

Title Form 1: Energy Sales - Metered							
Sr. No.	Consumer Category	Unit	ORDER FY 15-16 Order	Jun-15 Order Actual		Cumulative upto Month & Year Order Actual	
(A)	(B)	(C)	(D)	(E)	(F)	(H)	(I)
1.00	Energy Sales in License Area1						
	LT - Categories						
	LT I - Domestic						
	BPL Consumers	MU	113.00	9.42	6.34	45.58	17.95
	Other Domestic	MU	18,019.00	1,501.58	1,887.80	3,990.25	5,336.06
	LT II - Commercial	MU	4,011.00	334.25	416.90	993.92	1,194.74
	LT III - Pub Water Works	MU	661.00	55.08	54.50	144.92	165.71
	LT IV - Agriculture	MU	13,461.00	1,121.75	830.40	2,898.42	3,445.56
	LT V - Industrial & Power Loom	MU	6,286.00	523.83	667.41	1,415.00	2,052.01
	Bhivandi Franchisee	MU	-	-	-	-	-
	LT VI - Streetlight	MU	-	-	-	-	-
	Grampanchayat & Municipal Council	MU	1,222.00	101.83		240.33	387.15
	Municipal Corporation Areas	MU	411.00	34.25	127.48	34.25	-
	LT VII - Temporary	MU	-	-	-	-	-
	Temporary Connections (Religious)	MU	2.00	0.17		11.50	3.99
	Temporary Connections (Other Purpose)	MU	16.00	1.33	1.32	1.33	-
	LT VIII - Advt & Hoardings	MU	3.00	0.25	0.295139	0.92	0.87
	LTIX - Crematoriums	MU	2.00	0.17	0.11	0.50	0.35
	LTX - Public Services	MU	-	-	-	0.00	48.73
	A Government						
	I <20 kw						
	0-200 units	MU	5.00	0.42	0.06		
	> 200 units	MU	7.00	0.58	0.19		
	II >20 -50 kw	MU	3.00	0.25	0.05		
	III >50 kw	MU	3.00	0.25	0.18		
	B others						
	I <20 kw						
	0-200 units	MU	41.00	3.42	5.17		
	> 200 units	MU	64.00	5.33	10.19		
	II >20 -50 kw	MU	27.00	2.25	4.54		
	III >50 kw	MU	29.00	2.42	4.51		
	Prepaid	MU	14.00	1.17	1.22		
	LT Total A		44,400.00	3,700.00	4,018.66		
	HT - Categories						
	HT I - Industries						
	Continuous	MU	13,167.00	1,097.25	954.59	6,897.48	6,016.35
	Non-Continuous		13,030.00	1,085.83	1,015.77		
	Seasonal Industry	MU	166.00	13.83	2.22	38.53	13.41
	HT II - Commercial	MU	2,206.00	183.83	182.23	540.53	579.55
	HT III - Railways	MU	1,505.00	125.42	121.47	368.78	373.86
	HT IV - Water Works	MU	-	-	-	-	-
	Express Feeders	MU	1,154.00	96.17	133.79	257.70	402.32
	Non-Express Feeders		239.00	19.92	18.97	56.45	57.38
	HT V - Agriculture (Includes Poultry)	MU	871.00	72.58	61.05	191.68	260.75
	HT VI - Bulk Supply	MU	-	-	-	-	-
	Residential (Group Housing)	MU	217.00	18.08	19.89	72.78	62.67
	HT VIII-B Temporary supply others	MU	4.00	0.33	0.39	0.33	0.39
	HT IX Pub Service	MU	-	-	-	-	158.64
	A Government						
	Express Feeders	MU	23.00	1.92	11.44		
	Non-Express Feeders	MU	21.00	1.75	4.99		
	B Others						
	Express Feeders	MU	437.00	36.42	27.52		
	Non-Express Feeders	MU	402.00	33.50	28.81		
	HT X Port	MU	86.00	7.17	6.17	7.17	19.75
	MSPGCL Aux supply	MU	56.00	4.67	5.92		
	Other	MU	-	-	480.08		
	HT Total B	MU	33,584.00	2,798.67	3,075.31		
	Total Sale (LT+HT)	MU	77,984.00	6,498.67	7,093.97	24,801.37	28,683.89

Note: 1. PD Consumers are not considered.

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

FAC For JUNE 2015

Table 1.2
 Title Energy Sales - UnMetered

Form 2: Energy Sales - Unmetered

Sr. No.	Consumer Category ¹	ORDER FY 15-16			Jun-15				Cumulative upto Month & Year	
		Load	Norm ²	EC _{UM} ³	Order	Load	EC _{UM} ³	Reasons for material variation	Order	EC _{UM} ³
		HP	hrs/ HP/ Year *	MU	MU	HP	MU		MU	MU
1.0	Unmetered Hrs > 1318		1,734.33	5130	428		443.46		1170	1752
	Bhandup (U)		1,474.00				0.00000		0	0
	Nasik		1,521.00				106.99		503	612
	Pune		2,208.00				29.31		240	77
	Jalgaon						123.98		0	440
	Baramati						183.17		0	623
1.1	Unmetered Hrs < 1318		980.00	3852	321		188.15		1359	1053
	Amravati		922.00	484			28.30		96	210
	Aurangabad		1,224.00	1130			54.33		224	212
	Kalyan		1,300.00	30			-0.01		6	0
	Konkan		533.00	0			0.00		0	0
	Kolhapur		1,198.00	1814			14.35		359	56
	Latur		1,241.00	1567			67.42		311	417
	Nagpur (U)		644.00	68			-0.42		13	6
	Nagpur		778.00	141			-0.001		28	0
	Nanded						24.18		0	152
1.2	LT-Unmetered PWW			0					0	0
	Total	0	2,714.33	8982	748.50		631.61		2529	2805

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

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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Form 3: Energy Availability								
Sr. No.	Source of Generation/Power Purchase	Unit	ORDER FY 15-16	Jun-15			Cumulative upto Month & Year	
				Order	Order	Actual	Reasons for material variation	Order
(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	263.10052		781.25	761.43
	khaperkheda	MU	5,330.00	444.17	328.519445		1,332.50	989.88
	parli 8	MU	451.00	37.58				
	khaperkheda 5	MU	3,072.00	256.00	242.333736		768.00	822.98
	Chandrapur	MU	11,562.00	963.50	790.96278		2,890.50	2,852.54
3430.3	Hydel Stations	MU	4,612.00	384.33	251.46505		2,306.00	1,574.11
	Subtotal	MU	38,108.00	3,175.67	1,876.38		10,567.25	7,340.91
2.0	Net Power Purchase ²	MU						
	Central Gen Stns		29,696.00	2,474.67	2,140.17		7,424.00	7,133.80
	Korba	MU	4,661.00	388.42	428.46		1,165.25	1,199.74
	Korba III	MU	936.00	78.00	27.13		234.00	211.32
	Vindhyanchal - I	MU	3,268.00	272.33	184.24		817.00	718.27
	Vindhyanchal - II	MU	2,548.00	212.33	118.15		637.00	581.31
	Vindhyanchal-III	MU	2,123.00	176.92	185.32		530.75	587.90
	Vindhyanchal-IV	MU	2,292.00	191.00	194.05		573.00	626.49
	Vindhyanchal-V	MU	557.00	46.42			139.25	-
	Kawas - APM	MU	-	-	18.49		-	119.86
	Gandhar - APM	MU	-	-	10.38		-	93.83
	Farrakka	MU	-	-			-	-
	Talcher	MU	-	-			-	-
	Kahalgaon	MU	-	-			-	-
	Kahalgaon II unit	MU	-	-	49.79		-	225.23
	Sipat - Unit 1	MU	4,363.00	363.58	312.00		1,090.75	873.24
	Sipat Unit 2	MU	2,068.00	172.33	150.80		517.00	553.51
	Mouda	MU					-	46.18
	Kakrapar	MU	1,050.00	87.50	92.17		262.50	205.13
	Tarapur 1 & 2	MU	1,200.00	100.00	34.65		300.00	134.90
	Tarapur 3 & 4	MU	3,300.00	275.00	286.69		825.00	806.24
	RGPLL -	MU	-	-	-		-	-
	Sardar Sarovar	MU	1,200.00	100.00	45.23		300.00	142.61
	Pench	MU	130.00	10.83	2.63		32.50	8.05

Form 3: Energy Availability								
Sr. No.	Source of Generation/Power Purchase	Unit	ORDER FY 15-16	Jun-15			Cumulative upto Month & Year	
				Order	Order	Actual	Reasons for material variation	Order
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
	HYDRO PLANT		120.00	10.00	3.15	-	30.00	21.88
	Dodson - I	MU	56.00	4.67			14.00	7.76
	Dodson - II	MU	64.00	5.33	3.152		16.00	14.12
	Renewables	MU	13,195.00	1,099.58	918.20	-	3,298.75	2,492.45
	CPP	MU	1,977.00	164.75	82.11		494.25	211.98
	Wind Purchase & Bio mass Bagasse	MU			803.562		2,804.50	2,159.00
	Solar	MU	11,218.00	934.83	24.258		-	93.42
	MSW	MU			0.035		-	0.14
	Other Hydro	MU			8.24		-	27.90
	Other Purchases	MU	30,491.00	2,540.92	2,353.71	-	3,895.50	3,797.56
	IPP JSW	MU	1,913.00	159.42	13.61		478.25	273.10
	Mundra UMPP CGPI	MU	5,158.00	429.83	395.89		1,289.50	1,200.22
	Adani Power 1320	MU	8,511.00	709.25	855.33		2,127.75	2,324.24
	Adani Power 1200	MU	8,220.00	685.00	706.85			2,352.11
	Adani Power 125	MU	-	-	73.63			245.01
	Emco Energy	MU	1,370.00	114.17	127.16			375.80
	INDIABULL	MU	5,319.00	443.25	181.24		1,329.75	533.26
	Traders	MU	-	-	1,639.69		-	4,326.87
	IEX power	MU			6.15		-	39.32
	PTC	MU					-	-
	Adani infirm	MU			-		-	-
	AEL	MU			-		-	-
	Indrajeet power	MU			-		-	-
	IDEAL Energy	MU			-		-	-
	Sai Wardha Power	MU			62.43		-	289.90
	M/S KNOWLEDGE INFRA	MU					-	-
	MSPGCL Infirm	MU					-	-
	PXIL	MU			2.62		-	11.87
	bhusawal				64.00		-	129.36
	koradi				142.00255		-	481.98
	nashik				333.79		-	1,024.66
	Parli				133.937209		-	371.01
	uran				162.86		-	524.76
	parli 6 7				228.83		-	743.55
	Bhusawal unit 4&5				503.064		-	1,557.01
	Inter state (grid) Losses	MU	(1,152.00)	(96.00)	(96.00)		(288.00)	(314.17)
	Unscheduled Interchange (UI)	MU	-	-	-		-	-
	Subtotal	MU	1,10,458.00	9,204.83	8,835.31		24,927.50	24,799.31
3.0	Energy Available	MU						
3.2	Net Generation + Net Power Purchase (1.6+2.0)	MU	1,10,458.00	9,204.83	8,931.31	Inter state (Grid)losses 96.00	24,927.50	29,126.23
3.3	Net Energy Available at transmission voltage	MU	1,10,458.00	9,204.83	8,956.31		27,614.50	29,201.23
3.4	Net Energy Available at distribution voltage	MU	106161	8,846.75	8,815.36		26,540.25	28,821.73
Note:	1. All the parameters and power purchase has been considered as per MYT order for FY2015-16 of MSEDCL 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 JUNE 2015
Prakashgad, Bandra (E), Mumbai.

Title **Form 4: Losses**

Sr. No.	Parameter	Unit	ORDER FY 15-16	Jun-15		Cumulative upto Month & Year	
				Order	Actual	Order	Actual
(A)	(B)	(C)	(D)	(E)	(F)	(I)	(J)
1.0	Transmission and Stepdown Loss ¹						
1.1	Net Energy Input at transmission voltages (Net Generation + Net Purchase) *	MU	1,10,458.00	9,204.83	8956	27,294.33	29201
1.2	Energy Sales at transmission voltages	MU	-	-	0	-	0
1.3	Energy fed to Distribution System	MU	106161	8847	8815	26,169.26	28822
1.4	Transmission and Stepdown Loss (1.1 - 1.2 - 1.3)	MU	4297	358	141	1125.08	379.49
1.5	Transmission and Stepdown Loss as % of Net Energy Input (1.4 / 1.1)	%	3.89%	3.89%	1.57%	4.12%	1.30%
2.0	Distribution Loss ¹						
2.1	Net Energy Input (input from Transmission System + net energy input at distribution voltages)	MU	1,06,608.00	8,884.00	8815.36	26,291.01	28841
2.2	Energy Sales (Metered) at distribution voltages	MU	83234	6936	7093.97	19,817.94	22092.81
2.3	Estimated Consumption for Unmetered Categories	MU	8982	749	631.61	2,528.56	2805.01
2.4	Distribution Loss (2.1 - 2.2 - 2.3)	MU	14392	1199	1089.78	3,944.51	3,943.45
2.5	Distribution Loss as % of net energy input (2.4 / 2.1)	%	13.50%	13.50%	12.36%	15.00%	13.67%
3.0	Transmission and Distribution (T&D) Loss						
3.1	Net Energy Input (i.e. Net Generation + Net Power Purchase)	MU	1,10,458.00	9,204.83	8956.31	27,294.33	29201
3.2	Energy Sales (Metered + Unmetered) (1.2+2.2+2.3)	MU	92216.00	7,684.67	7725.58	22,346.50	24898
3.3	T&D Loss (3.1 - 3.2)	MU	18242.00	1,520.17	1230.73	4,947.83	4303.41
3.4	T&D Loss as % of Net Energy Input (3.3 / 3.1)	%	16.51%	16.51%	13.74%	18.13%	14.74%
4.0	Excess T&D Loss = T&D Loss (3.3) - T&Dapp x Net Energy Input (3.1)	MU			15.252863		

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

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

FAC For JUNE 2015

Title Form 5: Power Purchase Cost																		
Sr. No.	Power Purchase Source ²	ORDER FY 15-16			Order for Month & Year			Jun-15								Cumulative Actual upto Month & Year		
		Net Purchase ³	Var. Cost ³	Var. Cost Amt ⁴	Net Purchase ³	Var. Cost ⁵	Var. Cost Amt ⁴	Net Purchase ³	Tariff ⁶	PP Amt ⁷	FAC Unit ⁸	FAC Amount	FAC Amt ¹⁰	Var. Cost Amt ⁴	Var. Cost ⁵	Net Purchase ³	Var. Cost Amt ⁴	Var. Cost ⁵
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K) = (I)* (J)	(L)	(M)	(N) = (L)* (M)	(O) = (K)+(N)	(P)	(Q)	(R)	(S) = (R)/(Q)
		MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs Lakh	Rs Lakh	Rs Lakh	Rs Lakh	Rs Lakh	Rs Lakh	Rs/ kWh
	MSPGCL																	
	Koradi 10	1481	1.25	18,512.50	123.42	1.25	1542.71	-	-	-	0.00	0.00	-	-	-	339.97	9646.36	2.84
	Koradi 9	1781	1.25	22,262.50	148.42	1.25	1855.21	-	-	0.00	0.00	0.00	-	-	-	-	0.00	#DIV/0!
	Koradi 8	2962	1.25	37,025.00	246.83	1.25	3085.42	-	-	0.00	0.00	0.00	-	-	-	-	0.00	#DIV/0!
	Chandrapur 8	2170	1.26	27,342.00	180.83	1.26	2278.50	-	-	0.00	0.00	0.00	-	-	-	-	0.00	#DIV/0!
	Chandrapur 9	1562	1.26	19,681.20	130.17	1.26	1640.10	-	-	0.00	0.00	0.00	-	-	-	-	0.00	#DIV/0!
	Paras 3 and 4	3125	1.87	58,574.38	260.42	1.87	4881.20	263.101	2.195671	5776.82	263.10	845.32	-	5,776.82	2.20	761.43	16101.31	2.11
	khaperkheda	5330	2.17	1,15,519.17	444.17	2.17	9626.60	328.519	2.748892	9030.64	328.52	1910.51	-	9,030.64	2.75	989.88	26862.94	2.71
	parli 8	451	2.27	10,237.70	37.58	2.27	853.14	-	-	3.403568	0.00	0.00	-	-	-	237.07	8515.71	3.59
	khaperkheda 5	3072	2.23	68,566.49	256.00	2.23	5713.87	242.334	2.533470	6139.45	242.33	730.61	-	6,139.45	2.53	822.98	20760.18	2.52
	Chandrapur	11562	2.47	2,85,212.57	963.50	2.47	23767.71	790.963	2.881817	22794.10	790.96	3282.55	-	22,794.10	2.88	2,852.54	81520.45	2.86
	Total MSPGCL	33496.00	1.98	662933.50	2791.33	1.98	55244.46	1624.92	2.691893	43741.02	1624.92	6768.99	0.00	43741.02	2.69	6003.88	163406.95	2.72
	Central Gen Stns	29,696.00	1.46	4,32,869.00	2,474.67	1.46	36,072.42	2,140.17	1.60	34,184.25	2,140.17	-	-	34,184.25	1.60	7,087.63	1,16,612.18	0.34
	Korba	4,661.00	1.13	52,669.30	388.42	1.13	4,389.11	428.460	0.9856	4223.07	428	0	0	4,223.07	0.99	1,199.74	11711.74	0.98
	Korba III	936.00	1.12	10,483.20	78.00	1.12	873.60	27.131	0.9633	261.35	27	0	0	261.35	0.96	211.32	2027.28	0.96
	Vindhyanchal - I	3,268.00	1.62	52,941.60	272.33	1.62	4,411.80	184.236	1.5180	2796.72	184	0	0	2,796.72	1.52	718.27	11554.87	1.61
	Vindhyanchal - II	2,548.00	1.54	39,239.20	212.33	1.54	3,269.93	118.153	1.4274	1,686.56	118	0	0	1,686.56	1.43	581.31	8834.25	1.52
	Vindhyanchal-III	2,123.00	1.50	31,845.00	176.92	1.50	2,653.75	185.316	1.4375	2,663.94	185	0	0	2,663.94	1.44	587.90	8889.17	1.51
	Vindhyanchal-IV	2,292.00	1.53	35,067.60	191.00	1.53	2,922.30	194.046	1.4319	2,778.50	194	0	0	2,778.50	1.43	626.49	9436.07	1.51
	Vindhyanchal-V	557.00	1.53	8,522.10	46.42	1.53	710.18	-	-	0.00	0	0	-	-	-	0.00	0.00	#DIV/0!
	Kawas - APM	-	2.86	-	0.00	2.86	-	18.490	3.1471	581.89	18	0	0	581.89	3.15	119.86	3730.93	3.11
	Gandhar - APM	-	2.67	-	0.00	2.67	-	10.377	3.0942	321.08	10	0	0	321.08	-	93.83	2865.70	-
	Farrakka	-	-	-	0.00	-	-	-	-	0.00	0	0	-	-	-	-	0.00	-
	Talcher	-	-	-	0.00	-	-	-	-	0.00	0	0	-	-	-	-	0.00	-
	Kahalaqaon	-	-	-	0.00	-	-	-	-	0.00	0	0	-	-	-	-	0.00	#DIV/0!
	Kahalaqaon II	-	2.69	-	0.00	2.69	-	49.795	2.0719	1031.68	50	0	0	1,031.68	2.07	225.23	5054.77	2.24
	Sipat - Unit 1	4,363.00	1.58	-	363.58	-	-	311.996	1.3264	4138.17	312	0	0	4,138.17	1.33	873.24	12333.13	1.41
	Sipat Unit 2	2,068.00	1.60	33,088.00	172.33	1.60	2,757.33	150.804	1.3307	2006.79	151	0.00	0	2,006.79	1.33	553.51	7879.98	1.42
	Mouda	-	3.99	-	0.00	3.99	-	-	-	0.00	0	0.00	-	-	-	-	0.00	#DIV/0!
	Kakrapar	1,050.00	2.46	25,830.00	87.50	2.46	2,152.50	92.165	2.3757	2189.57	92	0.00	0	2,189.57	2.38	205.13	4870.94	2.37
	Tarapur 1 & 2	1,200.00	1.04	12,480.00	100.00	1.04	1,040.00	34.652	0.9729	337.13	35	-	-	337.13	0.97	134.90	1310.99	0.97
	Tarapur 3 & 4	3,300.00	3.07	1,01,310.00	275.00	3.07	8,442.50	286.690	2.8556	8186.77	287	-	-	8,186.77	2.86	806.24	23023.93	2.86
	RGPP - I	-	-	-	0.00	-	-	-	-	0.00	0	0	-	-	-	-	0.00	#DIV/0!
	Sardar Sarovar	1,200.00	2.21	26,520.00	100.00	2.21	2,210.00	45.227	2.0500	927.15	45	0	0	927.15	2.05	142.61	2923.48	2.05
	Pench	130.00	2.21	2,873.00	10.83	2.21	239.42	2.629	2.0500	53.89	3	-	-	53.89	2.05	8.05	164.94	2.05
	HYDRO PLANT	120.00	2.12	2,543.20	10.00	2.12	211.93	3.152	3.73	117.50	3.15	-	-	117.50	3.73	21.88	539.67	0.46
	Dodson - I	56.00	2.45	1,372.00	4.67	2.45	114.33	-	-	0.00	0	0.00	0	-	-	7.76	187.17	2.41
	Dodson - II	64.00	1.83	1,171.20	5.33	1.83	97.60	3.152	3.73	117.50	3	-	-	117.50	3.73	14.12	352.50	2.50
	Renewables	13,195.00	5.32	7,01,388.50	1,099.58	5.32	58,449.04	918.20	5.13	47,117.47	918.20	-	-	47,117.47	5.13	2,464.54	132439.40	5.37
	CPP	1,977.00	2.51	49,622.70	164.75	2.51	4,135.23	82.11	1.69	1384.60	82	0	0	1,384.60	1.69	211.98	4161.62	1.96
	Wind Purchase & Bio mass	11,218.00	5.81	6,51,765.80	934.83	5.81	54,313.82	803.56	5.27	42325.37	804	-	-	42,325.37	5.27	2,159.00	116824.44	5.41
	Solar	-	-	-	0.00	-	-	24.26	12.78	3,099.69	24	-	-	3,099.69	12.78	93.42	11446.39	12.25
	MSW	-	-	-	0.00	-	-	0.03	4.88	1.69	0	-	-	1.69	4.88	0.14	6.94	4.88
	Other Hydro	-	-	-	0.00	-	-	8.24	3.72	306.12	8	-	-	306.12	3.72	-	-	-
	Other Purchases	30,491.00	1.90	5,80,035.40	2,540.92	1.90	48,336.28	2,353.71	1.80	42,280.20	2,353.71	-	-	42,280.20	1.80	6,149.66	127352.27	2.07
	IPP JSW	1,913.00	2.05	39,216.50	159.42	2.05	3,268.04	13.61	1.92	260.77	14	-	0	260.77	1.92	273.10	5258.01	1.93
	Mundra UMPP	5,158.00	1.55	79,949.00	429.83	1.55	6,662.42	395.89	1.45	5726.02	396	-	0	5,726.02	1.45	1,200.22	17374.06	1.45
	Adani Power 1320	8,511.00	1.55	1,31,920.50	709.25	1.55	10,993.38	855.33	1.57	13411.13	855	-	0	13,411.13	1.57	2,324.24	34563.48	1.49

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

FAC For JUNE 2015

Title Form 5: Power Purchase Cost																		
Sr. No.	Power Purchase Source ²	ORDER FY 15-16			Order for Month & Year			Jun-15								Cumulative Actual upto Month & Year		
		Net Purchase ³	Var. Cost ³	Var. Cost Amt ⁴	Net Purchase ³	Var. Cost ⁵	Var. Cost Amt ⁴	Net Purchase ³	Tariff ⁶	PP Amt ⁷	FAC Unit ⁸	FAC Amount	FAC Amt ¹⁰	Var. Cost Amt ⁴	Var. Cost ⁵	Net Purchase ³	Var. Cost Amt ⁴	Var. Cost ⁵
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K) = (I)*(J)	(L)	(M)	(N) = (L)*(M)	(O) = (K)+(N)	(P)	(Q)	(R)	(S) = (R)/(O)
		MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	MU	Rs Lakh	Rs Lakh	Rs Lakh	Rs/ kWh	MU	Rs Lakh	Rs/ kWh
	Adani Power 1200	8,220.00	2.16	1,77,552.00	685.00	2.16	14,796.00	706.85	2.26	15955.89	707	-	0	15,955.89	2.26	2,352.11	70156.72	2.98
	Adani Power 125	-	3.02	-	0.00	3.02	-	73.63	2.26	1662.07	74	-	0	1,662.07	2.26	245.01	7307.99	2.98
	Emco Energy	1,370.00	1.50	20,550.00	114.17	1.50	1,712.50	127.16	1.41	1792.07	127	-	0	1,792.07	1.41	375.80	8493.75	2.26
	INDIABULL	5,319.00	2.46	1,30,847.40	443.25	2.46	10,903.95	181.24	1.92	3472.26	181	-	0	3,472.26	1.92	533.26	13923.58	2.61
	Traders		4.00			4.00	-	1640	3.24	53191	1640	-	0	53,190.96	3.24	341	9793	2.87
	IEX power			-				6.15	2.62	160.91	6	-	0	160.91	2.62	39.32	1084.83	2.76
	PTC							-		0.00	0	-	0	-		-	0.00	#DIV/0!
	Adani infirm							-		0.00	0	-	0	-		-	0.00	#DIV/0!
	AEL							-		0.00	0	-	0	-		-	0.00	#DIV/0!
	Indrajeet power							-		0.00	0	-	0	-		-	0.00	#DIV/0!
	IDEAL Energy							-		0.00	0	-	0	-		-	0.00	#DIV/0!
	Sai Wardha Power							62.43	2.79	1743.25	62			1,743.25	2.79	289.90	8408.03	2.90
	M/S KNOWLEDGE							-			0			-		-	0.00	#DIV/0!
	MSPGCL Infirm							-			0			-		-	0.00	#DIV/0!
	PXIL							2.62	2.88	75.56	3	-	0	75.56	2.88	11.87	300.51	2.53
	bhusawal							64.00	3.08	1970.87	64	-	0	1,970.87	3.08	-	0.00	-
	koradi							142.00	3.06	4350.66	142	-	0	4,350.66	3.06	-	0.00	-
	nashik							333.79	4.18	13952.78	334	-	0	13,952.78	4.18	-	0.00	-
	Parli							133.94	3.522362	4717.75	134	-	0	4,717.75	3.52	-	0.00	-
	uran							162.86	2.93	4775.50	163	-	0	4,775.50	2.93	-	0.00	-
	parli 6 7							228.83	3.03	6939.97	229	-	0	6,939.97	3.03	-	0.00	-
	Bhusawal unit 4&5							503.06	2.88	14503.71	503	-	0	14,503.71	2.88	-	0.00	-
	Inter state (grid) Losses			-	0	-	-	(96.00)	-		(96)	-	0	-	-	(314.17)	0.00	-
	Unscheduled Interchange (UI)			-	0	-	-	-	-		0	-	0	-	#DIV/0!	-	0.00	#DIV/0!
	Total Power Purchase	1,06,998.00	2.2241	23,79,769.60	8,916.50	2.2241	1,98,314.13	8,583.84	2.570	2,20,631.39	8,583.84	-	-	2,20,631.39	2.57031	21,754.51	550143.84	2.53

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

FAC For JUNE 2015

Table 6.1
Title Composite variable cost of generation and power purchase

Sr. No.	Parameter	ORDER FY 15-16			Order for Month & Year			Jun-15			Normative Actual ⁴ for Month & Year			Cumulative Actual upto Month & Year		
		Energy	Var. Cost ²	Var. Cost Amt ³	Energy	Var. Cost ²	Var. Cost Amt ³	Energy	Var. Cost ²	Var. Cost Amt ³	Energy	Var. Cost ²	Var. Cost Amt ³	Unit	Var. Cost ²	Var. Cost Amt ³
		MU	Rs/ kWh	Rs Lakh	MU	Rs/ kWh	Rs Lakh	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)	(L)	(M)	(N)	(O)	(P)	(Q)
3.0	Net Power Purchase (Table No. 4.1)	1,06,998.00	2.22	23,79,769.60	8,916.50	2.22	1,98,314.13	8,583.84	2.5703	2,20,631.39	8,583.84	2.5703	2,20,631.39	21,754.51	2.53	5,50,143.84
4.0	Own Generation + Net Power Purchase (1.0-2.0+3.0)	1,06,998.00	2.22	23,79,769.60	8,916.50	2.224125	1,98,314.13	8,583.84	2.57	2,20,631.39	8,583.84	2.57031	2,20,631.39	21,754.51	2.53	5,50,143.84

29,716.00

29716.00119

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

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	2.57
3.0	Change in variable cost of generation and power purchase (2.0-1.0)	Rs/kWh	0.35
4.0	Generation ¹ + Net Power Purchase (Table No.6.1 Sr. No.4.0, Col. No. (L))	MU	8,583.84
5.0	Change in variable cost of generation and power purchase (3.0 x 4.0)	Rs Lakh	29,716.00

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

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		NOT APPLICABLE		
2.1	Apportionment of hydel generation ¹	MU			-
2.2	Apportionment of net thermal generation and power purchase ^{2&3} (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 (Feb 15)	Rs Lakh	(3,112.67)
	Incremental cost in Month j-4 actually recovered in month j-2 (Nov 14)	Rs Lakh	33,632
1.3	under recovery /over recovery	Rs Lakh	(36,745.14)
2.0	C/F DUE TO FORMULA ERROR for regular FAC for MAY 15	Rs Lakh	5,408.29
2.3	MERC case No 122 of 2014 for MSPGCL true up of 12-13 impact 3rd and 4th nd Instal ment	Rs Lakh	21,270.67
2.3	FBSM nov 14 impact	Rs Lakh	2,183.08
3.0	Adjustment factor for over-recovery/under-recovery	Rs Lakh	28,862.03
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. JUNE 2015
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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	(36,745.14)
2.0	Interest rate	%	14.45%
3.0	Carrying cost for over-recovery/under-recovery	Rs Lakh	(884.95)

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. DNE 2015
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	29,716.00
2.0	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	(884.95)
3.0	Adjustment factor for over-recovery/under-recovery (B)	Rs Lakh	28,862.03
4.0	$Z_{FAC} = F+C+B$	Rs Lakh	57,693.09
5.0	Any unpredictable and uncontrollable expenses incurred (Z) ¹	Rs Lakh	0
6.0	FOCA (A) = C + I + B + Z	Rs Lakh	57,693.09

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD. For JUNE 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	7,035.88
2.0	Estimated Consumption within License Area (Table 1.2)	MU	631.61
3.0	Excess Distribution Loss	MU	15.25
4.0	Z _{FAC}	Rs Lakh	57,693.09
5.0	Z _{FAC} per kWh	Paise/kWh	75.09
6.0	Cap on monthly FAC/FOCA Charge	Rs/kWh	N.A.
6.1	Cap at 20% of the variable component of tariff ²	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 _{kWh})	Rs/kWh	0.750944

- 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. For JUNE 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 ¹ 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	63.09		-
	LT-AG (< 1318 Hours per year)	980.00	(11.07)		-
	Total				

Notes:

- 1 Round off FOCA Charge to 1 decimal
- 2 Consider $FOCA_{kWh}$ as per Table 7.1, Sr. No. 7.0

Prakashgad, Bandra (E), Mumbai.

Form 14: Recovery of FAC Charge

Form 14: Recovery of FAC Charge			
Title	Recovery of FAC/FOCA Charge		
Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Allowable FAC	Rs Lakh	57693.09
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. JUNE 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	Calculation of Z_{FAC}		
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs Lakh	29,716.00
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	(884.95)
1.3	Adjustment factor for over-recovery/under-recovery (B)		28,862.03
1.4	$Z_{FAC} = F+C+B$	Rs Lakh	57,693.09
2.0	Calculation of FAC Charge		
2.1	Energy Sales within the License Area	MU	7,667.49
2.2	Excess Distribution Loss	MU	15.25
2.3	FAC Charge (FAC_{kWh}) without considering cap on monthly FAC Charge	Paise/kWh	75.09
2.4	Z_{FAC} per kWh	Paise/kWh	75.09
2.5	FAC Charge (FAC_{kWh}) considering cap on monthly FAC Charge	Rs/kWh	0.7509
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	57,578.55
3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	114.54
3.3	FAC (A) charged as per 8.3 categorywise and slabwise 1	Rs Lakh	68,227.75
3.4	C/f from Previous month 2.	Rs Lakh	-
3.5	Under/over recovery from 6.6 statement 3.	Rs Lakh	(36,745.14)
3.6	Total FAC to be charged in current month 4=(1+2+3)	Rs Lakh	31,482.61
3.7	Actual FAC charged in current month categorywise and slabwise 5.	Rs Lakh	57,457.64
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

