

BEFORE THE KERALA STATE ELECTRICITY REGULATORY COMMISSION

IN THE MATTER OF: **Proposal to recover the additional cost incurred during the period April 2017 to June 2017 over approved level on Generation and Power Purchase due to variation in cost of fuel, from all consumers including Bulk Consumers and other Licensees.**

PETITIONER: **Kerala State Electricity Board Limited
Vydyuthi Bhavanam, Pattom,
Thiruvananthapuram - 695 004**

The petitioner respectfully submits as under:

- I.** Hon'ble Commission vide notification No. 787/SEA/2011/KSERC dated 14th November 2014 notified the KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2014. As per Regulation 88 of the Tariff Regulations, 2014, KSEBL is eligible to recover the additional liability on account of variation in actual fuel cost over approved level through fuel surcharge at the rates approved by the Hon'ble Commission. Regulation 88 (5) of KSERC Tariff Regulations, 2014 stipulates that "*Every Distribution business/licensee shall, within thirty days after the close of each quarter, submit to the Commission an application with all relevant details required for the approval of the amount of fuel surcharge to be adjusted from the consumers and of the rate and period of such adjustment*".
- II.** Further, Honourable Commission vide order dated 17.04.2017 in the matter of determination of tariff of KSEBL for the year 2017-18 on suomotu proceedings, has directed that KSEB Ltd shall submit regularly, at specified intervals, application for approval of fuel surcharge and also submit proposals for passing on the impact of change in hydro-thermal mix as per provisions of the Tariff Regulations, 2014.
- III.** This petition is being prepared based on the above provisions.
- IV.** Honourable Commission vide order dated 17.04.2017 has approved the power purchase cost of KSEBL for the year 2017-18 as Rs.7339.34 crore. Even though the quantum of generation and

power purchase was approved as 25292.45 MU for the year 2017-18, month wise schedule of each source was not specified in the order. Hence KSEBL has prepared this petition based on the variation in fuel cost on actual monthly power purchase from approved sources for the first quarter .

- V. There was considerable change in the actual per unit variable cost of generation and power purchase from various sources over the approved level on account of increase in the price of primary fuel, secondary fuel and changes in calorific value of fuel of various generating stations. An abstract of comparison of approved variable cost and actuals is given in the Table 1 below.

Table - 1 - Comparison of approved and actual variable cost at exbus of various sources

Sl No	Source	Approved	Actuals (Rs/ kWh)		
		(Rs/ kWh)	Apr-17	May-17	Jun-17
Central Generating Stations					
1	NTPC-RSTPS Stage I & II	2.63	2.41	2.42	2.55
2	NTPC-RSTPS Stage III	2.69	2.36	2.36	2.49
3	Talcher	1.48	1.82	1.87	1.65
4	Simhadri TPS Stage II	2.73	3.06	2.99	2.88
5	NLC-Stage-1	2.42	3.27	3.27	3.27
6	NLC-Stage-II	2.42	3.27	3.27	3.27
7	NLC I Expansion	2.28	3.10	3.09	3.01
8	NLC II Expansion	2.30	2.97	2.97	2.97
9	Vallur STPS	2.07	2.93	2.83	2.88
10	NTPL	2.09	2.76	2.74	2.79
Independent Power Producers					
11	Maithon I	2.00	1.89	1.86	1.97
12	Maithon II	2.00	1.89	1.86	1.97
13	Jindal	0.81	1.11	1.06	1.11
14	Jhabua	1.66	1.82	1.78	1.85
15	RTPS	2.30	2.20	2.01	2.51
16	Mejia	2.30	2.03	2.04	2.12

- VI. KSEBL has incurred an additional liability of Rs 74.60 crores for purchasing 3632 MU of energy from approved sources during the first quarter of financial year 2017-18. Details of additional liability incurred by KSEBL for procuring energy from various approved sources as per the provisions of fuel surcharge formula specified in Annexure X to Tariff

Regulations, 2014, are included as **Annexure I**. Summary of additional financial liability incurred on account of change in fuel cost of approved sources during the period April to June 2017 is given in **Annexure II**.

- VII.** Therefore it is earnestly appealed that Honourable Commission may approve the additional liability of Rs 74.60 crores for the first quarter of financial year 2017-18 and allow to recover this cost as fuel surcharge from all categories of consumers including bulk consumers/licensees. Honourable Commission may allow KSEBL to recover this cost as fuel surcharge for three months from September 2017 onwards @ 14 paise per unit as per the regulations. The calculation is given as **Annexure III**.

PRAYER

KSEBL humbly prays before the Hon'ble Commission that,

- (a) The additional financial liability incurred by KSEBL amounting to Rs 74.60 crores due to the variation in power purchase cost resulting from the variation in cost of fuel for the period from April to June 2017 for the procurement/ generation of energy from various thermal sources as detailed in the **Annexure I & II** to this petition may kindly be approved.
- (b) This approved additional cost may be allowed to be recovered from consumers including bulk consumers and other licensees as fuel surcharge, as per the Regulation 88 of KSERC Tariff Regulations, 2014 with immediate effect.

Sd/-
Chief Engineer (Commercial & Tariff)

**Acc: 1. Formats 1 to 4
2. Annexure I , II & III**

Format-1

Details of energy billed for retail sale for first quarter

Month	Retail Sales (MU)		T&D loss(%)		Energy Input(MU)	
	Actual	Approved	Actual	Approved	Actual	Approved
April	1882.66		13.99		2188.78	
May	1836.88		13.81		2131.32	
June	1616.79		13.76		1874.71	
	5336.33		13.86		6194.80	

Energy sales with in the State	April	May	June
Total energy sales to LT, HT and EHT consumers (excl. sales to bulk consumers/ other Licensees) (MU)	1827.78	1781.76	1566.18
Sale to bulk consumers/ other licensees (MU)	54.89	55.12	50.61
Total energy sales (MU)	1882.66	1836.88	1616.79

Format-2 (a)

Monthwise Details of Generation from BDPP & KDPP

Month	Energy Generation (MU)	Aux. Consumption (MU)	Net Generation (MU)	Station Heat Rate (kCal/kWh)	Calorific value of fuel (Kcal/kg)	Quantity of fuel used			Price of fuel			
				LSHS	LSHS	Diesel (litre)	LSHS (MT)	Lube Oil (Litre)	Diesel (Rs/Litre)	LSHS (Rs/MT)	Lube Oil (Rs/Litre)	
Apr-17												
BDPP	0.00	0.06	-0.06									
KDPP	0.13	0.10	0.03	2187.66	10272.21	2042.00	27.77	32.00	46.88	25791.66	117.65	
May-17												
BDPP	0.00	0.05	-0.05									
KDPP	0.18	0.11	0.06	2261.66	10272.21	1250.00	38.92	0.00	46.88	25791.66	117.65	

Jun-17											
BDPP	0.00	0.00	0.00								
KDPP	0.00	0.10	-0.10								

Format-3						
Month Wise Details of Purchase of Energy (claiming for fuel surcharge cost)						
Source	Energy Purchase (MU)	Variable Cost (Rs/kWh)		Total variable cost (Rs.Cr)		
	Actual(A)	Actual (B)	Approved('C)	Actual (D=A*B)	Approved (E=A*C)	
Apr-17						
CGS						
RSTPS I & II	142.67	2.41	2.63	34.33	37.49	
RSTPS III	41.26	2.36	2.69	9.72	11.11	
Talcher Stage-II	264.54	1.82	1.48	48.15	39.09	
Simhadri TPS Stage II	45.77	3.06	2.73	14.01	12.50	
NLC Stage-I	40.42	3.27	2.42	13.21	9.77	
NLC Stage-II	57.73	3.27	2.42	18.87	13.95	
NLC 1 Expansion	44.28	3.10	2.28	13.73	10.10	
NLC II Expansion	36.71	2.97	2.30	10.90	8.43	
Vallur STPS	31.83	2.93	2.07	9.34	6.59	
NTPL	46.03	2.76	2.09	12.68	9.63	
Sub total CGS	751.25			184.94	158.66	
Long Term contracts with generators outside the State						
Purchase From DVC Reghunathpur	6.15	2.20	2.30	1.35	1.41	
Purchase from DVC Mejia	68.22	2.03	2.30	13.84	15.69	
Purchase from Maithon power-1, ER	90.24	1.89	2.00	17.01	18.05	
Purchase from Maithon power-2 ,ER	77.61	1.89	2.00	14.63	15.52	
Purchase from (JPL STAGE2) -DBFOO	130.42	1.11	0.81	14.48	10.61	
Purchase from jhabhua-SGPLNLR,TPCL DBFOO	78.33	1.82	1.66	14.26	12.97	
TOTAL LTA	450.97			75.56	74.26	
Total	1202.21			260.51	232.92	

May-17					
RSTPS I & II	159.01	2.42	2.63	38.48	41.78
RSTPS III	42.96	2.36	2.69	10.15	11.56
Talcher Stage-II	254.20	1.87	1.48	47.46	37.57
Simhadri TPS Stage II	65.34	2.99	2.73	19.56	17.84
NLC Stage-I	49.90	3.27	2.42	16.33	12.06
NLC Stage-II	64.34	3.27	2.42	21.06	15.54
NLC 1 Expansion	26.84	3.09	2.28	8.30	6.12
NLC II Expansion	27.59	2.97	2.30	8.19	6.33
Vallur STPS	34.59	2.83	2.07	9.80	7.16
NTPL	42.84	2.74	2.09	11.75	8.97
Total	767.61			191.08	164.95
Long Term contracts with generators outside the State					
Purchase From DVC Reghunathpur	34.17	2.01	2.30	6.87	7.86
Purchase from DVC Mejia	61.13	2.04	2.30	12.47	14.06
Purchase from Maithon power-1, ER	96.72	1.86	2.00	17.95	19.34
Purchase from Maithon power-2 ,ER	96.73	1.86	2.00	17.95	19.35
Purchase from (JPL STAGE2) -DBFOO	132.32	1.06	0.81	14.03	10.77
Purchase from jhabhua-SGPLNLR,TPCL DBFOO	79.72	1.78	1.66	14.19	13.20
TOTAL LTA	500.80			83.46	84.58
Total	1268.41			274.53	249.53
Jun-17					
RSTPS I & II	138.81	2.55	2.63	35.34	36.47
RSTPS III	34.83	2.49	2.69	8.68	9.38
Talcher Stage-II	265.72	1.65	1.48	43.95	39.27
Simhadri TPS Stage II	55.40	2.88	2.73	15.96	15.13
NLC Stage-I	32.77	3.27	2.42	10.72	7.92
NLC Stage-II	38.00	3.27	2.42	12.43	9.18
NLC 1 Expansion	38.34	3.01	2.28	11.55	8.75
NLC II Expansion	30.08	2.97	2.30	8.93	6.90
Vallur STPS	21.56	2.88	2.07	6.21	4.46
NTPL	24.29	2.79	2.09	6.77	5.08
Total	679.80			160.55	142.55
Long Term contracts with generators outside the State					
Purchase From	14.58	2.51	2.30	3.66	3.35

DVC Reghunathpur					
Purchase from DVC Mejia	64.10	2.12	2.30	13.58	14.74
Purchase from Maithon power-1, ER	96.75	1.97	2.00	19.08	19.35
Purchase from Maithon power- 2 ,ER	96.78	1.97	2.00	19.08	19.36
Purchase from (JPL STAGE2) -DBFOO	131.03	1.11	0.81	14.54	10.66
Purchase from jhabhua- SGPLNLR,TPCL DBFOO	78.60	1.85	1.66	14.54	13.02
TOTAL LTA	481.83			84.49	80.48
Total	1161.63			245.04	223.03

Format-4

Source wise Energy Input from April 2017 to June 2017 in MU										
SI N o	Particulars	Apr-17		May-17		Jun-17		Total		
		Actual	KSER C order	Actual	KSER C order	Actual	KSER C order	Actual	KSER C order	Difference
		(MU)	(MU)	(MU)	(MU)	(MU)	(MU)	(MU)	(MU)	(MU)
1	Hydro									
	(a) Gross Gen	508.77		414.97		309.54		1233.27		
	(b) Less Aux consumption	2.54		2.07		1.55		6.17		
	(c) Net Hydro Gen	506.23		412.89		307.99		1227.11		
2	KSEB thermal									
	(a) BDPP	0.00		0.00		0.00		0.00		
	(b) KDPP	0.13		0.18		0.00		0.31		
	(c) Subtotal	0.13		0.18		0.00		0.31		
	(d) Less Aux consumption	0.07		0.07		0.00		0.13		
	(e) Net BDPP+KDPP	0.06		0.11		0.00		0.17		
3	Wind Generation(net)	0.16		0.16		0.16		0.48		
4	Solar Generation(net)	1.57		0.86		1.05		3.49		
	Total own generation(net)	508.01		414.03		309.20		1231.25		
3	CGS (Import)	886.88		862.90		818.60		2568.38		
4	IPPs									
	RGCCPP	0.00		0.00		0.00		0.00		
	BSES	0.00		0.00		61.50		61.50		
	KPCL	0.00		0.00		0.00		0.00		
	Wind	6.98		9.09		16.78		32.85		

	Ullunkal(EDCL)	1.29		1.11		1.33		3.73		
	Iruttukanam Stage-I (VIYYAT)	0.13		0.27		1.12		1.52		
	Iruttukanam Stage-II	0.09		0.10		0.97		1.16		
	Karikkayam HEP(AHPL)	2.39		2.20		3.26		7.85		
	Meenvallom (PSHCL)	0.06		0.08		0.63		0.76		
	Subtotal	10.93		12.84		85.60		109.37		
6	Purchase through Long term contract									
	Purchase From DVC Reghunathpur	6.15		34.17		14.58		54.90		
	Purchase from DVC Mejia	68.22		61.13		64.10		193.45		
	Purchase from Maithon power-1, ER	90.24		96.72		96.75		283.71		
	Purchase from Maithon power-2, ER	77.61		96.73		96.78		271.12		
	Purchase from (JPL STAGE2) -DBFOO	130.42		132.32		131.03		393.77		
	Purchase from jhabhua-SGPLNLR,TPCL DBFOO	78.33		79.72		78.60		236.65		
	Sub Total	450.97		500.80		481.83		1433.59		
	Purchase through short term contracts	211.64		217.82		139.89		569.35		
	Purchase through exchanges(net)	116.08		124.64		37.75		278.48		
	Deviation settlement mechanism	64.04		61.99		52.93		178.96		
	Energy sale outside the State	0.00		0.00		0.37		0.37		
	Total Power Purchase	1740.54		1780.99		1616.23		5137.75		
	PGCIL losses	59.77		63.70		50.72		174.19		
	Net Power Purchase	1680.76		1717.29		1565.50		4963.56		
	Net Energy demand within the State	2188.78		2131.32		1874.71		6194.80		

DETAILS OF ADDITIONAL LIABILITY**I. CENTRAL GENERATING STATIONS****i. Talcher-II STPS**

Month	Actual Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	264.54	1.48	1.82	9.05
May-17	254.20	1.48	1.87	9.89
Jun-17	265.72	1.48	1.65	4.68
Total	784.47	1.48	1.78	23.63

ii. Ramagundam-STPS Stage I & II

Month	Actual Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actual	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	142.67	2.63	2.41	-3.16
May-17	159.01	2.63	2.42	-3.30
Jun-17	138.81	2.63	2.55	-1.13
Total	440.49	2.63	2.46	-7.59

iii. Ramagundam-STPS Stage III

Month	Actual Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	41.26	2.69	2.36	-1.39
May-17	42.96	2.69	2.36	-1.42
Jun-17	34.83	2.69	2.49	-0.70
Total	119.05	2.69	2.40	-3.50

iv. NLC-TPS-II Stage-1

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	40.42	2.42	3.27	3.44
May-17	49.90	2.42	3.27	4.27
Jun-17	32.77	2.42	3.27	2.80
Total	123.09	2.42	3.27	10.52

v. NLC-TPS-II Stage-2

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	57.73	2.42	3.27	4.92
May-17	64.34	2.42	3.27	5.51
Jun-17	38.00	2.42	3.27	3.25
Total	160.07	2.42	3.27	13.69

vi. NLC-TPS-1 Expansion

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	44.28	2.28	3.10	3.63
May-17	26.84	2.28	3.09	2.18
Jun-17	38.34	2.28	3.01	2.80
Total	109.46	2.28	3.07	8.60

vii. NLC-TPS-II Expansion

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	36.71	2.30	2.97	2.47
May-17	27.59	2.30	2.97	1.86

Jun-17	30.08	2.30	2.97	2.03
Total	94.38	2.30	2.97	6.36

viii. Simhadri TPS- Stage-II

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	45.77	2.73	3.06	1.51
May-17	65.34	2.73	2.99	1.71
Jun-17	55.40	2.73	2.88	0.83
Total	166.50	2.73	2.97	4.06

ix. Vallur STPS

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	31.83	2.07	2.93	2.75
May-17	34.59	2.07	2.83	2.64
Jun-17	21.56	2.07	2.88	1.74
Total	87.98	2.07	2.88	7.13

x. NTPL

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	46.03	2.09	2.76	3.05
May-17	42.84	2.09	2.74	2.78
Jun-17	24.29	2.09	2.79	1.69
Total	113.16	2.09	2.76	7.52

II. Private Generators outside the State

i. Maithon Power Ltd (150 MW) - Contract I

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	90.24	2.00	1.89	-1.04
May-17	96.72	2.00	1.86	-1.39
Jun-17	96.75	2.00	1.97	-0.26
Total	283.71	2.00	1.91	-2.70

ii. Maithon Power Ltd (150 MW) - Contract II

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	77.61	2.00	1.89	-0.89
May-17	96.73	2.00	1.86	-1.39
Jun-17	96.78	2.00	1.97	-0.27
Total	271.12	2.00	1.91	-2.56

iii. DVC Mejia (100 MW)

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	68.22	2.30	2.03	-1.86
May-17	61.13	2.30	2.04	-1.59
Jun-17	64.10	2.30	2.12	-1.17
Total	193.45	2.30	2.06	-4.61

iv. DVC RTPS (50 MW)

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	6.15	2.30	2.20	-0.06
May-17	34.17	2.30	2.01	-0.99
Jun-17	14.58	2.30	2.51	0.30
Total	54.90	2.30	2.16	-0.75

v. Jindal Power Limited (200 MW)

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	130.42	0.81	1.11	3.86
May-17	132.32	0.81	1.06	3.26
Jun-17	131.03	0.81	1.11	3.88
Total	393.77	0.81	1.09	11.01

vi. Jhabua Power Limited (115 MW)

Month	Energy purchased at ex bus (MU)	Rate of power Purchase at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved	Actuals	
		(Rs/kWh)	(Rs/kWh)	
Apr-17	78.33	1.66	1.82	1.28
May-17	79.72	1.66	1.78	0.99
Jun-17	78.60	1.66	1.85	1.52
Total	236.65	1.66	1.82	3.79

III. Details of other power purchases**i. Energy procurement from BSES during the period April to June 2017**

Subsequent to the order of the Hon. High Court of Kerala in Petition WP(C) No. 540/17 on emptying the Naphtha stored in the BSES plant, M/s. BKPL filed a petition before this Hon'ble Commission 'to issue directions to KSEBL, State Load Dispatch center (SLDC) to schedule

power from BKPL, to use up the Naphtha available with BKPL and at the premises of IOCL as per the terms of the referred PPA in accordance with law’.

Order of this Hon’ble Commission is extracted below for ready reference.

Quote

In view of the facts , circumstances and statutory provisions explained above, approval under clause (b) of sub-section (1) of section 86 the Electricity Act-2003, is granted in accordance with the directions of the Hon’ble High Court in its order dated 04.04.2017, to the SLDC of KSEB Ltd for scheduling power and to Strategic Business Unit -Distribution of KSEB Ltd for purchase of power generated on unscheduled interchange (UI) basis, from the 6500 MT of Naphtha purchased and stored in the premises of BKPL and the 6000 kilo litre of Naphtha purchased and stored by BKPL in the premises of IOCL. This order is issued only for the purpose of implementing the interim order dated 04.04.2017 of Hon’ble High Court in writ petition No. 540/2017.

Unquote

As per the orders of Hon’ble High Court and this Hon’ble Commission KSEBL informed M/s BKPL that it would be liable to pay only the UI rate for the power so generated and took necessary action to schedule power from BKPL plant. Accordingly, 61.5501 MU has been scheduled during the month of June 2017.

Hon’ble Commission had not given approval for scheduling power from BSES for the year 2017-18 vide tariff order dated 17.04.2017. But in view of the subsequent order, KSEBL request before this Hon’ble Commission to, approve the power purchase at the time of truing up.

ii. Procurement from Short-term market and traders

Source	April				May				June			
	Approved		Actual		Approved		Actual		Approved		Actual	
	Quantum	Rate	Quantum	Rate	Quantum	Rate	Quantum	Rate	Quantum	Rate	Quantum	Rate
Short term Traders	MU	Rs/unit	MU	Rs/unit	MU	Rs/unit	MU	Rs/unit	MU	Rs/unit	MU	Rs/unit
PTC	122.40	3.33	138.65	3.08	126.48	3.33	144.26	3.08	122.40	3.33	139.89	3.08
TATA	1946.98*	4.00	72.99	3.33	1946.98*	4.00	72.81	3.28	1946.98*	4.00	0.00	
IEX			90.88	3.50			121.14	3.39			35.44	3.01
PXIL			25.21	3.09			3.51	3.48			2.30	3.67
DSM			64.04	2.11			61.99	2.04			52.93	1.85
Total			391.76	3.067			403.71	3.052			230.57	2.791

* Approved power purchase through short term for whole year	
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Rates of purchase through short term contracts are within the approved limits.

ANNEXURE II**SUMMARY OF ADDITIONAL FINANCIAL LIABILITY INCURRED ON
ACCOUNT OF CHANGE IN FUEL COST OF APPROVED SOURCES
DURING THE PERIOD APRIL TO JUNE 2017**

Source	Energy procurement at ex bus from approved sources (MU)	Per unit cost at ex bus		Additional Liability on account of variation in fuel cost over approved rate (Rs. Cr)
		Approved (Rs/kWh)	Actual (Rs/kWh)	
CGS				
RSTPS I & II	440.49	2.63	2.46	-7.59
RSTPS III	119.05	2.69	2.40	-3.50
Talcher Stage-II	784.47	1.48	1.78	23.63
Simhadri TPS Stage II	166.50	2.73	2.97	4.06
NLC Stage-I	123.09	2.42	3.27	10.52
NLC Stage-II	160.07	2.42	3.27	13.69
NLC 1 Expansion	109.46	2.28	3.07	8.60
NLC II Expansion	94.38	2.30	2.97	6.36
Vallur STPS	87.98	2.07	2.88	7.13
NTPL	113.16	2.09	2.76	7.52
Private IPPs outside the State				
DVC RTPS	54.90	2.30	2.16	-0.75
DVC Mejia	193.45	2.30	2.06	-4.61
Maithon Power Ltd-I, ER	283.71	2.00	1.91	-2.70
Maithon Power Ltd-II, ER	271.12	2.00	1.91	-2.56
Jindal Power Ltd	393.77	0.81	1.09	11.01
Jhabua Power Ltd	236.65	1.66	1.82	3.79
Total	3632.26			74.60

ANNEXURE III

Rate of Fuel Surcharge in Paise per unit	
Particulars	Quantum
Amount of Fuel Surcharge (F)(Rs in crores)	74.60
Energy billed for Retail sale to whole consumers for the first quarter of FY 2017-18 (E) in MU	5336.33
Energy billed for domestic consumers having monthly consumption less than 20 units and connected load less than 500 W during the first quarter of FY 2017-18 in MU	0.20
Energy billed for Retail sale to consumers other than the domestic consumers with connected load less than 500 W and monthly consumption below 20 units for the first quarter of FY 2017-18 (E) in MU	5336.13
Rate of fuel surcharge in Paise per unit $\{(F/E)*100\}$	13.98
(14 Paise per Unit)	Say