

1 REGULATORY PROVISIONS FOR APPLICABILITY OF FUEL SURCHARGE ADJUSTMENT (FSA)

The National Tariff Policy, publication in Government Gazette dated 6th January 2006, mentions under clause 5 (h) (4) that all uncontrollable costs should be speedily recovered from consumers so that future consumers are not burdened with past costs. The terms ‘uncontrollable costs’ would include but not be limited to fuel costs, costs on account of inflation, taxes and cess, variation in power purchase unit costs including on account of hydro-thermal mix in case of adverse natural events. The excerpt from the National Tariff Policy, 2006 is presented below

5(h) (4)

“...Uncontrollable costs should be recovered speedily to ensure that future consumers are not burdened with past costs. Uncontrollable costs would include (but not limited to) fuel costs, costs on account of inflation, taxes and cess, variations in power purchase unit costs including on account of hydro-thermal mix in case of adverse natural events...”

Further, under the “Framework for revenue requirement and costs” of the National Tariff Policy, 2006, all power purchase costs shall have to be considered legitimates unless there is violation of merit order principle or power purchase has been undertaken at unreasonable rates. The excerpt is presented below for reference

8.2.1

“...(1) All power purchase costs need to be considered legitimate unless it is established that the merit order principle has been violated or power has been purchased at unreasonable rates. The reduction of Aggregate Technical & Commercial (ATC) losses needs to be brought about but not by denying revenues required for power purchase for 24 hours supply and necessary and reasonable O&M and investment for system up-gradation. Consumers, particularly those who are ready to pay a tariff which reflects efficient costs have the right to get uninterrupted 24 hours supply of quality power. Actual level of retail sales should be grossed up by normative level of T&D losses as indicated in MYT trajectory for allowing power purchase cost subject to justifiable power purchase mix variation (for example, more energy may be purchased from thermal generation in the event of poor rainfall) and fuel surcharge adjustment as per regulations of the SERC...”

In continuation to the above, the Haryana Electricity Regulatory Commission has formulated HERC (Terms and Conditions for Determination of Tariff for Generation, Transmission, Wheeling and Distribution & Retail Supply under Multi Year Tariff Framework) Regulations, 2012 dated 5th December 2012 vide regulation number HERC/26/2012. The HERC regulation directs Discoms to

collect Fuel and Power Purchase Cost Adjustment (FSA) on a quarterly basis in a way that FSA accrued during a quarter is recovered in the following quarter. The FSA shall be calculated on the approved power purchase volume including short term purchase from all approved sources based on the approved loss levels. The detailed excerpt of the HERC MYT Regulation follows

“...66. FUEL AND POWER PURCHASE COST SURCHARGE ADJUSTMENT (FSA)

66.1 The distribution licensees shall recover FSA amount on account of increase in fuel and power purchase costs from the consumers on a quarterly basis so as to ensure that FSA accrued in a quarter is recovered in the following quarter without going through the regulatory process i.e. FSA for the quarter “October to December” is recovered in the following quarter “January to March”.

66.2 FSA shall be calculated only in respect of approved power purchase volume including short term power purchase cost, if any, for the relevant year from all approved sources. Drawl of power under UI mechanism, if any, shall be allowed only when it is not in violation of grid discipline and shall be subject to a price cap of average revenue realisation from all consumer categories for that year.

Average revenue realisation = (Total revenue assessed for electricity supply in Rs + Government Subsidy in Rs) / Total sales in Units.

66.3 For the purpose of recovery of FSA, power purchase cost shall include all invoices raised by the approved suppliers of power and credits received by the distribution licensees during the quarter irrespective of the period to which these pertain for any change in cost in accordance with tariff approved by any regulator/ government agency mentioned in regulation 59.4. This shall include arrears/refunds, if any, not settled earlier. In case data of the last month in a quarter is not available for calculating FSA to be levied in the following quarter, the licensee shall use an estimate based on available data of the first two months of the quarter. On availability of the actual figures, the difference on this account shall form part of FSA of the subsequent quarter. If the actual data for any quarter is not made available by the licensee before the end of the following quarter for this adjustment, the FSA finally allowed for that quarter based on actual figures supplied after the prescribed date shall be limited to the earlier estimated amount or the amount based on the actual figures, whichever is lower.

66.4 In case of negative FSA, the credit shall be given to the consumers by setting off the minus figure against the positive figure of FSA being charged from the consumers. In other words, credit of FSA shall be given only against FSA being charged so that the base tariff determined by the Commission remains unchanged.

66.5 Only the allowed percentage of transmission and distribution losses for the relevant year as per the approved ARR shall be taken into account for working out FSA.

66.6 The amount of FSA shall be recovered by each distribution licensee by charging a uniform FSA (per kWh) across all consumer categories in his area of license.

66.7 For moderation purposes, the recovery of per unit FSA shall be limited to 10% of the approved per unit 'average power purchase cost' or such other ceiling as may be stipulated by the Commission from time to time. For calculating FSA, variations in quarterly purchase volume from an approved source are allowed subject to an overall ceiling of annual approved volume from that source. In case a portion of the FSA for any quarter is not recovered due to the ceiling of 10%, the under recovered amount shall be added to the FSA for the next quarter.

66.8 Per unit rate of FSA (paisa/kWh) shall be worked out after rounding off to the nearest paisa;

66.9 The distribution licensee shall submit details relating to FSA recovery to the Commission for each quarter in the following format by the end of the following quarter.

Table 1: Methodology for FSA Calculation as per HERC

Sl No	Description
(i)	Approved power purchase volume from approved sources (MU)
(ii)	Approved power purchase cost (Rs. million)
(iii)	Actual power purchase volume (MU)
(iv)	Power purchased (MU) from sources not covered under regulation 66.2 giving source wise details and in case of UI the frequency at which UI draws were made. (disallowed power purchase)
(v)	Actual cost of power purchase from all sources except (iv) (Rs. million)
(vi)	Actual cost of disallowed power purchase relating to (iv)(Rs. million)
(vii)	Total FSA estimated to be recovered for the quarter(Rs. million)
(viii)	FSA per unit (Rs/kWh)being recovered during the following quarter
(ix)	Actual FSA recovered/estimated to be recovered out of estimated FSA till the end of the following quarter (Rs. million)
(x)	Under/ over recovered FSA (vii-ix) (Rs. million)
(xi)	Approved sales (Consumer category wise / month wise) for the quarter (MU)

Note:

1. All the source-wise details should be supported with requisite documentary evidence / invoices raised by the generators / suppliers of the power.
2. Actual sales to AP consumers are to be calculated in accordance with the methodology approved by the Commission in the ARR for the relevant year....”

2 METHODOLOGY AND FORMULA PROPOSED BY HARYANA ELECTRICITY REGULATORY COMMISSION (HERC) FOR CALCULATION OF FSA

The Haryana Electricity Regulatory Commission has detailed the below formula and methodology for computation of FSA

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FSA (Rs/kWh) shall be worked out as per the following formula:

$\begin{aligned} \text{Total FSA (Rs million)} &= PC + \text{Int} + \text{Adjst Q} + (\text{AdjstA}/4) \\ \text{FSA (Rs / kWh)} &= \{PC + \text{Int} + \text{Adjst Q} + (\text{AdjstA}/4)\} \div PS \end{aligned}$
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Where

PC = *{(Actual average power purchase cost (Rs/kWh) for the quarter) - (Average power purchase cost (Rs/KWh) approved by the Commission for the relevant year)} X PP*

PP = *Total volume of power purchase during the quarter worked out based on total volume of powers sold to all the consumer categories grossed up by approved T&D loss. Sales to AP consumers are to be worked out in accordance with the methodology approved by the Commission in the ARR for the relevant year (MU).*

PS = *Estimated sales volume for the following quarter with AP sales as approved by the Commission in the ARR for the relevant year(MU).*

Actual average power purchase cost (Rs./KWh) = (total cost of power purchased during the quarter from approved sources and UI as per regulation 66.2 in Rs million) / (total volume of power purchased in the quarter from approved sources and UI in MU) as per regulation 66.2)

Interest = Additional working capital cost allowed on account of FSA amount to be worked out as under:

Int = *{(total FSA/12) X (interest rate allowed for calculation of working capital in the ARR of the current financial year)} in Rs million.*

Adjst Q = *Under/over recovered FSA of the previous quarter in accordance with regulation 66.3 and 66.7 in Rs million.*

AdjstA = *Annual adjustment amount based on truing up of the FSA of the previous year by the Commission in Rs million.*

66.11 The licensee shall ensure that the Actual/ estimated FSA arising in a quarter is recovered in the following quarter. In case the licensee does not ensure levy of FSA based on the methodology given herein, the licensee shall have no claim to recover the FSA from the consumers in any manner in any subsequent period except in accordance with regulation 66(3) and 66(7). The unrecovered

FSA for the previous financial year, details of which are supplied to the Commission by the distribution licensee, may either form part of power purchase cost for the next financial year or may be allowed to be recovered as annual adjustment amount in the quarterly recovery of FSA in the next financial year as the Commission may decide.

66.12 In case Government of Haryana decides to provide subsidy on account of FSA to a particular consumer category, the amount of subsidy equivalent to the FSA recoverable from the concerned consumer category, shall be deposited in advance by the Govt. Otherwise the recovery shall be affected from the consumer through electricity bills. It shall be the responsibility of the distribution licensees to seek prior approval of the State Government in this regard and maintain appropriate record of the same.

...”

3 METHODOLOGY FOLLOWED BY UTTAR HARYANA BIJLI VITARAM NIGAM (UHBVN) AND DAKSHIN HARYANABIJLIVITARAN NIGAM (DHBVN)

The utilities (UHBVN & DHBVN) have resorted to the approach laid down by the Hon'ble Commission in the MYT Regulations, 2012 and Approach adopted in order dated 3rd March, 2017 for the purpose of calculation of Fuel Surcharge Adjustment (FSA).

The methodology for calculation of FSA Q1 of FY 2017-18 has been given below

Determination of allowable power purchase quantum for the purpose of FSA calculation.

In accordance with the HERC MYT Regulations, 2012 the allowable power purchase quantum is arrived at by grossing total sales for the quarter by the respective approved distribution losses for the utilities. Thereafter, approved intra-state transmission loss of 2.46% is applied to the power available at distribution periphery to arrive at the power requirement at State boundary. The power so available in the distribution periphery is divided into intra state generation of power and power procurement from outside the State. An Inter-State transmission loss of 3.82% as approved by the HERC in Tariff order dated 11th July, 2017 is applied to the power procured from outside State boundary to determine the total power requirement in order to service energy sales for the period of **April 2017 to June 2017 and July 2017 to September 2017**. The energy availability for the State of Haryana is provided below for reference:

Table 2: Energy availability for Q1 of FY 2017-18

Sr.No.	Parameter	Units	Values - April-17 to June-17
i	UHBVN Sales	MU	3,224.50
ii	Approved distribution loss for UHBVN as per T.O. dated 11.07.2017	%	20.85%
iii	UHBVN sales after grossing up with approved distribution losses (i/(1-ii))	MU	4,073.91
iv	DHBVN Sales	MU	4,959.79
v	Approved distribution loss for DHBVN as per T.O. dated 11.07.2017	%	17.94%
vi	DHBVN sales after grossing up with approved distribution losses (iv/(1-v))	MU	6,044.11
vii	Total Grossed up Energy after Distribution Losses (iii+vi)	MU	10,118.02
viii	Approved Intra-State Transmission Losses(Order dated 11.07.2017)	%	2.46%
ix	Grossed up energy available after Intra-state transmission losses (vii/(1-viii))	MU	10,373.20
x	Intra-state Generation	MU	4,353.16
xi	Normative Inter-state Power Purchase (ix-x)	MU	6,020.03
xii	Inter-State Transmission Losses as per T.O. dated 11.07.2017	%	3.82%
xiii	Grossed up Inter-state Power Purchase considering Inter-state Transmission Losses	MU	6,259.13
xiv	Quantum of inter-state transmission losses (xiii-xi)	MU	239.10
xv	Total Power Purchase as per norms considering inter-state transmission losses (ix+xiv)	MU	10,612.30
xvi	Actual Power Purchase as per HPPC	MU	13,090.54
xvii	Inter-state Sales as per HPPC	MU	399.61
xviii	Power Purchase after removing inter-state sales (xvi-xvii)	MU	12,690.93
xix	Disallowance of Power Purchase units by HERC compared to HPPC purchase (xviii-xv)	MU	2,078.64

Table 3: Energy availability for Q2 of FY 2017-18

Sr.No.	Parameter	Units	Values -July-17 to September-17
i	UHBVN Sales	MU	4,898.83
ii	Approved distribution loss for UHBVN as per T.O. dated 11.07.2017	%	20.85%
iii	UHBVN sales after grossing up with approved distribution losses (i/(1-ii))	MU	6,189.30
iv	DHBVN Sales	MU	6,004.03
v	Approved distribution loss for DHBVN as per T.O. dated 11.07.2017	%	17.94%
vi	DHBVN sales after grossing up with approved distribution losses (iv/(1-v))	MU	7,316.64
vii	Total Grossed up Energy after Distribution Losses (iii+vi)	MU	13,505.94
viii	Approved Intra-State Transmission Losses(Order dated 11.07.2017)	%	2.46%
ix	Grossed up energy available after Intra-state transmission losses (vii/(1-viii))	MU	13,846.57
x	Intra-state Generation	MU	6,083.22
xi	Normative Inter-state Power Purchase (ix-x)	MU	7,763.34
xii	Inter-State Transmission Losses as per T.O. dated 11.07.2017	%	3.82%
xiii	Grossed up Inter-state Power Purchase considering Inter-state Transmission Losses	MU	8,071.68
xiv	Quantum of inter-state transmission losses (xiii-xi)	MU	308.34
xv	Total Power Purchase as per norms considering inter-state transmission losses (ix+xiv)	MU	14,154.90
xvi	Actual Power Purchase as per HPPC	MU	16,654.97
xvii	Inter-state Sales as per HPPC	MU	7.76
xviii	Power Purchase after removing inter-state sales (xvi-xvii)	MU	16,647.21
xix	Disallowance of Power Purchase units by HERC compared to HPPC purchase (xviii-xv)	MU	2,492.31

4 SUMMARY OF FUEL SURCHARGE ADJUSTMENT OF Q1 AND Q2 OF FY 2017-18

Uttar Haryana Bijli Vitaran Nigam (UHBVN) and Dakshin Haryana Bijli Vitaran Nigam (DHBVN) apply Fuel Surcharge Adjustment as a pass-through cost to its consumers in accordance with HERC (Terms and Conditions for Determination of Tariff for Generation, Transmission, Wheeling and Distribution & Retail Supply under Multi Year Tariff Framework) Regulations, 2012 on quarterly basis.

Accordingly, per unit fuel cost pass-through has been calculated based on the norms and guidelines laid down by Hon'ble Haryana Electricity Regulatory Commission. The following table outlines the FSA recoverable from the consumers for the period April 17 to June 17 and July 17 to September 17.

Table 4: FSA Calculation for 1st Quarter of 2017-18

Sr.No.	Parameters	Units	Values - April 17 to June 17
i	Volume of Power Purchased	MU	13,090.54
ii	Total Variable Cost of power	Rs. Cr	3,919.04
iii	Total Fixed Cost of power(Less: intra state transmission charges)	Rs. Cr	2,049.50
iv	Actual per unit Variable power purchase cost (2/1)	Rs./Unit	2.99
v	Disallowed Units	MU	2,078.64
vi	Approved fixed cost	Rs. Cr	2,011.83
vii	FSA due to fixed Cost (iii-xi)	Rs. Cr	37.67
viii	Approved per unit Variable Power Purchase cost	Rs./Unit	2.42
ix	Difference in Per unit variable cost	Rs./Unit	0.57
x	FSA on account of Variable cost	Rs. Cr	632.93
xi	Power Purchase of disallowed units	Rs. Cr	119.47
xii	Power Purchase of disallowed units passed on to consumers (1/3rd of Disallowed FSA)	Rs. Cr	39.82
xiii	FSA Recoverable for the period	Rs. Cr	710.43
xiv	Holding Cost applicable as per HERC regulations	Rs. Cr	22.70
xv	Total FSA + Holding Cost Recoverable for the period	Rs. Cr	741.29

Table 5: FSA Calculation for 2nd Quarter of 2017-18

Sr.No.	Parameters	Units	Values -July-17 to September-17
i	Volume of Power Purchased	MU	16,654.97
ii	Total Variable Cost of power	Rs. Cr	4,302.43
iii	Total Fixed Cost of power(Less: intra state transmission charges)	Rs. Cr	2,145.58
iv	Actual per unit Variable power purchase cost (2/1)	Rs./Unit	2.58
v	Disallowed Units	MU	2,492.31
vi	Approved fixed cost	Rs. Cr	2,011.83
vii	FSA due to fixed Cost (iii-xi)	Rs. Cr	133.75
viii	Approved per unit Variable Power Purchase cost	Rs./Unit	2.42
ix	Difference in Per unit variable cost	Rs./Unit	0.16
x	FSA on account of Variable cost	Rs. Cr	232.62
xi	Power Purchase of disallowed units	Rs. Cr	40.94
xii	Power Purchase of disallowed units passed on to consumers (1/3rd of Disallowed FSA)	Rs. Cr	13.65
xiii	FSA Recoverable for the period	Rs. Cr	380.02
xiv	Holding Cost applicable as per HERC regulations	Rs. Cr	3.92
xv	Total FSA + Holding Cost Recoverable for the period	Rs. Cr	383.94

UHBVN and DHBVN are eligible for levying **Rs.1125.22Crores** towards additional power purchase cost incurred during April 2017 to June 2017 including holding cost as provisioned by the Commission.

As per the Tariff order dated 11.07.2017, the Approved Average Power Purchase cost for 2017-18 is Rs. 3.89 per unit. However, The HERC MYT Regulation restricts FSA levy up to 10% of the approved per unit power purchase cost, per unit FSA recoverable works out to 39 paise per unit from all Non-Agricultural consumers.

Table 6: Break up of FSA applicable for Quarter-1 and 2 of FY 2017-18

Sr.No.	Recovery	Unit	Quantum
i	Total FSA for Q1	Rs. Cr	741.29
ii	Total FSA for Q2	Rs. Cr	383.94
iii	Total FSA for H1	Rs. Cr	1125.22
iv	Non Agricultural Sales from FY 2017-18- UHBVN and DHBVN	MU	14542.31
v	Agricultural Sales in FY 2017-18- UHBVN and DHBVN	MU	4544.85
vi	FSA pertaining to Non Agricultural Sales to be paid by the Non Ap Consumers	Rs. Cr	857.29
vii	FSA pertaining to Agricultural Sales to be paid by the state govt.	Rs. Cr	267.93
viii	Total Non-AP sales anticipated in the 3 month period Oct 17 to December 17 for FSA recovery	MU	7001.52
ix	FSA PER UNIT	Rs./unit	1.22
x	FSA RECOVERY LIMITED TO 10% OF APPC OF Rs. 3.89 per unit	Rs./unit	0.39

The power purchase quantum, per unit power purchase cost, estimated sales quantum, etc as depicted in the above table are based on the actual data and is in accordance with HERC MYT Regulation 2012. The broad methodology for the estimations is outlined below:

- The sale for agricultural category consumption has been taken as per the HERC approved methodology of the consumption after 16% losses over the data from the AP feeders.
- The sales quantum during September 2017 are projected based on the same proportion that existed in September 2016 to sales quantum of July 2016 to August 2016.
- Power purchase quantum for the month of April 2017 to August 2017 is as per actual figures provided by Haryana power purchase center. The details of Power Purchase has been given at Annexure I of the Document.
- The details regarding sales for UHBVN and DHBVN have been shown in Annexure II of this document.
- The details for sale of power based on best actual data available as on date and same has been attached at Annexure III.

Conclusion:

Based on the tentative true up of FSA for 1st Quarter of FY 2017-18 and determination of FSA for 2nd Quarter of FY 2017-18, the FSA to be recovered from the Non AP consumers is Rs857.29Cr which should be recovered at the rate of Rs1.22 per unit. However, as per the MYT Regulation, 2012, the maximum FSA to be levied should equal to or within the limits of the cap of 10% of the average power purchase cost i.e. 39 paise per unit (10% of the approved power purchase cost of Rs. 3.89 per unit for FY 2017-18).

Presently as per the HERCOrder dated an amount of Rs. 828 cr. on account of pending FSA of earlier years is being recovered @ 65 paise per unit w.e.f. 01.04.2017 which was further reduced to 37 paise per unit w.e.f. 01.07.2017. Based on the tentative sales of first two quarters, the Recovery of outstanding FSA of Rs 828 Cr recovered @ 65 paise per unit in first quarter of FY 2017-18 and recovered @ 37 paise per unit thereafter, estimated to have been recovered fully. For adjustment of any over/under recovery, the True-Up of the Recovery of the aforementioned outstanding amount of Rs 828 Cr shall be submitted to the commission once the accounts of Q1 and Q2 of FY 2017-18 are available, for passing suitable order.

In order to avoid any additional burdento the consumers and change in billing, it has been decided to recover the FSA of first two quarters i.e. Rs 857.29 Cr @ 37 paise per unit being the prevailing rate of recovery for 1st and 2nd Quarter of FY 2017-18 in 3^d Quarter of FY 2017-18 instead of 39 paise per unit.

Table 7: Power Purchase Cost of Q1 of FY 2017-18

Name of Project	Scheduled Energy-Prov. REA (In LUs)	Total variable cost (in Rs.)	Total Fixed cost (in Rs.)	(in Rs.)	Total cost (Fixed+variable)(in Rs.)
NTPC	-				
Anta	53.80	1,26,34,500.00	3,33,23,310.00		4,59,57,810.00
Auriya	35.25	1,07,78,215.00	6,04,22,190.00		7,12,00,405.00
Dadri	282.37	7,57,14,074.00	4,17,35,179.00		11,74,49,253.00
Faridabad Gas	970.77	21,77,84,677.00	32,55,50,692.00		54,33,35,369.00
Feroz Gandhi Unchahar-1	90.44	2,57,26,291.00	12,42,48,091.00		14,99,74,382.00
Feroz Gandhi Unchahar-2	212.95	6,06,80,531.00	4,22,06,945.00		10,28,87,476.00
Feroz Gandhi Unchahar-3	111.47	3,15,79,149.00	2,80,19,725.00		5,95,98,874.00
Farraka Super Thermal	107.74	3,02,13,392.00	1,53,55,904.00		4,55,69,296.00
Kahalgaon-1	271.64	7,01,97,553.00	4,45,37,835.00		11,47,35,388.00
Kahalgaon-2	879.81	21,89,78,117.00	13,33,94,490.00		35,23,72,607.00
Koldam	1,055.99	22,92,55,881.00	18,54,58,093.00		41,47,13,974.00
NCTPS (DADRI-II)	-	-	-2,791.00		-2,791.00
Rihand Thermal Power St.-1	1,245.02	16,23,95,488.00	9,65,71,365.00		25,89,66,853.00
Rihand Thermal Power St.-2	804.97	10,50,53,955.00	7,35,18,462.00		17,85,72,417.00
Rihand Thermal Power St.-3	1,081.78	14,21,28,848.00	14,52,82,208.00		28,74,11,056.00
Singrauli Super Thermal	3,356.51	47,89,05,041.00	21,89,75,072.00		69,78,80,113.00
TOTAL NTPC LTD (A)	10,560.51	1,87,20,25,712.00	1,56,85,96,770.00		3,44,06,22,482.00
NHPC					
BAIRASUIL	880.94	8,48,34,616.00	6,36,27,518.00		14,84,62,134.00
SALAL	1,886.59	10,99,88,076.00	10,62,03,615.00		21,61,91,691.00
TANAKPUR	42.52	66,66,869.00	1,23,18,676.00		1,89,85,545.00
CHAMERA-I	1,533.14	17,00,25,534.00	8,11,50,911.00		25,11,76,445.00
URI	557.53	4,50,48,088.00	4,00,73,433.00		8,51,21,521.00
CHAMERA-II	338.75	3,35,69,928.00	2,38,61,924.00		5,74,31,852.00
DHAULIGANGA	182.29	2,75,44,171.00	2,73,95,622.00		5,49,39,793.00
DHULHASTI	434.82	12,11,39,531.00	8,13,37,691.00		20,24,77,222.00

SEWA-II	127.59	2,76,10,400.00	2,03,77,172.00	4,79,87,572.00
CHAMERA III	373.62	7,93,18,727.00	5,71,03,671.00	13,64,22,398.00
PARBATI III	162.57	4,45,10,566.00	5,01,17,689.00	9,46,28,255.00
URI-II	276.14	6,66,88,244.00	6,81,01,087.00	13,47,89,331.00
TOTAL NHPC LTD (B)	6,796.48	81,69,44,750.00	63,16,69,009.00	1,44,86,13,759.00
SJVNL	1,126.68	14,07,17,294.00	8,88,47,580.00	22,95,64,874.00
SJVNL (RAMPUR)	300.20	4,84,22,019.00	3,87,44,583.00	8,71,66,602.00
THDC	358.28	9,67,35,020.00	7,65,58,308.00	17,32,93,328.00
THDC KOTESHWAR	110.10	2,15,25,405.00	2,14,81,790.00	4,30,07,195.00
RAPS	1,423.92	43,84,29,352.00	-	43,84,29,352.00
NAPS	489.74	12,65,07,264.00	-	12,65,07,264.00
BBMB	6,924.13	43,98,48,771.00	-	43,98,48,771.00
PTC TALA	79.58	1,71,89,124.00	-	1,71,89,124.00
PTC J&K	1,016.27	37,80,53,016.00	-	37,80,53,016.00
Aravali Co. Pvt. Ltd.	11,017.86	3,23,03,08,076.00	2,00,75,58,705.00	5,23,78,66,781.00
JHAJJAR POWER LTD.	10,640.99	4,04,01,90,512.00	1,53,24,09,512.00	5,57,26,00,024.00
PRAGATI POWER	581.75	13,25,34,602.00	26,53,18,311.00	39,78,52,913.00
Coastal Gujrat Power Ltd.	4,812.08	63,00,50,825.00	45,84,17,222.00	1,08,84,68,047.00
ADANI POWER LTD	24,112.27	6,21,82,82,357.00	2,42,58,12,480.00	8,64,40,94,837.00
SASAN POWER LIMITED	6,963.17	1,05,76,69,056.00	11,74,83,009.00	1,17,51,52,065.00
PTC GMR KAMALANGA	4,452.31	45,05,74,020.00	66,10,20,741.00	1,11,15,94,761.00
PTC KARCHAMWANGTOO	3,419.38	62,81,40,828.00	44,44,69,243.00	1,07,26,10,071.00
PTC Lanco Amarkantak	5,214.65	79,00,57,481.00	54,16,97,499.00	1,33,17,54,980.00
DVC MEJIA	1,446.96	29,86,35,069.00	26,02,76,700.00	55,89,11,769.00
DVC KODERMA	951.48	18,77,70,894.00	21,48,05,315.00	40,25,76,209.00
DVC Raghunathpura	399.56	8,64,00,028.00	7,20,67,605.00	15,84,67,633.00
PNP TH- V	-18.53	-61,71,522.30	17,81,17,500.00	17,19,45,977.70
PNP TH- VI	82.07	3,19,32,130.70	21,30,22,500.00	24,49,54,630.70
PNP TH- VII	2,258.39	75,57,60,299.62	40,17,75,000.00	1,15,75,35,299.62
PNP TH- VIII	1,508.92	55,33,11,724.29	37,04,62,500.00	92,37,74,224.29
DCRTPP unit-1 - 2	6,584.55	2,10,17,15,308.94	1,13,22,65,000.01	3,23,39,80,308.95
RGTPP	8,976.46	2,97,17,56,283.55	2,00,64,84,999.99	4,97,82,41,283.54
WYC/KAKROI	504.53	10,92,90,734.82	-	10,92,90,734.82

Surcharge billed by HPGCL	-	-	-	-
OTHER LONG TERM (C)	1,05,737.73	25,97,56,35,972.62	13,52,90,96,103.00	39,50,47,32,075.62
P&R GOGRIPUR small hydro	12.37	49,21,986.00	-	49,21,986.00
Bhoruka Power Corps. Ltd. Small hydro	41.17	1,30,83,734.00	-	1,30,83,734.00
HPSEB/MITTAL SMALL HYD.	-	-	-	-
MEGHALAYA/APPCL	-	-	-	-
SHAHBAD SUGAR MILL	110.23	4,46,41,918.80	-	4,46,41,918.80
CH. DEVI LAL SUGAR MILL	1.19	4,81,568.00	-	4,81,568.00
Haryana Co. Sugar Mill.	79.94	3,23,74,890.00	-	3,23,74,890.00
Hafed Sugar Mill	9.96	40,32,479.00	-	40,32,479.00
Meham Sugar Mill	-	-	-	-
Puri Oil Mill small hydro	41.89	1,67,15,606.00	-	1,67,15,606.00
SUGAR MILL AND SMALL HYDRO (D)	296.75	11,62,52,181.80	-	11,62,52,181.80
SDS SOLAR PVT LTD. DH	3.71	21,01,528.80	-	21,01,528.80
C&S Electrical DH	3.59	20,34,282.60	-	20,34,282.60
CHANDRALEELA SOLAR DH	1.75	9,93,875.25	-	9,93,875.25
SUKHBIR SOLAR DH	3.77	21,36,149.82	-	21,36,149.82
ZAMIL SOLAR DH	3.05	17,27,263.44	-	17,27,263.44
SIWANA SOLAR POWER DH	19.71	1,26,94,206.00	-	1,26,94,206.00
H.R. MINERAL SOLAR UH	4.10	23,22,828.90	-	23,22,828.90
TAYAL & CO SOLAR UH	4.06	23,01,793.20	-	23,01,793.20
VKG SOLAR UH	2.75	15,60,101.63	-	15,60,101.63
Utrecht Solar Pvt. Ltd.	4.15	23,72,936.00	-	23,72,936.00
Subhash Infra Engineers Pvt ltd.	4.33	24,94,309.92	-	24,94,309.92
JBM Solar	56.02	3,18,19,950.32	-	3,18,19,950.32
HPGCL-Solar	45.11	2,20,15,543.72	-	2,20,15,543.72
Solar Energy Corporation of India Ltd.	372.93	20,50,82,345.00	-	20,50,82,345.00
SOLAR POWER (E)	529.03	29,16,57,114.60	-	29,16,57,114.60
STAR WIRE INDIA	158.44	12,34,24,448.00	-	12,34,24,448.00
GEMCO ENERGY LTD.	93.19	7,25,96,568.60	-	7,25,96,568.60
AB GRAIN SPIRIT PVT LTD.	56.54	4,35,38,996.00	-	4,35,38,996.00
SRI JYOTI	168.44	12,96,94,950.00	-	12,96,94,950.00
BIOMASS POWER (F)	476.61	36,92,54,962.60	-	36,92,54,962.60

Total Long term (A+B+C+D+E+F)	1,24,397.12	29,44,17,70,693.62	15,72,93,61,882.00	45,17,11,32,575.62
BANKING POWER				
GMR	22.56	95,66,500.00	-	95,66,500.00
APPCPL/CSPDCL	-	-	-	-
APPCP/CSPDCL	-	-	-	-
APPCPL/CSPDCL	-	-	-	-
J&K/Mittal	3,096.00	1,31,27,04,000.00	-	1,31,27,04,000.00
MANIKARAN/UPCL	5.00	21,20,000.00	-	21,20,000.00
HPSEB MITTAL	-	-	-	-
PDD/J&K/MITTAL	-	-	-	-
J&K/GMR	3,096.00	1,31,27,04,000.00	-	1,31,27,04,000.00
UP/GMR	-	-	-	-
MITTAL/MEPDCL	5.00	21,20,000.00	-	21,20,000.00
MITTAL/HPSEB	-	-	-	-
MITTAL/MANIPUR	528.81	22,42,15,143.20	-	22,42,15,143.20
CSPDCL,MANIKARAN	19.23	81,55,057.00	-	81,55,057.00
PTC /J&k	-	-	-	-
ptc/j&k/manipur	-	-	-	-
MSEDCL/APPCPL	-	-	-	-
ptc/meseb	-	-	-	-
MITTAL/CESC	-	-	-	-
TOTAL BANKING POWER (G)	6,772.61	2,87,15,84,700.20	-	2,87,15,84,700.20
TATA/EXCHANGE	-	-	-	-
TATA POWER	-	-	-	-
OTHER SHORT TERM (H)	-	-	-	-
TOTAL Short Term I=(G+H)	6,772.61	2,87,15,84,700.20	-	2,87,15,84,700.20
UI				
PGCIL-UI	-264.34	38,95,60,611.00	-	38,95,60,611.00
HVPLN-UI	-	-	-	-
TOTAL UI (J)	-264.34	38,95,60,611.00	-	38,95,60,611.00
	0			
OPEN Access		-	1,43,75,21,958.00	1,43,75,21,958.00
Refund OA		-	-44,89,643.00	-44,89,643.00

NRLDC		-	5,59,000.00	5,59,000.00
PGCIL		-	3,22,78,80,948.00	3,22,78,80,948.00
POSOCO		-	71,21,326.00	71,21,326.00
REC		-	-	-
K.C.Sharma		-	-	-
HVPN TC-DH		-	2,26,13,85,655.00	2,26,13,85,655.00
HVPN TC-UH		-	1,92,40,35,555.00	1,92,40,35,555.00
Reactive Energy Charges (DH)		-	3,11,31,632.00	3,11,31,632.00
Reactive Energy Charges (UH)		-	6,59,16,351.00	6,59,16,351.00
DVB/DPCL		-	-	-
SLDC & OAC	-	-	8,95,10,62,782.00	8,95,10,62,782.00
TOTAL L=(A+B+C+D+E+F+G+H+I+J+K)	1,30,905.38	32,70,29,16,004.82	24,68,04,24,664.00	57,38,33,40,668.82
Add: Prior period Expenditure	-			6,48,74,60,828.00
Total Expenditure	-			63,87,08,01,496.82

Table 8: Power Purchase Cost of Q2 of FY 2017-18

Name of Project	Scheduled Energy-Prov. REA (In LUs)	Total variable cost (in Rs.)	Total Fixed cost (in Rs.)	Total cost (Fixed+variable)(in Rs.)
NTPC				
Anta	216.88	5,73,42,473.62	3,06,56,539.50	8,79,99,013.12
Auriya	-	-	4,43,92,590.00	4,43,92,590.00
Dadri	373.03	11,51,85,394.83	4,15,97,109.00	15,67,82,503.83
Faridabad Gas	1,904.23	45,10,11,931.97	35,74,86,847.50	80,84,98,779.47
Feroz Gandhi Unchahar-1	238.32	7,00,95,774.61	1,98,07,446.00	8,99,03,220.61
Feroz Gandhi Unchahar-2	451.63	13,26,06,692.45	3,84,38,320.50	17,10,45,012.95
Feroz Gandhi Unchahar-3	204.44	5,99,32,425.12	2,77,35,118.50	8,76,67,543.62
Farraka Super Thermal	129.62	3,69,17,112.86	1,70,69,397.00	5,39,86,509.86
Kahalgaon-1	321.05	7,82,16,453.22	4,45,89,597.00	12,28,06,050.22
Kahalgaon-2	1,050.35	24,44,80,363.65	13,32,40,528.50	37,77,20,892.15
Koldam	1,577.81	34,25,41,551.16	19,77,38,677.50	54,02,80,228.66
NCTPS (DADRI-II)	-	-	-	-
Rihand Thermal Power St.-1	1,197.18	15,75,32,061.76	9,19,47,118.50	24,94,79,180.26

Rihand Thermal Power St.-2	1,421.28	18,57,45,174.20	9,94,72,905.00	28,52,18,079.20
Rihand Thermal Power St.-3	879.13	11,57,34,628.65	14,31,50,877.00	25,88,85,505.65
Singrauli Super Thermal	3,828.66	52,76,07,379.47	21,81,44,983.50	74,57,52,362.97
TOTAL NTPC LTD (A)	13,793.62	2,57,49,49,417.57	1,50,54,68,055.00	4,08,04,17,472.57
NHPC	-	-	-	-
BAIRASUIL	632.75	6,09,34,151.05	5,64,03,696.00	11,73,37,847.05
SALAL	2,011.41	11,72,65,309.11	11,36,67,223.50	23,09,32,532.61
TANAKPUR	104.59	1,64,00,419.21	1,79,31,910.50	3,43,32,329.71
CHAMERA-I	1,466.95	16,01,50,364.17	8,15,60,151.00	24,17,10,515.17
URI	433.54	3,50,29,887.09	3,98,87,230.50	7,49,17,117.59
CHAMERA-II	330.87	3,27,88,844.84	2,40,20,490.00	5,68,09,334.84
DHAULIGANGA	302.03	4,56,37,389.65	2,75,77,470.00	7,32,14,859.65
DHULHASTI	457.35	12,74,16,419.27	8,17,98,741.00	20,92,15,160.27
SEWA-II	103.60	2,24,19,730.49	2,03,27,067.00	4,27,46,797.49
CHAMERA III	378.14	8,02,79,273.38	6,25,03,045.50	14,27,82,318.88
PARBATI III	346.42	9,48,49,133.50	4,23,15,450.00	13,71,64,583.50
URI-II	236.11	5,70,21,451.62	6,71,82,682.50	12,42,04,134.12
TOTAL NHPC LTD (B)	6,803.77	85,01,92,373.38	63,51,75,157.50	1,48,53,67,530.88
SJVNL	1,222.65	14,56,18,122.02	9,16,58,850.00	23,72,76,972.02
SJVNL (RAMPUR)	326.51	5,26,66,509.67	4,07,56,383.00	9,34,22,892.67
THDC	794.86	21,46,12,811.01	15,32,29,197.00	36,78,42,008.01
THDC KOTESHWAR	176.57	3,45,18,552.75	3,29,62,464.00	6,74,81,016.75
RAPS	1,380.01	21,41,20,545.92	-	21,41,20,545.92
NAPS	486.30	12,56,26,744.56	-	12,56,26,744.56
BBMB	9,402.78	-	-	-
PTC TALA	288.94	6,24,12,030.12	-	6,24,12,030.12
PTC J&K	1,097.23	40,81,68,180.43	-	40,81,68,180.43
Aravali Co. Pvt. Ltd.	7,681.49	2,30,60,73,278.25	1,90,16,22,417.00	4,20,76,95,695.25
JHAJJAR POWER LTD.	14,334.89	4,45,24,38,419.92	2,29,57,30,176.00	6,74,81,68,595.92
PRAGATI POWER	1,453.96	41,96,38,409.87	27,93,30,193.50	69,89,68,603.37
Coastal Gujrat Power Ltd.	8,399.54	1,18,21,81,502.33	68,81,15,181.00	1,87,02,96,683.33
ADANI POWER LTD	20,221.23	5,19,13,20,413.32	2,47,91,27,040.00	7,67,04,47,453.32
SASAN POWER LIMITED	7,396.81	97,76,74,216.31	12,76,00,605.00	1,10,52,74,821.31

PTC GMR KAMALANGA	5,359.87	54,24,18,730.03	69,99,54,205.50	1,24,23,72,935.53
PTC KARCHAMWANGTOO	3,880.67	71,28,79,560.27	45,35,35,792.50	1,16,64,15,352.77
PTC Lanco Amarkantak	3,181.52	52,96,85,707.00	54,18,08,523.00	1,07,14,94,230.00
DVC MEJIA	1,042.11	24,09,36,230.83	21,37,40,757.00	45,46,76,987.83
DVC KODERMA	1,301.60	24,28,77,746.19	24,08,11,569.00	48,36,89,315.19
DVC Raghunathpura	653.26	16,88,68,808.09	8,88,19,381.50	25,76,88,189.59
PNP TH- V	1,025.47	44,64,08,366.84	17,81,17,500.00	62,45,25,866.84
PNP TH- VI	1,743.01	63,68,06,064.09	21,30,22,500.00	84,98,28,564.09
PNP TH- VII	5,167.36	1,87,57,84,993.14	40,17,75,000.00	2,27,75,59,993.14
PNP TH- VIII	3,049.88	1,19,66,18,189.45	37,04,62,500.00	1,56,70,80,689.45
DCRTPP unit-1 - 2	10,047.65	3,58,77,55,439.00	1,13,22,65,000.01	4,72,00,20,439.01
RGTPP	14,147.31	5,19,56,66,511.30	2,00,64,84,999.99	7,20,21,51,511.29
WYC/KAKROI	746.64	16,17,37,877.34	-	16,17,37,877.34
Surcharge billed by HPGCL	-	-	3,45,53,751.00	3,45,53,751.00
OTHER LONG TERM (C)	1,26,010.16	31,32,55,13,960.04	14,66,54,83,986.00	45,99,09,97,946.04
P&R GOGRIPUR small hydro	1.51	6,02,217.99	-	6,02,217.99
Bhoruka Power Corps. Ltd. Small hydro	32.14	1,00,94,339.20	-	1,00,94,339.20
HPSEB/MITTAL SMALL HYD.	-	-	-	-
MEGHALAYA/APPCL	-	-	-	-
SHAHBAD SUGAR MILL	-	-	-	-
CH. DEVI LAL SUGAR MILL	-	-	-	-
Haryana Co. Sugar Mill.	-	-	-	-
Hafed Sugar Mill	-	-	-	-
Meham Sugar Mill	-	-	-	-
Puri Oil Mill small hydro	36.22	1,44,50,137.49	-	1,44,50,137.49
SUGAR MILL AND SMALL HYDRO (D)	69.87	2,51,46,694.67	-	2,51,46,694.67
SDS SOLAR PVT LTD. DH	3.90	22,13,585.95	-	22,13,585.95
C&S Electrical DH	3.19	18,06,835.04	-	18,06,835.04
CHANDRALEELA SOLAR DH	2.10	11,93,458.28	-	11,93,458.28
SUKHBIR SOLAR DH	3.38	19,16,949.37	-	19,16,949.37
ZAMIL SOLAR DH	2.85	16,13,139.62	-	16,13,139.62
SIWANA SOLAR POWER DH	19.32	1,24,42,376.62	-	1,24,42,376.62
H.R. MINERAL SOLAR UH	4.09	24,71,559.83	-	24,71,559.83

TAYAL & CO SOLAR UH	3.38	19,15,606.51	-	19,15,606.51
VKG SOLAR UH	2.99	16,94,454.37	-	16,94,454.37
Utrecht Solar Pvt. Ltd.	3.71	21,09,364.56	-	21,09,364.56
Subhash Infra Engineers Pvt Ltd.	3.54	20,12,219.05	-	20,12,219.05
JBM Solar	76.80	4,36,23,353.88	-	4,36,23,353.88
HPGCL-Solar	41.71	2,03,55,103.87	-	2,03,55,103.87
Solar Energy Corporation of India Ltd.	363.53	19,99,41,876.22	-	19,99,41,876.22
SOLAR POWER (E)	534.50	29,53,09,883.18	-	29,53,09,883.18
STAR WIRE INDIA	178.37	13,89,48,329.55	-	13,89,48,329.55
GEMCO ENERGY LTD.	59.06	4,60,04,043.51	-	4,60,04,043.51
AB GRAIN SPIRIT PVT LTD.	44.33	3,41,30,412.94	-	3,41,30,412.94
SRI JYOTI	168.02	12,93,78,048.62	-	12,93,78,048.62
BIOMASS POWER (F)	449.77	34,84,60,834.62	-	34,84,60,834.62
Total Long term (A+B+C+D+E+F)	1,47,661.69	35,41,95,73,163.46	16,80,61,27,198.50	52,22,57,00,361.96
BANKING POWER	-	-	-	-
GMR	-	-	-	-
APPCPL/MSEDCL	1,907.18	80,86,44,561.68	-	80,86,44,561.68
APPCP/CSPDCL	-	-	-	-
APPCPL/CSPDCL	-	-	-	-
J&K PDD/Mittal	5,766.00	2,44,47,84,000.00	-	2,44,47,84,000.00
MANIKARAN/UPCL	-	-	-	-
HPSEB MITTAL	1,358.13	43,18,83,750.00	-	43,18,83,750.00
MITTAL/CALCUTTA	30.61	97,34,457.00	-	97,34,457.00
J&K/GMR	5,766.00	2,44,47,84,000.00	-	2,44,47,84,000.00
UP/GMR	-	-	-	-
MITTAL/MEPDCL	158.23	5,03,17,171.80	-	5,03,17,171.80
GMR/GCEL	1,116.48	47,33,88,175.08	-	47,33,88,175.08
MITTAL/MANIPUR	45.52	1,44,74,393.28	-	1,44,74,393.28
GMR/GRIDCO	170.59	5,42,48,987.40	-	5,42,48,987.40
GMR/ANDHRA PRADESH	658.68	20,94,59,604.00	-	20,94,59,604.00
GMR/SCL	13.44	42,73,920.00	-	42,73,920.00
GMR/BRPL	33.60	1,06,84,800.00	-	1,06,84,800.00
GMR/HPSEB	1,291.50	41,06,97,000.00	-	41,06,97,000.00

GMR/GKEL	64.68	2,05,68,240.00	-	2,05,68,240.00
TOTAL BANKING POWER (G)	18,380.64	7,38,79,43,060.24	-	7,38,79,43,060.24
MANIKARAN/EXCHANGE	118.00	4,13,97,168.00	-	4,13,97,168.00
TATA POWER	-	-	-	-
OTHER SHORT TERM (H)	118.00	4,13,97,168.00	-	4,13,97,168.00
TOTAL Short Term I=(G+H)	12,147.08	7,42,93,40,228.24	-	7,42,93,40,228.24
UI	-	-	-	-
PGCIL-UI	389.39	17,53,78,126.00	-	17,53,78,126.00
HVPLN-UI	-	-	-	-
TOTAL UI (J)	389.39	17,53,78,126.00	-	17,53,78,126.00
	-	-	-	-
OPEN Access	-	-	1,32,86,46,588.00	1,32,86,46,588.00
Refund OA	-	-	-	-
NRLDC	-	-	-	-
PGCIL	-	-	3,59,52,63,583.50	3,59,52,63,583.50
POSOCO	-	-	71,30,991.00	71,30,991.00
REC	-	-	-	-
K.C.Sharma	-	-	-	-
HVPLN TC-DH	-	-	2,26,03,71,828.00	2,26,03,71,828.00
HVPLN TC-UH	-	-	1,92,31,73,166.00	1,92,31,73,166.00
Reactive Energy Charges (DH)	-	-	-	-
Reactive Energy Charges (UH)	-	-	-	-
DVB/DPCL	-	-	-	-
SLDC & OAC	-	-	9,11,45,86,156.50	9,11,45,86,156.50
TOTAL L=(A+B+C+D+E+F+G+H+I+J+K)	1,66,549.71	43,02,42,91,517.70	25,92,07,13,355.00	68,94,50,04,872.70
Add: Prior period Expenditure	-	-	-28,13,70,644.00	-28,13,70,644.00
Total Expenditure	1,66,549.71	43,02,42,91,517.70	25,63,93,42,711.00	68,66,36,34,228.70

1. Units Billed of Q1 of FY 2017-18 (actual) (in Mus)

Category	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
UHBVN						
Domestic	204.476	247.06	317.22	370.67	396.84	
Non-Domestic	84.68	106.06	127.28	128.58	134.66	
HT Industry	368.60	364.32	386.15	362.09	369.61	
LT Industry	55.715	58.48	68.51	60.76	64.65	
Lift Irrigation	3.51	3.13	4.71	0.07	0.04	
Agriculture	171.08	151.06	335.43	464.74	820.72	
Bulk Supply	20.55	26.67	31.39	29.51	37.99	
Railway Traction	13.91	14.37	15.64	16.35	9.97	
Street Lighting	6.83	5.36	5.58	5.24	5.39	
MITC	-	-	-	-	-	
PWW	28.41	29.16	31.09	33.28	36.05	
Total	957.75	1,005.65	1,322.98	1,471.28	1,875.91	-
Non AP sales	786.67	854.60	987.56	1,006.53	1,055.20	1,001.82
AP Sales HERC	168.89	150.23	276.55	466.16	822.54	546.58
Corrected Sales	955.56	1,004.83	1,264.11	1,472.70	1,877.73	1,548.40

1. Units Billed of Q1 of FY 2017-18 (actual) (in Mus)

Category	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17
DHBVN						
Domestic	309.94	386.32	434.80	530.54	575.52	
Non-Domestic	179.77	280.76	287.16	334.98	282.43	
HT Industry	426.81	484.69	517.62	496.60	405.70	
LT Industry	72.37	89.33	95.07	94.34	84.74	
Lift Irrigation	11.566	12.414	10.76	12.773	16.236	
Agriculture	400.33	222.67	420.45	314.55	489.99	
Bulk Supply	47.661	70.305	95.393	93.37	89.132	
Railway Traction	16.889	17.815	18.291	18.536	19.997	
Street Lighting	6.613	8.999	8.164	8.506	6.913	
MITC	-	-	-	-	-	
PWW	49.22	53.14	57.33	56.35	51.87	
Total	1,521.17	1,626.43	1,945.04	1,960.54	2,022.54	-
Non AP sales	1,120.84	1,403.77	1,524.58	1,645.99	1,532.54	1,622.21
AP Sales HERC	333.10	216.69	360.82	348.10	399.25	455.93
Corrected Sales	1,453.94	1,620.46	1,885.40	1,994.10	1,931.80	2,078.14

1. AP Consumption as per HERC methodology-UHBVN (in Lus)

UHBVN	AP units as recorded on segregated AP feeders (In LUs)	Loss @ 16%	Net AP consumption	Less Consumption of other category consumers on segregated AP feeders	Add AP units on other feeders	Total AP consumption
Apr-17	1,979.94	316.79	1,663.15	11.78	37.51	1,688.88
May-17	1,723.41	275.75	1,447.67	12.34	67.00	1,502.33
Jun-17	3,948.68	631.79	3,316.89	15.21	32.30	2,765.53
Jul-17	5,536.17	885.79	4,650.38	14.55	25.81	4,661.64
Aug-17	9,777.78	1,564.45	8,213.34	14.78	26.82	8,225.38
Sep-17		-	-			5,465.84

2. AP Consumption as per HERC Methodology-DHBVN

(in Lus)

DHBVN	AP units as recorded on segregated AP feeders (In LUs)	Loss @ 16%	Net AP consumption	Add AP units on other feeders	Less Consumption of other category consumers on segregated AP feeders	Total AP consumption
Apr-17	3,906.84	625.09	3,281.74	142.14	92.93	3,330.95
May-17	2,549.79	407.97	2,141.82	71.03	45.96	2,166.89
Jun-17		-	-			3,608.18
Jul-17		-	-			3,481.02
Aug-17		-	-			3,992.54
Sep-17		-	-			4,559.33

1. Details of Sale of Power and Banking of Q1 of FY 2017-18

Sr. No.	Project	April'17			May'17			June'17		
		Unit	Amount	Rate	Unit	Amount	Rate	Unit	Amount	Rate
1	Banking Power									
2	MITTAL									
3	INSTINCT									
4	PXIL									
5	SJPCL									
6	KNOWLEDGE									
7	GOHP									
8	J&K									
9	CSPTCL									
10	JSW									
11	ADANI									
12	NVVNL									
13	APPCPL/MSEDCL	720.00000	305280000	4.24	1176.00000	498624000	4.24			
14	APPCPL/Noida							180.00000	76320000	4.24
15	IEX	1312.14518	247147199	1.88	452.86468	115518783	2.55	103.33288	19061520.75	1.84
Short Term Project		2032.145175	552427199	2.72	1628.864675	614142783	3.77	283.33288	95381520.75	3.37
1	PGCIL-UI									
	GBTL-UI-S									
	BILT									
2	HVPNL-UI	9.15627	2340098	2.56	23.32759	4338749	1.86	19.23102	3162644	1.64
UI		9.15627	2340098	2.56	23.32759	4338749	1.86	19.23102	3162644	1.64
G.Total		2041.301445	554767297	2.72	1652.192265	618481532	3.74	302.563895	98544164.75	3.26

2. Details of Sale of Power and Banking of Q2 of FY 2017-18

Sr. No.	Project	July'17			August'17		
		Unit	Amount	Rate	Unit	Amount	Rate
1	Banking Power						
2	MITTAL						
3	INSTINCT						
4	PXIL						
5	SJPCL						
6	KNOWLEDGE						
7	GOHP						
8	J&K						
9	CSPTCL						
10	JSW						
11	ADANI						
12	NVVNL						
13	APPCPL/MSEDCL						
14	APPCPL/Noida						
15	IEX	143.20625	28520018	1.99	300.43063	60158969	2.00
Short Term Project		143.20625	28520018	1.99	300.43063	60158969	2.00
1	PGCIL-UI	-419.78455	22100069	-0.53			
	GBTL-UI-S						
	BILT						
2	HVPNL-UI	41.97719	6435938	1.53	11.77041	2133884	1.81
UI		-377.80736	28536007	-0.76	11.77041	2133884	1.81
G.Total		-234.60111	57056025	-2.43	312.20104	62292853	2.00