
4.2.2016ம் தேதியன்று எதிர்  
மனுதாரர் ஆஜராக வாய்ப்பா போடப்  
பட்டுள்ளது. அதனால் மேற்படி  
வாய்ப்பா தேதிபன்று காலை 10.00  
மணிக்கு நேரில் ஆஜராகி ஆட்சே  
பணை திருப்பின் தெரிவித்துக்  
கொள்ள வேண்டியது. தவறினால்  
வழக்கு ஒருதலைப்பட்சமாக  
தீர்ப்பாகிவிடும் என்பதை இதன்  
மூலம் தெரிவிக்கப்படுகிறது.  
/நீதிமன்ற உத்தரவுப்படி/  
P.முருகேசன், M.A., B.L.,  
அடவகேட்  
தீருநெல்வேலி-11,  
Cell: 98421 67248

Ph: No. 0413 2217800, 2421722, 24432 83052

மின்சார அமைச்சு முறை இணை ஆணையம்  
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தொலைபேசி எண்: 122016 அரிசன. கான்: 0124 2875302  
தொலைபேசி: 0124 2842853 இணைய: www.ppccl.org.in  
இணைய: www.ppccl.org.in

பொது அறிவிப்பு  
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மனுவை தாக்கல் செய்துள்ளது:  
மனு எண். 190/2016 திதியாண்டு 2013-14க்கு ட்டு-அப் அங்கீகாரம்.  
திதியாண்டு 2014-15க்கு ட்டு-அப் தற்காலிக அனுமதி. திதியாண்டு  
2015-16 ஆண்டு செயல்பாட்டு ஆய்வு மற்றும் மின் சட்டம் 2003 பிரிவு  
61,62 மற்றும் 64 கீழ் வருவாய் தேவைக்காக 2016-17 (முதல் 2018-19  
திதியாண்டுக்கான கட்டணத்திட்டத்துக்கு அங்கீகாரம்.  
மனு எண். 191/2016, PPCL கேள் பவர் நிலையத்துக்கு (32.5  
மெகாவாட்) 2016-17 திதியாண்டுக்கான கட்டண அனுமதி மற்றும்  
2013-14 திதியாண்டுக்கான ட்டு-அப்.  
மேற்கண்ட மனுக்கள் ஆணையத்தால் ஏற்கப்பட்டு.  
www.jercuts.gov.in என்ற ஆணைய இணையம்.  
www.electricity.puducherry.gov.in என்ற புதுச்சேரி மின் வாரிய  
இணையம் மற்றும் www.ppccl.puducherry.gov.in என்ற புதுச்சேரி  
எரிசக்தி நிலைய இணையங்களில் உள்ளது.  
மேற்கண்ட மனுக்களுக்காக பொதுமக்கள் கருத்தை ஆணையம்  
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தேதி மற்றும் நேரம்	இடம்
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(கீர்த்தி திவாரி)  
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நிறுவனங்களுக்கு அங்கீகரிக்கப்பட்ட சேவை வழங்குபவர்

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DINAMALAR

PONDY

நாள்: 09.01.2016 - 'ஊ' நாள்

நாள்: 09.01.2016 - 'ஊ' நாள்

Ban

Joint Electricity Regulatory Commission  
For the States of Goa & Union Territories  
2nd Floor, Hayas Vinay, Phoenix  
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ர் மணிகண்டனிடம் - மனு

வாரி நகர்

## நிறுத்த வேண்டும்

வழியாக அய்யனார் நகர் உள்ளே புகுந்து செல்லும் வாய்க்காலின் அகலத்தை குறுக்கியதால் மழைநீர் வெளியேற முடியாமல் எந்த மழைக்கும் இல்லாத பாதிப்பை அய்யனார் நகர், ராஜா நகர், அருந்ததிபுரம், முத்தமிழ் நகர் போன்ற பகுதிகளில் வசித்த மக்கள் அனுபவித்தனர். மேலும்

## ங்கலம் அருகே

# ங்கட்டில் தவறி ரக ஊழியர் சாவ

இருந்து படிக்கட்டில் கீழே இறங்கி வரமுயன்றார். அப்போது எதிர்பாராத விதமாக தடுமாறி கீழே விழுந்தார். இதில் தலை யில் பலத்த காயம் அடைந்த ஜெயக்குமார் ரத்த வெள்ளத்தில் மயங்கி கிடந்தார். யாரும் இதனை கவனிக்காததால் சிறிது நேரத்தில் இறந்து போனார்.

பின்னர் அந்த வழியாக சென்றவர்கள் இதனை பார்த்து சென்னையில் உள்ள ஜெயக்குமாரின் மூத்த மகன் அரிதாகக்கு தகவல் தெரிவித்தனர். இதையடுத்து அரிதாஸ் கண்டமங்கலம் போலீசில் புகார் செய்தார். போலீசார் வழக்குபதிவு செய்து விசாரணை நடத்தி வருகிறார்கள்.

## கவியரங்கம்

புதுச்சேரி, ஜன. 23- கவிதைவானில் கவி மன்றமும், ரெவேய் சொசியால் சங்கமும் இணைந்து 139-ம் கவியரங்கம் நடத்தின. படைப்பாளி பைரவி சரவேற்புரை ஆற்றினார். சாண்டியன் முன்னிலை வகித்தார். ராதே தலைமையில் 30 கவிஞர்கள் காலத்தை வென்ற கவிதைகள் தலைப்பில் கவிதைகளை வாசித்தனர். கவுசல்யா, மண்ணாங்கட்டி, விசாலாட்சி, விக்டர் நிக்கோலஸ் ஆகியோர் நிகழ்ச்சியில் கலந்து கொண்டனர்.

நிர்வாக அறங்காவலர்கள் சிவசுந்தரசாமி, ஞான. முதிர், தைப்பூச விழா குழுவினர், சிராம மக்கள் செய்து வருகின்றனர்.

இதன் பாதிப்புதான் இந்திராகாந்தி சிலைவரை மழைநீர் தேங்கி நிற்க காரணமாக இருந்தது.

எனவே ஆட்சியாளர் தொலைநோக்கு பார்வை யுடன், எதிர்காலத்தில் இதுபோன்ற இயற்கை சீற்றம் ஏற்படும்போது, இப்பகுதி மக்களுக்கு பாதிப்பு ஏற்படாத வண்ணம் அய்யனார் நகர் பகுதியில் உள்ள பாலத்தை குறுக்கி கட்டுவதை உடனடியாக தடுத்து நிறுத்த வேண்டும். இவ்வாறு அந்த மனுவில் கூறப்பட்டிருந்தது. மனுவை பெற்றுக் கொண்ட கலெக்டர் மணிகண்டன் உரிய நடவடிக்கை எடுப்பதாக உறுதி அளித்தார்.



பொது அறிவிப்பு  
மின்சுறை, புதுச்சேரி மற்றும் புதுச்சேரி மின்சார கழகம் சி.டி. ஆனது கீழ்க்கண்ட மனுக்களை தாக்கல் செய்துள்ள என புதுச்சேரி யூனியன் பிரதேசத்தை சேர்ந்த அனைத்து மங்குதாரர்களுக்கும் இதன் மூலம் தெரிவிக்கப்படுகிறது.

2013-14ம் நிதியாண்டிற்கான டீ-ஆப் மனு, 2014-15-ம் நிதியாண்டிற்கான டீ-ஆப் மனு, 2015-16-ம் நிதியாண்டிற்கான வருடாந்திர செலுத்தும் ஆய்வு மற்றும் MYT கட்டுப்பாட்டிற்கும் களநிதியாண்டு 2016-17 முதல் நிதியாண்டு 2018-19-ம் ஆண்டிற்கான பரிந்துரைக்கப்பட்ட கட்டணத்தின் ஒட்டுமொத்த வருவாய் தேவை ஆகியவற்றை அங்கீகரிப்பதற்காக மின்சார சட்டம் 2003-ன் பிரிவு 61, 62 மற்றும் 64-ன் கீழ் மனு எண்.190/2016, மின்சுறை, புதுச்சேரியல் தாக்கல் செய்யப்பட்டு உள்ளது.

2013-14ம் நிதியாண்டிற்கான டீ-ஆப் மற்றும் 2016-17ம் நிதியாண்டிற்கு PPCL கியாஸ் மார் ஸ்டேசன் (32.5MW) க்கான கட்டணத்தை அங்கீகரிப்பதற்காக மனு எண் 191/2016 தாக்கல் செய்யப்பட்டுள்ளது.

மேலே குறிப்பிட்டுள்ள மனுக்கள் ஆணையத்தால் அனுமதிக்கப்பட்டு முறையே ஆணையத்தின் இணையதளம் [www.jercuts.gov.in](http://www.jercuts.gov.in), மின்சுறை, புதுச்சேரி [www.electricity.puducherry.gov.in](http://www.electricity.puducherry.gov.in) மற்றும் புதுச்சேரி மின்சார கழகம் சி.டி., [www.ppcl.puducherry.gov.in](http://www.ppcl.puducherry.gov.in)ல் வெளியிடப்பட்டுள்ளது.

மேற்கண்ட விஷயத்தில் பொதுமக்கள் கருத்து கேட்பதற்கான ஆணையம் நடத்தப்படுகிறது. பொது மக்கள் கருத்து கேட்கும் கீழே கொடுக்கப்பட்டுள்ளபடியான தேதி, நேரம் மற்றும் இடத்தில் நடைபெறும்.

தேதி மற்றும் நேரம்	இடம்
28 ஜனவரி, 2016 (விடியல்க்கிழமை) காலை 09.30 மணி முதல்	PMSSS நகரம், எண்.81, லபர்ட்டிஸ் தெரு, புதுச்சேரி-605 001.

கீர்த்தி திவாரி செயலாளர்

**ARIANKUPPAM COMMUNE PANCHAYAT**  
Ariankuppam, Puducherry-7.  
No.50-17/2015-16/ACP/Store Date:23.1.2016

**QUOTATION NOTICE (II CALL)**

On behalf the Ariankuppam Commune Panchayat Council sealed Quotations are invited from the eligible firms for the "Purchase 6 Nos. of 15 HP submersible Motor and pump sets to keep the water supply systems uninterruptly in Ariankuppam Commune Panchayat".

The details of quotation can be had from the store Section of Ariankuppam Commune Panchayat during office hours.

The quotations will be received by the undersigned upto 3.30 PM on 11.02.2016 and opened at 4.00 PM on the same day in the presence of the firms.

P. PARIMALARANGAN  
Commissioner.

**மதாம் சாந்தேஸ்**  
**Madame Shanthés Café Restaurant**  
Multi-Cuisine Restaurant

நாம் எடுத்த முடிவு சரியா... தவறா...?  
என்ற நிலையில்  
எடுத்த முடிவை..... சரியாக்குவதிலேயே  
நமது திறமையைக் காட்ட முடியும்.....!!!

நட்புடன் .....

MJF. Ln. Antony  
MADAME SHANTHÉS.

40-A, Romain Rolland Street, White Town, Pondicherry - 605001 - INDIA.  
Reservation Call : 0413 2222022 / 9786 123456.

MALAI MALAR  
PUDUCHERRY

**மாண்புமிகு அமைச்சர்**  
மாண்புமிகு செயலாளர்  
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Joint Electricity Regulatory Commission  
மாண்புமிகு அமைச்சர் அலுவலகம்  
in the State of Pondicherry Union Territories  
மாண்புமிகு அமைச்சர் அலுவலகம், 2nd Floor, Udaya Vihar, Phase-V  
Mambalam, Chennai - 600 089