

Title <b>Form 1: Energy Sales - Metered</b>							
Sr. No.	Consumer Category	Unit	ORDER FY 15-	Oct-15		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	6.98	83.25	45.82
	Other Domestic	MU	18,019.00	1,501.58	1,642.38	9,996.58	11,885.06
	LT II - Commercial	MU	4,011.00	334.25	364.93	2,330.92	2,652.25
	LT III - Pub Water Works	MU	661.00	55.08	54.58	365.25	384.61
	LT IV - Agriculture	MU	13,461.00	1,121.75	1,133.64	7,385.42	8,005.27
	LT V - Industrial & Power Loom	MU	6,286.00	523.83	660.26	3,510.33	4,685.00
	Bhivandi Franchisee	MU	-	-	-	-	-
	<u>LT VI - Streetlight</u>						
	Grampanchayat & Municipal Council	MU	1,222.00	101.83		647.67	914.39
	Municipal Corporation Areas	MU	411.00	34.25	134.48	171.25	-
	<u>LT VII - Temporary</u>						
	Temporary Connections (Religious)	MU	2.00	0.17		12.17	11.10
	Temporary Connections (Other Purpose)	MU	16.00	1.33	2.52	6.67	-
	LT VIII - Advt & Hoardings	MU	3.00	0.25	0.287024	1.92	1.86
	LTIX - Crematoriums	MU	2.00	0.17	0.14	1.17	0.82
	LTX - Public Services	MU				0.00	48.73
	<u>A Government</u>						
	I <20 kw						
	0-200 units	MU	5.00	0.42	0.11	2.08	0.38
	> 200 units	MU	7.00	0.58	0.18	2.92	0.88
	II >20 -50 kw	MU	3.00	0.25	0.30	1.25	0.95
	III >50 kw	MU	3.00	0.25	0.37	1.25	1.30
	<u>B others</u>					0.00	0.00
	I <20 kw					0.00	0.00
	0-200 units	MU	41.00	3.42	5.65	17.08	27.23
	> 200 units	MU	64.00	5.33	11.87	26.67	55.22
	II >20 -50 kw	MU	27.00	2.25	4.82	11.25	23.40
	III >50 kw	MU	29.00	2.42	4.85	12.08	23.24
	Prepaid	MU	14.00	1.17	1.25	5.83	5.71
	LT Total A		44,400.00	3,700.00	4,029.61	24,593.00	28,773.23
	<u>HT - Categories</u>						
	<u>HT I - Industries</u>						
	Continuous	MU	13,167.00	1,097.25	845.31	15,629.82	13,847.74
	Non-Continuous		13,030.00	1,085.83	1,128.42		
	Seasonal Industry	MU	166.00	13.83	5.04	93.87	23.39
	HT II - Commercial	MU	2,206.00	183.83	186.21	1,275.87	1,334.24
	HT III - Railways	MU	1,505.00	125.42	125.01	870.45	868.64
	<u>HT IV - Water Works</u>						
	Express Feeders	MU	1,154.00	96.17	128.51	642.37	935.19
	Non-Express Feeders		239.00	19.92	19.12	136.12	134.80
	HT V - Agriculture (Includes Poultry)	MU	871.00	72.58	79.64	482.02	577.56
	<u>HT VI - Bulk Supply</u>						
	Residential (Group Housing)	MU	217.00	18.08	20.04	145.12	143.52
	HT VIII-B Temporary supply others	MU	4.00	0.33	0.70	1.67	2.63
	<u>HT IX Pub Service</u>						
	A Government						
	Express Feeders	MU	23.00	1.92	10.15	9.58	53.51
	Non-Express Feeders	MU	21.00	1.75	5.95	8.75	27.15
	<u>B Others</u>						
	Express Feeders	MU	437.00	36.42	31.69	182.08	152.08
	Non-Express Feeders	MU	402.00	33.50	33.63	167.50	157.11
	HT X Port	MU	86.00	7.17	5.54	35.83	36.08
	MSPGCL Aux supply	MU	56.00	4.67	15.95	23.33	50.07
	Other	MU			549.85	-	3,522.69
	HT Total B	MU	33,584.00	2,798.67	3,190.77	19,704.37	22,025.05
	Total Sale (LT+HT)	MU	77,984.00	6,498.67	7,220.38	44,297.37	50,798.28

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			Oct-15				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		530.82		2880	3937
	Bhandup (U)		1,474.00				0.00000		0	0
	Nasik		1,521.00				172.84		503	1321
	Pune		2,208.00				21.91		240	172
	Jalgaon						143.19		0	1019
	Baramati						192.90		0	1425
1.1	Unmetered Hrs<1318		980.00	3852	321		359.27		2643	2518
	Amravati		922.00	484			64.13		96	479
	Aurangabad		1,224.00	1130			83.88		224	522
	Kalyan		1,300.00	30			0.02		6	0
	Konkan		533.00	0			0.00		0	0
	Kolhapur		1,198.00	1814			20.56		359	134
	Latur		1,241.00	1567			108.14		311	911
	Nagpur (U)		644.00	68			2.53		13	15
	Nagpur		778.00	141			0.000		28	0
	Nanded						80.01		0	457
1.2	LT-Unmetered PWW			0					0	0
	Total	0	2,714.33	8982	748.50		890.09		5523	6455

\* 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	Oct-15			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			370.25	339.97
	Koradi 9	MU	1,781.00	148.42			445.25	-
	Koradi 8	MU	2,962.00	246.83			740.50	-
	Chandrapur 8	MU	2,170.00	180.83	-		542.50	-
	Chandrapur 9	MU	1,562.00	130.17	-		390.50	-
	Paras 3 and 4	MU	3,125.00	260.42	284.33320		781.25	1,833.25
	khaperkheda	MU	5,330.00	444.17	354.014214		1,332.50	2,366.53
	parli 8	MU	451.00	37.58				
	khaperkheda 5	MU	3,072.00	256.00	282.545883		768.00	1,803.34
	Chandrapur	MU	11,562.00	963.50	1053.83105		2,890.50	6,584.84
3430.3	Hydel Stations	MU	4,612.00	384.33	333.75506		2,306.00	2,566.59
	Subtotal	MU	38,108.00	3,175.67	2,308.48		10,567.25	15,494.52
2.0	Net Power Purchase <sup>2</sup>	MU						
	Central Gen Stns		29,696.00	2,474.67	2,752.74		7,424.00	17,433.38
	Korba	MU	4,661.00	388.42	420.36		1,165.25	2,877.50
	Korba III	MU	936.00	78.00	93.44		234.00	534.80
	Vindhyanchal - I	MU	3,268.00	272.33	260.45		817.00	1,726.95
	Vindhyanchal - II	MU	2,548.00	212.33	241.56		637.00	1,339.58
	Vindhyanchal-III	MU	2,123.00	176.92	199.53		530.75	1,265.87
	Vindhyanchal-IV	MU	2,292.00	191.00	224.68		573.00	1,478.63
	Vindhyanchal-V	MU	557.00	46.42	3.29		139.25	3.29
	Kawas - APM	MU	-	-	58.44		-	256.95
	Gandhar - APM	MU	-	-	70.50		-	203.11
	Farrakka	MU	-	-	-		-	-
	Talcher	MU	-	-	-		-	-
	Kahalgaon	MU	-	-	-		-	-
	Kahalgaon II unit	MU	-	-	88.81		-	507.79
	Sipat - Unit 1	MU	4,363.00	363.58	283.23		1,090.75	2,271.54
	Sipat Unit 2	MU	2,068.00	172.33	205.89		517.00	1,236.75
	Mouda	MU	-	-	162.126		-	492.85
	Kakrapar	MU	1,050.00	87.50	49.48		262.50	400.95
	Tarapur 1 & 2	MU	1,200.00	100.00	54.94		300.00	323.10
	Tarapur 3 & 4	MU	3,300.00	275.00	287.73		825.00	1,964.76
	RGPP -	MU	-	-	-		-	-
	Sardar Sarovar	MU	1,200.00	100.00	25.37		300.00	482.02
	Pench	MU	130.00	10.83	22.89		32.50	66.94

Form 3: Energy Availability								
Sr. No.	Source of Generation/Power Purchase	Unit	ORDER FY 15-16	Oct-15			Cumulative upto Month & Year	
			Order	Order	Actual	Reasons for material variation	Order	Actual
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	HYDRO PLANT		120.00	10.00	14.40		30.00	64.67
	Dodson - I	MU	56.00	4.67	9.805		14.00	32.58
	Dodson - II	MU	64.00	5.33	4.593		16.00	32.09
	Renewables	MU	13,195.00	1,099.58	300.53		3,298.75	5,317.58
	CPP	MU	1,977.00	164.75	72.27		494.25	495.97
	Wind Purchase & Bio mass Bannase	MU			192.797		2,804.50	4,545.58
	Solar	MU	11,218.00	934.83	20.849		-	186.79
	MSW	MU			0.016		-	0.24
	Other Hydro	MU			14.59		-	89.00
	Other Purchases	MU	30,491.00	2,540.92	3,208.82		3,895.50	9,138.47
	IPP JSW	MU	1,913.00	159.42	214.64		478.25	908.43
	Mundra UMPP CGPI	MU	5,158.00	429.83	468.14		1,289.50	2,839.22
	Adani Power 1320	MU	8,511.00	709.25	879.57		2,127.75	5,390.82
	Adani Power 1200	MU	8,220.00	685.00	774.93			5,285.42
	Adani Power 125	MU	-	-	80.72			550.57
	Emco Energy	MU	1,370.00	114.17	147.74			883.45
	INDIABULL/RattanIndia	MU	5,319.00	443.25	643.08		1,329.75	2,696.68
	Traders	MU	-	-	1,938.41		-	10,487.06
	IEX power	MU	-	-	224.46		-	702.34
	PTC	MU	-	-	-		-	-
	Adani infirm	MU	-	-	-		-	-
	AEL	MU	-	-	-		-	-
	Indrajeet power	MU	-	-	-		-	-
	IDEAL Energy	MU	-	-	-		-	-
	Sai Wardha Power	MU	-	-	-		-	289.90
	M/S KNOWLEDGE INFRA	MU	-	-	-		-	-
	MSPGCL Infirm	MU	-	-	130.96		-	362.63
	PXIL	MU	-	-	72.67		-	245.43
	bhusawal		-	-	85.24		-	522.55
	koradi		-	-	173.26932		-	1,102.33
	nashik		-	-	353.67		-	2,287.54
	Parli		-	-	-1.238		-	382.90
	uran		-	-	257.67		-	1,378.54
	parli 6 7		-	-	(1.63)		-	771.02
	Bhusawal unit 4&5		-	-	643.330		-	3,419.39
	Inter state (grid) losses	MU	(1,152.00)	(96.00)	(96.00)		(288.00)	(698.17)
	Unscheduled Interchange (UI)	MU	-	-	-		-	-
	Subtotal	MU	110,458.00	9,204.83	10,427.37	10,222.84	24,927.50	57,237.52
						1,700.83		
3.0	Energy Available	MU						
3.2	Net Generation + Net Power Purchase (16,420)	MU	110,458.00	9,204.83	10,523.37	Inter state (Grid) losses 96.00	24,927.50	67,858.37
3.3	Net Energy Available at transmission voltage	MU	110,458.00	9,204.83	10,544.67		27,614.50	68,061.03
3.4	Net Energy Available at distribution voltage	MU	106161	8,846.75	10,422.54		26,540.25	67,354.75
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 Purchased 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 October 2015  
**Prakashgad, Bandra (E), Mumbai.**

Title **Form 4: Losses**

Sr. No.	Parameter	Unit	ORDER FY 15-16	Oct-15		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	10545	64,113.67	68061
1.2	Energy Sales at transmission voltages	MU	-	-	0	-	0
1.3	Energy fed to Distribution System	MU	106161	8847	10423	61,556.26	67355
1.4	Transmission and Stepdown Loss (1.1 - 1.2 - 1.3)	MU	4297	358	122	2557.41	706.27
1.5	Transmission and Stepdown Loss as % of Net Energy Input (1.4 / 1.1)	%	3.89%	3.89%	1.16%	3.99%	1.04%
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	10422.54	61,827.01	67359
2.2	Energy Sales (Metered) at distribution voltages	MU	83234	6936	7220.38	47,562.61	50795.78
2.3	Estimated Consumption for Unmetered Categories	MU	8982	749	890.09	5,522.56	6365.37
2.4	Distribution Loss (2.1 - 2.2 - 2.3)	MU	14392	1199	2312.07	8,741.84	10,197.85
2.5	Distribution Loss as % of net energy input (2.4 / 2.1)	%	13.50%	13.50%	22.18%	14.14%	15.14%
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	10544.67	64,113.67	68061
3.2	Energy Sales (Metered + Unmetered) (1.2+2.2+2.3)	MU	92216.00	7,684.67	8110.47	53,085.17	57161
3.3	T&D Loss (3.1 - 3.2)	MU	18242.00	1,520.17	2434.20	11,028.50	10899.88
3.4	T&D Loss as % of Net Energy Input (3.3 / 3.1)	%	16.51%	16.51%	23.08%	17.20%	16.01%
4.0	Excess T&D Loss = T&D Loss (3.3) - T&Dapp x Net Energy Input (3.1)	MU			170.8911964		

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

Title Form 5: Power Purchase Cost										
Sr. No.	Power Purchase Source <sup>2</sup>	ORDER FY 15-16			Order for Month & Year			Oct-15		
		Net Purchase <sup>3</sup>	Var. Cost <sup>4</sup>	Var. Cost Amt <sup>4</sup>	Net Purchase <sup>3</sup>	Var. Cost <sup>5</sup>	Var. Cost Amt <sup>4</sup>	Net Purchase <sup>3</sup>	Tariff <sup>6</sup>	PP Amt <sup>7</sup>
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K) = (I)*(J)
		MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh
	MSPGCL									
	Koradi 10	1481	1.25	18,512.50	123.42	1.25	1542.71	-		
	Koradi 9	1781	1.25	22,262.50	148.42	1.25	1855.21	-		0.00
	Koradi 8	2962	1.25	37,025.00	246.83	1.25	3085.42	-		0.00
	Chandrapur 8	2170	1.26	27,342.00	180.83	1.26	2278.50	-		0.00
	Chandrapur 9	1562	1.26	19,681.20	130.17	1.26	1640.10	-		0.00
	Paras 3 and 4	3125	1.87	58,574.38	260.42	1.87	4881.20	284.333	2.369077	6736.07
	khaperkheda	5330	2.17	115,519.17	444.17	2.17	9626.60	354.014	2.953960	10457.44
	parli 8	451	2.27	10,237.70	37.58	2.27	853.14	-		0.00
	khaperkheda 5	3072	2.23	68,566.49	256.00	2.23	5713.87	282.546	2.557956	7227.40
	Chandrapur	11562	2.47	285,212.57	963.50	2.47	23767.71	1,053.831	2.629124	27706.53
	Total MSPGCL	33496.00	1.98	662933.50	2791.33	1.98	55244.46	1974.72	2.639732	52127.44
	Central Gen SIns	29,696.00	1.46	432,869.00	####	1.46	36,072.42	2,372.86	1.44	34,260.16
	Korba III	4,661.00	1.13	52,669.30	388.42	1.13	4,389.11	420.365	1.0107	4248.61
	Vindhyanchal - I	936.00	1.12	10,483.20	78.00	1.12	873.60	93.443	0.9989	933.42
	Vindhyanchal - II	3,268.00	1.62	52,941.60	272.33	1.62	4,411.80	260.448	1.3659	3557.41
	Vindhyanchal - III	2,548.00	1.54	39,239.20	212.33	1.54	3,269.93	241.560	1.4894	3597.18
	Vindhyanchal - IV	2,123.00	1.50	31,845.00	176.92	1.50	2,653.75	199.535	1.2767	2547.49
	Vindhyanchal - V	2,292.00	1.53	35,067.60	191.00	1.53	2,922.30	224.681	1.4707	3304.38
	Farrakka	557.00	1.53	8,522.10	46.42	1.53	710.18	3.289	1.2090	39.77
	Talcher	-	-	-	0.00	-	-	-	-	0.00
	Kahalgaon	-	-	-	0.00	-	-	-	-	0.00
	Sipat - Unit 1	4,363.00	1.58	15,210.00	363.58	1.58	1,524.02	283.234	1.0369	2936.80
	Sipat - Unit 2	2,068.00	1.60	17,878.00	172.33	1.60	1,233.31	205.889	1.0677	2198.25
	Kakrapar	1,050.00	2.46	25,850.00	87.50	2.46	2,152.50	49.478	2.3538	1164.61
	Tarapur 1 & 2	1,200.00	1.04	12,480.00	100.00	1.04	1,040.00	54.940	0.9682	531.90
	Tarapur 3 & 4	3,300.00	3.07	101,310.00	275.00	3.07	8,442.50	287.732	2.8534	8210.23
	RGPL	-	-	-	0.00	-	-	-	-	0.00
	Sardar Sarovar	1,200.00	2.21	26,520.00	100.00	2.21	2,210.00	25.374	2.0500	520.17
	Pench	130.00	2.21	2,873.00	10.83	2.21	239.42	22.895	2.0500	469.34
	HYDRO PLANT	120.00	2.12	2,543.20	10.00	2.12	211.93	14.398	2.48	356.60
	Dodson - I	56.00	2.45	1,372.00	4.67	2.45	114.33	9.805	2.44	239.10
	Dodson - II	64.00	1.83	1,171.20	5.33	1.83	97.60	4.593	1.95	117.50
	Renewables	13,195.00	5.32	701,388.50	####	5.32	58,449.04	300.53	5.38	16,174.54
	CPP	1,977.00	2.51	49,622.70	164.75	2.51	4,135.23	72.27	1.53	1105.43
	Wind Purchase & Bio mass	11,218.00	5.81	651,765.80	934.83	5.81	54,313.82	192.80	5.54	10679.42
	Solar	-	0.00	-	-	-	-	20.85	16.46	3,432.73
	MSW	-	0.00	-	-	-	-	0.02	4.88	0.78
	Other Hydro	-	0.00	-	-	-	-	14.59	6.55	956.17
	Other Purchases	30,491.00	1.90	580,035.40	####	1.90	48,336.28	3,128.10	1.98	61,893.81
	IPP JSW	1,913.00	2.05	39,216.50	159.42	2.05	3,268.04	214.64	1.88	4040.00
	Mundra UMPP	5,158.00	1.55	79,949.00	429.83	1.55	6,662.42	468.14	1.42	6665.03
	Adani Power 1320	8,511.00	1.55	131,920.50	709.25	1.55	10,993.38	879.57	1.57	13796.67

Title Form 5: Power Purchase Cost										
Sr. No.	Power Purchase Source <sup>2</sup>	ORDER FY 15-16			Order for Month & Year			Oct-15		
		Net Purchase <sup>3</sup>	Var. Cost <sup>5</sup>	Var. Cost Amt <sup>4</sup>	Net Purchase <sup>3</sup>	Var. Cost <sup>5</sup>	Var. Cost Amt <sup>4</sup>	Net Purchase <sup>3</sup>	Tariff <sup>6</sup>	PP Amt <sup>7</sup>
(A)	(B)	MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K) = (I)*(J)
	Adani Power 1200	8,220.00	2.16	177,552.00	685.00	2.16	14,796.00	774.93	2.28	17699.59
	Emco Energy	1,370.00	1.50	20,550.00	114.17	1.50	1,712.50	147.74	1.44	2124.56
	INDIABULL/RattanIndia	5,319.00	2.46	130,847.40	443.25	2.46	10,903.95	643.08	2.73	17567.97
	Non MOD sources		4.00			4.00	-	2399	3.07	73562
	IFEX power			-				224.46	3.10	6947.50
	PTC							-	-	0.00
	Adani infirm							-	-	0.00
	AEL							-	-	0.00
	Indralet power							-	-	0.00
	IDEAL Energy							-	-	0.00
	Sai Wardha Power							-	-	0.00
	M/S KNOWLEDGE							-	-	
	MSPGCL Infirm							130.96	4.30	5626
	PXIL							72.67	3.16	2295.50
	bhusawal							85.24	3.25	2766.82
	koradi							173.27	3.26	5640.62
	nashik							353.67	4.09	14479.52
	Parli							(1.24)	0.12	-1.47
	uran							257.67	2.53	6508.50
	parli 6 7							(1.63)	0.16	-2.62
	Bhusawal unit 4&5							643.33	2.60	16699.41
	Kawas - APM							58.44	2.69	1569.20
	Gandhar - APM							70.50	2.68	1892.13
	Kahalgao II unit				0			88.81	2.43	2153.88
	Mouda				0			162.13	3.16	5125.24
	Adani Power 125				0			80.72	2.31	1861.71
	Inter state (grid) Losses				0			(96.00)	-	
	Unscheduled Interchange (UII)				0			-	-	
	Total Power Purchase	106,998.00	2.2241	2,379,769.60	####	2.2241	198,314.13	10,093.61	2.362	238,374.63

Table 6.1  
Title Composite variable cost of generation and power purchase

Sr. No.	Parameter	ORDER FY 15-16			Order for Month & Year			Oct-15			Normative Actual <sup>4</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>
		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	10,093.61	2.3616	238,374.63	10,093.61	2.3616	238,374.63	51,591.10	2.49	1,282,961.54
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	10,093.61	2.36	238,374.63	10,093.61	2.36164	238,374.63	51,591.10	2.49	1,282,961.54



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	2.36
3.0	Change in variable cost of generation and power purchase (2.0-1.0)	Rs/kWh	0.14
4.0	Generation <sup>1</sup> + Net Power Purchase (Table No.6.1 Sr. No.4.0, Col. No. (L))	MU	10,093.61
5.0	Change in variable cost of generation and power purchase (3.0 x 4.0)	Rs Lakh	13,880.03

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			-

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.** FAC For October 2015  
**Prakashgad, Bandra (E), Mumbai.**

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 (Feb 15)	Rs Lakh	59,091.84
	Incremental cost in Month j-4 actually recovered in month j-2 (Nov 14)	Rs Lakh	43,444
1.3	under recovery /over recovery	Rs Lakh	15,647.82
2.0	C/F DUE TO LEFT OUT OF FAC for Sept 15	Rs Lakh	2,321.30
2.3	MERC case No 122 of 2014 for MSPGCL true up of 12-13 impaCT 10TH INSTALMENT	Rs Lakh	10,032.33
2.3	FBSM Mar 15 impact	Rs Lakh	1,759.13
3.0	Adjustment factor for over-recovery/under-recovery	Rs Lakh	14,112.76
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** For October 2015  
**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	15,647.82
2.0	Interest rate	%	14.45%
3.0	Carrying cost for over-recovery/under-recovery	Rs Lakh	376.85

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

FOCLFD, October 2015

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	13,880.03
2.0	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	376.85
3.0	Adjustment factor for over-recovery/under-recovery (B)	Rs Lakh	14,112.76
4.0	$Z_{FAC} = F+C+B$	Rs Lakh	28,369.64
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	28,369.64

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.** For October 2015  
**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	7,186.23
2.0	Estimated Consumption within License Area (Table 1.2)	MU	890.09
3.0	Excess Distribution Loss	MU	170.89
4.0	Z <sub>FAC</sub>	Rs Lakh	28,369.64
5.0	Z <sub>FAC</sub> per kWh	Paise/kWh	34.40
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	0.343991

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 October 2015  
**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) = $(C)/12*0.746*FA_{kWh}^2$	(E)	(F)
	LT-AG ( > 1318 Hours per year)	1,734.33	82.37		-
	LT-AG ( < 1318 Hours per year)	980.00	50.89		-
	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.** October 2015  
**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	28369.64
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** For October 2015  
**Prakashgad, Bandra (E), Mumbai.**

Form 15: Summary

Title Summary of FAC (A) and  $FAC_{kWh}$

Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	<b>Calculation of <math>Z_{FAC}</math></b>		
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs Lakh	13,880.03
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	376.85
1.3	Adjustment factor for over-recovery/under-recovery (B)		14,112.76
1.4	<b><math>Z_{FAC} = F+C+B</math></b>	Rs Lakh	28,369.64
2.0	<b>Calculation of FAC Charge</b>		
2.1	Energy Sales within the License Area	MU	8,076.32
2.2	Excess Distribution Loss	MU	170.89
2.3	FAC Charge ( $FAC_{kWh}$ ) without considering cap on monthly FAC Charge	Paise/kWh	34.40
2.4	$Z_{FAC}$ per kWh	Paise/kWh	34.40
2.5	FAC Charge ( $FAC_{kWh}$ ) considering cap on monthly FAC Charge	Rs/kWh	0.3440
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	27,781.79
3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	587.85
3.3	FAC (A) charged as per 8.3 categorywise and slabwise 1	Rs Lakh	27,225.44
3.4	C/f from Previous month 2.	Rs Lakh	-
3.5	Under/over recovery from 6.6 statement 3.	Rs Lakh	15,647.82
3.6	Total FAC to be charged in current month 4 = (1+2+3)	Rs Lakh	42,873.26
3.7	Actual FAC charged in current month categorywise and slabwise 5.	Rs Lakh	46,501.54
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



