



Electricity Department of Goa
ANNUAL REVENUE REQUIREMENT
FY 2014-15
Tariff Filing Formats

Electricity Department - Goa
PANAJI
ANNUAL REVENUE REQUIREMENT FY2014-15

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
ENERGY DEMAND
YEAR 2013-14 (April 2013 to September 2013) - Actuals

Sr. No.	Category of Consumer	No. of Consumers at the end of the year (Nos.)	Connected Load at the end of the Year (KW/kVA)	Demand (in MW)*		Energy Sale/ Demand (MUs)
				Unrestricted	Restricted	
1	2	3	4	5	6	5
A	Low Tension Supply	583,124	2,567,921	-	-	571.09
1(a)	Tariff LTD/Domestic and Non - Commercial	443,395	1,125,744	-	-	357.80
	<i>First 60 Units</i>	94,923	241,002			75.14
	<i>61 - 250 Units</i>	267,059	678,041			214.68
	<i>251 Units - 500 Units</i>	64,185	162,960			53.67
	<i>Above 500 Units</i>	17,228	43,741			14.31
1(b)	Tariff LTD/Low Income Group	14,303	1,200			11.11
1(c)	Tariff LTD/Domestic Mixed	50	2,186	-	-	2.54
	<i>First 400 Units</i>	41	1,789			2.07
	<i>Above 400 Units</i>	9	398			0.46
2	Tariff LTC/Commercial	94,944	333,249	-	-	131.58
	<i>First 100 Units</i>	46,162	162,028			63.98
	<i>100 Units - 1000 Units</i>	42,487	149,127			58.88
	<i>Above 1000 Units</i>	6,294	22,093			8.72
3 (a)	Tariff LTP/Motive Power	9,569	1,006,048	-	-	38.79
	<i>Connected Load Upto 50 HP</i>	502	52,786			2.04
	<i>Connected Load Above 50 HP</i>	9,067	953,261			36.76
3(b)	Tariff-LTP/Ice Manufacturing	44	1,873			3.69
	<i>Connected Load Upto 100 HP</i>	44	1,873			3.69
3(c)	Tariff-LTP/Mixed (Hotel Industries)	124	3,298			2.43
4	Tariff-LTAG/Agriculture	11,080	63,890			8.07
5	Tariff-LTPL/Public Lighting	9,065	8,999			11.84
6	Tariff-LT PWW/Public Water Works	550	21,436			3.24
B	High Tension Supply	803	657,774	-	-	851.75
7	Tariff HT-Mixed	201	67,632			55.52
8(a)	Tariff HTI/Industrial	367	234,133			253.79
8(b)	Tariff HTI/Hotel Industries	96	122,732			60.29
8(c)	Tariff HTI/Ice Manufacturing	2	364			0.24
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	93,200	-	-	266.08
	<i>First 300 Units/kVA</i>	-	50,328			143.68
	<i>Next 200 Units/kVA</i>	-	35,416			101.11
	<i>Above 500 Units/kVA</i>	-	7,456			21.29
10	Tariff-HTAG/Agriculture	42	8,200			2.63
11	EHTI/Industrial	4	76,500			92.02
12	H.T. PW/Public Water Supply and Sewage	31	26,845			69.37
13	H.T. MES/Defence Establishments	12	6,810			12.29
14	H.T. Industrial (Steel Rolling)	13	16,200	-	-	29.48
	<i>First 200 Units/kVA</i>	-	11,502			20.93
	<i>Next 100 Units/kVA</i>	-	3,726			6.78
	<i>Above 300 Units/kVA</i>	-	972			1.77
15	Tariff HT-Industries (IT High Tech).	8	5,158			10.03
C	Temporary Supply	4,075	16,297	-	-	5.21
16	Tariff-LT/Temporary	4,075	16,297			5.15
17	Tariff-HT/Temporary	-	-			0.06
18	Total Demand/ Sale Within State/UT (A+B+C)	588,002	3,241,992	-	-	1,428.05

* The data with respect to categorywise demand is unavailable & hence overall demand of State is provided.

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
ENERGY DEMAND
YEAR 2013-14 (October 2013 to March 2014) - Revised Estimates

Sr. No.	Category of Consumer	No. of Consumers at the end of the year (Nos.)	Connected Load at the end of the Year (KW/kVA)	Demand (in MW)*		Energy Sale/ Demand (MUs)
				Unrestricted	Restricted	
1	2	3	4	5	6	5
A	Low Tension Supply	591,288	2,568,563	-	-	698.93
1(a)	Tariff LTD/Domestic and Non - Commercial	449,602	1,126,025			442.12
	<i>First 60 Units</i>	96,252	241,062			92.84
	<i>61 - 250 Units</i>	270,798	678,211			265.27
	<i>251 Units - 500 Units</i>	65,083	163,001			66.32
	<i>Above 500 Units</i>	17,469	43,752			17.68
1(b)	Tariff LTD/Low Income Group	14,503	1,200			11.56
1(c)	Tariff LTD/Domestic Mixed	51	2,187			2.64
	<i>First 400 Units</i>	42	1,789			2.16
	<i>Above 400 Units</i>	9	398			0.48
2	Tariff LTC/Commercial	96,273	333,332			161.84
	<i>First 100 Units</i>	46,809	162,069			78.69
	<i>100 Units - 1000 Units</i>	43,082	149,164			72.42
	<i>Above 1000 Units</i>	6,383	22,099			10.73
3 (a)	Tariff LTP/Motive Power	9,703	1,006,299			50.34
	<i>Connected Load Upto 50 HP</i>	509	52,800			2.64
	<i>Connected Load Above 50 HP</i>	9,194	953,499			47.70
3(b)	Tariff-LTP/Ice Manufacturing	45	1,873			3.83
	<i>Connected Load Upto 100 HP</i>	45	1,873			3.83
3(c)	Tariff-LTP/Mixed (Hotel Industries)	126	3,298			2.52
4	Tariff-LTAG/Agriculture	11,235	63,906			8.39
5	Tariff-LTPL/Public Lighting	9,192	9,002			12.32
6	Tariff-LT PWW/Public Water Works	558	21,441			3.37
		-	-			-
B	High Tension Supply	814	657,938	-	-	885.82
7	Tariff HT-Mixed	204	67,649			57.74
8(a)	Tariff HTI/Industrial	372	234,192			263.95
8(b)	Tariff HTI/Hotel Industries	97	122,763			62.70
8(c)	Tariff HTI/Ice Manufacturing	2	364			0.25
9	H.T. Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	93,223			276.73
	<i>First 300 Units/kVA</i>	-	50,341			149.43
	<i>Next 200 Units/kVA</i>	-	35,425			105.16
	<i>Above 500 Units/kVA</i>	-	7,458			22.14
10	Tariff-HTAG/Agriculture	43	8,202			2.73
11	EHTI/Industrial	4	76,519			95.70
12	H.T. PW/Public Water Supply and Sewage	32	26,852			72.15
13	H.T. MES/Defence Establishments	12	6,812			12.78
14	H.T. Industrial (Steel Rolling)	13	16,204			30.66
	<i>First 200 Units/kVA</i>	-	11,505			21.77
	<i>Next 100 Units/kVA</i>	-	3,727			7.05
	<i>Above 300 Units/kVA</i>	-	972			1.84
15	Tariff HT-Industries (IT High Tech).	8	5,159			10.43
		-	-			-
C	Temporary Supply	4,132	16,301	-	-	5.42
16	Tariff-LT/Temporary	4,132	16,301			5.35
17	Tariff-HT/Temporary	-	-			0.07
		-	-			-
18	Total Demand/ Sale Within State/UT (A+B+C)	596,234	3,242,803	-	-	1,590.17

* The data with respect to categorywise demand is unavailable & hence overall demand of State is provided.

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
ENERGY DEMAND
YEAR 2013-14 (April 2013 to March 2014) - Revised Estimates

Sr. No.	Category of Consumer	No. of Consumers at the end of the year (Nos.)	Connected Load at the end of the Year (KW/kVA)	Demand (in MW)*		Energy Sale/ Demand (MUs)
				Unrestricted	Restricted	
1	2	3	4	5	6	5
A	Low Tension Supply	591,288	2,568,563	-	-	1,270.02
1(a)	Tariff LTD/Domestic and Non - Commercial	449,602	1,126,025	-	-	799.92
	<i>First 60 Units</i>	96,252	241,062			167.98
	<i>61 - 250 Units</i>	270,798	678,211			479.95
	<i>251 Units - 500 Units</i>	65,083	163,001			119.99
	<i>Above 500 Units</i>	17,469	43,752			32.00
1(b)	Tariff LTD/Low Income Group	14,503	1,200			22.67
1(c)	Tariff LTD/Domestic Mixed	51	2,187	-	-	5.17
	<i>First 400 Units</i>	42	1,789			4.23
	<i>Above 400 Units</i>	9	398			0.94
2	Tariff LTC/Commercial	96,273	333,332	-	-	293.43
	<i>First 100 Units</i>	46,809	162,069			142.67
	<i>100 Units - 1000 Units</i>	43,082	149,164			131.31
	<i>Above 1000 Units</i>	6,383	22,099			19.45
3 (a)	Tariff LTP/Motive Power	9,703	1,006,299	-	-	89.14
	<i>Connected Load Upto 50 HP</i>	509	52,800			4.68
	<i>Connected Load Above 50 HP</i>	9,194	953,499			84.46
3(b)	Tariff-LTP/Ice Manufacturing	45	1,873			7.52
	<i>Connected Load Upto 100 HP</i>	45	1,873			7.52
3(c)	Tariff-LTP/Mixed (Hotel Industries)	126	3,298			4.95
4	Tariff-LTAG/Agriculture	11,235	63,906			16.46
5	Tariff-LTPL/Public Lighting	9,192	9,002			24.16
6	Tariff-LT PWW/Public Water Works	558	21,441			6.61
		-	-			
B	High Tension Supply	814	657,938	-	-	1,737.56
7	Tariff HT-Mixed	204	67,649			113.26
8(a)	Tariff HTI/Industrial	372	234,192			517.74
8(b)	Tariff HTI/Hotel Industries	97	122,763			122.99
8(c)	Tariff HTI/Ice Manufacturing	2	364			0.49
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	93,223	-	-	542.81
	<i>First 300 Units/kVA</i>	-	50,341			293.12
	<i>Next 200 Units/kVA</i>	-	35,425			206.27
	<i>Above 500 Units/kVA</i>	-	7,458			43.42
10	Tariff-HTAG/Agriculture	43	8,202			5.36
11	EHTI/Industrial	4	76,519			187.72
12	H.T. PW/Public Water Supply and Sewage	32	26,852			141.52
13	H.T. MES/Defence Establishments	12	6,812			25.07
14	H.T. Industrial (Steel Rolling)	13	16,204	-	-	60.15
	<i>First 200 Units/kVA</i>	-	11,505			42.70
	<i>Next 100 Units/kVA</i>	-	3,727			13.83
	<i>Above 300 Units/kVA</i>	-	972			3.61
15	Tariff HT-Industries (IT High Tech).	8	5,159			20.46
		-	-			
C	Temporary Supply	4,132	16,301	-	-	10.63
16	Tariff-LT/Temporary	4,132	16,301			10.50
17	Tariff-HT/Temporary	-	-			0.13
		-	-			
18	Total Demand/ Sale Within State/UT (A+B+C)	596,234	3,242,803	-	-	3,018.22

* The data with respect to categorywise demand is unavailable & hence overall demand of State is provided.

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
ENERGY DEMAND
YEAR 2014-15 (April 2014 to March 2015) - Projections

Sr. No.	Category of Consumer	No. of Consumers at the end of the year (Nos.)	Connected Load at the end of the Year (KW/kVA)	Demand (in MW)*		Energy Sale/ Demand (MUs)
				Unrestricted	Restricted	
1	2	3	4	5	6	5
A	Low Tension Supply	594,244	2,581,406	-	-	1,358.93
1(a)	Tariff LTD/Domestic and Non - Commercial	451,850	1,131,655	-	-	855.92
	<i>First 60 Units</i>	96,733	242,267			179.74
	<i>61 - 250 Units</i>	272,152	681,602			513.55
	<i>251 Units - 500 Units</i>	65,409	163,816			128.39
	<i>Above 500 Units</i>	17,557	43,971			34.24
1(b)	Tariff LTD/Low Income Group	14,576	1,206			24.26
1(c)	Tariff LTD/Domestic Mixed	51	2,198	-	-	5.54
	<i>First 400 Units</i>	42	1,798			4.53
	<i>Above 400 Units</i>	9	400			1.01
2	Tariff LTC/Commercial	96,754	334,998	-	-	313.97
	<i>First 100 Units</i>	47,043	162,879			152.65
	<i>100 Units - 1000 Units</i>	43,297	149,910			140.50
	<i>Above 1000 Units</i>	6,414	22,209			20.81
3 (a)	Tariff LTP/Motive Power	9,751	1,011,331	-	-	95.38
	<i>Connected Load Upto 50 HP</i>	512	53,064			5.00
	<i>Connected Load Above 50 HP</i>	9,240	958,267			90.37
3(b)	Tariff-LTP/Ice Manufacturing	45	1,882			8.05
	<i>Connected Load Upto 100 HP</i>	45	1,882			8.05
3(c)	Tariff-LTP/Mixed (Hotel Industries)	126	3,315			5.30
4	Tariff-LTAG/Agriculture	11,291	64,226			17.61
5	Tariff-LTPL/Public Lighting	9,238	9,047			25.85
6	Tariff-LT PWW/Public Water Works	560	21,548			7.07
B	High Tension Supply	814	657,938	-	-	1,807.07
7	Tariff HT-Mixed	204	67,649			117.79
8(a)	Tariff HTI/Industrial	372	234,192			538.45
8(b)	Tariff HTI/Hotel Industries	97	122,763			127.91
8(c)	Tariff HTI/Ice Manufacturing	2	364			0.51
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	93,223	-	-	564.52
	<i>First 300 Units/kVA</i>	-	50,341			304.84
	<i>Next 200 Units/kVA</i>	-	35,425			214.52
	<i>Above 500 Units/kVA</i>	-	7,458			45.16
10	Tariff-HTAG/Agriculture	43	8,202			5.58
11	EHTI/Industrial	4	76,519			195.23
12	H.T. PW/Public Water Supply and Sewage	32	26,852			147.19
13	H.T. MES/Defence Establishments	12	6,812			26.07
14	H.T. Industrial (Steel Rolling)	13	16,204	-	-	62.55
	<i>First 200 Units/kVA</i>	-	11,505			44.41
	<i>Next 100 Units/kVA</i>	-	3,727			14.39
	<i>Above 300 Units/kVA</i>	-	972			3.75
15	Tariff HT-Industries (IT High Tech).	8	5,159			21.28
						-
C	Temporary Supply	4,173	16,464	-	-	11.06
16	Tariff-LT/Temporary	4,173	16,464			10.92
17	Tariff-HT/Temporary	-	-			0.14
						-
18	Total Demand/ Sale Within State/UT (A+B+C)	599,232	3,255,809	-	-	3,177.05

* The data with respect to categorywise demand is unavailable & hence overall demand of State is provided.

Information regarding AT&C Loss of Licensee**Name of State/UT: GOA****Name of licensee Electricity Department - Goa**

S.No	Particulars	Calculation	Unit	Previous Year (Provisional)	Current Year (Rev.Est)	Ensuing Year (Projections)
				FY 2012-13	FY 2013-14	FY 2014-15
1	Generation (own as well as any other connected generation net after deducting auxiliary consumption) within area of supply of DISCOM *	A	MU	-	-	-
2	Input energy (metered Import) received at interface points of DISCOM network.	B	MU	3,385	3,449	3,621
3	Input energy (metered Export) by the DISCOM at interface points of DISCOM network.	C	MU	-	-	-
4	Total energy available for sale within the licensed area to the consumers of the DISCOM	D=A+B-C	MU	3,385	3,449	3,621
5	Energy billed to metered consumers within the licensed area of the DISCOM	E	MU	2,962	3,018	3,177
6	Energy billed to un-metered consumers within the licensed area of the DISCOM **	F	MU	-	-	-
7	Total energy billed	G=E+F	MU	2,962	3,018	3,177
8	Amount billed to consumer within the licensed area of DISCOM (incl FPPCA)	H	Rs.Crs	929	1,017	1,031
9	Amount realized by the DISCOM out of the amount Billed at H	I	Rs.Crs	911	996	1,011
10	Collection efficiency (%) (= Revenue realized/ Amount billed)	J=(I/H)x100	%	98%	98%	98%
11	Energy realized by the DISCOM	K=JxG	MU	2,903	2,958	3,114
12	Distribution loss (%)	L={(D-G)/D}x100	%	12.48%	12.50%	12.25%
13	AT&C Loss (%)	M={(D-K)/D}x100	%	14.23%	14.25%	14.01%

* State does not have its Own Generation

** All the Agricultural consumers in the State are metered

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
ENERGY BALANCE
(All figures in MU)

FY 12-13

Sr. No.	Item	April-Sep (Prov. Actual) - WR	April-Sep (Prov. Actual) - SR	April-Sep (Prov. Actual) WR + SR
		FY 2012-13	FY 2012-13	FY 2012-13
1	2	3	3	3
1	Energy Input at Goa Periphery	2,587	612	3,199
2	Total Power Scheduled/ Purchased at Goa Periphery			
	Total Schedule Billed Drawal - CGS	2,591	759	3,350
	Add: Overdrawal	104	10	114
	Add: Power purchase from NVVN	21	-	21
	Less: Underdrawal	38	56	94
	Less: Power diverted to Exchange	39	-	39
	Total	2,639	713	3,352
3	PGCIL Losses - MUs	52	100	153
	PGCIL Losses - %	1.98%	14.09%	4.56%
4	Total Power Purchased within Goa State			
	Add: Co-generation	72		72
	Add: Independent Power Producers (IPP)	114		114
	Total	186	-	186
5	Total Power Purchase availability after PGCIL Losses	2,773	612	3,385
	Less: Retail Sales to Consumers			2,962
	Distribution Losses - MUs			422
6	Distribution Losses - %			12.48%

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

ENERGY BALANCE

(All figures in MU)

FY 13-14 H1

Sr. No.	Item	April-Sep (Prov. Actual) - WR	April-Sep (Prov. Actual) - SR	April-Sep (Prov. Actual) WR + SR
		FY 2013-14	FY 2013-14	FY 2013-14
1	2	3	3	3
1	Energy Input at Goa Periphery	1,317	295	1,613
2	Total Power Scheduled/ Purchased at Goa Periphery			
	Total Schedule Billed Drawal - CGS	1,293	345	1,639
	Add: Overdrawal	76	3	79
	Add: Power purchase from NVVN/ Open Market	-	-	-
	Less: Underdrawal	19	14	33
	Less: Power diverted to Exchange	-	-	-
	Total	1,350	334	1,685
3	PGCIL Losses - MUs	33	39	72
	PGCIL Losses - %	2.45%	11.63%	4.27%
4	Total Power Purchased within Goa State			
	Add: Co-generation	15	-	15
	Add: Independent Power Producers (IPP)	59	-	59
	Total	73	-	73
5	Total Power Purchase availability after PGCIL Losses	1,391	295	1,686
	Less: Retail Sales to Consumers			1,428
	Distribution Losses - MUs			258
6	Distribution Losses - %			15.31%

Total FY 13-14 H2

Sr. No.	Item	Oct-Mar (Rev.Est) - WR	Oct-Mar (Rev.Est) - SR	Oct-Mar (Rev.Est) WR + SR
		FY 2013-14	FY 2013-14	FY 2013-14
1	2	3	4	5
1	Retail Sales to Consumers			1,590
	Add: Distribution Losses - %			
	Distribution Losses - MUs			173
2	Net Energy Requirement at Goa Periphery			1,763
3	Total Power Scheduled at Goa Periphery			
	Scheduled Power from NTPC, RGPPL, NPCIL & RSTPS	1,312	400	1,712
	Add: Power from Traders	78	-	78
	Less: Sale to Exchange			
	Total	1,390	400	1,790
4	Less: PGCIL Losses - %	4.49%	7.99%	5.27%
	PGCIL Losses - MUs	62	32	94
5	Total Power Purchased within Goa State			
	Add: Co-generation	15	-	15
	Add: Independent Power Producers (IPP)	53	-	53
	Total	67	-	67
6	Energy Input at Periphery after PGCIL Losses & State Power Purchase	1,395	368	1,763

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
ENERGY BALANCE
(All figures in MU)

Total FY 13-14 (H1 + H2)

Sr. No.	Item	Apr-Mar (Rev.Est) - WR	Apr-Mar (Rev.Est) - SR	Apr-Mar (Rev.Est) WR + SR
		FY 2013-14	FY 2013-14	FY 2013-14
1	2	3	4	5
1	Retail Sales to Consumers			3,018
	Add: Distribution Losses - %			12.50%
	Distribution Losses - MUs			431
2	Net Energy Requirement at Goa Periphery			3,449
3	Total Power Scheduled at Goa Periphery			
	Scheduled Power from NTPC, RGPPL, NPCIL & RSTPS	2,605	745	3,351
	Add: Actuals of Over/Underdrawal, Traders and Sale to exchange - H1			46
	Add: Power from Open Market during peak/ (Surplus Power diversion to exchange during off-peak)			78
	Total	2,605	745	3,475
4	Less: PGCIL Losses - %	3.66%	9.50%	4.79%
	PGCIL Losses - MUs	95	71	166
5	Total Power Purchased within Goa State			
	Add: Co-generation	29	-	29
	Add: Independent Power Producers (IPP)	112	-	112
	Total	141	-	141
6	Energy Input at Periphery after PGCIL Losses & State Power Purchase	2,651	675	3,449

ENERGY BALANCE for FY 2014-15

FY 2014-15

Sr. No.	Item	Apr-Mar (Proj) - WR	Apr-Mar (Proj) - SR	Apr-Mar (Proj) WR + SR
		FY 2014-15	FY 2014-15	FY 2014-15
1	2	3	4	5
1	Retail Sales to Consumers			3,177
	Add: Distribution Losses - %			12.25%
	Distribution Losses - MUs			444
2	Net Energy Requirement at Goa Periphery			3,621
3	Total Power Scheduled at Goa Periphery			
	Scheduled Power from NTPC, RGPPL, NPCIL & RSTPS	2,630	745	3,375
	Add: Power from Open Market during peak	297	-	297
	Less: (Surplus Power diversion to exchange during off-peak)	-	-	-
	Total	2,927	745	3,673
4	Less: PGCIL Losses - %	3.66%	9.50%	4.85%
	PGCIL Losses - MUs	107	71	178
5	Total Power Purchased within Goa State			
	Add: Co-generation	84	-	84
	Add: Renewable Energy Sources	-	-	-
	Add: Independent Power Producers (IPP)	42	-	42
	Total	126	-	126
6	Energy Input at Periphery after PGCIL Losses & State Power Purchase	2,946	675	3,621

**ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15**

POWER PURCHASE COST YEAR 2012-13 (Actuals - April 2012 to March 2013)

Sr. No.	Source	Capacity (MW)	Firm allocation to Licensee		Gen. Avail. (MU)	Avail. / PLF (in %)	AFC (Rs. Crore)	Licensee share (%)	Purchase (MU)	External losses (%)	Energy recd. by Licensee (MU)	VC (Ps/ Unit)	FC (Rs. Crore)	VC (Rs.Crore)	Others (Rs.Crore)	Supplementa ry (Rs. Crore)	Total (Rs.Crore)	
			%	MW														
1	2	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18	
A	Central Sector Power Stations																	
I	NTPC	10,654		336.00	-	586.59	-	-	3,111.43		3,199.16		218.60	382.41	1.73	57.60	660.34	
	KSTPS	2100	10.028	210.59		90.96			1,562.75		3,199.16	92.12	87.85	143.96	0.94	42.11	274.87	
	VSTPS - I	1260	2.819	35.52		93.97			242.75			127.68	17.02	30.99	0.37	8.03	56.42	
	VSTPS - II	1000	1.239	12.39		94.17			99.61			116.61	7.70	11.62	0.15	2.76	22.22	
	VSTPS -III	1000	1.040	10.40		98.96			89.54			117.05	9.75	10.48	0.14	2.46	22.84	
	VSTPS-IV	500	1.174	5.87		24.39			1.11				0.41	0.11	-	(0.20)	0.32	
	KGPP	656	1.885	12.37		90.56			56.54			244.43	8.44	13.82	-	(0.45)	21.82	
	GGPP	657	1.921	12.63		93.58			67.29			233.57	10.92	15.72	-	(0.09)	26.55	
	SIPAT- I	1980	1.065	21.08					116.73			132.02	16.65	15.41	0.04	0.98	33.08	
	FSTPS											-				0.05	0.05	
	KSTPS-III	500		4.77					42.29			91.41	6.14	3.87	0.03	0.31	10.34	
	RSTPS								758.93			167.99	43.45	127.50	-	11.20	182.14	
	SIPAT- II	1000		10.38					73.78			120.70	10.00	8.91	0.06	0.29	19.25	
	Mouda								0.10			297.80	0.26	0.03		(0.24)	0.05	
	Add/ Less: Other Adjustments															(9.60)	(9.60)	
																		-
II	RGPPL								41.84						19.47			19.47
III	NPCIL								197.09					51.34	-	-	51.34	
	KAPS								109.45			239.03		26.16			26.16	
	TAPS								87.64			287.35		25.18			25.18	
III	Traders								20.82					8.43	-	-	8.43	
	NVVN Limited								20.82			405.16		8.43			8.43	
V	OVER/ UNDER DRAWAL								113.57					41.28			41.28	
B	Within State Generations																	
I	CO- GENERATION	-		-	-	-	-	-	71.57		71.57		-	16.90	-	-	16.90	
	Goa Energy Private Limited								61.41		61.41	235.47		14.46			14.46	
	Goa Sponge & Power Limited								10.17		10.17	240.00		2.44			2.44	
C	IPP:																	
	Reliance Infra								114.01		114.01	1,194.89	21.51	136.23		(3.10)	154.64	
D	OTHER CHARGES	-		-	-	-	-	-	-					-		101.03	101.03	
	PGCL Transmission Charges, Wheeling & Other Charges															101.03	101.03	
E	Total	10,654		336.00	-	-	-	-	3,670.33		3,384.74	178.75	240.11	656.06	1.73	155.53	1,053.43	

**ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15**

POWER PURCHASE COST YEAR 2013-14 (Actuals - April 2013 to Sep 2013)

Sr. No.	Source	Capacity (MW)	Firm allocation to Licensee		Gen. Avail. (MU)	Avail. / PLF (in %)	AFC (Rs. Crore)	Licensee share (%)	Purchase (MU)	External losses (%)	Energy recd. by Licensee (MU)	VC (Ps/ Unit)	FC (Rs. Crore)	VC (Rs.Crore)	Others (Rs.Crore)	Supplementa ry (Rs. Crore)	Total (Rs.Crore)
			%	MW													
1	2	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18
A	Central Sector Power Stations																
I	NTPC	-		-	-	-	-	-	1,530.26		1,612.71		114.83	205.00	5.30	23.13	348.26
	<i>KSTPS</i>								792.78			97.87	44.06	77.59	3.27	7.82	132.75
	<i>VSTPS - I</i>								112.14			128.53	8.52	14.41	0.73	2.64	26.31
	<i>VSTPS - II</i>								50.72			121.02	3.32	6.14	0.32	1.41	11.19
	<i>VSTPS -III</i>								44.44			121.27	4.81	5.39	0.29	0.74	11.23
	<i>VSTPS-IV</i>								21.98			122.76	3.40	2.70	0.12	0.04	6.26
	<i>KGPP</i>								14.40			250.79	4.09	3.61	-	(2.20)	5.50
	<i>GGPP</i>								13.81			241.55	4.96	3.33	-	(2.34)	5.96
	<i>SIPAT- I</i>								73.64			163.35	10.43	12.03	0.32	4.37	27.15
	<i>FSTPS</i>											-				0.01	0.01
	<i>KSTPS-III</i>								18.92			100.22	3.07	1.90	0.08	0.47	5.51
	<i>RSTPS</i>								345.40			204.62	20.57	70.68	-	4.68	95.92
	<i>SIPAT- II</i>								41.05			169.10	5.10	6.94	0.17	0.57	12.78
	<i>Mouda</i>								0.99		1,612.71	280.23	2.50	0.28		0.00	2.78
	<i>Add/ Less: Other Adjustments</i>															4.91	4.91
																	-
II	RGPPL								13.94			875.20		12.20			12.20
III	NPCIL								94.30					24.39	-	-	24.39
	<i>KAPS</i>								58.38			239.87		14.00			14.00
	<i>TAPS</i>								35.91			289.10		10.38			10.38
III	Traders																
	<i>NVVN Limited</i>								-								-
V	OVER/ UNDER DRAWAL								79.17			211.26		16.72			16.72
B	Within State Generations																
I	CO- GENERATION	-		-	-	-	-	-	14.60		14.60	228.28	-	3.33	-	-	3.33
	<i>Goa Energy Private Limited</i>								11.79		11.79	225.49		2.66			2.66
	<i>Goa Sponge & Power Limited</i>								2.81		2.81	240.00		0.67			0.67
C	IPP:																
	<i>Reliance Infra</i>								58.83		58.83	1,019.50	10.78	59.98		(1.61)	69.15
																	-
D	OTHER CHARGES	-		-	-	-	-	-	-			-	-	-	-	61.73	61.73
	<i>PGCIL Transmission Charges, Wheeling, Den Access & Trading Marringin & Other Charges</i>															61.73	61.73
E	Total	-		-	-	-	-	-	1,791.10		1,686.14	179.57	125.61	321.62	5.30	83.24	535.78

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
POWER PURCHASE COST YEAR 2013-14 (Estimate - Oct 2013 to March 2014)

Sr. No.	Source	Capacity (MW)	Firm allocation to Licensee		Gen. Avail. (MU)	Avail. / PLF (in %)	AFC (Rs. Crore)	Licensee share (%)	Purchase (MU)	External losses (%)	Energy recd. by Licensee (MU)	VC (Ps/ Unit)	FC (Rs. Crore)	VC (Rs.Crore)	Others (Rs.Crore)	Supplementa ry (Rs. Crore)	Total (Rs.Crore)
			%	MW													
1	2	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18
A	Central Sector Power Stations																
I	NTPC	-		-	-	-	-	-	1,603.87		1,695.82		119.26	221.49	5.30	23.13	369.18
	<i>KSTPS</i>								792.78			97.87	39.51	77.59	3.27	7.82	128.19
	<i>VSTPS - I</i>								112.14			128.53	9.61	14.41	0.73	2.64	27.40
	<i>VSTPS - II</i>								50.72			121.02	3.49	6.14	0.32	1.41	11.36
	<i>VSTPS -III</i>								44.44			121.27	5.12	5.39	0.29	0.74	11.54
	<i>VSTPS-IV</i>								21.98			122.76	1.81	2.70	0.12	0.04	4.66
	<i>KGPP</i>								14.40			250.79	5.38	3.61	-	(2.20)	6.79
	<i>GGPP</i>								13.81			241.55	6.35	3.33	-	(2.34)	7.35
	<i>SIPAT- I</i>								73.64			163.35	8.28	12.03	0.32	4.37	25.00
	<i>FSTPS</i>								-			-	-	-	-	0.01	0.01
	<i>KSTPS-III</i>								18.92			100.22	2.75	1.90	0.08	0.47	5.20
	<i>RSTPS</i>								400.00			204.62	25.28	81.85	-	4.68	111.81
	<i>SIPAT- II</i>								41.05			169.10	5.76	6.94	0.17	0.57	13.44
	<i>Mouda</i>								20.00			280.23	5.92	5.60	-	-	11.52
	<i>Add/ Less: Other Adjustments</i>															4.91	4.91
											1,695.82						-
II	RGPPPL								13.94			875.20	-	12.20			12.20
									-								
III	NPCIL								94.30				-	24.39	-	-	24.39
	<i>KAPS</i>								58.38			239.87		14.00			14.00
	<i>TAPS</i>								35.91			289.10		10.38			10.38
III	Traders								78.07			300.00		23.42	-	-	23.42
	<i>NVVN Limited</i>								-					-			-
	<i>Open Market / Other Traders</i>								78.07			300.00		23.42			23.42
V	OVER/ UNDER DRAWAL								-					-			-
B	Within State Generations								-								
I	CO- GENERATION	-		-	-	-	-	-	14.60		14.60	228.28	-	3.33	-	-	3.33
	<i>Goa Energy Private Limited</i>								11.79		11.79	225.49		2.66			2.66
	<i>Goa Sponge & Power Limited</i>								2.81		2.81	240.00		0.67			0.67
									-								-
C	IPP:								-								-
	Reliance Infra								52.83		52.83	1,019.50	9.05	53.87	-	(1.61)	61.30
																	-
D	OTHER CHARGES								-					-		58.08	58.08
	<i>PGCIL Transmission Charges, Wheeling, Oen Access & Trading Marrgin & Other Charqes</i>															58.08	58.08
E	Total	-		-	-	-	-	-	1,857.61		1,763.26	182.33	128.31	338.70	5.30	79.60	551.91

**ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15**

POWER PURCHASE COST YEAR 2013-14 (Revised Estimates - April 2013 to March 2014)

Sr. No.	Source	Capacity (MW)	Firm allocation to Licensee		Gen. Avail. (MU)	Avail. / PLF (in %)	AFC (Rs. Crore)	Licensee share (%)	Purchase (MU)	External losses (%)	Energy recd. by Licensee (MU)	VC (Ps/ Unit)	FC (Rs. Crore)	VC (Rs.Crore)	Others (Rs.Crore)	Supplementa ry (Rs. Crore)	Total (Rs.Crore)	
			%	MW														
1	2	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18	
A	Central Sector Power Stations																	
I	NTPC	-		-					3,134.14			3,308.53	234.09	426.49	10.61	46.26	717.44	
	<i>KSTPS</i>								1,585.55				97.87	83.57	155.18	6.55	15.64	260.93
	<i>VSTPS - I</i>								224.27				128.53	18.13	28.82	1.46	5.29	53.71
	<i>VSTPS - II</i>								101.43				121.02	6.81	12.28	0.65	2.82	22.55
	<i>VSTPS -III</i>								88.89				121.27	9.93	10.78	0.58	1.49	22.78
	<i>VSTPS-IV</i>								43.96				122.76	5.21	5.40	0.24	0.08	10.92
	<i>KGPP</i>								28.81				250.79	9.47	7.22	-	(4.41)	12.29
	<i>GGPP</i>								27.61				241.55	11.31	6.67	-	(4.67)	13.31
	<i>SIPAT- I</i>								147.28				163.35	18.71	24.06	0.63	8.75	52.15
	<i>FSTPS</i>								-				-	-	-	0.01	0.01	
	<i>KSTPS-III</i>								37.84				100.22	5.82	3.79	0.16	0.94	10.71
	<i>RSTPS</i>								745.40				204.62	45.85	152.53	-	9.35	207.73
	<i>SIPAT- II</i>								82.11				169.10	10.86	13.88	0.34	1.14	26.23
	<i>Mouda</i>								20.99				280.23	8.42	5.88	-	0.00	14.30
	<i>Add/ Less: Other Adjustments</i>								-				-	-	-	9.83	9.83	
II	RGPPL								27.88				875.20	24.40			24.40	
									-				-	-				
III	NPCIL	-		-					188.60				258.62	48.78			48.78	
	<i>KAPS</i>								116.77				239.87	28.01			28.01	
	<i>TAPS</i>								71.83				289.10	20.77			20.77	
									-				-	-				
III	Traders	-		-					78.07				300.00	23.42			23.42	
	<i>Open Market / Other Traders</i>								78.07				300.00	23.42			23.42	
									-				-	-				
V	OVER DRAWAL (actual of H1)								79.17				211.26	16.72			16.72	
									-				-	-				
B	Within State Generations								-				-	-				
I	CO- GENERATION	-		-					29.19			29.19	228.28		6.66		6.66	
	<i>Goa Energy Private Limited</i>								23.57			23.57	225.49		5.32		5.32	
	<i>Goa Sponge & Power Limited</i>								5.62			5.62	240.00		1.35		1.35	
C	IPP:								-				-	-				
	<i>Reliance Infra</i>								111.67			111.67	1,019.50	19.83	113.85	-	(3.23)	130.45
									-				-	-				
E	Renewable Energy Source:								-				-	-			-	
									-				-	-				
F	OTHER CHARGES	-		-					-				-	-		119.81	119.81	
	<i>PGCIL Transmission Charges, Wheeling, Oen Access & Trading Marrgin & Other Charges</i>								-				-	-		119.81	119.81	
G	Total	-		-					3,648.71			3,449.39	180.97	253.92	660.32	10.61	162.84	1,087.69

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
POWER PURCHASE COST
YEAR 2014-15 (Projections - April 2014 to March 2015)

Sr. No.	Source	Capacity (MW)	Firm allocation to Licensee		Gen. Avail. (MU)	Avail. / PLF (in %)	AFC (Rs. Crore)	Licensee share (%)	Purchase (MU)	External losses (%)	Energy recd. by Licensee (MU)	VC (Ps/ Unit)	FC (Rs. Crore)	VC (Rs.Crore)	Others (Rs.Crore)	Supplementa ry (Rs. Crore)	Total (Rs.Crore)
			%	MW													
1	2	4	5		6	7	8	9	10	11	12	13	14	15	16	17	18
A	Central Sector Power Stations																
I	NTPC	-	-	-	-	-	-	-	3,158.75		3,494.50		251.65	465.89	-	-	717.54
	<i>KSTPS</i>								1,585.55			105.21	89.84	166.82			256.65
	<i>VSTPS - I</i>								224.27			138.17	19.49	30.99			50.48
	<i>VSTPS - II</i>								101.43			130.10	7.32	13.20			20.52
	<i>VSTPS -III</i>								88.89			130.37	10.67	11.59			22.26
	<i>VSTPS - IV</i>								43.96			131.97	5.60	5.80			11.40
	<i>KGPP</i>								28.81			269.59	10.18	7.77			17.95
	<i>GGPP</i>								27.61			259.67	12.16	7.17			19.33
	<i>SIPAT- I</i>								147.28			175.60	20.11	25.86			45.98
	<i>KSTPS-III</i>								37.84			107.74	6.26	4.08			10.33
	<i>RSTPS</i>								745.40			219.97	49.29	163.97			213.25
	<i>SIPAT- II</i>								82.11		3,494.50	181.79	11.67	14.93			26.60
	<i>Mouda</i>								45.60			301.25	9.05	13.74			22.79
II	RGPPL								27.88			300.00	-	8.36			8.36
III	NPCIL	-	-	-	-	-	-	-	188.60				-	51.21	-	-	51.21
	<i>KAPS</i>								116.77			251.87		29.41			29.41
	<i>TAPS</i>								71.83			303.56		21.80			21.80
IV	Traders	-	-	-	-	-	-	-	297.35			300.00	-	89.20	-	-	89.20
	<i>Open Market / Other Traders</i>								297.35			300.00		89.20			89.20
													-				
B	Within State Generations																
I	CO- GENERATION	-	-	-	-	-	-	-	84.19		84.19	235.94	-	19.86	-	-	19.86
	<i>Goa Energy Private Limited</i>								23.57		23.57	225.49		5.32			5.32
	<i>Goa Sponge & Power Limited</i>								5.62		5.62	240.00		1.35			1.35
	<i>Sesa Goa Limited</i>								55.00		55.00	240.00		13.20			13.20
C	IPP:								-				-				
	<i>Reliance Infra</i>								41.88		41.88	1,019.50	7.44	42.69			50.13
D	OTHER CHARGES	-	-	-	-	-	-	-	-						-	129.22	129.22
	<i>PGCIL Transmission Charges, Wheeling & Other Charges</i>								-							129.22	129.22
E	Total	-	-	-	-	-	-	-	3,798.64		3,620.57	178.28	259.08	677.23	-	129.22	1,065.53

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Investment Plan (2014-15)

(Rs Crore)

Project Details						Year Wise Capital Expenditure										Actual/ Rev Est of Capitalization during FY 2013-14	Proposed Capitalization during FY 2014-15
Name of scheme	Estimated Cost (Rs.Crores) *	Nature of Project	Approved by the Commission** (YES/NO)	Project Start Date (DD-MM-YY)	Project Completion date (DD-MM-YY)	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15			
						Actual	Actual	Actual	Actual	Actual	Actual	Actual	Revised Estimates	Projections			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Scheduled castes development scheme(P)			-			-	-	-	-	-					-	-	
Schedule Tribe Development Scheme & Scheduled castes development scheme(P)	Annual basis; ongoing schemes	b (II)	No			-	-	-	19.43	19.82	30.03	17.50	20.00	30.00	20.00	20.00	
											-	-	-	-	-	-	
Machinery and Equipments (Plan) Motor Vehicles	Annual basis; ongoing schemes	f	No			0.06	0.42	0.21	0.14	1.17	0.01	-	1.00	1.00	1.00	1.00	
											-	-	-	-	-	-	
Infrastructure development through Electricity Duty (Plan)	As per Annexure	b	No			-	-	-	4.62	58.81	52.49	143.26	120.96	100.00	55.70	50.00	
											-	-	-	-	-	-	
Erection and Augmentation of 33/11 KV S/S line (Plan)	Annual basis; ongoing schemes	b (I)	No			1.85	15.96	5.53	4.69	10.30	6.85	0.51	4.00	4.00	3.00	-	
											-	-	-	-	-	-	
Normal Development Schemes (Plan)	Annual basis; ongoing schemes	b (I)	No			13.08	19.88	24.54	15.43	15.03	14.18	21.81	12.00	15.00	12.00	10.00	
											-	-	-	-	-	-	
System Improvement Schemes (Plan)	Annual basis; ongoing schemes	b (II)	No			7.00	4.00	6.28	5.14	4.03	3.09	2.27	4.00	4.00	3.00	3.00	
											-	-	-	-	-	-	
Construction of staff quarters and office buildings (Plan)	Annual basis; ongoing schemes	f	No			0.30	0.39	0.15	1.10	0.83	1.03	0.08	2.00	2.00	1.50	-	
											-	-	-	-	-	-	
Erection of 220/33 KV 1X50 MVA Sub- Station at Cuncolim	64.03	a	No	1-Aug-07	Work in progress	0.80	12.95	31.49	2.88	3.90	2.00	1.32	3.00	2.00	58.34	2.00	
											-	-	-	-	-	-	
Erection of 220 KV line from Xeldem to Cuncolim	12.48	a	No	1-Aug-07	Work in progress	-	1.44	2.57	0.14	0.87	0.25	0.13	2.00	5.00	7.40	5.00	
											-	-	-	-	-	-	
Erection of 220/33 KV1X50 MVA Sub-Station Amona	53.47	a	No	1-Mar-06	Dec-10	10.00	10.00	10.35	4.00	1.99	12.61	0.01	-	-	-	-	
											-	-	-	-	-	-	
Strengthening of 220 KV Transmission Network	Annual basis; ongoing schemes	a	No			5.73	5.85	0.16	0.06	7.50	2.92	0.74	8.00	5.00	4.50	5.50	
											-	-	-	-	-	-	
Erection of 220/33KV, 1x50 MVA Sub-Station Xeldem	13.20	a	No			0.79	-	0.21	-	-	-	-	0.14	-	-	-	
											-	-	-	-	-	-	
Accelerated Power Development Reforms Programme	260.00	b (I) & (III)	No	2002-03	2009-10	62.00	45.44	18.58	3.34	0.41	0.45	-	0.03	-	-	-	
											-	-	-	-	-	-	

Project Details						Year Wise Capital Expenditure									Actual/ Rev Est of Capitalization during FY 2013-14	Proposed Capitalization during FY 2014-15
Name of scheme	Estimated Cost (Rs.Crores) *	Nature of Project	Approved by the Commission** (YES/NO)	Project Start Date (DD-MM-YY)	Project Completion date (DD-MM-YY)	FY 2006-07	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15		
						Actual	Actual	Actual	Actual	Actual	Actual	Actual	Revised Estimates	Projections		
Augmentation of Kadamba S/S from 2x40 MVA to 4x40 MVA (Plan) including new 110 KV line	12.52	a	No	1-Nov-09	1-May-11	-	-	0.14	3.30	7.25	1.63	0.21	-	-	-	-
Erection of 2nd 100 MVA transformer at Xeldem 220/110 KV S/S	9.00	a	No	1-Aug-09	1-Feb-11	-	0.01	0.00	3.00	4.00	0.30	-	0.15	-	-	-
Erection of 220/110/33/11 KV Sub-Station at Verna (New)	87.79	a	No			-	-	-	-	-	0.05	-	-	10.00	-	-
Erection of 220 KV line from Ponda-Verna-Xeldem	79.10	a	No			-	-	-	-	-	-	-	-	5.00	-	-
Erection of 220/110/33/11 KV Sub-Station at Soccorro		a	No			-	-	-	-	-	-	-	-	2.00	-	-
Erection of 220 KV D/C line from Colvale to Soccorro		a	No			-	-	-	-	-	-	-	-	0.10	-	-
Erection of 110 KV D/C line from Soccorro to Kadamba		a	No			-	-	-	-	-	-	-	-	0.10	-	-
APDRP(State Schemes)	Annual basis; ongoing schemes	b (I) & (III)	No	29-Apr-10	29-Apr-12	-	-	-	11.16	11.00	33.00	12.00	25.00	1.00	25.00	-
Restructured Accelerated Power Development and Reforms Programme	84.94	b & e	No	8-Jul-11	19-Nov-12	-	-	-	-	-	7.79	5.31	5.00	50.00	-	-
Research training and human research development		f									-	0.06	0.10	0.10	-	-
Underground Cabling		b									-	-	20.00	50.00	-	30.00
Erection of 220/110 KV lines to Consumers		f									-	-	-	-	-	-
Public Lighting Scheme														2.00	-	1.00
Total						101.61	116.33	100.20	78.44	146.92	168.68	205.21	227.38	288.30	191.44	127.50

Notes:

* There are certain types/ nature of schemes which are undertaken on a continuous basis and are ongoing and required to maintain / upgrade system. The cost of such schemes is not estimated and are planned every year during the Budget Approval.

** The details of capital expenditure are proposed in this petition for approval.

The source of Financing is Internal Reserves/ Government Support and Electricity Duty Fund Reserves for Infrastructure Works.

Codes for selecting Nature of work

- a. EHV Schemes
- b. Distribution schemes
 - I. System augmentation
 - II. System improvement
 - III. Schemes for loss reduction
- c. Metering schemes
- d. Capacitor
- e. SCADA / DMS etc
- f. Miscellaneous

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Capital Base and Return

(Rs. Crore)

Sr. No.	Particulars	Current Year (Prov.Actual)	Current Year (Rev. Est)	Ensuing Year (Projection)
		FY 2012-13	FY 2013-14	2014-15
1	2	3	4	5
1	Gross block at beginning of the year	126.00	207.30	398.74
2	Less accumulated depreciation	3.33	12.13	28.13
3	Net block at beginning of the year	122.67	195.17	370.61
4	Less accumulated consumer contribution			
5	Net fixed assets at beginning of the year	122.67	195.17	370.61
6	Reasonable return @3% of NFA	3.68	5.86	11.12

Sr. No.	Particulars	WIP	Fixed Assets
1	2	3	4
1	As on 31st March of previous year (11-12)	344.70	126.00
	Add capital expenditure during FY 2012-13	205.21	81.30
	Total:	549.91	207.30
	Less transferred to fixed assets	81.30	-
2	As on 31st March of current year (12-13)	468.61	207.30
	Add capital expenditure during current year	227.38	191.44
	Total:	695.99	398.74
	Less transferred to fixed assets	191.44	-
3	As on 31st March of current year (13-14)	504.55	398.74
	Add capital expenditure during ensuing year	288.30	127.50
	Total:	792.85	526.24
	Less transferred to fixed assets	127.50	-
4	As on 31st March of ensuing year (14-15)	665.35	526.24

Sr. No.	Particulars	Amount
1	Accumulated Depreciation	
2	As on 31st March of previous year (11-12) *	3.33
3	Add: Depreciation for current year (12-13)	8.80
4	As on 31st March of current year (12-13)	12.13
5	Add: Depreciation for current year (13-14)	16.00
6	As on 31st March of current year (13-14)	28.13
7	Add: Depreciation for current year (14-15)	24.42
8	As on 31st March of current year (14-15)	52.55
7	Consumers Contribution	
8	As on 31st March of previous year	-
9	Addition during current year	-
10	As on 31st March of current year	-
		-

* Accumulated Depreciation considered is as approved by JERC for FY 2011-12 in Tariff Order

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

Original Cost of Fixed Assets

(Rs. Crore)

Sr. No.	Assets group	Value of assets at the beginning of previous year *	Addition during previous year	Value of assets sold/ disposed off	Closing balance at the end of previous year	Addition during previous year	Closing balance at the end of previous year	Addition during current year	Closing balance at the end of current year	Addition during ensuing year	Closing balance at the end of ensuing year
		2011-12	2011-12	2011-12	2011-12	2012-13	2012-13	2013-14	2013-14	2014-15	2014-15
1	2	3	4	5	6	7	8	9	10	11	12
1	Land	4.68	126.00	-	126.00	81.30	207.30	191.44	398.74	127.50	526.24
2	Building	6.77									
3	Other Civil Works	10.76									
4	Plant & Machinery	100.39									
5	Transformers centres	91.60									
6	New Sub- Stations	22.43									
7	Static Machine Tools	2.42									
8	Vehicles(incl.Self propelled)	5.28									
9	Switch gear & S/S equip.	39.49									
10	Meters	52.05									
11	Furniture and Fixtures	1.55									
12	Office Equipments	1.20									
13	Overhead lines	174.97									
14	Lightening arrestors	8.47									
15	Batteries	0.27									
16	St. light fittings	21.58									
17	Service lines	17.81									
18	Underground cables	182.15									
19	Others	7.23									
20	Total	751.10	126.00	-	126.00	81.30	207.30	191.44	398.74	127.50	526.24

* For the Purpose of representation GFA value as per ED-Goa has been provided.

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Works-in-Progress

Sr. No.	Particulars	Prev. year (Prov.Actual)	Current year (Rev.Est)
		2012-13	2013-14
1	2	3	3
1	Opening balance	344.70	468.61
2	Add: New investments	205.21	227.38
3	Total	549.91	695.99
4	Less investment capitalized	81.30	191.44
5	Closing balance	468.61	504.55

Format-9

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Interest Capitalized #

(Rs. Crore)

Sr. No.	Interest Capitalized	Current year (Rev.Est)	Ensuing year (Projection)
		FY 2013-14	FY 2014-15
1	2	3	4
1	WIP*		
2	GFA* at the end of the year		
3	WIP+GFA at the end of the year		
4	Interest Rate		
5	Interest (excluding interest on WCL)		
6	Interest Capitalized		

*WIP:Works-in-Progress; GFA:Gross Fixed Assets; WCL:Working capital loan

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Details of loans for FY 2012-13 (Provisional Actuals)

[Information to be supplied for the previous year (actuals), current year (RE) and ensuing year (projections)]

(Rs. Crore)

Sl. No.	Particulars (source)	Opening balance	Rate of interest *	Addition during the year	Repayment during the year	Closing balance	Amount of interest paid	
							Paid	Payable
1	2	3	4	5	6	7	8	9
1	SLR Bonds							
2	Non SLR Bonds							
3	LIC							
4	REC							
5	Commercial Banks							
6	Letter of Credit Charges						2.16	
7	Lease rental							
8	PFC *	56.66	12.54%	-	11.59	45.07	6.38	-
9	PFC - Loan No.18003004	14.10	11.87%	-	1.23	12.87	1.60	-
10	PFC - Loan No.18233001 to 004	31.47		-	-	31.47	-	-
11	Working capital loan							
12	Others							
13	Total	102.23		-	12.82	89.41	10.14	-
14	Add Govt. loan							
	-State Govt.							
	-Central Govt.							
	Total	-		-	-	-	-	-
15	Total (13+14)	102.23		-	12.82	89.41	10.14	-
16	Less capitalization							
17	Net interest	102.23		-	12.82	89.41	10.14	-
18	Add prior period							
19	Total interest	102.23		-	12.82	89.41	10.14	-
20	Finance charges							
21	Total Interest and Finance Charges	102.23		-	12.82	89.41	10.14	-

* Average Rate for various loans

Note: There are no other loans taken by ED-Goa apart from PFC Loan for APDRP purposes.

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Details of loans for FY 2013-14 (Revised Estimates)
[Information to be supplied for ensuing year (projections)]

(Rs. Crore)

Sl. No.	Particulars (source)	Opening balance	Rate of interest *	Addition during the year	Repayment during the year	Closing balance	Amount of interest paid	
							Paid	Payable
1	2	3	4	5	6	7	8	9
1	SLR Bonds							
2	Non SLR Bonds							
3	LIC							
4	REC							
5	Commercial Banks							
6	Letter of Credit Charges						1.30	
7	Lease rental							
8	PFC *	45.07	12.64%	-	9.00	36.07	5.13	
9	PFC - Loan No.18003004	12.87	31.65%	-	3.12	9.75	3.58	
10	PFC - Loan No.18233001 to 004	31.47	0.00%	-	-	31.47	-	
11	Working capital loan							
12	Others							
13	Total	89.41		-	12.12	77.29	10.01	-
14	Add Govt. loan							
	-State Govt.							
	-Central Govt.							
	Total	-	-	-	-	-	-	-
15	Total (13+14)	89.41	-	-	12.12	77.29	10.01	-
16	Less capitalization #							
17	Net interest	89.41	-	-	12.12	77.29	10.01	-
18	Add prior period							
19	Total interest	89.41	-	-	12.12	77.29	10.01	-
20	Finance charges							
21	Total Interest and Finance Charges	89.41	-	-	12.12	77.29	10.01	-

* Average Rate for various loans

Note: There are no other loans taken by ED-Goa apart from PFC Loan for APDRP purposes.

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Details of loans for FY 2014-15 (Projected)
[Information to be supplied for ensuing year (projections)]

(Rs. Crore)

Sl. No.	Particulars (source)	Opening balance	Rate of interest *	Addition during the year	Repayment during the year	Closing balance	Amount of interest paid	
							Paid	Payable
1	2	3	4	5	6	7	8	9
1	SLR Bonds							
2	Non SLR Bonds							
3	LIC							
4	REC							
5	Commercial Banks							
6	Letter of Credit Charges						1.30	
7	Lease rental							
8	PFC *	36.07	12.92%	-	8.50	27.57	4.11	
9	PFC - Loan No.18003004	9.75	43.35%	-	3.12	6.63	3.55	
10	PFC - Loan No.18233001 to 004	31.47	0.00%	-	-	31.47	-	
11	Working capital loan							
12	Others							
13	Total	77.29		-	11.62	65.67	8.96	-
14	Add Govt. loan							
	-State Govt.							
	-Central Govt.							
	Total	-	-	-	-	-	-	-
15	Total (13+14)	77.29	-	-	11.62	65.67	8.96	-
16	Less capitalization #							
17	Net interest	77.29	-	-	11.62	65.67	8.96	-
18	Add prior period							
19	Total interest	77.29	-	-	11.62	65.67	8.96	-
20	Finance charges							
21	Total Interest and Finance Charges	77.29	-	-	11.62	65.67	8.96	-

* Average Rate for various loans

Note: There are no other loans taken by ED-Goa apart from PFC Loan for APDRP purposes.

PFC LOAN ACCOUNT (In Rs. Lacs)

Loan No.	Loan Amount	Date of Sanction	Rate of Interest	Bal. as on 31/03/2009	Repayments Made													
					2010-11		Bal. as on 31/03/2011	2011-12		Bal. as on 31/03/2012	2012-13		Bal. as on 31/03/2013	2013-14		Bal. as on 31/03/2014	2014-15	
					Principal	Interest		Principal	Interest		Principal	Interest		Principal	Interest		Principal	Interest
18018001	60	040/3/1998	9.50%	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18018002	392	19/03/1999	9.50%	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18018003	1150	19/03/1999	14.50%	173	58	3	0	0	0	0	0	0	0	0	0	0	0	0
18006001	483	13/03/2000	9.00%	74	25	1	0	0	0	0	0	0	0	0	0	0	0	0
18009001	445	070/3/2001	9.00%	164	50	8	63	50	4	13	13	0	0	0	0	0	0	0
18003001	970	23/01/2002	10.50%	388	97	27	194	97	17	97	97	6	0	0	0	0	0	0
18003002	1992	37379	10.50%	847	199	60	449	199	122	250	199	18	50	50	1	0	0	0
18021001	2119	20/09/2003	9.00%	1377	212	98	953	212	79	741	212	60	529	212	41	317	212	21
18021002	1363	38327	9.00%	2124	303	208	1517	303	181	1214	303	143	910	303	103	607	303	64
0	0	0	13.00%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18003003	4141	20/03/2009	11.75%	3793	335	489	3686	335	452	3351	335	411	3016	335	368	2681	335	326
0	0	0	12.75%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18003004	1471	13/05/2009	11.75%	0	0	137	1471	61	173	1410	123	160	3272	312	358	2961	312	355
Total	14,586			8,965	1,279	1,031	8,333	1,257	1,028	7,076	1,282	798	5,794	1,212	871	4,582	1,162	766
R.A.P.D.R.P																		
18233001	416	27-02-09	11.50%				416			416			416			416		
18233002	2,189	27-02-09	11.50%				2,189			2,189			2,189			2,189		
18233003	432	27-02-09	11.50%				432			432			432			432		
18233004	109	27-02-09	11.50%				109			109			109			109		
Total	3,147						3,147			3,147			3,147			3,147		
	3,147																	
Grand Total				8,965			11,480			10,223			8,941		871	7,729		766

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

Information regarding restructuring of outstanding loans during the FY 2012-13

Sr. No.	Source of loan	Amount of original loan (Rs. Crores)	Old rate of interest	Amount already restructured	Revised rate of interest	Amount now being restructured (Rs. Crores)	New rate of interest
				(Rs. Crores)			
1	2	3	4	5	6	7	8
1	70% of the Value of Asset at the end of 2009-10						

NIL

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

Information regarding restructuring of outstanding loans during the FY 2013-14

Sr. No.	Source of loan	Amount of original loan (Rs. Crores)	Old rate of interest	Amount already restructured	Revised rate of interest	Amount now being restructured (Rs. Crores)	New rate of interest
				(Rs. Crores)			
1	2	3	4	5	6	7	8
1	70% of the Value of Asset at the end of 2011-12						

NIL

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Value of Assets and Depreciation Charges

(Rs Crores)

Sr. No.	Name of the Assets	Rate of Dep*	Previous Year (Prov.Actual)				
			2012-13				
			Assets value at the beginning of the year**	Additions during the year	Value of assets sold/ disposed off	Assets value for Depreciation Purpose	Depreciation charges
1	2	3	4	5	6	7	7
1	Land	5.28%	126.00	81.30	-	207.30	8.80
2	Building						
3	Other Civil Works						
4	Plant & Machinery						
5	Transformers centres						
6	New Sub- Stations						
7	Static Machine Tools						
8	Vehicles(incl.Self propelled)						
9	Switch gear & S/S equip.						
10	Meters						
11	Furniture and Fixtures						
12	Office Equipments						
13	Overhead lines						
14	Lightening arrestors						
15	Batteries						
16	St. light fittings						
17	Service lines						
18	Underground cables						
19	Others						
	Total		126.00	81.30	-	207.30	8.80

Note * Depreciation rates as per CERC's Depreciation Rate Schedule & Opening GFA as per Tariff Order

** Opening Balance considered as approved by JERC

(Rs Crores)

Sr. No.	Name of the Assets	Rate of Dep*	Current Year (Revised Estimates)				
			2013-14				
			Assets value at the beginning of the year	Additions during the year	Value of assets sold/ disposed off	Assets value for Depreciation Purpose	Depreciation charges
1	2	3	4	5	6	7	7
1	Land	5.28%	207.30	191.44	-	398.74	16.00
2	Building						
3	Other Civil Works						
4	Plant & Machinery						
5	Transformers centres						
6	New Sub- Stations						
7	Static Machine Tools						
8	Vehicles(incl.Self propelled)						
9	Switch gear & S/S equip.						
10	Meters						
11	Furniture and Fixtures						
12	Office Equipments						
13	Overhead lines						
14	Lightening arrestors						
15	Batteries						
16	St. light fittings						
17	Service lines						
18	Underground cables						
19	Others						
	Total		207.30	191.44	-	398.74	16.00

Note * Depreciation rates as per CERC's Depreciation Rate Schedule & Opening GFA as per Tariff Order

(Rs Crores)

Sr. No.	Name of the Assets	Rate of Dep*	Ensuing Year (Projections)				
			2014-15				
			Assets value at the beginning of the year	Additions during the year	Value of assets sold/ disposed off	Assets value for Depreciation Purpose	Depreciation charges
1	2	3	4	5	6	7	7
1	Land	5.28%	398.74	127.50	-	526.24	24.42
2	Building						
3	Other Civil Works						
4	Plant & Machinery						
5	Transformers centres						
6	New Sub- Stations						
7	Static Machine Tools						
8	Vehicles(incl.Self propelled)						
9	Switch gear & S/S equip.						
10	Meters						
11	Furniture and Fixtures						
12	Office Equipments						
13	Overhead lines						
14	Lightening arrestors						
15	Batteries						
16	St. light fittings						
17	Service lines						
18	Underground cables						
Total			398.74	127.50	-	526.24	24.42

Note * Weighted average rate of Depreciation

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Calculation of Advance Against Depreciation

(Rs Crore)

S. No	Particulars	Current year (Rev Est)	Ensuing year (Projection)
		2012-13	2013-14
1	1/10th of the Loan(s)	Not being claimed as not allowed in Tariff Regulations	
2	Repayment of the Loan(s) as considered for working out Interest on Loan		
3	Minimum of the Above		
4	Less: Depreciation during the year		
	A		
5	Cumulative Repayment of the Loan(s) as considered for working out Interest on Loan		
6	Less: Cumulative Depreciation		
	B		
7	Advance Against Depreciation (minimum of A or B)	-	-

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Repair and Maintenance Expenses

(Rs. Crore)

Sr. No	Particulars	Previous year (Prov. Actual)	Current year (Provisional)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	3	4	5	6
1	Plant & machinery *					
	-Plant & Apparatus					
	-EHV substations					
	- 33kV substation	0.03	-	0.10	0.10	0.12
	- 11kV substation					
	- Switchgear and cable connections					
	- Others					
	Total	0.03	-	0.10	0.10	0.12
2	Buildings (Electricity Residential & Non-Residential)	0.81	0.27	2.43	2.70	2.89
3	Hydraulic works & civil works	-	-	-	-	-
4	Line cable & network *					
	-EHV Lines					
	- 33kV lines	14.97	5.86	10.36	16.22	16.45
	- 11kV lines					
	- LT lines					
	- Meters and metering equipment	0.05	0.01	0.15	0.16	0.20
	- Others					
	Total	15.02	5.87	10.51	16.38	16.65
5	Vehicles	-	-	-	-	-
6	Furniture & fixtures	-	-	-	-	-
7	Office equipments					
8	Minor R&M Works	3.08	1.18	3.02	4.20	5.05
9	Total	18.94	7.32	16.06	23.38	24.71
10	Add/Deduct share of others (To be specified)	-	-	-	-	-
11	Total expenses	18.94	7.32	16.06	23.38	24.71
12	Less : Capitalized	-	-	-	-	-
13	Net expenses	18.94	7.32	16.06	23.38	24.71
14	Add: prior period	-	-	-	-	-
15	Total R&M expenses	18.94	7.32	16.06	23.38	24.71

* Department maintains Division wise information and at present Voltage wise Information is unavailable.

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Total Number of Employees

Sr. No.	Particulars	Previous year (Prov.Actual)	Current year (Provisional)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	3	4	3	4
1	Number of Employees as on 1st April	5,235	5,221	5,146	5,221	6,326
2	Number of Contract Employees as on 1st April	922	1,285	1,285	1,285	1,285
3	Total Employees + Contract Employees as on 1st April	6,157	6,506	6,431	6,506	7,611
4	Permanent Posts filled during the year	124	13	1,275	1,288	13
5	Contract Employees as on 31st March	363	-	-	-	-
6	Total number of employees + Contractors (3+4+5)	6,644	6,519	7,706	7,794	7,624
7	Number of employees retired/ retiring during the year	138	88	95	183	122
8	Number of employees + contract employees at the end of the year (6-7)	6,506	6,431	7,611	7,611	7,502

Sr. No	Details of Staff/ Employees	As on 31st March 2010	As on 31st March 2011	As on 31st March 2012	As on 31st March 2013	As on 31st March 2014	As on 31st March 2015
1	Technical Engineering Staff	425	433	448	444	505	496
2	Non Engineering Technical	2847	2940	2956	2883	3949	3881
3	Administrative Staff	1704	1663	1831	1894	1872	1840
	Total No of Employees	4976	5036	5235	5221	6326	6217
4	Employees on Contract basis	897	904	922	1285	1285	1285
	Total Staff	5873	5940	6157	6506	7611	7502

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

Employee Cost

(Rs. Crore)

Sr.No	Particulars	Previous year (Prov.Actual)	Current year (Provisional)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	4	5	6	7
A	Salaries& Allowances					
1	Pay in Pay Band	54.44	29.62	29.62	59.24	63.60
2	Grade Pay	13.71	8.19	8.19	16.38	17.59
3	Dearness Allowance	43.26	25.84	25.84	51.68	55.48
4	House rent Allowance	13.78	8.23	8.23	16.46	17.67
5	Transport allowance	6.23	3.72	3.72	7.44	7.99
6	Special Pay	-	-	-	-	-
7	Personal Pay	0.10	0.06	0.06	0.12	0.13
8	Deputation pay	-	-	-	-	-
9	Honorarium	-	-	-	-	-
10	Washing Allowance	0.29	0.17	0.17	0.34	0.37
11	Medical Reim.Charges	0.90	0.54	0.54	1.08	1.16
12	conveyance allowance	0.16	0.09	0.09	0.18	0.19
13	Leave encashment	1.42	0.85	0.85	1.70	1.83
14	Field Allowance	0.77	0.46	0.46	0.92	0.99
15	Shift Duty Allowance	0.63	0.38	0.38	0.76	0.82
16	Overtime allowance	0.01	0.01	0.01	0.02	0.02
17	CPF Earnings(Govt. Contr.)	2.17	1.30	1.30	2.60	2.79
18	Bonus	3.25	1.94	1.94	3.88	4.17
19	Tution fees/child Ed. Allow.	0.40	0.24	0.24	0.48	0.52
20	Cycle Allowances	0.01	0.01	0.01	0.02	0.02
21	Child Education Allowance	-	-	-	-	-
22	Difference of ACP	1.10	0.66	0.66	1.32	1.42
23	Difference of Pay Protection	0.04	0.03	0.03	0.06	0.06
24	Festival Advance	0.28	0.15	0.15	0.30	0.32
25	LTC	0.01	0.01	0.01	0.02	0.02
	Total	142.96	82.50	82.50	165.00	177.14
27	Less: Amount capitalized	-	-		-	-
28	Net amount	142.96	82.50	82.50	165.00	177.14
29	Add : prior period expenses	-	-		-	-
30	Total Employee Expenses	142.96	82.50	82.50	165.00	177.14

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Administration and General Expenses

(Rs. Crore)

Sr. No.	Particulars	Previous year (Prov. Actual)	Current year (Provisional)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	4	5	6	7
1	Rent, rates & taxes	0.22	0.06	0.26	0.32	0.41
2	Domestic Travel Allowances	0.37	0.15	0.37	0.52	0.69
3	Office Expenses	3.63	1.39	5.02	6.41	5.00
4	Regulatory Expenses (License + Petition Fees)	0.55	0.50	1.00	1.50	1.58
5	Advertisement & Publicity	0.24	0.09	0.72	0.81	0.81
6	Legal, Professional & Special Service Charges	0.44	0.09	0.91	1.00	0.60
7	Other A&G Charges	0.75	0.12	0.71	0.83	0.88
8	Other material related expenses					
10	Total	6.20	2.40	8.99	11.39	9.97
11	Add/Deduct share of others (to be specified)	-	-	-	-	-
12	Total expenses	6.20	2.40	8.99	11.39	9.97
13	Less: Capitalized	-	-	-	-	-
14	Net expenses	6.20	2.40	8.99	11.39	9.97
15	Add: Prior period	-	-	-	-	-
16	Total A&G Expenses	6.20	2.40	8.99	11.39	9.97

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
CGRF Expenses

Sr No	Particulars	Previous Year (Prov Actual)	Current Year			Ensuing Year
		FY 2012-13	FY 2013-14 H1	FY 2013-14 H2	FY 2013-14 (H1 + H2)	FY 2014-15
1	Salaries	0.20	0.14	0.31	0.45	0.60
2	Domestic Travel Expenses	0.01	0.00	0.01	0.01	0.02
3	Office Expenses	0.03	0.01	0.03	0.04	0.05
4	Advertising and Publicity	0.00	0.00	0.02	0.02	0.02
5	Other Charges	0.00	0.02	0.00	0.02	0.04
6	P.O.L	0.00	0.00	0.02	0.02	0.02
7	Total (Rs. Lacs)	0.24	0.17	0.39	0.56	0.75

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Information regarding Bad and Doubtful Debts

(Rs. Crore)

Sr. No.	Particulars	Previous year (Prov.Actual)	Current year (Prov. Actual)	Current year (Rev Est)	Current year (Provisional)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	4	5	6	7
1	Bad and Doubtful debts	-	-	-	-	-

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Information regarding Working Capital for ensuing year

Sr. No.	Particulars	Previous year (Prov.Actual)	Current year (Prov. Actual)	Current year (Rev Est)	Current year (Provisional)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	4	5	6	7
1	Power Purchase Cost - 1 Month	87.79	89.30	91.98	90.64	88.79
2	Employee Cost - 1 Month	11.91	13.75	13.75	13.75	14.76
3	Administration & General Expenses including CGRF Expenses - 1 Month	0.54	0.43	1.56	1.00	0.89
4	R&M Cost - 1 Month	1.58	1.22	2.68	1.95	2.06
5	Less: Security Deposit Opening Bal.	59.25	62.77	69.78	62.77	77.25
6	Total	42.56			44.57	29.26
7	Interest Rate *	14.75%			14.45%	14.75%
8	Interest on working capital	6.28			6.44	4.32

* SBI Lending Rate as on 1st April of relevant Financial year and for FY 14-15, latest rate is taken

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Information regarding Security Deposits from Consumers

Rs.Crores

Sr. No.	Particulars	Previous year (Prov.Actual)	Current year (Prov.Actual)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	3	4	5	6
1	Opening Security Deposit	59.25	62.77	69.78	62.77	77.25
2	Add: Deposits during the Year	4.21	8.27	8.27	16.54	15.96
3	Less: Deposits refunded	0.70	1.26	0.80	2.06	2.86
4	Less: Deposits in form of BG/FDR	-	-	-	-	-
5	Closing Security Deposit	62.77	69.78	77.25	77.25	90.36
6	Bank Rate	9.50%	8.75%	8.75%	8.75%	8.75%
7	Interest on Security Deposit *	5.63			5.49	6.76

* computed / re-computed on Opening Balance as per JERC's approach

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

Information regarding Foreign Exchange Rate Variation (FERV)

(Rs. Crore)

Sr. No.	Particulars	Current year (Prov.Actual)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2012-13 H1	2012-13 H2	2012-13	2013-14
1	2	3	4	5	6
1	Amount of liability provided	NIL	NIL	NIL	NIL
2	Amount recovered				
3	Amount adjusted				

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

Non Tariff Income

(Rs. Crore)

Sr. No.	Particulars	Current year (Prov.Actual)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2013-14 H1	2013-14 H2	2013-14	2014-15
1	2	3	4	5	3
1	Sale Proceeds of dead stock, waste paper etc	0.04	1.15	1.19	1.22
2	Receipt from Other Items	-	-	-	-
3	Theft/pilferage of energy	-	-	-	-
4	Wheeling charges under open access	-	-	-	-
5	Interest on staff loans & advance	-	-	-	-
6	Income from trading	-	-	-	-
7	Income staff welfare activities	-	-	-	-
8	Investment & bank balances	-	-	-	-
9	Misc. Receipts/income	3.57	17.79	21.36	22.00
10	Total income	3.61	18.94	22.55	23.22
11	Add: prior period income	-	-	-	-
12	Total non tariff income	3.61	18.94	22.55	23.22

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Information regarding Revenue from Other Business

Sr. No.	Particulars	(Rs. Crore)		
		Previous Year (FY 2011-12)	Current year (FY 2012-13)	Ensuing year (FY 2013-14)
1	2	3	4	5
1	Total revenue from other business	NIL		
2	Income from other business to be considered for licensed business as per regulations			

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Lease Details

Sr. No.	Name of Lesser	Gross Assets (Rs. Crore)	Lease entered on	Lease Rentals	Primary period ended/ ending by	Secondary period ending by
1	2	3	4	5	6	7
		NIL				

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Information regarding Wholesale Price Index (All Commodities)
(To be supported with documentary evidence)

Sr. No.	Period	WPI	Increase over previous year
1	2	3	4
1	Financial Year 2007-08	116.63	
2	Financial Year 2008-09	126.02	8.05%
3	Financial Year 2009-10	130.81	3.80%
4	Financial Year 2010-11	143.32	9.56%
5	Financial Year 2011-12	156.13	8.94%
5	Financial Year 2012-13	167.62	7.36%

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ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15
Information regarding amount of equity and loan

Sr. No.	Period	Amount of equity (Rs. Crore) *	Amount of loan (Rs. Crore)	Ratio of equity & loan
1	2	3	4	5
1	As on March 31 of Current Year	321.45	77.29	81:19
2	As on March 31 of Ensuring Year	460.57	65.67	88:12

*Note * Equity is computed as balancing figure from Total GFA minus Loan*

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2013-14
Cash flow statement for the ensuing year (Projections FY 2014-15)

(Rs. Crore)

Sr. No.	Month	Sources of receipt (Power Sold) **	Total Income/ Revenue	Particulars of payment (Power Purchase) *	Total Expenses
1	2	3	4	5	6
1	April	272	95.68	310	112.27
2	May	283	99.39	322	116.62
3	June	242	85.11	276	99.87
4	July	249	87.44	283	102.60
5	August	254	89.17	289	104.62
6	September	244	85.63	278	100.48
7	October	274	96.26	312	112.95
8	November	278	97.66	317	114.59
9	December	266	93.68	304	109.92
10	January	267	94.00	305	110.29
11	February	252	88.60	287	103.96
12	March	296	104.23	338	122.30
	Total	3,177	1,116.86	3,621	1,310.46

* Total Expenses for FY 2014-15, pro-rated based on FY 12-13 monthwise Input at Perip

** Projected after losses and Income pro-rated based on sales units.

Particulars	Mus	Rs.Crs	Rs/kWh
Average Revenue at Proposed Tariffs	3,177	1,116.86	3.52
Average Total Cost (net)	3,621	1,310.46	3.62

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR 2014-15

Rs Crore

Sr. No.	Item of expense	Current year (Prov.Actual)	Current year (Actual)	Current year (Rev Est)	Current year (Rev Est)	Ensuing year (Projection)
		2012-13	2013-14 H1	2013-14 H2	2013-14 H1 + H2	2014-15
1	2	3	4	5	6	7
1	Cost of fuel	-	-	-		-
2	Cost of power purchase	1,053.43	535.78	551.91	1,087.69	1,065.53
3	Employee costs	142.96	82.50	82.50	165.00	177.14
4	R&M expenses	18.94	7.32	16.06	23.38	24.71
5	Administration and General expenses	6.20	2.40	8.99	11.39	9.97
6	Depreciation *	8.80	8.00	8.00	16.00	24.42
7	Interest on Loan & Finance charges	10.14	5.01	5.01	10.01	8.96
8	Interest on Working Capital *	6.28	3.22	3.22	6.44	4.32
9	Interest on Security Deposit *	5.63	2.75	2.75	5.49	6.76
10	Return on NFA /Equity *	3.68	2.93	2.93	5.86	11.12
11	Provision for Bad Debt	-	-	-	-	-
12	CGRF Expenses	0.24	0.17	0.39	0.56	0.75
13	Total Revenue Requirement	1,256.29	650.07	681.75	1,331.82	1,333.68
14	Less: Non Tariff Income	23.06	3.61	18.94	22.55	23.22
15	Less: Revenue from Sale of Power - UI Pool	24.14	5.09	-	5.09	-
16	Less: Revenue from Sale of Power-Exchanges	12.08	-	-	-	-
17	Net Revenue Requirement (13-14-15-16)	1,197.01	641.37	662.81	1,304.18	1,310.46
18	Revenue from Retail Sales at Existing Tariff including FPPCA Charges	898.16	478.52	514.31	992.83	1,031.31
19	Revenue from FPA Charges	31.10	23.68	-	23.68	-
20	Net Gap (17-18-19)	267.75	139.17	148.49	287.66	279.15
21	Energy sales (MU)	2,962	1,428	1,590	3,018	3,177
22	Average Cost of Supply (Rs/kWh)	4.04			4.32	4.12

* Note: These expenses are worked out on annual basis & for representation purpose taken equal for H1

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR THE YEAR 2014-15
REVENUE AT EXISTING TARIFF
YEAR 2012-13 (Actual April 2012 to March 2013)

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Revenue (Rs Crore)			
					Fixed Charges	Energy Charges	FPPCA Charges	Total
1	2	3	4	5	6	7	8	9
A	Low Tension Supply	580,227	1,237	1,552,919				
1(a)	Tariff LTD/Domestic and Non-Commercial	441,189	831	1,033,122	3.34	134.56	2.84	140.74
	<i>First 60 Units</i>	94,451	175					
	<i>61 to 250 Units</i>	265,730	499					
	<i>251 to 500 Units</i>	63,865	125					
	<i>Above 500 Units</i>	17,142	33					
1(b)	Tariff LTD/Low Income Group	14,232	9	1,241	0.04	1.01	0.26	1.31
1(c)	Tariff LTD/Domestic Mixed	50	4	2,074	0.03	1.42	0.05	1.50
	<i>First 400 Units</i>	41	3					
	<i>Above 400 Units</i>	9	1					
2	Tariff-LTC/Commercial	94,471	267	275,155	1.31	81.68	1.62	84.61
	<i>First 100 Units</i>	45,933	131					
	<i>From 101 to 1000 Units</i>	42,275	120					
	<i>All Consumption above 1000 Units</i>	6,263	16					
3 (a)	Tariff-LTP/Motive Power	9,521	76	144,144	1.63	33.45	0.56	35.64
	<i>Connected Load upto 50 HP</i>	500	4					
	<i>Connected Load above 50 HP</i>	9,022	72					
3 (b)	Tariff-LTP/ Ice Manufacturing	47	7	1,924	0.03	2.15	0.09	2.28
	<i>Connected Load upto 100 HP</i>	47	-					
3(a)	Tariff-LTP/Mixed (Hotel Industries)	124	5	3,363	0.41	1.27	0.05	1.72
4	Tariff-LTAG/Agriculture	11,025	18	62,134	0.10	2.04	0.04	2.18
5	Tariff-LTPL/Public Lighting	9,020	16	8,450	0.75	3.79	0.06	4.59
6	Tariff-LT PWW/Public Water Works	547	2	21,313	0.04	0.72	0.04	0.79
B	High Tension Supply	754	1,711	633,613				
7	Tariff HT-Mixed	201	211	63,017	11.68	40.17	1.95	53.80
8(a)	Tariff HTI/Industrial	367	560	228,740	35.04	192.05	6.22	233.31
8(b)	Tariff HTI/Hotel Industries	47	52	118,646	6.86	11.28	2.65	20.80
8(c)	Tariff HTI/Ice Manufacturing	2	0	200	0.03	0.14	0.12	0.30
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	554	93,200	56.39	126.22	8.38	190.98

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Revenue (Rs Crore)			
					Fixed Charges	Energy Charges	FPPCA Charges	Total
1	2	3	4	5	6	7	8	9
	<i>First 300 Units/kVA</i>		299					
	<i>Next 200 Units/kVA</i>		211					
	<i>Above 500 Units/kVA</i>		44					
10	Tariff-HTAG/Agriculture	42	8	8,200	0.11	0.81	0.01	0.93
11	EHTI/Industrial	4	113	64,916	10.31	49.26	3.02	62.58
12	H.T. PW/Public Water Supply and Sewage	31	113	25,405	4.43	42.11	1.76	48.30
13	H.T. MES/Defence Establishments	12	35	6,810	0.80	8.48	0.35	9.63
14	H.T. Industrial (Steel Rolling)	13	57	19,250	9.78	11.29	0.87	21.94
	<i>First 200 Units/kVA</i>		41					
	<i>Next 100 Units/kVA</i>		13					
	<i>Above 300 Units/kVA</i>		3					
15	Tariff HT-Industries (IT High Tech).	8	7	5,229	0.45	3.19	0.17	3.81
C	Temporary Supply	4,196	15	16,847				
16	Tariff-LT/Temporary	4,195	14	16,597	0.00	6.71	-	6.71
17	Tariff-HT/Temporary	1	1	250	0.16	0.65	-	0.81
	Total Demand/ Sale Within State	585,177	2,962	2,203,380	143.72	754.45	31.10	929.26

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR THE YEAR 2014-15
REVENUE AT EXISTING TARIFF
YEAR 2013-14 (Actual April 2013 to September 2013)

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Revenue (Rs Crore)			
					Fixed Charges	Energy Charges	FPPCA Charges	Total
1	2	3	4	5	6	7	8	9
A	Low Tension Supply	583,124	571	2,567,921	5.44	130.15	7.34	142.92
1(a)	Tariff LTD/Domestic and Non-Commercial	443,395	358	1,125,744	2.81	69.73	4.02	76.56
	<i>First 60 Units</i>	94,923	75	241,002				-
	<i>61 to 250 Units</i>	267,059	215	678,041				-
	<i>251 to 500 Units</i>	64,185	54	162,960				-
	<i>Above 500 Units</i>	17,228	14	43,741				-
1(b)	Tariff LTD/Low Income Group	14,303	11	1,200	0.04	0.48	0.06	0.59
1(c)	Tariff LTD/Domestic Mixed	50	3	2,186	0.02	0.62	0.03	0.68
	<i>First 400 Units</i>	41	2	1,789				-
	<i>Above 400 Units</i>	9	0	398				-
2	Tariff-LTC/Commercial	94,944	132	333,249	1.09	43.27	2.33	46.69
	<i>First 100 Units</i>	46,162	64	162,028				-
	<i>From 101 to 1000 Units</i>	42,487	59	149,127				-
	<i>All Consumption above 1000 Units</i>	6,294	9	22,093				-
3 (a)	Tariff-LTP/Motive Power	9,569	39	1,006,048	1.17	9.38	0.54	11.09
	<i>Connected Load upto 50 HP</i>	502	2	52,786				-
	<i>Connected Load above 50 HP</i>	9,067	37	953,261				-
3 (b)	Tariff-LTP/ Ice Manufacturing	44	4	1,873	0.03	1.29	0.08	1.41
	<i>Connected Load upto 100 HP</i>	44	4	1,873				-
3(a)	Tariff-LTP/Mixed (Hotel Industries)	124	2	3,298	0.02	0.92	0.06	0.99
4	Tariff-LTAG/Agriculture	11,080	8	63,890	0.14	1.34	0.11	1.59
5	Tariff-LTPL/Public Lighting	9,065	12	8,999	0.08	2.84	0.07	2.98
6	Tariff-LT PWW/Public Water Works	550	3	21,436	0.03	0.28	0.03	0.34
		-	-	-				-
B	High Tension Supply	803	852	657,774	69.48	268.13	16.35	353.96
7	Tariff HT-Mixed	201	56	67,632	4.88	17.64	1.18	23.70
8(a)	Tariff HTI/Industrial	367	254	234,133	18.30	80.35	4.87	103.52
8(b)	Tariff HTI/Hotel Industries	96	60	122,732	2.85	19.57	1.27	23.69
8(c)	Tariff HTI/Ice Manufacturing	2	0	364	0.02	0.08	0.01	0.11
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	266	93,200	23.19	69.66	5.10	97.95

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Revenue (Rs Crore)			
					Fixed Charges	Energy Charges	FPPCA Charges	Total
1	2	3	4	5	6	7	8	9
	<i>First 300 Units/kVA</i>	-	144	50,328				-
	<i>Next 200 Units/kVA</i>	-	101	35,416				-
	<i>Above 500 Units/kVA</i>	-	21	7,456				-
10	Tariff-HTAG/Agriculture	42	3	8,200	0.10	0.34	-	0.44
11	EHTI/Industrial	4	92	76,500	4.56	27.47	1.74	33.77
12	H.T. PW/Public Water Supply and Sewage	31	69	26,845	2.55	22.26	1.24	26.05
13	H.T. MES/Defence Establishments	12	12	6,810	0.44	4.22	0.23	4.89
14	H.T. Industrial (Steel Rolling)	13	29	16,200	12.49	6.54	0.59	19.62
	<i>First 200 Units/kVA</i>	-	21	11,502				-
	<i>Next 100 Units/kVA</i>	-	7	3,726				-
	<i>Above 300 Units/kVA</i>	-	2	972				-
15	Tariff HT-Industries (IT High Tech).	8	10	5,158	0.09	20.01	0.12	20.23
		-	-	-				-
C	Temporary Supply	4,075	5	16,297	0.00	5.31	-	5.31
16	Tariff-LT/Temporary	4,075	5	16,297	0.00	5.24	-	5.24
17	Tariff-HT/Temporary	-	0	-	-	0.08	-	0.08
								-
	Total Demand/ Sale Within State	588,002	1,428	3,241,992	74.92	403.60	23.68	502.20

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR THE YEAR 2013-14
REVENUE AT EXISTING TARIFF
YEAR 2013-14 (Estimated for October 2013 to March 2014)

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Fixed Charge (Rs/kW Rs/kVA Rs/BHP Rs/Month/ Connection)	Energy Charge (Rs/kWh)	Revenue (Rs Crore)			
							Fixed Charges	Energy Charges	FPPCA Charges*	Total
1	2	3	4	5	6	7	8	9	10	11
A	Low Tension Supply	591,288	699	2,568,563			5.05	153.83	-	158.89
1(a)	Tariff LTD/Domestic and Non-Commercial	449,602	442	1,126,025			3.01	76.13		79.14
	<i>First 60 Units</i>	96,252	93	241,062	5	1.20	0.29	11.14		11.43
	<i>61 to 250 Units</i>	270,798	265	678,211	10	1.60	1.62	42.44		44.07
	<i>251 to 500 Units</i>	65,083	66	163,001	20	2.60	0.78	17.24		18.02
	<i>Above 500 Units</i>	17,469	18	43,752	30	3.00	0.31	5.31		5.62
1(b)	Tariff LTD/Low Income Group	14,503	12	1,200	25	-	0.22	-		0.22
1(c)	Tariff LTD/Domestic Mixed	51	3	2,187			0.00	0.73		0.73
	<i>First 400 Units</i>	42	2	1,793	20	2.70	0.00	0.58		0.58
	<i>Above 400 Units</i>	9	0	398	30	3.70	0.00	0.14		0.14
2	Tariff-LTC/Commercial	96,273	162	333,332			1.53	55.45		56.98
	<i>First 100 Units</i>	46,809	79	162,069	20	3.00	0.56	23.79		24.35
	<i>From 101 to 1000 Units</i>	43,082	73	149,164	30	3.80	0.78	27.68		28.45
	<i>All Consumption above 1000 Units</i>	6,383	10	22,099	50	4.10	0.19	3.98		4.17
3 (a)	Tariff-LTP/Motive Power	9,703	50	1,006,299			0.12	14.97		15.09
	<i>Connected Load upto 50 HP</i>	509	3	52,800	20	2.50	0.01	0.66		0.67
	<i>Connected Load above 50 HP</i>	9,194	48	953,499	20	3.00	0.11	14.31		14.42
3 (b)	Tariff-LTP/ Ice Manufacturing	45	4	1,873			-	-		-
	<i>Connected Load upto 100 HP</i>	45	4	1,873	20	3.00	0.00	0.00		0.00
3(a)	Tariff-LTP/Mixed (Hotel Industries)	126	3	3,298	25	4.00	0.00	1.01		1.01
4	Tariff-LTAG/Agriculture	11,235	8	63,906	5	1.20	0.03	1.01		1.04
5	Tariff-LTPL/Public Lighting	9,192	12	9,002	25	3.00	0.14	3.70		3.83
6	Tariff-LT PWW/Public Water Works	558	3	21,441	20	2.50	0.01	0.84		0.85
		-	-	-			-	-		-

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Fixed Charge (Rs/kW Rs/kVA Rs/BHP Rs/Month/ Connection)	Energy Charge (Rs/kWh)	Revenue (Rs Crore)			
							Fixed Charges	Energy Charges	FPPCA Charges*	Total
1	2	3	4	5	6	7	8	9	10	11
B	High Tension Supply	814	886	657,938			85.83	265.53	-	351.36
7	Tariff HT-Mixed	204	58	67,649	175	3.15	7.10	18.19		25.29
8(a)	Tariff HTI/Industrial	372	264	234,192	175	3.30	24.59	87.10		111.69
8(b)	Tariff HTI/Hotel Industries	97	63	122,763	175	3.30	12.89	20.69		33.58
8(c)	Tariff HTI/Ice Manufacturing	2	0	364	175	3.00	0.04	0.07		0.11
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	277	93,223			25.29	72.92		98.21
	<i>First 300 Units/kVA</i>	14	149	50,341	450	2.50	13.59	37.36		50.95
	<i>Next 200 Units/kVA</i>	10	105	35,425	450	2.75	9.56	28.92		38.48
	<i>Above 500 Units/kVA</i>	2	22	7,458	450	3.00	2.01	6.64		8.66
10	Tariff-HTAG/Agriculture	43	3	8,202	25	1.25	0.12	0.34		0.46
11	EHTI/Industrial	4	96	76,519	175	3.30	8.03	31.58		39.62
12	H.T. PW/Public Water Supply and Sewage	32	72	26,852	175	3.00	2.82	21.64		24.46
13	H.T. MES/Defence Establishments	12	13	6,812	125	3.30	0.51	4.22		4.73
14	H.T. Industrial (Steel Rolling)	13	31	16,204			3.89	6.06		9.95
	<i>First 200 Units/kVA</i>	9	22	11,505	400	1.80	2.76	3.92		6.68
	<i>Next 100 Units/kVA</i>	3	7	3,727	400	2.25	0.89	1.59		2.48
	<i>Above 300 Units/kVA</i>	1	2	972	400	3.00	0.23	0.55		0.79
15	Tariff HT-Industries (IT High Tech).	8	10	5,159	175	2.60	0.54	2.71		3.25
		-	-	-			-	-		-
C	Temporary Supply	4,132	5	16,301			-	4.07		4.07
16	Tariff-LT/Temporary	4,132	5	16,301	-	7.50	-	4.01		4.01
17	Tariff-HT/Temporary	-	0	-	-	7.50	-	0.05		0.05
18		-	-	-				-		-
	Total Demand/ Sale Within State	596,234	1,590	3,242,803			90.89	423.43	-	514.31

* FPPA Charges for 2nd Qtr (July to Sep 2013) to be levied in Nov 2013, Dec 2013 & Jan 2014 is negative & negligible & hence not considered for H2 estimation purposes.

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Fixed Charge (Rs/kW Rs/kVA Rs/BHP Rs/Month/ Connection)	Energy Charge (Rs/kWh)	Revenue (Rs Crore)			
							Fixed Charges	Energy Charges	FPPCA Charges*	Total
1	2	3	4	5	6	7	8	9	10	11
B	High Tension Supply	814	1,738	657,938	-	-	155.31	533.66	16.35	705.32
7	Tariff HT-Mixed	204	113	67,649	175.00	3.15	11.98	35.83	1.18	49.00
8(a)	Tariff HTI/Industrial	372	518	234,192	175.00	3.30	42.89	167.45	4.87	215.21
8(b)	Tariff HTI/Hotel Industries	97	123	122,763	175.00	3.30	15.74	40.26	1.27	57.28
8(c)	Tariff HTI/Ice Manufacturing	2	0	364	175.00	3.00	0.06	0.15	0.01	0.22
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	543	93,223	-	-	48.49	142.57	5.10	196.16
	<i>First 300 Units/kVA</i>	14	149	50,341	450.00	2.50	13.59	37.36	-	50.95
	<i>Next 200 Units/kVA</i>	10	105	35,425	450.00	2.75	9.56	28.92	-	38.48
	<i>Above 500 Units/kVA</i>	2	22	7,458	450.00	3.00	2.01	6.64	-	8.66
10	Tariff-HTAG/Agriculture	43	5	8,202	25.00	1.25	0.22	0.68	-	0.90
11	EHTI/Industrial	4	188	76,519	175.00	3.30	12.60	59.05	1.74	73.39
12	H.T. PW/Public Water Supply and Sewage	32	142	26,852	175.00	3.00	5.36	43.91	1.24	50.51
13	H.T. MES/Defence Establishments	12	25	6,812	125.00	3.30	0.95	8.44	0.23	9.61
14	H.T. Industrial (Steel Rolling)	13	60	16,204	-	-	16.38	12.59	0.59	29.57
	<i>First 200 Units/kVA</i>	9	22	11,505	400.00	1.80	2.76	3.92	-	6.68
	<i>Next 100 Units/kVA</i>	3	7	3,727	400.00	2.25	0.89	1.59	-	2.48
	<i>Above 300 Units/kVA</i>	1	2	972	400.00	3.00	0.23	0.55	-	0.79
15	Tariff HT-Industries (IT High Tech).	8	20	5,159	175.00	2.60	0.63	22.72	0.12	23.48
		-	-	-	-	-	-	-	-	-
C	Temporary Supply	4,132	11	16,301	-	-	0.00	9.38	-	9.38
16	Tariff-LT/Temporary	4,132	11	16,301	-	7.50	0.00	9.25	-	9.25
17	Tariff-HT/Temporary	-	0	-	-	7.50	-	0.13	-	0.13
18	HTI (GSPL)	-	-	-	-	-	-	-	-	-
	Total Demand/ Sale Within State	596,234	3,018	3,242,803			165.81	827.02	23.68	1,016.51

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR THE YEAR 2012-13
REVENUE AT EXISTING TARIFF for FY 2014-15

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Fixed Charge (Rs/kW Rs/kVA Rs/BHP Rs/Month/ Connection)	Energy Charge (Rs/kWh)	Revenue (Rs Crore)			Share in Total Revenue (%)	Average Revenue (Rs/kWh)
							Fixed Charges	Energy Charges	Total		
1	2	3	4	5	6	7	8	9	10	11	12
A	Low Tension Supply	594,244	1,359	2,581,406			10.16	298.82	308.98	30%	2.27
1(a)	Tariff LTD/Domestic and Non-Commercial	451,850	856	1,131,655			6.05	147.39	153.44	15%	1.79
	First 60 Units	96,733	180	242,267	5	1.20	0.58	21.57	22.15	2%	1.23
	61 to 250 Units	272,152	514	681,602	10	1.60	3.27	82.17	85.43	8%	1.66
	251 to 500 Units	65,409	128	163,816	20	2.60	1.57	33.38	34.95	3%	2.72
	Above 500 Units	17,557	34	43,971	30	3.00	0.63	10.27	10.90	1%	3.18
1(b)	Tariff LTD/Low Income Group	14,576	24	1,206	25	-	0.44	-	0.44	0%	0.18
1(c)	Tariff LTD/Domestic Mixed	51	6	2,198	-	-	0.00	1.60	1.60	0%	2.88
	First 400 Units	42	5	1,798	20	2.70	0.00	1.22	1.22	0%	2.70
	Above 400 Units	9	1	400	30	3.70	0.00	0.37	0.37	0%	3.70
2	Tariff-LTC/Commercial	96,754	314	334,998	-	-	3.07	107.72	110.79	11%	3.53
	First 100 Units	47,043	153	162,879	20	3.00	1.13	45.80	46.92	5%	3.07
	From 101 to 1000 Units	43,297	140	149,910	30	3.80	1.56	53.39	54.95	5%	3.91
	All Consumption above 1000 Units	6,414	21	22,209	50	4.10	0.38	8.53	8.92	1%	4.28
3 (a)	Tariff-LTP/Motive Power	9,751	95	1,011,331	-	-	0.23	28.36	28.60	3%	3.00
	Connected Load upto 50 HP	512	5	53,064	20	2.50	0.01	1.25	1.26	0%	2.52
	Connected Load above 50 HP	9,240	90	958,267	20	3.00	0.22	27.11	27.33	3%	3.02
3 (b)	Tariff-LTP/ Ice Manufacturing	45	8	1,882	-	-	0.00	0.00	0.00	0%	0.00
	Connected Load upto 100 HP	45	8	1,882	20	3.00	0.00	2.41	2.42	0%	3.00
3(c)	Tariff-LTP/Mixed (Hotel Industries)	126	5	3,315	25	4.00	0.00	2.12	2.12	0%	4.01
4	Tariff-LTAG/Agriculture	11,291	18	64,226	5	1.20	0.07	2.11	2.18	0%	1.24
5	Tariff-LTPL/Public Lighting	9,238	26	9,047	25	3.00	0.28	7.76	8.03	1%	3.11
6	Tariff-LT PWW/Public Water Works	560	7	21,548	20	2.50	0.01	1.77	1.78	0%	2.52
		-	0	-	-	-	-	-	-	0%	-
B	High Tension Supply	814	1,807	657,938			171.67	542.37	714.04	69%	3.95
7	Tariff HT-Mixed	204	118	67,649	175	3.15	14.21	37.10	51.31	5%	4.36
8(a)	Tariff HTI/Industrial	372	538	234,192	175	3.30	49.18	177.69	226.87	22%	4.21
8(b)	Tariff HTI/Hotel Industries	97	128	122,763	175	3.30	25.78	42.21	67.99	7%	5.32
8(c)	Tariff HTI/Ice Manufacturing	2	1	364	175	3.00	0.08	0.15	0.23	0%	4.51
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	565	93,223	-	-	50.59	149.45	200.03	19%	3.54
	First 300 Units/kVA	-	305	50,341	450	2.50	27.18	76.21	103.39	10%	3.39
	Next 200 Units/kVA	-	215	35,425	450	2.75	19.13	58.99	78.12	8%	3.64
	Above 500 Units/kVA	-	45	7,458	450	3.00	4.03	13.55	17.58	2%	3.89
10	Tariff-HTAG/Agriculture	43	6	8,202	25	1.25	0.25	0.70	0.94	0%	1.69

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Fixed Charge (Rs/kW Rs/kVA Rs/BHP Rs/Month/ Connection)	Energy Charge (Rs/kWh)	Revenue (Rs Crore)			Share in Total Revenue (%)	Average Revenue (Rs/kWh)
							Fixed Charges	Energy Charges	Total		
1	2	3	4	5	6	7	8	9	10	11	12
11	EHTI/Industrial	4	195	76,519	175	3.30	16.07	64.43	80.50	8%	4.12
12	H.T. PW/Public Water Supply and Sewage	32	147	26,852	175	3.00	5.64	44.16	49.79	5%	3.38
13	H.T. MES/Defence Establishments	12	26	6,812	125	3.30	1.02	8.60	9.63	1%	3.69
14	H.T. Industrial (Steel Rolling)	13	63	16,204	-	-	7.78	12.36	20.14	2%	3.22
	<i>First 200 Units/kVA</i>	-	44	11,505	400	1.80	5.52	7.99	13.52	1%	3.04
	<i>Next 100 Units/kVA</i>	-	14	3,727	400	2.25	1.79	3.24	5.03	0%	3.49
	<i>Above 300 Units/kVA</i>	-	4	972	400	3.00	0.47	1.13	1.59	0%	4.24
15	Tariff HT-Industries (IT High Tech).	8	21	5,159	175	2.60	1.08	5.53	6.62	1%	3.11
		-	0	-	-	-	-	-	-	0%	-
C	Temporary Supply	4,173	11	16,464	-	-	-	8.29	8.29	1%	7.50
16	Tariff-LT/Temporary	4,173	11	16,464	-	7.50	-	8.19	8.19	1%	7.50
17	Tariff-HT/Temporary	-	0	-	-	7.50	-	0.10	0.10	0%	7.50
18		-	0	-	-	-	-	-	-	0%	-
	Total Demand/ Sale Within State	599,232	3,177	3,255,809			181.82	849.49	1,031.31	100%	3.25

ELECTRICITY DEPARTMENT - GOA
ANNUAL REVENUE REQUIREMENT FOR THE YEAR 2012-13
REVENUE AT PROPOSED TARIFF for FY 2014-15

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Fixed Charge (Rs/kw Rs/kVA Rs/BHP Rs/Month/ Connection)	Energy Charge (Rs/kWh)	Revenue (Rs Crore)			Share in Total Revenue (%)	Average Revenue (Rs/kWh)
							Fixed Charges	Energy Charges	Total		
1	2	3	4	5	6	7	8	9	10	11	12
A	Low Tension Supply	594,244	1,359	2,581,406			14.05	314.06	328.11	29%	2.41
1(a)	Tariff LTD/Domestic and Non-Commercial	451,850	856	1,131,655			8.28	155.48	163.76	15%	1.91
	<i>First 60 Units</i>	96,733	180	242,267	5	1.20	0.58	21.57	22.15	2%	1.23
	<i>61 to 250 Units</i>	272,152	514	681,602	15	1.70	4.90	87.30	92.20	8%	1.80
	<i>251 to 500 Units</i>	65,409	128	163,816	25	2.75	1.96	35.31	37.27	3%	2.90
	<i>Above 500 Units</i>	17,557	34	43,971	40	3.30	0.84	11.30	12.14	1%	3.55
1(b)	Tariff LTD/Low Income Group	14,576	24	1,206	30	-	0.52	-	0.52	0%	0.22
1(c)	Tariff LTD/Domestic Mixed	51	6	2,198	-	-	0.00	1.82	1.82	0%	3.29
	<i>First 400 Units</i>	42	5	1,798	35	3.10	0.00	1.40	1.41	0%	3.10
	<i>Above 400 Units</i>	9	1	400	50	4.10	0.00	0.41	0.41	0%	4.11
2	Tariff-LTC/Commercial	96,754	314	334,998	-	-	4.59	111.36	115.95	10%	3.69
	<i>First 100 Units</i>	47,043	153	162,879	25	3.00	1.41	45.80	47.21	4%	3.09
	<i>From 101 to 1000 Units</i>	43,297	140	149,910	50	4.00	2.60	56.20	58.80	5%	4.18
	<i>All Consumption above 1000 Units</i>	6,414	21	22,209	75	4.50	0.58	9.37	9.94	1%	4.78
3 (a)	Tariff-LTP/Motive Power	9,751	95	1,011,331	-	-	0.29	31.65	31.94	3%	3.35
	<i>Connected Load upto 50 HP</i>	512	5	53,064	25	2.75	0.02	1.38	1.39	0%	2.78
	<i>Connected Load above 50 HP</i>	9,240	90	958,267	25	3.35	0.28	30.27	30.55	3%	3.38
3 (b)	Tariff-LTP/ Ice Manufacturing	45	8	1,882	-	-	0.00	0.00	0.00	0%	0.00
	<i>Connected Load upto 100 HP</i>	45	8	1,882	25	3.35	0.00	2.70	2.70	0%	3.35
3(c)	Tariff-LTP/Mixed (Hotel Industries)	126	5	3,315	25	4.00	0.00	2.12	2.12	0%	4.01
4	Tariff-LTAG/Agriculture	11,291	18	64,226	5	1.20	0.07	2.11	2.18	0%	1.24
5	Tariff-LTPL/Public Lighting	9,238	26	9,047	25	3.00	0.28	7.76	8.03	1%	3.11
6	Tariff-LT PWW/Public Water Works	560	7	21,548	20	2.50	0.01	1.77	1.78	0%	2.52
		-	0	-	-	-	-	-	-	0%	-
B	High Tension Supply	814	1,807	657,938			196.43	581.22	777.66	70%	4.30
7	Tariff HT-Mixed	204	118	67,649	200	3.30	16.24	38.87	55.11	5%	4.68
8(a)	Tariff HTI/Industrial	372	538	234,192	200	3.50	56.21	188.46	244.66	22%	4.54
8(b)	Tariff HTI/Hotel Industries	97	128	122,763	200	3.50	29.46	44.77	74.23	7%	5.80
8(c)	Tariff HTI/Ice Manufacturing	2	1	364	200	3.15	0.09	0.16	0.25	0%	4.87
9	H.T.Industrial (Ferro Metallurgical/ Steel Melting/ Power Intensive)	26	565	93,223	-	-	58.98	166.38	225.36	20%	3.99
	<i>First 300 Units/kVA</i>	-	305	50,341	525	2.80	31.71	85.36	117.07	10%	3.84
	<i>Next 200 Units/kVA</i>	-	215	35,425	525	3.05	22.32	65.43	87.75	8%	4.09
	<i>Above 500 Units/kVA</i>	-	45	7,458	525	3.30	4.70	14.90	19.60	2%	4.34
10	Tariff-HTAG/Agriculture	43	6	8,202	25	1.25	0.25	0.70	0.94	0%	1.69

Sr. No.	Category of Consumer	No of Consumers	Energy Sale/ Demand (MUs)	Contracted Maximum Demand (KW/kVA)	Fixed Charge (Rs/kW Rs/kVA Rs/BHP Rs/Month/ Connection)	Energy Charge (Rs/kWh)	Revenue (Rs Crore)			Share in Total Revenue (%)	Average Revenue (Rs/kWh)
							Fixed Charges	Energy Charges	Total		
1	2	3	4	5	6	7	8	9	10	11	12
11	EHTI/Industrial	4	195	76,519	200	3.50	18.36	68.33	86.70	8%	4.44
12	H.T. PW/Public Water Supply and Sewage	32	147	26,852	175	3.00	5.64	44.16	49.79	4%	3.38
13	H.T. MES/Defence Establishments	12	26	6,812	150	3.50	1.23	9.13	10.35	1%	3.97
14	H.T. Industrial (Steel Rolling)	13	63	16,204	-	-	8.75	14.53	23.28	2%	3.72
	<i>First 200 Units/kVA</i>	-	44	11,505	450	2.20	6.21	9.77	15.98	1%	3.60
	<i>Next 100 Units/kVA</i>	-	14	3,727	450	2.50	2.01	3.60	5.61	1%	3.90
	<i>Above 300 Units/kVA</i>	-	4	972	450	3.10	0.53	1.16	1.69	0%	4.50
15	Tariff HT-Industries (IT High Tech).	8	21	5,159	200	2.70	1.24	5.75	6.98	1%	3.28
		-	0	-	-	-	-	-	-	0%	-
C	Temporary Supply	4,173	11	16,464	-	-	-	11.09	11.09	1%	10.02
16	Tariff-LT/Temporary	4,173	11	16,464	-	10.00	-	10.92	10.92	1%	10.00
17	Tariff-HT/Temporary	-	0	-	-	12.00	-	0.17	0.17	0%	12.00
18		-	0	-	-	-	-	-	-	0%	-
	Total Demand/ Sale Within State	599,232	3,177	3,255,809			210.49	906.37	1,116.86	100%	3.52