

Title Form 1: Energy Sales - Metered								
Sr. No.	Consumer Category	Unit	ORDER FY	May-15		Reasons for material variation	Cumulative upto Month & Year	
			12-13	Order	Actual		Order	Actual
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
1.00	Energy Sales in License Area1							
	LT - Categories							
	LT I - Domestic							
	BPL Consumers	MU	217.00	18.08	6.07		36.17	11.60
	Other Domestic	MU	14,932.00	1,244.33	1,820.18		2,488.67	3,448.26
	LT II - Commercial	MU	3,958.00	329.83	407.44		659.67	777.84
	LT III - Water Works	MU	539.00	44.92	56.21		89.83	111.21
	LT IV - Agriculture	MU	10,660.00	888.33	1,307.20		1,776.67	2,615.16
	LT V - Industrial & Power Loom	MU	5,347.00	445.58	680.62		891.17	1,384.60
	Bhivandi Franchisee	MU	-	-	-		-	-
	LT VI - Streetlight	MU	-	-	-		-	-
	Grampanchayat & Municipal Council	MU	831.00	69.25	-		138.50	259.67
	Municipal Corporation Areas			-	127.48		-	-
	LT VII - Temporary	MU	-	-	-		-	-
	Temporary Connections (Religious)	MU	68.00	5.67	-		11.33	2.68
	Temporary Connections (Other Purpose)	MU	-	-	1.32		-	-
	LT VIII - Advt & Hoardings	MU	4.00	0.33	0.283989		0.67	0.57
	LTIX - Crematoriums	MU	2.00	0.17	0.11		0.33	0.24
	LTX - Public Services	MU	-	-	25.16		0.00	48.73
	HT - Categories							
	HT I - Industries							
	Continuous	MU	18,554.20	1,546.18	984.90		4,714.40	4,045.99
	Non-Continuous		9,732.20	811.02	1,040.25			
	Seasonal Industry	MU	148.20	12.35	3.87		24.70	11.20
	HT II - Commercial	MU	2,140.20	178.35	206.94		356.70	397.32
	HT III - Railways	MU	1,460.20	121.68	127.84		243.37	252.38
	HT IV - Water Works	MU	-	-	-		-	-
	Express Feeders	MU	969.20	80.77	135.83		161.53	268.53
	Non-Express Feeders		219.20	18.27	19.50		36.53	38.41
	HT V - Agriculture (Includes Poultry)	MU	714.60	59.55	105.50		119.10	199.70
	HT VI - Bulk Supply	MU	-	-	-		-	-
	Residential (Group Housing)		328.20	27.35	22.06		54.70	42.78
	Commercial Complex		-	-	-		-	-
	HT IX Pub Service	MU	-	-	80.97		-	158.64
	HT Port	MU	-	-	6.98		-	13.58
	Others	MU	-	-	481.97		-	886.92
	Subtotal	MU	70,824.20	5,902.02	7,648.69		11,804.03	14,976.03
2.0	Energy Sales outside License Area excluding Energy Sales reported at (3)							
4.0	Total Energy Sales (1.0 + 2.0 + 3.0)	MU	70,824.20	5,902.02	7,648.69		11,804.03	14,976.03
5.0	Total Energy Sales excluding Energy Sales corresponding to specific utilisation of a particular Unit/Station as per Order (1.0 + 2.0)	MU	70,824.20	5,902.02	7,648.69		11,804.03	14,976.03

Table 1.2
 Title Energy Sales - UnMetered

Form 2: Energy Sales - Unmetered

Sr. No.	Consumer Category ¹	ORDER FY 12-13			May-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	4454	371		654.17		742	1308
	Bhandup (U)		1,474.00	0	0		0.00000		0	0
	Nasik		1,521.00	3015	251		252.41		503	505
	Pune		2,208.00	1439	120		23.69		240	47
	Jalgaon				0		157.95		0	316
	Baramati				0		220.12		0	440
1.1	Unmetered Hrs < 1318		980.00	6226	519		432.53		1038	865
	Amravati		922.00	576	48		91.09		96	182
	Aurangabad		1,224.00	1344	112		79.02		224	158
	Kalyan		1,300.00	36	3		0.03		6	0
	Konkan		533.00	0	0		0.00		0	0
	Kolhapur		1,198.00	2156	180		20.58		359	41
	Latur		1,241.00	1864	155		174.71		311	349
	Nagpur (U)		644.00	81	7		3.20		13	6
	Nagpur		778.00	170	14		0.000		28	0
	Nanded				0		63.89		0	128
1.2	LT-Unmetered PWW			0	0				0	0
	Total	0	2,714.33	10680	890.03		1086.70		1780	2173

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

Notes

- 1 Please report Estimated Consumption for all unmetered consumer categories
- 2 Norm: Annual Consumption Norm
- 3 EC_{UM}: Estimated Consumption for Unmetered energy sales

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

FAC For MAY 2015

Form 3: Energy Availability								
Sr. No.	Source of Generation/Power Purchase	Unit	FY 2013-14	May-15			Cumulative upto Month & Year	
				Order	Order	Actual	Reasons for material variation	Order
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
0.9	MSPGCL	MU						
5311.6	Khaparkheda	MU	4,751.18	395.93	421.49074		791.86	661.36
2625.5	Bhusawal	MU	2,348.47	195.71	(2.28013)		391.41	65.36
3894.1	Nasik	MU	3,483.22	290.27	353.34745		580.54	690.88
3915.3	Parli	MU	3,502.17	291.85	122.57199		583.70	237.07
3875.3	Koradi	MU	3,466.40	288.87	183.02894		577.73	339.97
14937.6	Chandrapur	MU	13,361.57	1,113.46	983.80027		2,226.93	2,061.58
1594.3	Paras 3	MU	1,426.11	118.84	126.489766		237.68	247.13
1594.3	parli 6	MU	1,426.11	118.84	143.583		237.68	249.11
1594.3	Parli -7	MU	1,426.11	118.84	131.082		237.68	265.61
1594.3	Paras -4	MU	1,426.11	118.84	149.209394		237.68	251.19
1909.9	KPKD 5	MU	1,909.86	159.16	274.59900		318.31	580.64
797.2	Bhusawal 4	MU	797.16	66.43	296.59908		132.86	550.95
4596.4	Gas Thermal	MU	4,111.40	342.62	195.44684		685.23	361.90
	Bhusawal 5	MU	-	-	264.62692		-	-
	Gas Thermal (RLNG)	MU	-	-	-		-	-
3430.3	Hydel Stations	MU	3,430.30	285.86	629.40623		571.72	1,322.64
	Subtotal	MU	46,866.17	3,905.51	4,273.00149		7,811.03	7,885.40
2.0	Net Power Purchase ²	MU						
	Central Gen Stns		34,777.82	2,942.60	2,542.00	-	5,885.20	4,993.64
	Korba	MU	5,400.00	450.00	430.51	-	900.00	771.28
	Korba III	MU	686.78	57.23	92.93	-	114.46	184.19
	Vindhyanchal - I	MU	3,516.00	293.00	273.24	-	586.00	534.03
	Vindhyanchal - II	MU	2,940.00	245.00	231.34	-	490.00	463.16
	Vindhyanchal-III	MU	2,400.00	200.00	198.70	-	400.00	402.59
	Vindhyanchal-IV	MU	381.00	76.20	221.55	-	152.40	432.44
	Kawas - APM	MU	1,080.00	90.00	37.30	-	180.00	101.37
	Gandhar - APM	MU	1,020.00	85.00	29.89	-	170.00	83.45
	Farrakka	MU	-	-	-	-	-	-
	Talcher	MU	-	-	-	-	-	-
	Kahalgaon	MU	-	-	-	-	-	-
	Kahalgaon II unit	MU	720.00	60.00	85.06	-	120.00	175.43
	Sipat Stage II - Unit 1	MU	4,982.71	415.23	295.254	-	830.45	561.24
	Sipat Stage II - Unit 2	MU			199.662	-	-	402.71
	Mouda	MU			0.884	-	-	46.18
	Kakrapar	MU	760.40	63.37	61.03	-	126.73	112.97
	Tarapur 1 & 2	MU	1,280.00	106.67	48.70	-	213.33	100.25
	Tarapur 3 & 4	MU	3,292.93	274.41	269.13	-	548.82	519.55
	RGPLL -	MU	5,256.00	438.00	-	-	876.00	-
	Sardar Sarovar	MU	990.00	82.50	63.45	-	165.00	97.38
	Pench	MU	72.00	6.00	3.35	-	12.00	5.42

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

FAC For MAY 2015

Form 3: Energy Availability								
Sr. No.	Source of Generation/Power Purchase	Unit	FY 2013-14	May-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		131.00	10.92	7.38	-	21.83	18.73
	Dodson - I	MU	42.00	3.50	1.648		7.00	7.76
	Dodson - II	MU	89.00	7.42	5.734		14.83	10.97
	Renewables	MU	8,643.30	720.28	861.32	-	1,440.55	1,574.24
	Other Hydro	MU	194	16.13	7.585		32.25	19.67
	Wind Purchase & Bio mass Bagasse	MU	7,259	604.90	743.458		1,209.80	1,355.43
	CPP	MU	900.00	75.00	77.63		150.00	129.87
	Solar	MU	271.50	22.63	32.599		45.25	69.16
	MSW	MU	19.50	1.63	0.045		3.25	0.11
	Other Purchases	MU	4,687.75	712.05	1,332.13	1,774.10	1,424.09	2,532.72
	IPP JSW	MU	1,934.21	161.18	78.06		322.37	259.49
	Mundra UMPP CGPI	MU	1,610.96	170.00	383.83		340.00	804.32
	Adani Power 1320	MU	1,142.59	380.86	870.24	1,774	761.73	1,468.91
	INDIABULL	MU						
	Traders	MU	10,675.00	889.58	1,361.02		1,779.17	2,687.18
	LANCO/NESTCL	MU						
	NVVN	MU						
	JPL	MU						
	TPTCL	MU						
	WBSIEDCL	MU						
	RETL	MU						
	IEX power	MU			9.22			33.17
	PTC	MU						
	SHREE CEMENT	MU						
	RPG PTCL	MU						
	jsw ptcl	MU						
	INSTINCT INFRA	MU						
	Adani infirm	MU						
	AEL	MU						
	Indrajeet power	MU						
	IDEAL Energy	MU						
	India Bull	MU			161.98			352.02
	Sai Wardha Power	MU			161.73			227.47
	M/S KNOWLEDGE INFRA	MU						
	India bull INFIRM POWER	MU						
	MSPGCL Infirm	MU						
	Adani 1200	MU			818.59			1,645.26
	Adani 125	MU			85.27			171.38
	Emco Energy	MU			116.76			248.64
	PXIL	MU			7.47			9.25
	Inter state (grid) Losses	MU	(1,309.00)	(109.08)	(109.08)		(218.17)	(218.17)
	Unscheduled Interchange (UI)	MU	-	-	-		-	-
	Subtotal	MU	1,04,472.04	9,071.85	10,267.76		18,143.71	19,473.75
3.0	Energy Available	MU						
3.2	Net Generation + Net Power Purchase (1.6+2.0)	MU	1,04,472.04	9,071.85	10,376.84	Inter state (Grid)losses 109.083333333333	26,139.74	20,194.92
3.3	Net Energy Available at transmission voltage	MU	1,08,537.00	9,044.75	10,401.84		18,089.50	20,244.92
3.4	Net Energy Available at distribution voltage	MU	103935	8,661.25	10,256.92		17,322.51	20,006.37
Note: 1. All the parameters and power purchase has been considered as per APR order FY22012-13 of MSEDCL & MSPGCL								
2. Power purchase have been considerd 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 MAY 2015
Prakashgad, Bandra (E), Mumbai.

Title **Form 4: Losses**

Sr. No.	Parameter	Unit	FY 2014-15	May-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	1,08,537.00	9,044.75	10402	18,089.50	20245
1.2	Energy Sales at transmission voltages	MU	-	-	0	-	0
1.3	Energy fed to Distribution System	MU	103935	8661	10257	17,322.51	20006
1.4	Transmission and Stepdown Loss (1.1 - 1.2 - 1.3)	MU	4602	383	145	766.99	238.55
1.5	Transmission and Stepdown Loss as % of Net Energy Input (1.4 / 1.1)	%	4.24%	4.24%	1.39%	4.24%	1.18%
2.0	Distribution Loss ¹						
2.1	Net Energy Input (input from Transmission System + net energy input at distribution voltages)	MU	1,04,442.03	8,703.50	10256.92	17,407.01	20030
2.2	Energy Sales (Metered) at distribution voltages	MU	77291	6441	7648.69	12,881.77	14998.84
2.3	Estimated Consumption for Unmetered Categories	MU	10680	890	1086.70	1,780.06	2173.40
2.4	Distribution Loss (2.1 - 2.2 - 2.3)	MU	16471	1373	1521.53	2,745.17	2,858.19
2.5	Distribution Loss as % of net energy input (2.4 / 2.1)	%	15.77%	15.77%	14.83%	15.77%	14.27%
3.0	Transmission and Distribution (T&D) Loss						
3.1	Net Energy Input (i.e. Net Generation + Net Power Purchase)	MU	1,08,537.00	9,044.75	10401.84	18,089.50	20245
3.2	Energy Sales (Metered + Unmetered) (1.2+2.2+2.3)	MU	87971.00	7,330.92	8735.39	14,661.83	17172
3.3	T&D Loss (3.1 - 3.2)	MU	20566.00	1,713.83	1666.45	3,427.67	3072.68
3.4	T&D Loss as % of Net Energy Input (3.3 / 3.1)	%	18.95%	18.95%	16.02%	18.95%	15.18%
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.

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

FAC For MAY 2015

Title Form 5: Power Purchase Cost																		
Sr. No.	Power Purchase Source ²	Order (FY 2012-13)			Order for Month & Year			May-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 ¹	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
	MSPGCL																	
	Khaparkheda	4751.18	2.38	1,13,078.08	395.93	2.38	9423.17	421.491	2.700254	11381.32	421.49	1349.84		11,381.32	2.70	661.36	17832.30	2.70
	Bhusawal	2348.47	3.25	76,325.38	195.71	3.25	6360.45	(2.280)	0.000000	0.00	-2.28	74.10		-	-	65.36	2262.22	3.46
	Nasik	3483.22	3.82	1,33,058.93	290.27	3.82	11088.24	353.347	4.197217	14830.76	353.35	1332.89		14,830.76	4.20	690.88	28023.79	4.06
	Parli	3502.17	2.63	92,107.13	291.85	2.63	7675.59	122.572	3.657874	4483.53	122.57	1259.89		4,483.53	3.66	237.07	8515.71	3.59
	Koradi	3466.40	2.80	97,059.25	288.87	2.80	8088.27	183.029	2.806437	5136.59	183.03	11.78		5,136.59	2.81	339.97	9646.36	2.84
	Chandrapur	13361.57	2.05	2,73,912.16	1113.46	2.05	22826.01	983.800	2.766397	27215.82	983.80	7047.92		27,215.82	2.77	2,061.58	58726.35	2.85
	Paras 3	1426.11	1.68	23,958.61	118.84	1.68	1996.55	126.490	1.999021	2528.56	126.49	403.53		2,528.56	2.00	247.13	5136.83	2.08
	parli 6	1426.11	1.94	27,666.49	118.84	1.94	2305.54	143.583	3.025603	4344.25	143.58	1558.74		4,344.25	3.03	249.11	7429.59	2.98
	parli u7	1426.11	1.98	28,236.94	118.84	1.98	2353.08	131.082	3.025603	3966.02	131.08	1370.60		3,966.02	3.03	265.61	7899.09	2.97
	Paras -4	1426.11	1.68	23,958.61	118.84	1.68	1996.55	149.209	1.999021	2982.73	149.21	476.01		2,982.73	2.00	251.19	5187.65	2.07
	KPKD 5	1909.86	2.78	53,094.11	159.16	2.78	4424.51	274.599	2.442920	6708.23	274.60	-925.62		6,708.23	2.44	580.64	14620.73	2.52
	Bhusawal 4	797.16	2.55	20,327.58	132.48	2.55	3378.24	296.599	2.839760	8422.70	296.60	859.43		8,422.70	2.84	550.95	15945.57	2.89
	Gas Thermal	4111.40	2.06	84,694.89	342.62	2.06	7057.91	195.447	2.882549	5633.85	195.45	1607.65		5,633.85	2.88	361.90	10411.74	2.88
	Total MSPGCL	43435.87		10,47,478.18	3685.71	2.41	88974.12	3,378.968	2.889473	97634.37	3379	16426.74	28966.23	97634.37	2.89	6,562.76	191637.94	2.92
	Central Gen Stns	34,777.82	1.64	5,69,859.95	2,942.60	1.64	48,249.09	2,541.11	1.63	41,545.41	2,541.11	-	-	41,545.41	1.63	4,947.46	82427.93	0.20
	Korba	5,400.00	0.79	42,441.56	450	0.79	3,536.80	430.513	1.0110	4352.49	431		0	4,352.49	1.01	771.28	7488.67	0.97
	Korba III	686.78	0.78	5,335.93	57	0.78	444.66	92.928	1.0000	929.28	93		0	929.28	1.00	184.19	1765.93	0.96
	Vindhanchal - I	3,516.00	1.53	53,669.30	293	1.53	4,472.44	273.243	1.5802	4317.77	273		0	4,317.77	1.58	534.03	8758.15	1.64
	Vindhanchal -	2,940.00	1.44	42,262.71	245	1.44	3,521.89	231.340	1.4917	3450.99	231		0	3,450.99	1.49	463.16	7147.68	1.54
	Vindhanchal-III	2,400.00	1.44	34,642.34	200	1.44	2,886.86	198.699	1.4884	2957.52	199		0	2,957.52	1.49	402.59	6225.23	1.55
	Vindhanchal-IV	381.00	1.71	6,520.82	76	1.71	1,304.16	221.554	1.4878	3296.25	222		0	3,296.25	1.49	432.44	6657.57	1.54
	Kawas - APM	1,080.00	2.44	26,341.24	90	2.44	2,195.10	37.299	3.1207	1163.99	37		0	1,163.99	3.12	101.37	3149.04	3.11
	Gandhar - APM	1,020.00	2.51	25,612.96	85	2.51	2,134.41	29.892	3.0152	901.31	30		0	901.31	3.02	83.45	2544.62	3.05
	Farrakka	-	-	-	0	-	-	-	-	0.00	0		0	-	-	-	-	0.00
	Talcher	-	-	-	0	-	-	-	-	0.00	0		0	-	-	-	-	0.00
	Kahalgaoon	-	-	-	0	-	-	-	-	0.00	0		0	-	-	-	-	0.00
	Kahalgaoon II unit	720.00	2.20	15,847.20	60	2.20	1,320.60	85.062	2.2510	1914.75	85		0	1,914.75	2.25	175.43	4023.09	2.29
	Sipat Stage II - Unit 1	4,982.71	1.01	50,128.41	415	1.01	4,177.37	295.254	1.4702	4340.95	295		0	4,340.95	1.47	561.24	8194.97	1.46
	Sipat Stage II - Unit 2	-	-	-	-	-	-	-	-	1.4742	2943.37	200		2,943.37	1.47	402.71	5873.20	1.46
	Mouda	-	-	-	-	-	-	-	-	0.00	0	0.00	0	-	#DIV/0!	-	-	0.00
	Kakrapar	760.40	2.29	17,405.18	63	2.29	1,450.43	61.033	2.3736	1448.67	61		0	1,448.67	2.37	112.97	2681.37	2.37
	Tarapur 1 & 2	1,280.00	1.01	12,967.08	107	1.01	1,080.59	48.698	0.9716	473.14	49		0	473.14	0.97	100.25	973.86	0.97
	Tarapur 3 & 4	3,292.93	2.89	95,235.10	274	2.89	7,936.26	269.128	2.8557	7685.41	269		0	7,685.41	2.86	519.55	14837.16	2.86
	RGPL	5,256.00	2.28	1,19,679.12	438	2.28	9,973.26	-	0.00	0.00	0		0	-	#DIV/0!	-	-	0.00
	Sardar Sarovar	990.00	2.05	20,295.00	83	2.05	1,691.25	63.452	2.0500	1300.76	63		0	1,300.76	2.05	97.38	1996.33	2.05
	Pench	72.00	2.05	1,476.00	6	2.05	123.00	3.354	2.0500	68.77	3		0	68.77	2.05	5.42	111.05	2.05
	HYDRO PLANT	131.00	1.77	2,314.90	10.92	1.77	192.91	7.381	2.144	158.28	7.38		-	158.28	2.14	18.73	422.17	0.27
	Dodson - I	42.00	2.10	882.00	4	2.10	73.50	1.648	2.475	40.78	2		0	40.78	2.48	7.76	187.17	2.41
	Dodson - II	89.00	1.61	1,432.90	7	1.61	119.41	5.734	2.049	117.50	6		0	117.50	2.05	10.97	235.00	2.14
	Renewables	8,643.30	4.49	3,87,869.67	720.28	4.49	32,322.47	861.32	5.32	45,835.05	861.32		-	45,835.05	5.32	1,574.24	86374.35	5.49
	Other Hydro	193.50	4.52	8,746.20	16	4.52	728.85	7.59	3.94	298.82	8		0	298.82	3.94	19.67	746.30	3.79
	Wind Purchase & Bio mass	7,258.80	4.52	3,27,734.82	605	4.52	27,311.24	743.46	5.34	39694.90	743		0	39,694.90	5.34	1,355.43	74499.08	5.50
	CPP	900.00	4.25	38,250.00	75	4.25	3,187.50	77.63	2.10	1629.15	78		0	1,629.15	2.10	129.87	2777.02	2.07
	Solar	271.50	4.52	12,258.23	23	4.52	1,021.52	32.60	12.91	4,210.00	33		-	4,210.00	12.91	69.16	8346.70	12.07
	MSW	19.50	4.52	880.43	2	4.52	73.37	0.04	4.88	2.17	0		0	2.17	4.88	0.11	5.25	4.88
	Other Purchases	4,687.75	1.58	74,161.67	712.05	1.51	10,762.90	1,332.13	1.47	19,562.65	1,332.13		-	19,562.65	1.47	2,532.72	37797.63	1.49
	IPP JSW	1,934.21	1.89	36,556.53	161	1.89	3,046.38	78.06	1.91	1493.79	78		0	1,493.79	1.91	259.49	4997.24	1.93
	Mundra UMPP	1,610.96	1.31	21,151.86	170	1.31	2,232.10	383.83	1.44	5537.44	384		0	5,537.44	1.44	804.32	11648.04	1.45
	Adani Power 1320	1,142.59	1.44	16,453.28	381	1.44	5,484.43	870.24	1.44	12531.42	870		0	12,531.42	1.44	1,468.91	21152.35	1.44

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

FAC For MAY 2015

Title Form 5: Power Purchase Cost																			
Sr. No.	Power Purchase Source ²	Order (FY 2012-13)			Order for Month & Year			May-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	
	INDIABULL	-		-		-	-	-											
	Traders	10675	4.50	4,80,375.00	890	4.50	40,031.25	1627	3.65	59304	1627	-	0	59304	3.65	3236	118030	3.65	
	LANCO/NESTCL	10,675.00		-	889.58							0	-	0		-	0.00	#DIV/0!	
	NVVN											0	-	0		-	0.00	#DIV/0!	
	JPL									0.00		0	-	0		-	0.00	#DIV/0!	
	TPTCL									0.00		0	-	0		-	0.00	#DIV/0!	
	WBSEDCL											0	-	0		-	0.00	#DIV/0!	
	RETL									0.00		0	-	0		-	0.00	#DIV/0!	
	IEX power							9.22	2.76	254.50		9	-	254.50	2.76	33.17	923.92	2.79	
	PTC											0	-			-	0.00	#DIV/0!	
	SHREE CEMENT											0	-	0		-	0.00	#DIV/0!	
	RPG PTCL									0.00		0	-	0		-	0.00	-	
	jsw ptcl									0.00		0	-	0		-	0.00	-	
	INSTINCT INFRA									0.00		0	-	0		-	0.00	-	
	Adani infirm											0	-	0		-	0.00	-	
	AEL									0.00		0	-	0		-	0.00	-	
	Indrajeet power									0.00		0	-	0		-	0.00	-	
	IDEAL Energy									0.00		0	-	0		-	0.00	-	
	Ratan India Ltd.							161.98	2.88	4664.71		162	-	0	4,664.71	2.88	352.02	10451.32	2.97
	Sai Wardha Power							161.73	2.93	4738.69		162	-	0	4,738.69	2.93	227.47	6664.78	2.93
	M/S KNOWLEDGE rattan india infirm									0.00		0	-	0		-	0.00	-	
	MSPGCL Infirm											0	-	0		-	0.00	-	
	Adani 1200							818.59	3.331	27264.96		819	-	0	27,264.96	3.33	1,645.26	54200.84	3.29
	Adani 125							85.27	3.331	2840.10		85	-	0	2,840.10	3.33	171.38	5645.92	3.29
	mauda							0.88	402.272	3557.97		1	-	0	3,557.97	402.27	46.18	8804.31	19.07
	Emco Energy							116.76	2.785	3251.42		117	-	0	3,251.42	2.78	248.64	6701.69	2.70
	PXIL							7.47	2.578	192.58		7	-	0	192.58	2.58	9.25	224.95	2.43
	bhusawal 5							264.63	4.739	12539.48		265	-	0	12,539.48	4.74	503.00	24412.13	4.85
	Inter state (grid) Losses	(1,309.00)		-	(109)		-	(109.08)				(109)	-	0		-	(218.17)	0.00	-
	Unscheduled Interchange (UI)	-		-	0		-					0	-	0		-	0.00	#DIV/0!	
	Total Power Purchase	1,01,041.74	2.5356	25,62,059.36	8,852.05	2.4913	2,20,532.75	9,638.36	2.739	2,64,040.18		9,638.36	-		2,64,040.18	2.73947	18,654.11	516689.88	2.77

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

FAC For MAY 2015

Table 6.1
Title Composite variable cost of generation and power purchase

with Stpp

Sr. No.	Parameter	Order (FY 2012-13)			Order for Month & Year			May-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)	1,01,041.74	2.54	25,62,059.36	8,852.05	2.49	2,20,532.75	9,638.36	2.7395	2,64,040.18	9,638.36	2.7395	2,64,040.18	18,654.11	2.77	5,16,689.88	23,917.97
4.0	Own Generation + Net Power Purchase (1.0-2.0+3.0)	1,01,041.74	2.54	25,62,059.36	8,852.05	2.491319	2,20,532.75	9,638.36	2.74	2,64,040.18	9,638.36	2.73947	2,64,040.18	18,654.11	2.77	5,16,689.88	23917.96696

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC For MAY 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	2.49
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	2.74
3.0	Change in variable cost of generation and power purchase (2.0-1.0)	Rs/kWh	0.25
4.0	Generation ¹ + Net Power Purchase (Table No.6.1 Sr. No.4.0, Col. No. (L))	MU	9,638.36
5.0	Change in variable cost of generation and power purchase (3.0 x 4.0)	Rs Lakh	23,917.97

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC For MAY 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.	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 (Feb 15)	Rs Lakh	61,238.25
	Incremental cost in Month j-4 actually recovered in month j-2 (Nov 14)	Rs Lakh	15,585
1.3	under recovery /over recovery	Rs Lakh	45,653.01
2.0	C/F DUE TO FORMULA ERROR for regular FAC for Apr 15	Rs Lakh	7,048.83
3.0	Adjustment factor for over-recovery/under-recovery	Rs Lakh	7,048.83
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. MAY 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	
2.0	Interest rate	%	
3.0	Carrying cost for over-recovery/under-recovery	Rs Lakh	

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. DAY 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 cost (C) (Table 6.2, Sr. No.5.0 for FAC Mechanism or Table 6.3, Sr. No. 4.0 for FOCA Mechanism)	Rs Lakh	23,917.97
2.0	Interest on Working Capital (I) (Table 6.5, Sr. No. 3.0)	Rs Lakh	-
3.0	Adjustment factor for over-recovery/under-recovery (B) (Table 6.6, Sr. No. 3.0)	Rs Lakh	7,048.83
4.0	T & D Loss Adjustment for the year (Table 5.1, Sr.No.8.0)	Rs Lakh	-
5.0	FAC (A) = C + I + B (1.0 + 2.0 + 3.0)	Rs Lakh	30,966.80
6.0	Any unpredictable and uncontrollable expenses incurred (Z) ¹	Rs Lakh	
7.0	FOCA (A) = C + I + B + Z (4.0 + 5.0)	Rs Lakh	30,966.80

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. TAD or MAY 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 License Area (Table 1.1, Sr. No.5.0) *	MU	7,607.19
2.0	Estimated Consumption within License Area (Table 1.2)	MU	1,086.70
3.0	Excess T&D Loss (Table 1.4, Sr. No. 4.0)	MU	-
4.0	Total FAC (Table 6.7, Sr. No. 5.0) or Total FOCA (Table 6.7, Sr. No. 7.0)	Rs Lakh	30,966.80
5.0	FAC Charge (FAC _{kWh}) or FOCA Charge (FOCA _{kWh}) without considering cap on monthly Charge (4.0/(1.0+2.0+3.0))	Paise/kWh	35.62
6.0	Cap on monthly FAC/FOCA Charge	Rs/kWh	N.A.
6.1	Cap at 10% 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}) or FOCA Charge (FOCA _{kWh}) considering cap on monthly FAC Charge/FOCA Charge (lower of 5.0 and 6.3) ¹	Rs/kWh	0.356190

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 MAY 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	18.23		-
	LT-AG (< 1318 Hours per year)	980.00	8.39		-
	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	FAC (A)/ FOCA (A) considering cap on Monthly FAC/FOCA Charge (Table 7.1, Sr. No. 7.0 x (Table 7.1, Sr. No. 1.0 + Table 7.1, Sr. No. 2.0))	Rs Lakh	30966.80
2.0	FAC(A)/ FOCA (A) disallowed corresponding to excess T&D loss (Table 7.1, Sr. No. 7.0 x Table 7.1, Sr. No. 3.0)	Rs Lakh	0.00
3.0	Carried forward FAC (A)/ FOCA (A) for recovery during future period (Table 7.1, Sr. No. 4.0 - 1.0 - 2.0)	Rs Lakh	0.00

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. MAY 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 FAC (A)		
1.1	Disallowance of change in variable cost of generation corresponding to excess auxiliary consumption	Rs Lakh	-
1.2	Change in weighted average variable cost of generation and power purchase after accounting for disallowance of change in variable cost corresponding to excess auxiliary consumption	Rs Lakh	-
1.3	Apportionment of change in variable cost of generation and power purchase to License Area (C)	Rs Lakh	23,917.97
1.4	Working Capital Interest (I)	Rs Lakh	
1.5	T & D Loss Adjustment for the year		
1.6	Adjustment for Over Recovery/Under Recovery (B)	Rs Lakh	7,048.83
1.7	FAC (A) = C + I + B	Rs Lakh	30,966.80
2.0	Calculation of FAC _{kWh}		
2.1	Sale within License Area	MU	8,693.89
2.2	Excess T&D Loss	MU	-
2.3	FAC Charge (FAC _{kWh}) without considering cap on monthly FAC Charge	Paise/kWh	35.62
2.4	Cap on monthly FAC Charge	Paise/kWh	35.62
2.5	FAC Charge (FAC _{kWh}) considering cap on monthly FAC Charge	Rs/kWh	0.3562
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	30,966.80
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	25,558.51
3.4	C/f from Previous month 2.	Rs Lakh	-
3.5	Under/over recovery from 6.6 statement 3.	Rs Lakh	45,653.01
3.6	Total FAC to be charged in current month 4 = (1 + 2 + 3)	Rs Lakh	71,211.52
3.7	Actual FAC charged in current month categorywise and slabwise 5.	Rs Lakh	71,437.78
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 CO.LTD

FAC For MAY 2015

Sr. No.	Categories	energy charges	Average Cost of Supply	K - Factor-eng ch/ACoS	Actual FAC without CAP (Paise/Kw h)	Category wise FAC WITHOUT CAP (paise/Kw h)	Category wise FAC WITH CAP (paise/Kw h)	Monthly Sale in Mus/HP	RATE PER HP	FAC AMT WITHOUT CAP	c/f from last month	FAC to be charged in the month of FEB 15	Actual FAC charged in bill for the month of May 15	Under / Over Recovery	Amount for the month	FAC for the month	FAC AMT WITH CAP	Lower FAC Amt	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)	7.01	5.56	1.26	35.62	44.89	140.20	984.90		4421.66		12981.16	-3421.45683	16402.62	20824.27	211.43	13808.36	13808.36	140.20	7015.92			
B	HT-I - NonCont (Non Express Feeders)	6.33	5.56	1.14	35.62	40.54	126.60	1040.25		4217.10		11913.64	-3777.89062	15691.53	19908.63	191.38	13169.54	13169.54	126.60	6739.09			
C	HT-I - Seasonal Category	7.79	5.56	1.40	35.62	49.89	155.80	3.87		19.29	226.26	255.51	28.41614	227.09	472.64	1222.59	60.23	60.23	155.80	412.41			
2 HT-II Commercial																							
a	Express Feeder	10.45	5.56	1.88	35.62	66.93	209.00	68.89		461.03		1017.61	-257.09762	1274.71	1735.74	251.97	1439.75	1439.75	209.00	295.99			
b	Non-Express Feeder	9.83	5.56	1.77	35.62	62.95	196.60	138.06		869.12		1512.83	-362.74965	1875.58	2744.69	198.81	2714.16	2714.16	196.60	30.53			
Total HT II Commercial																							
3 HT-III Railways																							
		7.81	5.56	1.40	35.62	50.02	156.20	127.84		639.45		1798.53	-662.529114	2461.05	3100.50	242.52	1996.92	1996.92	156.20	1103.88			
4 HT-IV Public Water Works (PWW)																							
A	Express Feeders	5.05	5.56	0.91	35.62	32.34	101.00	135.83		439.31		916.80	312.55393	604.24	1043.55	76.83	1371.91	1043.55	76.83				
B	Non-Express Feeders	4.73	5.56	0.85	35.62	30.29	94.60	19.50		59.06		149.68	-64.91471	214.60	273.66	140.36	184.44	184.44	94.60	89.22			
Total HT-IV Public Water Works (PWW)																							
5 HT-V Agricultural																							
		2.88	5.56	0.52	35.62	18.44	57.60	105.50		194.58		334.82	104.90251	229.91	424.50	40.24	607.66	424.50	40.24				
6 HT-VI Bulk Supply																							
A	Residential Complex	4.82	5.56	0.87	35.62	30.87	96.40	22.06		68.11		114.24	-59.39561	173.83	241.94	109.65	212.71	212.71	96.40	29.24			
B	Commercial Complex	8.21	5.56	1.48	35.62	52.58	164.20			0.00		0.00		0.00	0.00	52.58	0.00	0.00	52.58	0.00			
Total HT-VI Bulk Supply																							
7 Temporary Supply																							
8	religious	3.27	5.56	0.59	35.62	20.94	65.40			0.00		0.00		0.00	0.00	20.94	0.00	0.00	20.94	0.00			
	other	12.82	5.56	2.31	35.62	82.10	256.40	0.24		1.97		3.87	3.20864	0.66	2.63	82.10	6.15	2.63	82.10				
9 Public services(HT DI)																							
	Express Feeders	8.21	5.56	1.48	35.62	52.58	164.20	43.25		227.42		242.68	383.85294	-141.18	86.25	52.58	710.22	86.25	52.58				
	Non-Express Feeders	7.65	5.56	1.38	35.62	48.99	153.00	37.71		184.77		266.39	305.80828	-39.42	145.35	48.99	577.00	145.35	48.99				
10 HT PORT																							
		9.78	5.56	1.76	35.62	62.63	195.60	6.98		43.70		103.16	15.23654	87.93	131.62	62.63	136.46	131.62	62.63				
TOTAL HT Category						0.00		2734.88		11846.55	226.26	31610.91	-7452.2552	39063.16	51135.98		36995.51	35420.01		15715.96			
TOTAL LT Category						0.00		8398731.64		13711.95	0.00	29627.34	23037.4874	6589.85	20301.80		43354.45	17343.10		2958.70			
GRAND TOTAL								8401466.52		25558.51	226.26	61238.25	15585.23	45653.01	71437.78		80349.97	52763.11		18674.66			
Actual FAC to Be levied																			60.69				
diff c/f in next month																			30966.80				
																			5408.29				