

Title Form 1: Energy Sales - Metered							
Sr. No.	Consumer Category	Unit	ORDER FY 15-16	Sep-16		Cumulative upto Month & Year	
			Order	Order	Actual	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	5.68	56.50	29.93
	Other Domestic Consumers	MU	18,019.00	1,501.58	1,689.22	9,009.50	10,730.39
	LT II - Commercial	MU	4,011.00	334.25	371.36	2,005.50	2,394.55
	LT III - Pub Water Works	MU	661.00	55.08	56.01	330.50	337.23
	LT IV - Agriculture	MU	13,461.00	1,121.75	967.37	6,730.50	7,166.44
	LT V - Industrial & Power Loom	MU	6,286.00	523.83	719.12	3,143.00	4,300.63
	Bhivandi Franchisee	MU	-	-	-	-	-
	LT VI - Streetlight	MU					
	Grampanchayat & Municipal Council	MU	1,222.00	101.83		611.00	885.54
	Municipal Corporation Areas	MU	411.00	34.25	151.03	205.50	-
	LT VII - Temporary	MU					
	Temporary Connections (Religious)	MU	2.00	0.17		1.00	7.21
	Temporary Connections (Other Purpose)	MU	16.00	1.33	1.30	8.00	-
	LT VIII - Advt & Hoardings	MU	3.00	0.25	0.355072	1.50	1.93
	LTIX - Crematoriums	MU	2.00	0.17	0.15	1.00	0.92
	LTX - Public Services	MU				0.00	0.00
	A Government						
	I <20 kw						
	0-200 units	MU	5.00	0.42	0.82	2.50	4.54
	> 200 units	MU	7.00	0.58	1.39	3.50	7.83
	II >20 -50 kw	MU	3.00	0.25	0.61	1.50	3.44
	III >50 kw	MU	3.00	0.25	0.50	1.50	2.98
	B others					0.00	0.00
	I <20 kw					0.00	0.00
	0-200 units	MU	41.00	3.42	5.72	20.50	32.95
	> 200 units	MU	64.00	5.33	12.01	32.00	70.75
	II >20 -50 kw	MU	27.00	2.25	5.23	13.50	31.78
	III >50 kw	MU	29.00	2.42	5.56	14.50	33.51
	Prepaid	MU	14.00	1.17	0.93	7.00	6.76
	LT Total A		44,400.00	3,700.00	3,994.38	22,200.00	26,049.31
	HT - Categories					3,027.01	
	HT I - Industries				1,739.90		
	Continuous	MU	13,167.00	1,097.25		13,098.50	9,224.24
	Non-Continuous		13,030.00	1,085.83			
	Seasonal Industry	MU	166.00	13.83		83.00	15.32
	HT II - Commercial	MU	2,206.00	183.83	160.61	1,103.00	1,078.61
	HT III - Railways	MU	1,505.00	125.42	0.59	752.50	4.60
	HT IV - Water Works	MU			141.91		
	Express Feeders	MU	1,154.00	96.17		577.00	573.28
	Non-Express Feeders		239.00	19.92		119.50	94.52
	HT V - Agriculture (Includes Poultry)	MU	871.00	72.58	86.77	435.50	452.22
	HT VI - Bulk Supply	MU					
	Residential (Group Housing)	MU	217.00	18.08	18.97	108.50	122.54
	HT VIII-B Temporary supply others	MU	4.00	0.33	0.19	2.00	1.33
	HT IX Pub Service	MU					
	A Government				15.61		
	Express Feeders	MU	23.00	1.92		11.50	51.98
	Non-Express Feeders	MU	21.00	1.75		10.50	32.10
	B Others				64.75		
	Express Feeders	MU	437.00	36.42		218.50	146.96
	Non-Express Feeders	MU	402.00	33.50		201.00	165.61
	HT X Port	MU	86.00	7.17	-	43.00	31.88
	HT X Metro/ Mono	MU					
	MSPGCL Aux supply	MU	56.00	4.67	13.85	28.00	66.65
	Other	MU			765.12	-	4,605.18
	HT Total B	MU	33,584.00	2,798.67	3,008.26	16,792.00	18,629.17
	Total Sale (LT+HT)	MU	77,984.00	6,498.67	7,002.33	38,992.00	44,678.17

Note: 1. PD Consumers are not considered.

Title Form 1: Energy Sales - Metered							
Sr. No.	Consumer Category	Unit	ORDER FY 15-16	Sep-16		Cumulative upto Month & Year	
			Order	Order	Actual	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	5.68	56.50	29.93
	Other Domestic Consumers	MU	18,019.00	1,501.58	1,689.22	9,009.50	10,730.39
	LT II - Commercial	MU	4,011.00	334.25	371.36	2,005.50	2,394.55
	LT III - Pub Water Works	MU	661.00	55.08	56.01	330.50	337.23
	LT IV - Agriculture	MU	13,461.00	1,121.75	967.37	6,730.50	7,166.44
	LT V - Industrial & Power Loom	MU	6,286.00	523.83	719.12	3,143.00	4,300.63
	Bhivandi Franchisee	MU	-	-	-	-	-
	LT VI - Streetlight	MU					
	Grampanchayat & Municipal Council	MU	1,222.00	101.83		611.00	885.54
	Municipal Corporation Areas	MU	411.00	34.25	151.03	205.50	-
	LT VII - Temporary	MU					
	Temporary Connections (Religious)	MU	2.00	0.17		1.00	7.21
	Temporary Connections (Other Purpose)	MU	16.00	1.33	1.30	8.00	-
	LT VIII - Advt & Hoardings	MU	3.00	0.25	0.355072	1.50	1.93
	LTIX - Crematoriums	MU	2.00	0.17	0.15	1.00	0.92
	LTX - Public Services	MU				0.00	0.00
	A Government						
	I <20 kw						
	0-200 units	MU	5.00	0.42	0.82	2.50	4.54
	> 200 units	MU	7.00	0.58	1.39	3.50	7.83
	II >20 -50 kw	MU	3.00	0.25	0.61	1.50	3.44
	III >50 kw	MU	3.00	0.25	0.50	1.50	2.98
	B others					0.00	0.00
	I <20 kw					0.00	0.00
	0-200 units	MU	41.00	3.42	5.72	20.50	32.95
	> 200 units	MU	64.00	5.33	12.01	32.00	70.75
	II >20 -50 kw	MU	27.00	2.25	5.23	13.50	31.78
	III >50 kw	MU	29.00	2.42	5.56	14.50	33.51
	Prepaid	MU	14.00	1.17	0.93	7.00	6.76
	LT Total A		44,400.00	3,700.00	3,994.38	22,200.00	26,049.31
	HT - Categories					3,027.01	
	HT I - Industries				1,739.90		
	Continuous	MU	13,167.00	1,097.25		13,098.50	9,224.24
	Non-Continuous		13,030.00	1,085.83			
	Seasonal Industry	MU	166.00	13.83		83.00	15.32
	HT II - Commercial	MU	2,206.00	183.83	160.61	1,103.00	1,078.61
	HT III - Railways	MU	1,505.00	125.42	0.59	752.50	4.60
	HT IV - Water Works	MU			141.91		
	Express Feeders	MU	1,154.00	96.17		577.00	573.28
	Non-Express Feeders		239.00	19.92		119.50	94.52
	HT V - Agriculture (Includes Poultry)	MU	871.00	72.58	86.77	435.50	452.22
	HT VI - Bulk Supply	MU					
	Residential (Group Housing)	MU	217.00	18.08	18.97	108.50	122.54
	HT VIII-B Temporary supply others	MU	4.00	0.33	0.19	2.00	1.33
	HT IX Pub Service	MU					
	A Government				15.61		
	Express Feeders	MU	23.00	1.92		11.50	51.98
	Non-Express Feeders	MU	21.00	1.75		10.50	32.10
	B Others				64.75		
	Express Feeders	MU	437.00	36.42		218.50	146.96
	Non-Express Feeders	MU	402.00	33.50		201.00	165.61
	HT X Port	MU	86.00	7.17	-	43.00	31.88
	HT X Metro/ Mono	MU					
	MSPGCL Aux supply	MU	56.00	4.67	13.85	28.00	66.65
	Other	MU			765.12	-	4,605.18
	HT Total B	MU	33,584.00	2,798.67	3,008.26	16,792.00	18,629.17
	Total Sale (LT+HT)	MU	77,984.00	6,498.67	7,002.33	38,992.00	44,678.17

Note:

1. PD Consumers are not considered.

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

Table 1.2
Title Energy Sales - UnMetered

Form 2: Energy Sales - Unmetered

Sr. No.	Consumer Category ¹	ORDER FY 15-16			Sep-16				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		463.51		2565	3047
	Bhandup (U)		1,474.00				0.00000		0	0
	Nasik		1,521.00				155.44		0	1048
	Pune		2,208.00				23.84		0	150
	Jalgaon						144.24		0	905
	Baramati						139.99		0	944
1.1	Unmetered Hrs<1318		980.00	3852	321		326.55		1926	2181
	Akola						27.28			
	Amravati		922.00	484			41.99		0	374
	Aurangabad		1,224.00	1130			71.24		0	478
	Kalyan		1,300.00	30			0.02		0	0
	Konkan		533.00	0			0.00		0	0
	Kolhapur		1,198.00	1814			18.47		0	116
	Latur		1,241.00	1567			92.20		0	620
	Nagpur (U)		644.00	68			1.88		0	15
	Nagpur		778.00	141			0.000		0	0
	Chandrapur						0.000			
	Gondia						0.000			
	Nanded						73.47		0	469
1.2	LT-Unmetered PWW								0	0
	Total	0	2,714.33	8982	748.50		716.96		4491	5229

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

Title Form 3: Energy Availability

Sr. No.	Source of Generation/Power Purchase	Unit	ORDER FY 15-16	Sep-16			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			123.42	-
	Koradi 9	MU	1,781.00	148.42			148.42	-
	Koradi 8	MU	2,962.00	246.83	254.38		246.83	1,499.20
	Chandrapur 8	MU	2,170.00	180.83	152.10		180.83	516.35
	Chandrapur 9	MU	1,562.00	130.17	-		130.17	-
	Paras 3 and 4	MU	3,125.00	260.42	248.27		260.42	1,659.23
	khaperkheda	MU	5,330.00	444.17	216.03		444.17	1,629.96
	parli 8	MU	451.00	37.58	-		37.58	-
	khaperkheda 5	MU	3,072.00	256.00	243.51		256.00	1,543.07
	Chandrapur	MU	11,562.00	963.50	910.74		963.50	5,450.99
3430.3	Hydel Stations	MU	4,612.00	384.33	273.28		384.33	1,671.69
	Subtotal	MU	38,108.00	3,175.67	2,298.31		3,175.67	13,970.48
2.0	Net Power Purchase ²	MU						
	Central Gen Stns		29,696.00	2,474.67	2,408.74		2,474.67	15,307.34
	Korba	MU	4,661.00	388.42	381.26		388.42	2,351.80
	Korba III	MU	936.00	78.00	82.04		78.00	522.28
	Vindhyanchal - I	MU	3,268.00	272.33	186.24		272.33	1,279.59
	Vindhyanchal - II	MU	2,548.00	212.33	151.49		212.33	931.29
	Vindhyanchal-III	MU	2,123.00	176.92	126.98		176.92	1,024.85
	Vindhyanchal-IV	MU	2,292.00	191.00	156.64		191.00	1,113.52
	Vindhyanchal-V	MU	557.00	46.42	99.83		46.42	632.29
	Kawas - APM	MU	-	-	17.07		-	190.97
	Gandhar - APM	MU	-	-	37.12		-	309.85
	Farrakka	MU	-	-	-		-	-
	Talcher	MU	-	-	-		-	-
	Kahalgaon	MU	-	-	-		-	-
	Kahalgaon II unit	MU	-	-	42.96		-	415.71
	Sipat - Unit 1	MU	4,363.00	363.58	374.78		363.58	2,282.82
	Sipat Unit 2	MU	2,068.00	172.33	182.26		172.33	1,082.46
	Mouda	MU	-	-	26.997		-	648.50
	Kakrapar	MU	1,050.00	87.50	-		87.50	(1.89)
	Tarapur 1 & 2	MU	1,200.00	100.00	106.56		100.00	403.12
	Tarapur 3 & 4	MU	3,300.00	275.00	281.14		275.00	1,521.06
	RCPP	MU	-	-	-		-	-
	Sardar Sarovar	MU	1,200.00	100.00	127.36		100.00	549.85
	Pench	MU	130.00	10.83	28.03		10.83	49.28
	HYDRO PLANT		120.00	10.00	7.98		10.00	35.50
	Dodson - I	MU	56.00	4.67	7.985		4.67	22.05
	Dodson - II	MU	64.00	5.33	-		5.33	13.45
	Renewables	MU	13,195.00	1,099.58	714.88		1,099.58	5,620.58
	Wind Purchase & Bio mass Bagnase	MU	1,977.00	164.75	75.17		164.75	396.43
	Solar	MU	11,218.00	934.83	586.461		934.83	4,935.06
	MSW	MU	-	-	29.046		-	201.07
	Other Hydro	MU	-	-	0.000		-	0.01
		MU	-	-	24.20		-	88.02
	Other Purchases	MU	30,491.00	2,540.92	2,573.81		2,540.92	12,634.36
	JPP JSW	MU	1,913.00	159.42	183.36		159.42	1,104.79
	Mundra UMPP CGPI	MU	5,158.00	429.83	495.90		429.83	2,343.89
	Adani Power 1320	MU	8,511.00	709.25	823.43		709.25	3,432.14
	Adani Power 1200	MU	8,220.00	685.00	779.92		685.00	3,365.67
	Adani Power 125	MU	-	-	81.24		-	350.59
	Emco Energy	MU	1,370.00	114.17	137.73		114.17	684.92
	INDIABULL/RattanIndia	MU	5,319.00	443.25	72.23		443.25	1,352.86
	Traders	MU	-	-	698.73		-	6,010.08
	IEX power	MU	-	-	-		-	25.62
	Sai Wardha Power	MU	-	-	-		-	-
	MSPGCL Infirm	MU	-	-	-		-	-
	PXIL	MU	-	-	-		-	1.45
	bhusawal		-	-	3.53		-	507.41
	koradi		-	-	51.82581		-	329.00
	nashik		-	-	221.67		-	1,612.58
	Parli		-	-	-0.723469		-	(1.43)
	uran		-	-	215.35		-	1,477.26
	parli 6 7		-	-	(2.21)		-	(3.27)
	Bhusawal unit 4&5		-	-	209.286		-	2,061.46
	Inter state (grid) Losses	MU	(1,152.00)	(96.00)	(96.00)		(96.00)	(576.00)
	Unscheduled Interchange (UI)	MU	-	-	-		-	-
	Subtotal	MU	110,458.00	9,204.83	8,606.45		9,204.83	53,002.35
3.0	Energy Available	MU						
3.2	Net Generation + Net Power Purchase (1.6+2.0)	MU	110,458.00	9,204.83	8,702.45	Inter state (Grid)losses 96.00	9,204.83	53,578.35
3.3	Net Energy Available at Transmission Voltage	MU	110,458.00	9,204.83	8,702.45		9,204.83	53,578.35
3.4	Net Energy Available at distribution voltage	MU	106161	8,846.75	8,904.10		8,846.75	55,264.74
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 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 SEPT 2016
Prakashgad, Bandra (E), Mumbai.

Title Form 4: Losses

Sr. No.	Parameter	Unit	ORDER FY 15-16	Sep-16		Cumulative upto Month & Year	
				Order	Actual	Order	Actual
(A)	(B)	(C)	(D)	(E)	(F)	(I)	(J)
1.0	Transmission and Stepdown Loss¹						
1.1	Net Energy Input at transmission voltages (Net Generation + Net Purchase) *	MU	110,458.00	9,204.83	8702	55,229.00	53578
1.2	Energy Sales at transmission voltages	MU	-	-	0	-	0
1.3	Energy fed to Distribution System	MU	106161	8847	8904	53,080.50	55265
1.4	Transmission and Stepdown Loss (1.1 - 1.2 - 1.3)	MU	4297	358	-202	2148.50	-1686.39
1.5	Transmission and Stepdown Loss as % of Net Energy Input (1.4 / 1.1)	%	3.89%	3.89%	-2.32%	3.89%	-3.15%
2.0	Distribution Loss¹						
2.1	Net Energy Input (input from Transmission System + net energy input at distribution voltages)	MU	106,608.00	8,884.00	8904.10	53,304.00	55306
2.2	Energy Sales (Metered) at distribution voltages	MU	83234	6936	7002.33	41,617.00	43788.56
2.3	Estimated Consumption for Unmetered Categories	MU	8982	749	716.96	4,491.00	4521.08
2.4	Distribution Loss (2.1 - 2.2 - 2.3)	MU	14392	1199	1184.81	7,196.00	6,996.29
2.5	Distribution Loss as % of net energy input (2.4 / 2.1)	%	13.50%	13.50%	13.31%	13.50%	12.65%
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	8702.45	55,229.00	53578
3.2	Energy Sales (Metered + Unmetered) (1.2+2.2+2.3)	MU	92216.00	7,684.67	7719.29	46,108.00	48310
3.3	T&D Loss (3.1 - 3.2)	MU	18242.00	1,520.17	983.16	9,121.00	5268.71
3.4	T&D Loss as % of Net Energy Input (3.3 / 3.1)	%	16.51%	16.51%	11.30%	16.51%	9.83%
4.0	Excess T&D Loss = T&D Loss (3.3) - T&Dapp x Net Energy Input (3.1)	MU			0		

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

Title Form 5: Power Purchase Cost										
Sr. No.	Power Purchase Source2	ORDER FY 15-16			Order for Month & Year			Sep-16		
		Net Purchase3	Var. Cost5	Var. Cost Amt4	Net Purchase3	Var. Cost5	Var. Cost Amt4	Net Purchase	Tariff 6	PP Amt7
		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)
	MSPGCL									
	Koradi 10	1,481.00	1.25	18,512.50	123.42	1.25	1,542.71	-		
	Koradi 9	1,781.00	1.25	22,262.50	148.42	1.25	1,855.21	-		
	Koradi 8	2,962.00	1.25	37,025.00	246.83	1.25	3,085.42	254.38	2.33	5,914.36
	Chandrapur 8	2,170.00	1.26	27,342.00	180.83	1.26	2,278.50	152.10	2.31	3,505.79
	Chandrapur 9	1,562.00	1.26	19,681.20	130.17	1.26	1,640.10	-		
	Paras 3 and 4	3,125.00	1.87	58,574.38	260.42	1.87	4,881.20	248.27	2.44	6,067.82
	khaperkheda	5,330.00	2.17	115,519.17	444.17	2.17	9,626.60	216.03	2.55	5,500.05
	parli 8	451.00	2.27	10,237.70	37.58	2.27	853.14	-		
	khaperkheda 5	3,072.00	2.23	68,566.49	256.00	2.23	5,713.87	243.51	2.35	5,712.69
	Chandrapur	11,562.00	2.47	285,212.57	963.50	2.47	23,767.71	910.74	2.28	20,764.97
	Total MSPGCL	33,496.00	1.98	662,933.50	2,791.33	1.98	55,244.46	2,025.03	2.34	47,465.68
	Central Gen Stns	29,696.00	1.46	432,869.00	2,474.67	1.46	36,072.42	2,327.56	1.78	41,450.23
	Korba	4,661.00	1.13	52,669.30	388.42	1.13	4,389.11	381.26	1.46	5,561.48
	Korba III	936.00	1.12	10,483.20	78.00	1.12	873.60	82.04	1.43	1,177.17
	Vindhyanchal - I	3,268.00	1.62	52,941.60	272.33	1.62	4,411.80	186.24	1.86	3,471.69
	Vindhyanchal - II	2,548.00	1.54	39,239.20	212.33	1.54	3,269.93	151.49	1.85	2,801.11
	Vindhyanchal-III	2,123.00	1.50	31,845.00	176.92	1.50	2,653.75	126.98	1.88	2,381.22
	Vindhyanchal-IV	2,292.00	1.53	35,067.60	191.00	1.53	2,922.30	156.64	1.84	2,883.64
	Vindhyanchal-V	557.00	1.53	8,522.10	46.42	1.53	710.18	99.83	1.82	1,815.07
	Farrakka	-	2.86	-	-	2.86	-	-	-	-
	Talcher	-	2.67	-	-	2.67	-	-	-	-
	Kahalgaon	-	-	-	-	-	-	-	-	-
	Kahalgaon II unit	-	2.69	-	-	-	-	42.96	2.45	1,053.42
	Sipat - Unit 1	4,363.00	1.58	-	363.58	2.69	-	374.78	1.37	5,140.16
	Sipat Unit 2	2,068.00	1.60	33,088.00	172.33	1.60	2,757.33	182.26	1.42	2,588.48
	Kakrapar	1,050.00	2.46	25,830.00	87.50	2.46	2,152.50	-	-	-
	Tarapur 1 & 2	1,200.00	1.04	12,480.00	100.00	1.04	1,040.00	106.56	1.08	1,145.76
	Tarapur 3 & 4	3,300.00	3.07	101,310.00	275.00	3.07	8,442.50	281.14	2.93	8,245.54
	RGPP	-	-	-	-	-	-	-	-	-
	Sardar Sarovar	1,200.00	2.21	26,520.00	100.00	2.21	2,210.00	127.36	2.05	2,610.79
	Pench	130.00	2.21	2,873.00	10.83	2.21	239.42	28.03	2.05	574.70
	HYDRO PLANT	120.00	2.12	2,543.20	10.00	2.12	211.93	7.98	3.38	269.90
	Dodson - I	56.00	2.45	1,372.00	4.67	2.45	114.33	7.98	1.96	156.65
	Dodson - II	64.00	1.83	1,171.20	5.33	1.83	97.60	-	4.98	113.25
	Renewables	13,195.00	5.32	701,388.50	1,099.58	5.32	58,449.04	714.88	5.23	37,407.27
	CPP	1,977.00	2.51	49,622.70	164.75	2.51	4,135.23	75.17	1.47	1,107.16
	Wind Purchase & Bio mass Baggase	11,218.00	5.81	651,765.80	934.83	5.81	54,313.82	586.46	5.45	31,952.18
	Solar	-	-	-	-	-	-	29.05	11.49	3,338.66
	MSW	-	-	-	-	-	-	-	#DIV/0!	-
	Other Hydro	-	-	-	-	-	-	24.20	4.17	1,009.27
	Other Purchases	30,491.00	1.90	580,035.40	2,540.92	1.90	48,336.28	2,492.56	1.76	43,902.68
	IPP JSW	1,913.00	2.05	39,216.50	159.42	2.05	3,268.04	183.36	1.72	3,159.57
	Mundra UMPP	5,158.00	1.55	79,949.00	429.83	1.55	6,662.42	495.90	1.29	6,412.05
	CGPL	-	-	-	-	-	-	-	-	-
	Adani Power 1320	8,511.00	1.55	131,920.50	709.25	1.55	10,993.38	823.43	1.51	12,470.56
	Adani Power 1200	8,220.00	2.16	177,552.00	685.00	2.16	14,796.00	779.92	2.20	17,122.74
	Emco Energy	1,370.00	1.50	20,550.00	114.17	1.50	1,712.50	137.73	2.08	2,871.26
	INDIABULL/RattanIndia	5,319.00	2.46	130,847.40	443.25	2.46	10,903.95	72.23	2.58	1,866.49
	NON MOD Sources		4.00			4.00		860.56	2.70	23,194.39
	TEX power	-	-	-	-	-	-	-	-	-
	PXIL	-	-	-	-	-	-	-	-	-
	bhusawal	-	-	-	-	-	-	-	3.28	-
	koradi	-	-	-	-	-	-	51.83	2.69	1,392.56
	nashik	-	-	-	-	-	-	221.67	4.30	9,527.41
	Parli	-	-	-	-	-	-	-	0.12	-
	uran	-	-	-	-	-	-	215.35	2.02	4,350.12
	parli 6 7	-	-	-	-	-	-	-	0.16	-
	Bhusawal unit 4&5	-	-	-	-	-	-	209.29	2.22	4,639.86
	Kawas - APM	-	-	-	-	-	-	17.07	2.22	379.59
	Gandhar - APM	-	-	-	-	-	-	37.12	2.16	803.03
	Mouda	-	-	-	-	-	-	27.00	1.18	318.20
	Adani Power 125	-	-	-	-	-	-	81.24	2.20	1,783.62
	Inter state (grid) Losses	-	-	-	-	-	-	(96.00)	-	-
	Unscheduled Interchange (UI)	-	-	-	-	-	-	-	-	-
	Total Power Purchase	106,998.00	2.22	2,379,769.60	8,916.50	2.22	198,314.13	8,332.58	2.32	193,690.15

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	2.32
3.0	Change in variable cost of generation and power purchase (2.0-1.0)	Rs/kWh	0.10
4.0	Generation ¹ + Net Power Purchase (Table No.6.1 Sr. No.4.0, Col. No. (L))	MU	8,332.58
5.0	Change in variable cost of generation and power purchase (3.0 x 4.0)	Rs Lakh	8,363.20

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

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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			-

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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			-

Notes:

- 1 Please consider entire hydel generation allocated to Energy Sales within License Area
- 2 Apportionment of generation and power purchase to Energy Sales within License Area = Energy Sales within License Area / (1 + Actual T&D Loss) - allocated hydel generation
- 3 Apportionment of generation and power purchase to Energy Sales outside License Area = Energy Sales Outside License Area / (1 + Actual T&D Loss)
- 4 In (2) and (3) above, HT/EHT loss data would be used instead of overall T&D loss, as and when data becomes available

MSEDCL

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

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

Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Adjustment for over-recovery/under-recovery ('B')		
1.1	Incremental cost allowed to be recovered in Month Jun 16	Rs Lakh	7,744.01
1.2	Incremental cost actually recovered in month Sept 16	Rs Lakh	15,168.71
1.3	under recovery /over recovery	Rs Lakh	(7,424.71)
1.5	fbsm MPACT FOR Aug 2015	Rs Lakh	2,411.64
1.6	refund of Incentive claim of excess distribution loss disallowed by the MERC	Rs Lakh	(1,153.00)
	Adjustment factor for over-recovery/under-recovery	Rs Lakh	(6,166.07)

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	(7,424.71)
2.0	Interest rate	%	14.45%
3.0	Carrying cost for over-recovery/under-recovery	Rs Lakh	(178.81)

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	(7,424.71)
2.0	Interest rate	%	14.45%
3.0	Carrying cost for over-recovery/under-recovery	Rs Lakh	(178.81)

Note:- Rs.12.7213664Crs is the interest on Working Capital for the month of Feb 12 actually incurred by the Company.

Notes

- 1 Please provide supportings evidencing that interest on working capital has been incurred and is within the limits specified by the Commision

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	8,363.20
2.0	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	(178.81)
3.0	Adjustment factor for over-recovery/under-recovery (B)	Rs Lakh	(6,166.07)
4.0	$Z_{FAC} = F+C+B$	Rs Lakh	2,018.32
5.0	Any unpredictable and uncontrollable expenses incurred (Z) ¹	Rs Lakh	0
6.0	FOCA (A) = C + I + B + Z	Rs Lakh	2,018.32

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	8,363.20
2.0	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	(178.81)
3.0	Adjustment factor for over-recovery/under-recovery (B)	Rs Lakh	(6,166.07)
4.0	$Z_{FAC} = F+C+B$	Rs Lakh	2,018.32
5.0	Any unpredictable and uncontrollable expenses incurred (Z) ¹	Rs Lakh	0
6.0	FOCA (A) = C + I + B + Z	Rs Lakh	2,018.32

Notes:

1 Please provide basis of calculation and supporting documents

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	6,926.90
2.0	Estimated Consumption within License Area (Table 1.2)	MU	716.96
3.0	Excess Distribution Loss	MU	-
4.0	Z _{FAC}	Rs Lakh	2,018.32
5.0	Z _{FAC} per kWh	Paise/kWh	2.64
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	0.026405

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

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	1.08		-
	LT-AG (< 1318 Hours per year)	980.00	0.75		-
	Total				

Notes:

1 Round off FOCA Charge to 1 decimal

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

MSEDCL

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

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	2018.32
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

MSEDCL

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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	8,363.20
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs Lakh	(178.81)
1.3	Adjustment factor for over-recovery/under-recovery (B)		(6,166.07)
1.4	Z_{FAC} = F+C+B	Rs Lakh	2,018.32
2.0	Calculation of FAC Charge		
2.1	Energy Sales within the License Area	MU	7,643.86
2.2	Excess Distribution Loss	MU	-
2.3	FAC Charge (FAC _{kWh}) without considering cap on monthly FAC Charge	Paise/kWh	2.64
2.4	Z _{FAC} per kWh	Paise/kWh	2.64
2.5	FAC Charge (FAC_{kWh}) considering cap on monthly FAC Charge	Rs/kWh	0.0264
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	2,018.32
3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	-
3.3	FAC (A) charged as per 8.3 categorywise and slabwise 1	Rs Lakh	2,018.32
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	-
3.7	Actual FAC charged in current month categorywise and slabwise 5.	Rs Lakh	2,018.32
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

