

Title <b>Form 1: Energy Sales - Metered</b>							
Sr. No.	Consumer Category	Unit	ORDER FY 15-	Mar-16		Cumulative upto Month & Year	
			16	Order	Actual	Order	Actual
(A)	(B)	(C)	(D)	(E)	(F)	(H)	(I)
1.00	Energy Sales in License Area1						
	<u>LT - Categories</u>						
	<u>LT I - Domestic</u>						
	BPL Consumers	MU	113.00	9.42	6.50	130.33	77.21
	Other Domestic	MU	18,019.00	1,501.58	1,462.67	17,504.50	18,835.20
	LT II - Commercial	MU	4,011.00	334.25	359.49	4,002.17	4,354.50
	LT III - Pub Water Works	MU	661.00	55.08	57.01	640.67	673.09
	LT IV - Agriculture	MU	13,461.00	1,121.75	1,421.65	12,994.17	14,959.03
	LT V - Industrial & Power Loom	MU	6,286.00	523.83	743.56	6,129.50	8,268.25
	Bhivandi Franchisee	MU	-	-	-	-	-
	LT VI - Streetlight	MU	-	-	-	-	-
	Grampanchayat & Municipal Council	MU	1,222.00	101.83	161.13	1,156.83	1,667.75
	Municipal Corporation Areas	MU	411.00	34.25	-	342.50	-
	LT VII - Temporary	MU	-	-	-	-	-
	Temporary Connections (Religious)	MU	2.00	0.17	1.20	13.00	18.38
	Temporary Connections (Other Purpose)	MU	16.00	1.33	-	13.33	-
	LT VIII - Advt & Hoardings	MU	3.00	0.25	0.327535	3.17	3.45
	LTIX - Crematoriums	MU	2.00	0.17	0.14	2.00	1.49
	LTX - Public Services	MU	-	-	-	0.00	48.73
	<u>A Government</u>						
	I <20 kw						
	0-200 units	MU	5.00	0.42	0.66	4.17	1.94
	> 200 units	MU	7.00	0.58	1.09	5.83	3.31
	II >20 -50 kw	MU	3.00	0.25	0.45	2.50	2.99
	III >50 kw	MU	3.00	0.25	0.49	2.50	3.20
	<u>B others</u>					0.00	0.00
	I <20 kw					0.00	0.00
	0-200 units	MU	41.00	3.42	5.11	34.17	53.34
	> 200 units	MU	64.00	5.33	10.44	53.33	102.97
	II >20 -50 kw	MU	27.00	2.25	4.96	22.50	44.97
	III >50 kw	MU	29.00	2.42	4.91	24.17	45.04
	Prepaid	MU	14.00	1.17	1.18	11.67	10.79
	LT Total A		44,400.00	3,700.00	4,242.96	43,093.00	49,175.63
	<u>HT - Categories</u>						
	<u>HT I - Industries</u>						
	Continuous	MU	13,167.00	1,097.25	719.60	26,545.23	22,993.22
	Non-Continuous		13,030.00	1,085.83	1,180.39		
	Seasonal Industry	MU	166.00	13.83	8.35	163.03	82.53
	HT II - Commercial	MU	2,206.00	183.83	189.91	2,195.03	2,177.21
	HT III - Railways	MU	1,505.00	125.42	6.44	1,497.53	994.22
	HT IV - Water Works	MU	-	-	-	-	-
	Express Feeders	MU	1,154.00	96.17	109.03	1,123.20	1,518.10
	Non-Express Feeders		239.00	19.92	18.93	235.70	228.90
	HT V - Agriculture (Includes Poultry)	MU	871.00	72.58	118.88	844.93	993.21
	HT VI - Bulk Supply	MU	-	-	-	-	-
	Residential (Group Housing)	MU	217.00	18.08	20.56	235.53	234.36
	HT VIII-B Temporary supply others	MU	4.00	0.33	0.25	3.33	4.10
	HT IX Pub Service	MU	-	-	-	-	158.64
	<u>A Government</u>						
	Express Feeders	MU	23.00	1.92	10.29	19.17	97.17
	Non-Express Feeders	MU	21.00	1.75	7.29	17.50	56.14
	<u>B Others</u>						
	Express Feeders	MU	437.00	36.42	30.98	364.17	291.72
	Non-Express Feeders	MU	402.00	33.50	33.86	335.00	299.21
	HT X Port	MU	86.00	7.17	7.04	71.67	66.53
	HT X Metro/ Mono	MU	-	-	-	-	-
	MSPGCL Aux supply	MU	56.00	4.67	5.57	46.67	71.34
	Other	MU	-	-	670.91	-	6,336.18
	HT Total B	MU	33,584.00	2,798.67	3,138.26	33,697.70	36,605.19
	Total Sale (LT+HT)	MU	77,984.00	6,498.67	7,380.28	76,790.70	85,779.87

Note: 1. PD Consumers are not considered.

Table 1.2  
 Title Energy Sales -  
 UnMetered

**Form 2: Energy Sales - Unmetered**

Sr. No.	Consumer Category <sup>1</sup>	ORDER FY 15-16			Mar-16				Cumulative upto Month & Year	
		Load	Norm <sup>2</sup>	EC <sub>UM</sub> <sup>3</sup>	Order	Load	EC <sub>UM</sub> <sup>3</sup>	Reasons for material variation	Order	EC <sub>UM</sub> <sup>3</sup>
		HP	hrs/ HP/ Year *	MU	MU	HP	MU		MU	MU
1.0	Unmetered Hrs>1318		1,734.33	5130	428		596.55		5017	6918
	Bhandup (U)		1,474.00				0.00000		0	0
	Nasik		1,521.00				213.31		503	2366
	Pune		2,208.00				27.26		240	289
	Jalgaon						163.98		0	1839
	Baramati						192.00		0	2424
1.1	Unmetered Hrs<1318		980.00	3852	321		437.59		4248	4887
	Amravati		922.00	484			103.19		96	981
	Aurangabad		1,224.00	1130			96.31		224	1095
	Kalyan		1,300.00	30			0.02		6	0
	Konkan		533.00	0			0.00		0	0
	Kolhapur		1,198.00	1814			20.86		359	250
	Latur		1,241.00	1567			125.74		311	1594
	Nagpur (U)		644.00	68			3.70		13	31
	Nagpur		778.00	141			0.000		28	0
	Nanded						87.76		0	937
1.2	LT-Unmetered PWW			0					0	0
	Total	0	2,714.33	8982	748.50		1034.14		9265	11805

\* Norms have been considered same of MYT order for Unmetered Hrs > & < 1318 HP/year

Form 3: Energy Availability								
Sr. No.	Source of Generation/Power Purchase	Unit	ORDER FY 15-16	Mar-16			Cumulative upto Month & Year	
			Order	Order	Actual	Reasons for material variation	Order	Actual
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	MSPGCL	MU						
	Koradi 10	MU	1,481.00	123.42			1,481.00	-
	Koradi 9	MU	1,781.00	148.42			1,781.00	-
	Koradi 8	MU	2,962.00	246.83	70.032		2,962.00	649.30
	Chandrapur 8	MU	2,170.00	180.83	-		2,170.00	-
	Chandrapur 9	MU	1,562.00	130.17	-		1,562.00	-
	Paras 3 and 4	MU	3,125.00	260.42	268.90624		3,125.00	3,173.68
	khaperkheda	MU	5,330.00	444.17	435.898719		5,330.00	4,420.47
	parli 8	MU	451.00	37.58			451.00	-
	khaperkheda 5	MU	3,072.00	256.00	136.306991		3,072.00	3,020.56
	Chandrapur	MU	11,562.00	963.50	828.97202		11,562.00	11,156.61
3430.3	Hydel Stations	MU	4,612.00	384.33	193.09168		4,612.00	3,533.67
	Subtotal	MU	38,108.00	3,175.67	1,933.21		38,108.00	25,954.29
2.0	Net Power Purchase <sup>2</sup>	MU						
	Central Gen Stns		29,696.00	2,474.67	2,794.10		29,696.00	29,248.38
	Korba	MU	4,661.00	388.42	439.87		4,661.00	4,840.07
	Korba III	MU	936.00	78.00	94.30		936.00	975.30
	Vindhyanchal - I	MU	3,268.00	272.33	282.24		3,268.00	2,784.13
	Vindhyanchal - II	MU	2,548.00	212.33	222.37		2,548.00	2,233.11
	Vindhyanchal-III	MU	2,123.00	176.92	206.37		2,123.00	2,123.39
	Vindhyanchal-IV	MU	2,292.00	191.00	193.06		2,292.00	2,232.60
	Vindhyanchal-V	MU	557.00	46.42	120.95		557.00	420.66
	Kawas - APM	MU	-	-	20.35		-	296.32
	Gandhar - APM	MU	-	-	30.23		-	251.30
	Farrakka	MU	-	-	-		-	-
	Talcher	MU	-	-	-		-	-
	Kahalgaon	MU	-	-	-		-	-
	Kahalgaon II unit	MU	-	-	77.30		-	793.79
	Sipat - Unit 1	MU	4,363.00	363.58	425.37		4,363.00	4,206.32
	Sipat Unit 2	MU	2,068.00	172.33	210.60		2,068.00	2,189.32
	Mouda	MU	-	-	91.740		-	669.56
	Kakrapar	MU	1,050.00	87.50	15.19		1,050.00	608.49
	Tarapur 1 & 2	MU	1,200.00	100.00	54.15		1,200.00	587.98
	Tarapur 3 & 4	MU	3,300.00	275.00	294.83		3,300.00	3,352.06
	RCPL	MU	-	-	-		-	-
	Sardar Sarovar	MU	1,200.00	100.00	11.29		1,200.00	565.68
	Pench	MU	130.00	10.83	3.89		130.00	118.30
	HYDRO PLANT		120.00	10.00	4.33		120.00	96.27
	Dodson - I	MU	56.00	4.67	1.030		56.00	49.44
	Dodson - II	MU	64.00	5.33	3.305		64.00	46.83
	Renewables	MU	13,195.00	1,099.58	858.54		13,195.00	9,465.96
	CPP	MU	1,977.00	164.75	74.48		1,977.00	832.34
	Wind Purchase & Bio.mass Banogase	MU	-	-	711.315		11,218.00	8,091.77
	Solar	MU	11,218.00	934.83	58.568		-	390.81
	MSW	MU	-	-	0.000		-	0.26
	Other Hydro	MU	-	-	14.17		-	150.78
	Other Purchases	MU	30,491.00	2,540.92	3,117.48		30,491.00	32,697.59
	IPP JSW	MU	1,913.00	159.42	199.89		1,913.00	1,805.19
	Mundra UMPP CGPI	MU	5,158.00	429.83	449.84		5,158.00	4,717.22
	Adani Power 1320	MU	8,511.00	709.25	859.63		8,511.00	9,317.46
	Adani Power 1200	MU	8,220.00	685.00	858.96		8,220.00	8,811.79
	Adani Power 125	MU	-	-	89.47		-	917.89
	Emco Energy	MU	1,370.00	114.17	125.04		1,370.00	1,498.38
	INDIABULL/RattanIndia	MU	5,319.00	443.25	534.65		5,319.00	5,629.66
	Traders	MU	-	-	1,266.92		-	17,709.93
	IEX power	MU	-	-	1.00		-	728.59
	Sai Wardha Power	MU	-	-	-		-	289.90
	MSPGCL Infirm	MU	-	-	-		-	365.68
	PXIL	MU	-	-	-		-	254.93
	bhusawal		-	-	182.97		-	1,536.32
	koradi		-	-	0.05692		-	1,598.17
	nashik		-	-	306.77		-	3,869.69
	Parli		-	-	-		-	378.67
	uran		-	-	328.33		-	2,801.26
	parli 6 7		-	-	-		-	767.21
	Bhusawal unit 4&5		-	-	447.800		-	5,966.04
	Inter state (grid) Losses	MU	(1,152.00)	(96.00)	(96.00)		(1,056.00)	(1,178.17)
	Unscheduled Interchange (UI)	MU	-	-	-		-	-
	Subtotal	MU	110,458.00	9,204.83	9,878.58		110,554.00	113,994.25
3.0	Energy Available	MU						
3.2	Net Generation + Net Power Purchase (क.क.प.प.)	MU	110,458.00	9,204.83	9,974.58	Inter state (Grid) losses 96.00	110,554.00	116,018.97
3.3	Net Energy Available at transmission voltage	MU	110,458.00	9,204.83	10,014.61		110,458.00	116,368.05
3.4	Net Energy Available at distribution voltage	MU	106161	8,846.75	10,014.36		106,161.00	2.00
Note:	1. All the parameters and power purchase has been considered as per MYT order for FY2015-16 of MSSEDCL dt 26.6.15							
	2. Power purchase have been considered as per Audited Power Purchsed statement							
	3. order figure for interstate loss is taken, since the relevant data was not received so far.							

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.** FAC For MAR 2016  
**Prakashgad, Bandra (E), Mumbai.**

Title **Form 4: Losses**

Sr. No.	Parameter	Unit	ORDER FY 15-16	Mar-16		Cumulative upto Month & Year	
				Order	Actual	Order	Actual
(A)	(B)	(C)	(D)	(E)	(F)	(I)	(J)
1.0	Transmission and Stepdown Loss <sup>1</sup>						
1.1	Net Energy Input at transmission voltages (Net Generation + Net Purchase) *	MU	110,458.00	9,204.83	10015	110,137.83	116368
1.2	Energy Sales at transmission voltages	MU	-	-	0	-	0
1.3	Energy fed to Distribution System	MU	106161	8847	10014	105,790.01	115020
1.4	Transmission and Stepdown Loss (1.1 - 1.2 - 1.3)	MU	4297	358	0	4347.83	1347.86
1.5	Transmission and Stepdown Loss as % of Net Energy Input (1.4 / 1.1)	%	3.89%	3.89%	0.00%	3.95%	1.16%
2.0	Distribution Loss <sup>1</sup>						
2.1	Net Energy Input (input from Transmission System + net energy input at distribution voltages)	MU	106,608.00	8,884.00	10014.36	106,247.01	115076
2.2	Energy Sales (Metered) at distribution voltages	MU	83234	6936	7380.28	82,243.44	86378.12
2.3	Estimated Consumption for Unmetered Categories	MU	8982	749	1034.14	9,265.06	12003.23
2.4	Distribution Loss (2.1 - 2.2 - 2.3)	MU	14392	1199	1599.95	14,738.51	16,694.99
2.5	Distribution Loss as % of net energy input (2.4 / 2.1)	%	13.50%	13.50%	15.98%	13.87%	14.51%
3.0	Transmission and Distribution (T&D) Loss						
3.1	Net Energy Input (i.e. Net Generation + Net Power Purchase)	MU	110,458.00	9,204.83	10014.61	110,137.83	116368
3.2	Energy Sales (Metered + Unmetered) (1.2+2.2+2.3)	MU	92216.00	7,684.67	8414.42	91,508.50	98381
3.3	T&D Loss (3.1 - 3.2)	MU	18242.00	1,520.17	1600.20	18,629.33	17986.70
3.4	T&D Loss as % of Net Energy Input (3.3 / 3.1)	%	16.51%	16.51%	15.98%	16.91%	15.46%
4.0	Excess T&D Loss = T&D Loss (3.3) - T&Dapp x Net Energy Input (3.1)	MU			100.9270408		

Note: Excess T&D loss computed on cumulative distribution loss only.



**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.**  
Prakashgad, Bandra (E), Mumbai.

FAC For MAR 2016

Title <b>Form 5: Power Purchase Cost</b>																			
Sr. No.	Power Purchase Source2	ORDER FY 15-16			Order for Month & Year			42,430.0000									Cumulative Actual upto Month & Year		
		Net Purchase3	Var. Cost5	Var. Cost Amt4	Net Purchase3	Var. Cost5	Var. Cost Amt4	Net Purchase3	Tariff 6	PP Amt7	FAC Unit8	FAC Amount	FAC Amt10	Var. Cost Amt4	Var. Cost5	Net Purchase3	Var. Cost Amt4	Var. Cost5	
		MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs Lakh	Rs Lakh	Rs Lakh	MU	Rs Lakh	Rs/ kWh		
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K) = (I)*(J)	(L)	(M)	(N) = (L)*(M)	(O) = (K)+(N)	(P)	(O)	(R)	(S)=(R)/(O)	
	Adani infirm							-	-	-	-	-	-	-		-	-	#DIV/0!	
	AEL							-	-	-	-	-	-	-		-	-	#DIV/0!	
	Indrajeet power							-	-	-	-	-	-	-		-	-	#DIV/0!	
	IDEAL Energy							-	-	-	-	-	-	-		-	-	#DIV/0!	
	Sai Wardha Power							-	-	-	-	-	-	-	289.8969	8,408.0289	2.9004		
	M/S KNOWLEDGE INFRA							-	-	-	-	-	-	-		-	-	#DIV/0!	
	MSPGCL Infirm							-	-	-	-	-	-	-	#DIV/0!	365.6800	23,380.7424	6.3938	
	PXIL							-	-	-	-	-	-	-	#DIV/0!	254.9349	7,599.0006	2.9808	
	bhusawal							182.9684	3.1528	5,768.6327	182.9684	-	-	5,768.6327	3.1528	1,832.8687	56,656.7072	3.0911	
	koradi							0.0569	3.0140	1.7156	0.0569	-	-	1.7156	3.0140	1,772.9239	56,862.5857	3.2073	
	nashik							306.7698	3.6388	11,162.8144	306.7698	-	-	11,162.8144	3.6388	4,232.7657	168,350.5852	3.9773	
	Parli							-	-	-	-	-	-	-	#DIV/0!	832.4721	33,331.2760	4.0039	
	uran							328.3255	2.5394	8,337.6063	328.3255	-	-	8,337.6063	2.5394	2,504.7165	67,246.8393	2.6848	
	parli 6 7							-	-	-	-	-	-	-	#DIV/0!	252.4866	7,933.2333		
	Bhusawal unit 4&5							447.7999	2.8105	12,585.4109	447.7999	-	-	12,585.4109	2.8105	4,912.0931	139,455.8807		
	-							-	-	-	-	-	-	-	#DIV/0!	-	-		
	Kawas - APM							20.3467	2.7618	561.9363	20.3467	-	-	561.9363	2.7618	296.2352	9,839.7973	3.0103	
	Gandhar - APM							30.2329	2.6891	812.9958	30.2329	-	-	812.9958	2.6891	251.2980	8,256.6927		
	Mouda							91.7402	2.7068	2,483.2372	91.7402	-	-	2,483.2372	2.7068	623.3780	20,335.9417	3.1042	
	Adani Power 125							89.4749	2.4140	2,159.9275	89.4749	-	-	2,159.9275	2.4140	917.8943	22,514.0774	2.6842	
	Inter state (grid) Losses							(96.0000)	-	-	(96.0000)	-	-	-	-	(1,178.1667)	-	-	
	Unscheduled Interchange (UI)							-	-	-	-	-	-	-		-	-	#DIV/0!	
	Total Power Purchase	106,998.0000	2.2241	2,379,769.6029	8,916.5000	2.2241	198,314.1336	9,685.4912	2.6916	260,692.2699	9,685.4912	-	-	260,692.2699	2.6916	103,904.7510	2,708,132.8816	2.6064	

Table 6.1  
Title Composite variable cost of generation and power purchase

Sr. No.	Parameter	ORDER FY 15-16			Order for Month & Year			Mar-16			Normative Actual <sup>1</sup> for Month & Year			Cumulative Actual upto Month & Year		
		Energy	Var. Cost <sup>2</sup>	Var. Cost Amt <sup>3</sup>	Energy	Var. Cost <sup>2</sup>	Var. Cost Amt <sup>3</sup>	Energy	Var. Cost <sup>2</sup>	Var. Cost Amt <sup>3</sup>	Energy	Var. Cost <sup>2</sup>	Var. Cost Amt <sup>3</sup>	Unit	Var. Cost <sup>2</sup>	Var. Cost Amt <sup>3</sup>
(A)	(B)	MU (C)	Rs/ kWh (D)	Rs Lakh (E)	MU (F)	Rs/ kWh (G)	Rs Lakh (H)	MU (I)	Rs/ kWh (J)	Rs Lakh (K)	MU (L)	Rs/ kWh (M)	Rs Lakh (N)	MU (O)	Rs/ kWh (P)	Rs Lakh (Q)
3.0	Net Power Purchase (Table No. 4.1)	106,998.00	2.22	2,379,769.60	8,916.50	2.22	198,314.13	9,685.49	2.6916	260,692.27	9,685.49	2.6916	260,692.27	103,904.75	2.61	2,708,132.88
4.0	Own Generation + Net Power Purchase (1.0-2.0+3.0)	106,998.00	2.22	2,379,769.60	8,916.50	2.224125	198,314.13	9,685.49	2.69	260,692.27	9,685.49	2.69158	260,692.27	103,904.75	2.61	2,708,132.88

Notes

1 - Please report generation and variable cost based on Gross generation if the Tariff Order has approved the variable cost with reference to Gross generation.

Form 6.2

7

Title Change in variable cost of generation and power purchase (C) - Format 1

Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Weighted Average variable cost of generation and power purchase considered by the Commission for Month & Year (Table No.6.1 Sr. No.4.0, Col. No. (G))	Rs/kWh	2.22
2.0	Weighted Average Normative Actual variable cost of generation and power purchase for Month & Year (Table No.6.1 Sr. No.4.0, Col. No. (M))	Rs/kWh	2.69
3.0	Change in variable cost of generation and power purchase (2.0-1.0)	Rs/kWh	0.47
4.0	Generation <sup>1</sup> + Net Power Purchase (Table No.6.1 Sr. No.4.0, Col. No. (L))	MU	9,685.49
5.0	Change in variable cost of generation and power purchase (3.0 x 4.0)	Rs Lakh	45,274.81



FORM 8

Title Apportionment of change in variable cost of generation and power purchase (C) to License Area

Sr. No.	Parameter	Unit	Sale within License Area	Sale outside License Area	Total
(A)	(B)	(C)	(D)	(E)	(F) = (D) + (E)
1	Energy Sales (Table 1.1, Sr. No. 5.0)	MU			-
2	Apportionment of Generation and Power purchase		<b>NOT APPLICABLE</b>		
2.1	Apportionment of hydel generation <sup>1</sup>	MU			-
2.2	Apportionment of net thermal generation and power purchase <sup>2&amp;3</sup> (Table 3.3, Sr. No. 5.0)	MU			-
2.3	Apportionment of generation and power purchase (2.2 + 2.3)	MU			-
3	Apportionment of change in variable cost of generation and power purchase (Table 6.2, Sr. No. 5.0) in proportion of 2.2 above	Rs Crore			-

Title      **Form 9: Adjustment for over-recovery/under-recovery**

Sr. No. (A)	Parameter (B)	Unit (C)	Value (D)
1.0	Adjustment for over-recovery/under-recovery ('B')		
1.1	Incremental cost allowed to be recovered in Month	Rs Lakh	49,762.54
	Incremental cost actually recovered in month	Rs Lakh	63,650
1.3	under recovery /over recovery	Rs Lakh	(13,887.02)
2.0	C/F DUE TO LEFT OUT OF FAC for Feb 16	Rs Lakh	7,780.73
	Adjustment factor for over-recovery/under-recovery	Rs Lakh	(6,106.29)
Over/under recovery is charged catagorywise and slabwise in 8.3 statement so it is not considered here in calculating FAC p/u			

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD** MAC For MAR 2016  
**Prakashgad, Bandra (E), Mumbai.**

Title **Form 10: Carrying cost for over-recovery/under-recovery**

Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Adjustment factor for over-recovery/under-recovery (Sr. No. 3 of Form 9)	Rs Lakh	(13,887.02)
2.0	Interest rate	%	14.45%
3.0	Carrying cost for over-recovery/under-recovery	Rs Lakh	(334.45)

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. For MAR 2016**  
**Prakashgad, Bandra (E), Mumbai.**

Form 11: Total Fuel Cost and Power Purchase Adjustment  
 Title Total Fuel Cost and Power Purchase Adjustment

Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Change in Fuel cost and power purchase cost attributable to Sales within the License Area (F)	Rs Lakh	45,274.81
2.0	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	(334.45)
3.0	Adjustment factor for over-recovery/under-recovery (B)	Rs Lakh	(6,106.29)
4.0	$Z_{FAC} = F+C+B$	Rs Lakh	38,834.07
5.0	Any unpredictable and uncontrollable expenses incurred (Z) <sup>1</sup>	Rs Lakh	0
6.0	FOCA (A) = C + I + B + Z	Rs Lakh	38,834.07

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC For MAR 2016**  
**Prakashgad, Bandra (E), Mumbai.**

Title Calculation of per unit FAC/FOCA Charge

Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Energy Sales within the License Area	MU	7,346.22
2.0	Estimated Consumption within License Area (Table 1.2)	MU	1,034.14
3.0	Excess Distribution Loss	MU	100.93
4.0	Z <sub>FAC</sub>	Rs Lakh	38,834.07
5.0	Z <sub>FAC</sub> per kWh	Paise/kWh	45.79
6.0	Cap on monthly FAC/FOCA Charge	Rs/kWh	N.A.
6.1	Cap at 20% of the variable component of tariff <sup>2</sup>	Paise/kWh	N.A.
6.2	Cap at increase in CPI for a similar period	Paise/kWh	
6.3	Cap as lower of 6.1 and 6.2	Paise/kWh	-
7.0	FAC Charge (FAC <sub>kWh</sub> )	Rs/kWh	0.457879

1 As per Regulation 82.6 of Maharashtra Electricity Regulatory Commission Regulations 2005 (Tariff Regulations), the monthly cap on FAC Charge is taken as 20% of variable component of tariff of that tariff category/sub-category/consumption slab.

2 Round off FAC/FOCA Charge to 1 decimal

3 Variable component of tariff = Total estimated revenue from energy charges in the Tariff Order / Total energy sales projected in Tariff Order

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC For MAR 2016**  
**Prakashgad, Bandra (E), Mumbai.**

**Form 13: Calculation of FAC Charge for unmetered categories**

Title Calculation of FAC Charge ( $FAC_{kWh}$ ) for Unmetered categories

Sr. No.	Unmetered Consumer Category	Consumption Norm hrs/HP/year	FAC Charge <sup>1</sup> Rs/HP/ month	Load HP	Estimated Recovery Rs Lakh
(A)	(B)	(C)	(D) = $(C)/12*0.746*FA_{C_{kWh}}^2$	(E)	(F)
	LT-AG ( > 1318 Hours per year)	1,734.33	28.90		-
	LT-AG ( < 1318 Hours per year)	980.00	16.33		-
	Total				

Notes:

1 Round off FOCA Charge to 1 decimal

2 Consider  $FOCA_{kWh}$  as per Table 7.1, Sr. No. 7.0

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.** For MAR 2016  
**Prakashgad, Bandra (E), Mumbai.**

<b>Form 14: Recovery of FAC Charge</b>			
Title	Recovery of FAC/FOCA Charge		
Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Allowable FAC	Rs Lakh	38834.07
2.0	FAC disallowed corresponding to excess Distribution Loss	Rs Lakh	0.00
3.0	Total FAC based on category wise and slab wise allowed to be recovered in the billing month of ____	Rs Lakh	0.00
	Carried forward FAC for recovery during future period (1-3-4)	Rs Lakh	0.00

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD** DAC For MAR 2016  
**Prakashgad, Bandra (E), Mumbai.**

Form 15: Summary

Title Summary of FAC (A) and FAC<sub>kWh</sub>

Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	<b>Calculation of Z<sub>FAC</sub></b>		
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs Lakh	45,274.81
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	(334.45)
1.3	Adjustment factor for over-recovery/under-recovery (B)		(6,106.29)
1.4	<b>Z<sub>FAC</sub> = F+C+B</b>	Rs Lakh	38,834.07
2.0	<b>Calculation of FAC Charge</b>		
2.1	Energy Sales within the License Area	MU	8,380.36
2.2	Excess Distribution Loss	MU	100.93
2.3	FAC Charge (FAC <sub>kWh</sub> ) without considering cap on monthly FAC Charge	Paise/kWh	45.79
2.4	Z <sub>FAC</sub> per kWh	Paise/kWh	45.79
2.5	FAC Charge (FAC <sub>kWh</sub> ) considering cap on monthly FAC Charge	Rs/kWh	0.4579
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	38,371.95
3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	462.12
3.3	FAC (A) charged as per 8.3 categorywise and slabwise 1	Rs Lakh	32,749.27
3.4	C/f from Previous month 2.	Rs Lakh	-
3.5	Under/over recovery from 6.6 statement 3.	Rs Lakh	-
3.6	Total FAC to be charged in current month 4 = (1+2+3)	Rs Lakh	37,013.96
3.7	Actual FAC charged in current month categorywise and slabwise 5.	Rs Lakh	37,013.96
3.8	Carried forward FAC (A) for recovery during future period (4-5)	Rs Lakh	0.00

Note:

- 1 As per Regulation 82.6 of Maharashtra Electricity Regulatory Commission Regulations 2005(Tariff Regulations), the monthly cap on FAC Charge is taken as 20% of variable component of tariff of that tariff category/sub-category/consumption slab.
- 2 The amount to be carried forward for recovery during future period is shown in the categorywise and slabwise computation of FAC vide Table 8.3
- 3 Total FAC to be charged in the current month is not tallied with actual FAC charged in the current month and C/F for the future period is only because of Un metered tariff is billed quarterly and its over/under recovery and C/f to future period is calculated quarterly



MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COLTD

FAC For MAR 2016

Sr. No.	Categories	ABR	energy charges	Average Cost of Supply	K-Factor-eng ch/ACoS	Actual FAC (Paise/Kwh)	Categoriesw/ use FAC WITHOUT CAP (paise/Kwh)	Categoriesw/ use FAC WITH CAP (paise/Kwh)	Monthly Sale in Mus/HP	RATE PER HP	FAC AMT WITHOUT CAP	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under Recovery	FAC amount with CAP	FAC TO BE CHARGED IN BILLING MONTH	C/F TO THE NEXT MONTH
<b>A</b>	<b>LT Category</b>															
1	Domestic (LT-I)															
	BPL (0-30 Units)	1.42	0.87	6.03	0.24	45.79	10.78	17.40	6.50		7.01	0.91	7.93	11.32	12.19	0.00
	B Consumption > 30 Units per month															
	i 1-100 Units	4.33	3.76	6.03	0.72	45.79	32.88	75.20	968.23		3183.45	414.56	3598.01	7281.06	37.16	0.00
	ii 101-300 Units	7.75	7.21	6.03	1.29	45.79	58.85	144.20	362.85		2135.32	278.07	2413.39	5232.30	66.51	0.00
	iii 301-500 Units	10.5	9.95	6.03	1.74	45.79	79.73	199.00	55.21		440.17	57.32	497.50	1098.64	90.11	0.00
	iv 501-1000 Units	11.87	11.31	6.03	1.97	45.79	90.13	226.20	36.05		324.89	42.31	367.19	815.34	101.87	0.00
	v Above 1000 Units	12.99	12.50	6.03	2.15	45.79	98.64	250.00	40.34		397.94	51.82	449.76	1008.59	111.48	0.00
	Sub Total Domestic															
2	Non Domestic (LT-2)															
	A 0-20 KW															
	a 0-200 Units	7.89	6.60	6.03	1.31	45.79	59.91	132.00	134.17		803.85	104.68	908.52	1771.07	67.71	0.00
	b Above 200 units	10.99	9.62	6.03	1.82	45.79	83.45	192.40	135.08		1127.25	146.79	1274.04	2598.92	94.32	0.00
	B >20-50 KW	12.43	10.20	6.03	2.06	45.79	94.39	204.00	56.79		535.98	69.80	605.77	1158.44	106.68	0.00
	>50 KW	15.07	13.01	6.03	2.50	45.79	114.43	260.20	33.45		382.77	49.85	432.62	870.37	129.33	0.00
	C Sub Total Non Dmestic (LT-2)															
3	Public Water Works (LT-III)															
	A 0-20 KW	3.04	2.70	6.03	0.50	45.79	23.08	54.00	46.82		108.08	14.07	122.16	252.84	26.09	0.00
	B 20-40 KW	4.16	3.80	6.03	0.69	45.79	31.59	76.00	5.84		18.44	2.40	20.84	44.35	35.70	0.00
	C 40-50 KW	5.37	5.00	6.03	0.89	45.79	40.78	100.00	4.35		17.73	2.31	20.04	43.49	46.09	0.00
	Sub Total PWW															
4	Agriculture (LT-IV)															
	A Unmetered Tariff															
	i Zones with Consumption norm < 1318 Hrs/HP/Annum															
	A) 0-5 HP	3.53	2.54	6.03	0.59	45.79	26.80	50.89	4204316.05	16.33	686.57	89.41	775.98	2139.59	16.33	0.00
	B) Above 5 HP	3.53	2.78	6.03	0.59	45.79	26.80	55.54		33.83	0.00	0.00	0.00	16.33	0.00	
	ii Zones with Consumption norm > 1318 Hrs/HP/Annum															
	A) 0-5 HP	3.53	4.12	6.03	0.59	45.79	26.80	82.37	4189983.51	28.90	1210.91	157.69	1368.59	3451.40	28.90	0.00
	B) Above 5 HP	3.53	4.47	6.03	0.59	45.79	26.80	89.41		96.40	0.00	0.00	0.00	28.90	0.00	
	B Metered Tariff PUMP SETS	2.81	2.58	6.03	0.47	45.79	21.34	51.60	1410.74		3010.14	391.99	3402.13	7279.41	24.12	0.00
	C Metered Tariff OTHER	4.17	3.60	6.03	0.69	45.79	31.66	72.00	10.91		34.53	4.50	39.03	78.52	35.79	0.00
	Sub Total Agriculture															
5	LT Industries (LT-V)															
	A Power Loom															
	0-20 KW	5.52	5.43	6.03	0.92	45.79	41.92	108.60	157.59		78.24	10.19	88.43	1711.41	5.61	0.00
	Above 20 KW	7.23	6.88	6.03	1.20	45.79	54.90	137.60	133.17		-44.58	-5.80	-50.38	1832.45	-3.78	0.00
	General															
	A 0-20 KW	5.83	5.51	6.03	0.97	45.79	44.27	110.20	186.11		823.88	107.29	931.16	2050.88	50.03	0.00
	B Above 20 KW	8.39	6.98	6.03	1.39	45.79	63.71	139.60	266.69		1699.04	221.25	1920.29	3723.00	72.00	0.00
6	Street Light (LT-VI)															
	A Grampanchayat A, B & C Class Municipal Council	4.89	4.78	6.03	0.81	45.79	37.13	95.60	118.32		439.36	57.21	496.57	1131.18	41.97	0.00
	B Municipal corporation Area	5.98	5.80	6.03	0.99	45.79	45.41	116.00	42.81		194.38	25.31	219.69	496.57	51.32	0.00
	Sub Total Street Light															
7	Temporary Connection (LT-VII)															
	A Temporary Connection (Religious)	4.51	3.71	6.03	0.75	45.79	34.25	74.20	0.158298		0.54	0.07	0.61	1.17	38.71	0.00
	B Temporary Connection (Other Purposes)	15.66	15.00	6.03	2.60	45.79	118.91	300.00	1.041308		12.38	1.61	13.99	31.24	134.40	0.00
	Sub Total Temporary															
8	Advertising and Hording (LT-VIII)	21.40	17.00	6.03	3.55	45.79	162.50	340.00	0.33		5.32	0.69	6.02	11.14	183.66	0.00
9	Crematorium & Burial (LT-IX)	4.12	3.91	6.03	0.68	45.79	31.28	78.20	0.14		0.43	0.06	0.49	1.08	35.36	0.00
10	Public Services (LT-X)															
	A Government															
	I <20 kw	6.31														
	0-200 units	5.59	4.54	6.03	0.93	45.79	42.45	90.80	0.66		2.80	0.36	3.16	5.98	47.97	0.00
	> 200 units	6.76	5.84	6.03	1.12	45.79	51.33	116.80	1.09		5.60	0.73	6.33	12.74	58.02	0.00
	II >20 -50 kw	8.13	6.50	6.03	1.35	45.79	61.73	130.00	0.45		2.79	0.36	3.16	5.88	69.77	0.00
	III >50 kw	8.67	7.20	6.03	1.44	45.79	65.83	144.00	0.49		3.23	0.42	3.65	7.07	74.41	0.00
	B others	7.90														
	0-20 KW	7.30														
	0-200 Units	5.97	4.92	6.03	0.99	45.79	45.33	98.40	5.11		23.15	3.01	26.16	50.25	51.24	0.00
	Above 200 units	8.14	7.22	6.03	1.35	45.79	61.81	144.40	10.44		64.55	8.41	72.96	150.81	69.86	0.00
	>20-50 KW	8.95	7.32	6.03	1.48	45.79	67.96	146.40	4.96		33.71	4.39	38.10	72.62	76.81	0.00
	>50 KW	9.15	7.68	6.03	1.52	45.79	69.48	153.60	4.91		34.15	4.45	38.59	75.49	78.53	0.00
	Total LT Category							8398541.35			17804.012	2318.481	20122.493	46506.606		0.000

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD

FAC For MAR 2016

Sr. No.	Categories	ABR	energy charges	Average Cost of Supply	K - Factor=eng ch/ACoS	Actual FAC without CAP (Paise/Kwh)	Categories wise FAC WITHOUT CAP (paise/Kwh)	Categories wise FAC WITH CAP (paise/Kwh)	Montly Sale in Mus/HP	RATE PER HP	FAC AMT WITHOUT CAP	Adjustment of Under Recovery	FAC Without CAP After Adjustment of Under Recovery	FAC amount with CAP	FAC TO BE CHARGED IN BILLING MONTH	C/F TO THE NEXT MONTH
HT Category		RS/KWH														
		IN LAKHS		IN LAKHS		PAISA/KWH										
HT-I - Industries																
A	HT-I - Cont (Express Feeders)	8.23	7.21	6.03	1.36	45.79	62.49	144.20	719.60		4496.99	585.61	5082.60	10376.56	70.63	0.00
B	HT-I - NonCont (Non Express Feeders)	7.69	6.71	6.03	1.28	45.79	58.39	134.20	1180.39		6892.63	897.57	7790.20	15840.80	66.00	0.00
C	HT-I - Seasonal Category	10.47	7.80	6.03	1.74	45.79	79.50	156.00	8.35		66.36	8.64	75.00	130.21	89.86	0.00
2 HT-II Commercial																
a	Express Feeder	12.95	11.15	6.03	2.15	45.79	98.33	223.00	67.20		660.85	86.06	746.90	1498.66	111.14	0.00
b	Non-Express Feeder	11.94	10.62	6.03	1.98	45.79	90.66	212.40	122.70		1112.49	144.87	1257.36	2606.22	102.47	0.00
Total HT II Commercial																
3 HT-III Railways																
		8.46	8.46	6.03	1.40	45.79	64.24	169.20	6.44		41.34	5.38	46.72	108.89	72.61	0.00
4 HT-IV Public Water Works (PWW)																
A	Express Feeders	6.19	5.64	6.03	1.03	45.79	47.00	112.80	109.03		512.46	66.73	579.19	1229.83	53.12	0.00
B	Non-Express Feeders	6.56	5.42	6.03	1.09	45.79	49.81	108.40	18.93		94.30	12.28	106.58	205.21	56.30	0.00
Total HT-IV Public Water Works (PWW)																
5 HT-V Agricultural																
		3.56	3.32	6.03	0.59	45.79	27.03	66.40	118.88		321.37	41.85	363.22	789.39	30.55	0.00
6 HT-VI Bulk Supply																
A	Residential Complex	6.90	5.81	6.03	1.14	45.79	52.39	116.20	20.56		107.73	14.03	121.76	238.93	59.22	0.00
B	Commercial Complex															
Total HT-VI Bulk Supply																
7																
8 Temporary Supply																
	religious		3.71	6.03	0.00	45.79	0.00	74.20			0.00	0.00	0.00	0.00		0.00
	other	16.39	12.50	6.03	2.72	45.79	124.46	250.00	0.25		3.15	0.41	3.56	6.33	140.66	0.00
9 Public services( HT IX)																
A Government																
	Express Feeders	7.91	7.20	6.03	1.31	45.79	60.06	144.00	10.29		61.79	8.05	69.84	148.14	67.89	0.00
	Non-Express Feeders	7.71	6.60	6.03	1.28	45.79	58.54	132.00	7.29		42.70	5.56	48.26	96.27	66.17	0.00
B Others																
	Express Feeders	9.60	8.89	6.03	1.59	45.79	72.90	177.80	30.98		225.81	29.40	255.21	550.76	82.39	0.00
	Non-Express Feeders	9.52	8.41	6.03	1.58	45.79	72.29	168.20	33.86		244.79	31.88	276.66	569.56	81.70	0.00
	HT X Port	11.32	10.91	6.03	1.88	45.79	85.96	218.20	7.04		60.51	7.88	68.39	153.61	97.15	0.00
	MSPGCL Aux supply															
	HT XI METRO MONO RAL		8.46													
TOTAL HT Category																
TOTAL LT Category																
GRAND TOTAL																
Actual FAC to Be levied																
diff c/f in next month																
FAC to be Charged																
C/F due to Formula Error																
Power Loom Refund 2nd instalment																