



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format - HG1

**DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL
PLANT, AVAILABILITY FACTOR (NAPAF) & OTHER NORMATIVE
PARAMETERS CONSIDERED FOR TARIFF CALCULATION**

Name of the Hydro Generating Station: Lower Lhagap

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	12	12	12
2	Free power to home state	%			
3	Date of commercial operation		1979		
	Unit-1				
	Unit-2				
	Unit-3				
4	Type of Station				
	a) Surface/underground		Surface		
	b) Purely ROR/ Pondage/Storage				
	c) Peaking/non-peaking				
	d) No. of hours of peaking				
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator				
	b) Static excitation				
6	Design Energy (Annual) ¹	Gwh			
7	Auxiliary Consumption including Transformation losses	%			
8	Normative Plant Availability Factor (NAPAF)	%			
9.1	Maintenance Spares for WC	Rs. Lakh			
9.2	Receivable for WC	Rs. Lakh			
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate ²	%			
9.5	Prime lending Rate of SBI as on _____				



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Name of the Hydro Generating Station: Jali

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	2.1	2.1	2.1
2	Free power to home state	%	NA	NA	NA
3	Date of commercial operation		2004	2004	NA
	Unit-1	0.35	300kw	300kw	300kw
	Unit-2	0.35	NA	NA	NA
	Unit-3	NA	300kw	300kw	300kw
4	Type of Station				
	a) Surface/underground			surface	
	b) Purely ROR/ Pondage/Storage			ROR	
	c) Peaking/non-peaking			Non-Peaking	
	d) No. of hours of peaking			NA	
	e) Overload capacity(MW) & period			NA	
5	Type of excitation				
	a) Rotaing excitors on generator			Brush	
	b) Static excitation			NA	
6	Design Energy (Annual)	Gwh	113.15	NA	NA
7	Auxiliary Consumption including Transformation losses	%	0.50%	NA	NA
8	Normative Plant Availability Factor (NAPAF)	%	NA	NA	NA
9.1	Maintenance Spares for WC	Rs. Lakh	25	NA	NA
9.2	Receivable for WC	Rs. Lakh	3	NA	NA
9.3	Base Rate of Return on equity	%	NA	NA	NA
9.4	Tax Rate ²	%	NA	NA	NA
9.5	Prime lending Rate of SBI as on		NA	NA	NA



**DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL
PLANT, AVAILABILITY FACTOR (NAPAF) & OTHER NORMATIVE
PARAMETERS CONSIDERED FOR TARIFF CALCULATION**

Name of the Hydro Generating Station: Rimbi - I

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	0.6	0.6	0.6
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1		Mid 70s		
	Unit-2		Mid 70s		
	Unit-3		Early 90s		
4	Type of Station				
	a) Surface/underground		Surface		
	b) Purely ROR/ Pondage/Storage		Purely ROR		
	c) Peaking/non-peaking				
	d) No. of hours of peaking		3		
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator		Rotating Exciters on Generator		
	b) Static excitation				
6	Design Energy (Annual)	Gwh	5.256		
7	Auxiliary Consumption including Transformation losses	%	8.3%		
8	Normative Plant Availability Factor (NAPAF)	%	80%		
9.1	Maintenance Spares for WC	Rs. Lakh	2.7		
9.2	Receivable for WC	Rs. Lakh	27.57		
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



**DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL
PLANT, AVAILABILITY FACTOR (NAPAF) & OTHER NORMATIVE
PARAMETERS CONSIDERED FOR TARIFF CALCULATION**

Name of the Hydro Generating Station: Rimbi - II

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	2x0.5 MW	2x0.5 MW	2x0.5 MW
2	Free power to home state	%	100%	100%	100%
3	Date of commercial operation				
	Unit-1		20.07.1989		
	Unit-2		20.07.1989		
	Unit-3				
4	Type of Station				
	a) Surface/underground		Surface		
	b) Purely ROR/ Pondage/Storage		Purely Run of River		
	c) Peaking/non-peaking				
	d) No. of hours of peaking		3		
	e) Overload capacity(MW) & period				
5	Type of excitation		Rotating Exciters		
	a) Rotaing exciters on generator				
	b) Static excitation				
6	Design Energy (Annual)	Gwh	8.76		
7	Auxiliary Consumption including Transformation losses	%	8%		
8	Normative Plant Availability Factor (NAPAF)	%	80%		
9.1	Maintenance Spares for WC	Rs. Lakh	2		
9.2	Receivable for WC	Rs. Lakh	6.88		
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



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Name of the Hydro Generating Station: Rothak

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	0.2	0.2	0.2
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1				
	Unit-2				
	Unit-3				
4	Type of Station				
	a) Surface/underground				
	b) Purely ROR/ Pondage/Storage				
	c) Peaking/non-peaking				
	d) No. of hours of peaking				
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator				
	b) Static excitation				
6	Design Energy (Annual)	Gwh			
7	Auxiliary Consumption including Transformation losses	%			
8	Normative Plant Availability Factor (NAPAF)	%			
9.1	Maintenance Spares for WC	Rs. Lakh			
9.2	Receivable for WC	Rs. Lakh			
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



**DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL
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PARAMETERS CONSIDERED FOR TARIFF CALCULATION**

Name of the Hydro Generating Station: Rongnichu

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	2.5	2.5	2.5
2	Free power to home state	%	NA	NA	NA
3	Date of commercial operation		NA	NA	NA
	Unit-1		NA	NA	NA
	Unit-2		NA	NA	NA
	Unit-3		NA	NA	NA
4	Type of Station				
	a) Surface/underground		surface	surface	surface
	b) Purely ROR/ Pondage/Storage		ROR	ROR	ROR
	c) Peaking/non-peaking		Non-Peaking	Non-Peaking	Non-Peaking
	d) No. of hours of peaking		NA	NA	NA
	e) Overload capacity(MW) & period		NA	NA	NA
5	Type of excitation				
	a) Rotaing exciters on generator		Brush	Brush	Brush
	b) Static excitation		NA	NA	NA
6	Design Energy (Annual)	Gwh	NA	NA	NA
7	Auxiliary Consumption including Transformation losses	%	NA	NA	NA
8	Normative Plant Availability Factor (NAPAF)	%	NA	NA	NA
9.1	Maintenance Spares for WC	Rs. Lakh	NA	NA	NA
9.2	Receivable for WC	Rs. Lakh	NA	NA	NA
9.3	Base Rate of retuen on equity	%	NA	NA	NA
9.4	Tax Rate	%	NA	NA	NA
9.5	Prime lending Rate of SBI as on _____		NA	NA	NA



**DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL
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Name of the Hydro Generating Station: Chaten

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	1	1	1
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1				
	Unit-2				
	Unit-3				
4	Type of Station				
	a) Surface/underground				
	b) Purely ROR/ Pondage/Storage				
	c) Peaking/non-peaking				
	d) No. of hours of peaking				
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator				
	b) Static excitation				
6	Design Energy (Annual)	Gwh			
7	Auxiliary Consumption including Transformation losses	%			
8	Normative Plant Availability Factor (NAPAF)	%			
9.1	Maintenance Spares for WC	Rs. Lakh			
9.2	Receivable for WC	Rs. Lakh			
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



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Name of the Hydro Generating Station: Meyongchu

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	4	4	4
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1		1.8	1.8	2
	Unit-2		Nil	1.5	2
	Unit-3				
4	Type of Station				
	a) Surface/underground		Surface		
	b) Purely ROR/ Pondage/Storage		Run of River		
	c) Peaking/non-peaking		Non peaking		
	d) No. of hours of peaking				
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator		Rotating Excitor		
	b) Static excitation				
6	Design Energy (Annual)	Gwh	2.88		
7	Auxiliary Consumption including Transformation losses	%	1%		
8	Normative Plant Availability Factor (NAPAF)	%	50%	50%	100%
9.1	Maintenance Spares for WC	Rs. Lakh	NIL	NIL	NIL
9.2	Receivable for WC	Rs. Lakh			
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



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Name of the Hydro Generating Station: Upper Rongnichu

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	8	8	8
2	Free power to home state	%	NA	NA	NA
3	Date of commercial operation		NA	NA	NA
	Unit-1		NA	NA	NA
	Unit-2		NA	NA	NA
	Unit-3		NA	NA	NA
4	Type of Station				
	a) Surface/underground		surface	surface	surface
	b) Purely ROR/ Pondage/Storage		ROR	ROR	ROR
	c) Peaking/non-peaking		Non-Peaking	Non-Peaking	Non-Peaking
	d) No. of hours of peaking		NA	NA	NA
	e) Overload capacity(MW) & period		NA	NA	NA
5	Type of excitation				
	a) Rotaing exciters on generator		Brush	Brush	Brush
	b) Static excitation		NA	NA	NA
6	Design Energy (Annual)	Gwh	NA	NA	NA
7	Auxiliary Consumption including Transformation losses	%	NA	NA	NA
8	Normative Plant Availability Factor (NAPAF)	%	NA	NA	NA
9.1	Maintenance Spares for WC	Rs. Lakh	NA	NA	NA
9.2	Receivable for WC	Rs. Lakh	NA	NA	NA
9.3	Base Rate of retuen on equity	%	NA	NA	NA
9.4	Tax Rate	%	NA	NA	NA
9.5	Prime lending Rate of SBI as on _____		NA	NA	NA



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Name of the Hydro Generating Station: Kalez

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	0.2	0.2	0.2
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1		Sep-95		
	Unit-2		Sep-95		
	Unit-3				
4	Type of Station				
	a) Surface/underground		Surface		
	b) Purely ROR/ Pondage/Storage		Purely Run of River		
	c) Peaking/non-peaking				
	d) No. of hours of peaking		3		
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator		Rotating Exciters		
	b) Static excitation				
6	Design Energy (Annual)	Gwh	17.52		
7	Auxiliary Consumption including Transformation losses	%	4%		
8	Normative Plant Availability Factor (NAPAF)	%	80%		
9.1	Maintenance Spares for WC	Rs. Lakh	4		
9.2	Receivable for WC	Rs. Lakh	43.22		
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



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Name of the Hydro Generating Station: Lachung

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	0.2	0.2	0.2
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1				
	Unit-2				
	Unit-3				
4	Type of Station				
	a) Surface/underground				
	b) Purely ROR/ Pondage/Storage				
	c) Peaking/non-peaking				
	d) No. of hours of peaking				
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator				
	b) Static excitation				
6	Design Energy (Annual)	Gwh			
7	Auxiliary Consumption including Transformation losses	%			
8	Normative Plant Availability Factor (NAPAF)	%			
9.1	Maintenance Spares for WC	Rs. Lakh			
9.2	Receivable for WC	Rs. Lakh			
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



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Name of the Hydro Generating Station: Rabomchu

Sl. No.	Description	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Installed Capacity	MW	3	3	3
2	Free power to home state	%			
3	Date of commercial operation		2003		
	Unit-1		0.6	0.6	0.8
	Unit-2		Both the units are not operated at a Time as the load is mostly of local consumption. Power evacuation through 66kv state grid work is completed however due to damage of 66kv tower during earth quake on 18/09/11 ,the 66kv line is completely shutdown.		
	Unit-3				
4	Type of Station				
	a) Surface/underground		Surface		
	b) Purely ROR/ Pondage/Storage		Run of River		
	c) Peaking/non-peaking		Non peaking		
	d) No. of hours of peaking				
	e) Overload capacity(MW) & period				
5	Type of excitation				
	a) Rotaing exciters on generator		Rotating Excitor		
	b) Static excitation				
6	Design Energy (Annual)	Gwh	2.16		
7	Auxiliary Consumption including Transformation losses	%	1%		
8	Normative Plant Availability Factor (NAPAF)	%	50%	50%	100%
9.1	Maintenance Spares for WC	Rs. Lakh	NIL	NIL	NIL
9.2	Receivable for WC	Rs. Lakh			
9.3	Base Rate of retuen on equity	%			
9.4	Tax Rate	%			
9.5	Prime lending Rate of SBI as on _____				



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Lower Lhagap

1	Location:	
	State/ Distt.	Sikkim East
	River:	Rorochu, Yallichu, Takchenchu.
2	Diversion Tunnel	
	Size, Shape	
	Length	
3	Dam:	
	Type:	Run of River type
	Maximum Dam Height	
4	Spillway:	
	Type:	Un-gated, open cut spill channel
	Crest level of spillway:	
5	Reservoir:	Forebay Tank
	Full Reservoir Level (FRL):	E.L 3765 m (12,349 ft)
	Minimum Draw Down Level (MDDL):	E.L 3745 m (12,284 ft)
	Live storage (MCM):	5.20 m cum (4216 Ac ft)
6	Desilting Arrangement:	
	Type:	Square
	Number & Size	One, 2.44mx2.44mx10m
	Partical size to be removed (mm):	Sand
7	Head race tunnel:	
	Size & Type	2.44mx2.44mx1.5m dia , Horse shoe & Circular
	Length:	6.4 Km
	Design discharge (cumecs):	4.7 Cumecs
8	Surge shaft:	
	Type:	(i) An inclined orifice type. (ii) Circular inside
	Diameter:	3.35 m
	Height:	3.35 m
9	Penstock/ pressure shafts:	Surface Penstock
	Type:	BQ plates
	Diameter & Length:	0.914 m, 2157 m
10	Power house:	
	Type:	Semi underground power house
	Installed capacity (No of units x MW):	2 x 6MW
	Peaking capacity (during lean period, MW)	2.6MW
	Type of trubine:	Pelton wheel turbine
	Rated head (m):	E.L 13770.00 m
Rated discharge (cumecs)	4.7 cumecs	
11	Tail race tunnel:	
	Diameter, Shape:	Rectangular
	Length:	36.20mx2.20mx4.00m, River side orend:2.2m ht
	Minimum Tail water level:	0.45m ht (when turbine is use)(6MW)
12	Switch yard:	
	Type of switch gear:	SF6
	Number of generator base:	2 nos
	Number of bus coupler base:	1 nos
	Number of line base:	7 nos (feeder)



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Jali

1	Location	
	State/Distt	Sikkim/East
	River	Rongnichu
2	Diversion Tunnel	
	Size, shape	NA
	Length	NA
3	Dam	
	Type	NA
	Maximum dam height	NA
4	Spillway	
	Type	NA
	Crest level of spillway	NA
5	Reservoir (Forebay tank)	
	Full reservoir Level (FRL)	6.7m
	Minimum Draw Down Level (MDDL)	4.26m
	Live storage (MCM)	6.7m
6	Desilting Arrangement	
	Type	RCC
	Number and Size	4 (L X B) 51.8m X 8.22m
	Particle size to be removed (mm)	92.6m
7	Head Race Tunnel	
	Size and type	RCC 1.5mX1.21m
	Length	1.33km
	Design discharge (Cumes)	60 cu
8	Surge Shaft	
	Type	NA
	Diameter	NA
	Height	NA
9	Penstock/Pressure shafts	
	Type	Conduit MS pipe
	Diameter & Length	(int. & ext.dia 0.76m & 2.48m) & 171.60m
10	Power House	
	Type	Over ground run off river
	Installed capacity (No. Of units x MW)	2.1 MW (6X350kw)
	Peaking capacity during lean period (MW)	0.66
	Type of Turbine	Horizontal Francis
	Rated Head (M)	100M
	Rated Discharge	
11	Tail Race Tunnel	
	Diameter, shape	NA
	Length	NA
	Minimum tail water level	NA
12	Switchyard	
	Type of Switch gear	Vaccum circiut breaker (440/11kv)
	No. Of generator bays	6
	No. Of Bus coupler bays	1
	No. Of line bays	1



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Rimbi - I

1	Location:	
	State/ Distt.	Sikkim, West
	River:	Rimbi Khola
2	Diversion Tunnel	
	Size, Shape	Rectangular (20m length 4m breadth)
	Length	20m
3	Dam:	
	Type:	None
	Maximum Dam Height	None
4	Spillway	
	Type:	None
	Crest level of spillway:	None
5	Reservoir	Forebay Tank
	Full Reservoir Level (FRL):	1237.5m
	Minimum Draw Down Level (MDDL):	1142m
	Live storage (MCM):	45mX10mX5m
6	Desilting Arrangement:	
	Type:	3 chamber rectangular
	Number & Size	One
	Partical size to be removed (mm):	
7	Head race tunnel:	
	Size & Type	(2.15mX1.5m), rectangular
	Length:	1500m
	Design discharge (cumecs):	3.00
8	Surge shaft:	
	Type:	None
	Diameter:	
	Height:	
9	Penstock/ pressure shafts:	
	Type:	M.S pipe
	Diameter & Length:	Dia 472 mm (internal) for unit II & III, 555 mm for unit I, length 73.6m
10	Power house:	
	Type:	Surface RCC building
	Installed capacity (No of units x MW):	3 x 0.2 MW
	Peaking capacity (during lean period, MW)	60% of installed capacity
	Type of trubine:	Horizontal Francis
	Rated head (m):	74 m
11	Tail race tunnel:	
	Diameter, Shape:	Rectangular RCC
	Length:	30m
12	Switch yard:	
	Type of switch gear:	Outdoor 12 pole arrangement
12	Number of generator base:	3
	Number of bus coupler base:	1
	Number of line base:	5



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Rimbi - II

1	Location:	
	State/ Distt.	Sikkim, West
	River:	Rimbi Khola
2	Diversion Tunnel	
	Size, Shape	Rectangular (20mX4m)
	Length	20m
3	Dam:	
	Type:	None
	Maximum Dam Height	None
4	Spillway	
	Type:	None
	Crest level of spillway:	None
5	Reservoir	Forebay tank
	Full Reservoir Level (FRL):	1237.5 m
	Minimum Draw Down Level (MDDL):	1142 m
	Live storage (MCM):	45mX10mX5m
6	Desilting Arrangement:	
	Type:	Desilting basin
	Number & Size	2
	Particle size to be removed (mm)	
7	Head race tunnel:	
	Size & Type	Rectangular open channel
	Length:	1500m
	Design discharge (cumecs):	3.0
8	Surge shaft:	
	Type:	NA
	Diameter:	NA
	Height:	NA
9	Penstock/ pressure shafts:	
	Type:	MS Pipe
	Diameter & Length	0.85mm dia, 164 m length
10	Power house:	
	Type:	Surface RCC Building
	Installed capacity (No of units x MW):	2 x 0.5 MW
	Peaking capacity (during lean period, MW)	60% of installed capacity
	Type of trubine:	Horizontal Francis
	Rated head (m):	Gross-60/SNet-56.68
	Rated discharge (cumecs)	3 cumecs
11	Tail race tunnel:	
	Diameter, Shape	Rectangular RCC
	Length:	30m
	Minimum Tail water level:	1179.5 m
12	Switch yard:	
	Type of switch gear:	Outdoor, 4 pole arrangement
	Number of generator base:	2
	Number of bus coupler base:	non-existent
	Number of line base:	2 out-going bays



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Rothak

1	Location:	
	State/ Distt.	
	River:	
2	Diversion Tunnel	
	Size, Shape	
	Length	
3	Dam:	
	Type:	
	Maximum Dam Height	
4	Spillway	
	Type:	
	Crest level of spillway:	
5	Reservoir	
	Full Reservoir Level (FRL):	
	Minimum Draw Down Level (MDDL):	
6	Desilting Arrangement:	
	Type:	
	Number & Size	
7	Head race tunnel:	
	Size & Type	
	Length:	
8	Surge shaft:	
	Type:	
	Diameter:	
9	Penstock/ pressure shafts:	
	Type:	
	Diameter & Length	
10	Power house:	
	Type:	
	Installed capacity (No of units x MW):	
	Peaking capacity (during lean period, MW)	
	Type of trubine:	
	Rated head (m):	
11	Tail race tunnel:	
	Diameter, Shape	
	Length:	
	Minimum Tail water level:	
12	Switch yard:	
	Type of switch gear:	
	Number of generator base:	
	Number of bus coupler base:	
	Number of line base:	



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Rongnichu

1	Location	
	State/Distt	Sikkim/East
	River	Rongnichu/Sangchu
2	Diversion Tunnel	
	Size, shape	NA
	Length	NA
3	Dam	
	Type	NA
	Maximum dam height	NA
4	Spillway	
	Type	NA
	Crest level of spillway	NA
5	Reservoir (Forebay tank)	
	Full reservoir Level (FRL)	3.5'X2 & 2.5'X1 (LXBXH)
	Minimum Draw Down Level (MDDL)	31'
	Live storage (MCM)	
6	Desilting Arrangement	
	Type	RCC
	Number and Size	4 (L X B) 170' X 27'
	Particle size to be removed (mm)	304
7	Head Race Tunnel	
	Size and type	Trapezoidal
	Length	1.267km
	Design discharge (Cumes)	
8	Surge Shaft	
	Type	NA
	Diameter	NA
	Height	NA
9	Penstock/Pressure shafts	
	Type	Conduit MS pipe
	Diameter & Length	(int. & ext.dia 3.5'X2 & 2.5'X1) 550'X3
10	Power House	
	Type	Over ground run off river
	Installed capacity (No. Of units x MW)	2.5 MW (5X500kw)
	Peaking capacity during lean period (MW)	
	Type of Turbine	Horizontal Francis
	Rated Head (M)	
	Rated Discharge	
11	Tail Race Tunnel	
	Diameter, shape	NA
	Length	NA
	Minimum tail water level	NA
12	Switchyard	
	Type of Switch gear	3phase, AC synchronous
	No. Of generator bays	5
	No. Of Bus coupler bays	1
	No. Of line bays	2



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Chaten

1	Location:	
	State/ Distt.	
	River:	
2	Diversion Tunnel	
	Size, Shape	
	Length	
3	Dam:	
	Type:	
	Maximum Dam Height	
4	Spillway	
	Type:	
	Crest level of spillway:	
5	Reservoir	
	Full Reservoir Level (FRL):	
	Minimum Draw Down Level (MDDL):	
	Live storage (MCM):	
6	Desilting Arrangement:	
	Type:	
	Number & Size	
	Particle size to be removed (mm)	
7	Head race tunnel:	
	Size & Type	
	Length:	
	Design discharge (cumecs):	
8	Surge shaft:	
	Type:	
	Diameter:	
	Height:	
9	Penstock/ pressure shafts:	
	Type:	
	Diameter & Length	
10	Power house:	
	Type:	
	Installed capacity (No of units x MW):	
	Peaking capacity (during lean period, MW)	
	Type of trubine:	
	Rated head (m):	
Rated discharge (cumecs)		
11	Tail race tunnel:	
	Diameter, Shape	
	Length:	
	Minimum Tail water level:	
12	Switch yard:	
	Type of switch gear:	
	Number of generator base:	
	Number of bus coupler base:	
	Number of line base:	



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Meyongchu

1	Location:	
	State/ Distt.	Sikkim/North
	River:	Meyongchu
2	Diversion Tunnel	N.A
	Size, Shape	
	Length	
3	Dam:	
	Type:	Intake structure
	Maximum Dam Height	Drop type trench weir
4	Spillway	N.A
	Type:	
	Crest level of spillway:	
5	Reservoir	N.A
	Full Reservoir Level (FRL):	
	Minimum Draw Down Level (MDDL):	
	Live storage (MCM):	
6	Desilting Arrangement:	
	Type:	Hooper type
	Number & Size	3 and 10mx7m
	Particle size to be removed (mm)	2mm
7	Head race tunnel:	Closed conduit
	Size & Type	1m & circular closed type
	Length:	1020m
	Design discharge (cumecs):	1.28 cumecs
8	Surge shaft:	
	Type:	circular
	Diameter:	4m
	Height:	14m
9	Penstock/ pressure shafts:	
	Type:	Circular Closed conduit
	Diameter & Length	720mm ID & 620m
10	Power house:	
	Type:	RCC
	Installed capacity (No of units x MW):	2x1.5MW
	Peaking capacity (during lean period, MW)	3MW
	Type of trubine:	Pelton
	Rated head (m):	322m
11	Rated discharge (cumecs)	0.65/unit
	Tail race tunnel:	Tail race open channel
12	Diameter, Shape	Rectangular
	Length:	210m
	Minimum Tail water level:	2016.65
	Switch yard:	
12	Type of switch gear:	
	Number of generator base:	
	Number of bus coupler base:	
	Number of line base:	



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Upper Rongnichu

1	Location	
	State/Distt	Sikkim/East
	River	Rongnichu
2	Diversion Tunnel	
	Size, shape	NA
	Length	NA
3	Dam	
	Type	NA
	Maximum dam height	NA
4	Spillway	
	Type	NA
	Crest level of spillway	NA
5	Reservoir (Forebay tank)	
	Full reservoir Level (FRL)	86.0mX22.0m
	Minimum Draw Down Level (MDDL)	1.50m
	Live storage (MCM)	
6	Desilting Arrangement	
	Type	RCC
	Number and Size	(L X B) 60X40m
	Particle size to be removed (mm)	0.2mm
7	Head Race Tunnel	
	Size and type	Both open rectangular channel and M.S. closed conduit pipe
	Length	4565m
	Design discharge (Cumes)	10.50m ³ /s
8	Surge Shaft	
	Type	NA
	Diameter	NA
	Height	NA
9	Penstock/Pressure shafts	
	Type	ERW steel
	Diameter & Length	2 pipes of 1700mm dia with bifurcation into 4 pipes of 1200mm dia near power house
10	Power House	
	Type	Surface power house
	Installed capacity (No. Of units x MW)	8 MW (4 x 2000kw)
	Peaking capacity during lean period (MW)	NA
	Type of Turbine	Horizontal Francis
	Rated Head (M)	
	Rated Discharge	
11	Tail Race Tunnel	
	Diameter, shape	NA
	Length	NA
	Minimum tail water level	NA
12	Switchyard	
	Type of Switch gear	MOCV (3.3/66kv)
	No. Of generator bays	4
	No. Of Bus coupler bays	1
	No. Of line bays	2



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Kalez

1	Location:	
	State/ Distt.	Sikkim, West
	River:	Kalej Khola
2	Diversion Tunnel	
	Size, Shape	Drop type trench weir (Rectangular)
	Length	12 m
3	Dam:	
	Type:	None
	Maximum Dam Height	None
4	Spillway	
	Type:	None
	Crest level of spillway:	None
5	Reservoir	Forebay tank
	Full Reservoir Level (FRL):	El. 1593.15 m
	Minimum Draw Down Level (MDDL):	
	Live storage (MCM):	40mX10mX5.5m
6	Desilting Arrangement:	
	Type:	3 chamber rectangular
	Number & Size	3
	Partical size to be removed (mm):	
7	Head race tunnel:	
	Size & Type	Rectangular, Open Channel & trapezoidal channel
	Length:	3500m
	Design discharge (cumecs):	1.72 cumsec
8	Surge shaft:	None
	Type:	
	Diameter:	
	Height:	
9	Penstock/ pressure shafts:	
	Type:	MS pipe
	Diameter & Length	0.95mm dia, 420 m
10	Power house:	
	Type:	Surface RCC building
	Installed capacity (No of units x MW):	2 x 1 MW
	Peaking capacity (during lean period, MW)	60% of Installed Capacity
	Type of trubine:	Horizontal Francis
	Rated head (m):	161.97 m
Rated discharge (cumecs)	0.85 cumecs	
11	Tail race tunnel:	
	Diameter, Shape	Rectangular RCC
	Length:	30m
	Minimum Tail water level:	El: 1428.8 m
12	Switch yard:	
	Type of switch gear:	Outdoor 10 pole arrangement with DO & COs
	Number of generator base:	2
	Number of bus coupler base:	Non existent
Number of line base:	3 out-going bays, 1 incoming bays	



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Lachung

1	Location:	
	State/ Distt.	
	River:	
2	Diversion Tunnel	
	Size, Shape	
	Length	
3	Dam:	
	Type:	
	Maximum Dam Height	
4	Spillway	
	Type:	
	Crest level of spillway:	
5	Reservoir	
	Full Reservoir Level (FRL):	
	Minimum Draw Down Level (MDDL):	
	Live storage (MCM):	
6	Desilting Arrangement:	
	Type:	
	Number & Size	
	Partical size to be removed (mm):	
7	Head race tunnel:	
	Size & Type	
	Length:	
	Design discharge (cumecs):	
8	Surge shaft:	
	Type:	
	Diameter:	
	Height:	
9	Penstock/ pressure shafts:	
	Type:	
	Diameter & Length	
10	Power house:	
	Type:	
	Installed capacity (No of units x MW):	
	Peaking capacity (during lean period, MW)	
	Type of trubine:	
	Rated head (m):	
	Rated discharge (cumecs)	
11	Tail race tunnel:	
	Diameter, Shape	
	Length:	
	Minimum Tail water level:	
12	Switch yard:	
	Type of switch gear:	
	Number of generator base:	
	Number of bus coupler base:	
	Number of line base:	



SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Rabomchu

1	Location:	
	State/ Distt.	Sikkim/North
	River:	Rabomchu
2	Diversion Tunnel	N.A
	Size, Shape	
	Length	
3	Dam:	
	Type:	Intake structure
	Maximum Dam Height	Drop type trench weir
4	Spillway	N.A
	Type:	
	Crest level of spillway:	
5	Reservoir	N.A
	Full Reservoir Level (FRL):	
	Minimum Draw Down Level (MDDL):	
	Live storage (MCM):	
6	Desilting Arrangement:	
	Type:	Hooper type
	Number & Size	4 and 15mx10m
	Partical size to be removed (mm):	2mm
7	Head race tunnel:	open channel
	Size & Type	1.5x1.83 Rectangular type
	Length:	564m
	Design discharge (cumecs):	1.70 cumecs
8	Surge shaft:	Forebay
	Type:	Rectangular
	Diameter:	25mx10mx6m
	Height:	
9	Penstock/ pressure shafts:	
	Type:	Circular Closed conduit
	Diameter & Length	810mm ID & 580m
10	Power house:	
	Type:	RCC
	Installed capacity (No of units x MW):	2x 2MW
	Peaking capacity (during lean period, MW)	2MW
	Type of trubine:	Pelton
	Rated head (m):	314m
Rated discharge (cumecs)	0.85/unit	
11	Tail race tunnel:	Tail race open channel
	Diameter, Shape	Rectangular
	Length:	16m
	Minimum Tail water level:	1272.6
12	Switch yard:	
	Type of switch gear:	
	Number of generator base:	
	Number of bus coupler base:	
	Number of line base:	



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: LLHP

Installed Capacity: 2x6 = 12 MW

Year : 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	3.355776	4.6608
2	May	6.463872	8.688
3	June	7.22736	10.038
4	July	8.3450016	11.2164
5	August	8.2610784	11.1036
6	September	8.111232	11.2656
7	October	7.182576	9.654
8	November	3.941568	5.4744
9	December	2.3560992	3.1668
10	January	1.8195264	2.4456
11	February	1.6539264	2.4612
12	March	1.9945152	2.6808
	Total	60.7125312	82.8552

Year : 2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	3.355776	4.6608
2	May	6.463872	8.688
3	June	7.22736	10.038
4	July	8.3450016	11.2164
5	August	8.2610784	11.1036
6	September	8.111232	11.2656
7	October	7.182576	9.654
8	November	3.941568	5.4744
9	December	2.3560992	3.1668
10	January	1.8195264	2.4456
11	February	1.6539264	2.4612
12	March	1.9945152	2.6808
	Total	60.7125312	82.8552



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: LLHP

Installed Capacity: 2x6 = 12 MW

Year : 2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	3.355776	4.6608
2	May	6.463872	8.688
3	June	7.22736	10.038
4	July	8.3450016	11.2164
5	August	8.2610784	11.1036
6	September	8.111232	11.2656
7	October	7.182576	9.654
8	November	3.941568	5.4744
9	December	2.3560992	3.1668
10	January	1.8195264	2.4456
11	February	1.6539264	2.4612
12	March	1.9945152	2.6808
	Total	60.7125312	82.8552



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Jali

Installed Capacity: 6 x 0.35 = 2.1 MW

Year 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.5873	0.8156
2	May	1.1312	1.5204
3	June	1.2648	1.7567
4	July	1.4604	1.9629
5	August	1.4457	1.9431
6	September	1.4195	1.9715
7	October	1.2570	1.6895
8	November	0.6898	0.9580
9	December	0.4123	0.5542
10	January	0.3184	0.4280
11	February	0.2894	0.4307
12	March	0.3490	0.4691
	Total	10.6247	14.4997

Year 2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.5873	0.8156
2	May	1.1312	1.5204
3	June	1.2648	1.7567
4	July	1.4604	1.9629
5	August	1.4457	1.9431
6	September	1.4195	1.9715
7	October	1.2570	1.6895
8	November	0.6898	0.9580
9	December	0.4123	0.5542
10	January	0.3184	0.4280
11	February	0.2894	0.4307
12	March	0.3490	0.4691
	Total	10.6247	14.4997



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Jali

Installed Capacity: 6 x 0.35 = 2.1 MW

Year 2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.5873	0.8156
2	May	1.1312	1.5204
3	June	1.2648	1.7567
4	July	1.4604	1.9629
5	August	1.4457	1.9431
6	September	1.4195	1.9715
7	October	1.2570	1.6895
8	November	0.6898	0.9580
9	December	0.4123	0.5542
10	January	0.3184	0.4280
11	February	0.2894	0.4307
12	March	0.3490	0.4691
	Total	10.6247	14.4997



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rimbi Stage-I

Installed Capacity: 3x200 = 0.6 MW

Year 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.1678	0.2330
2	May	0.3232	0.4344
3	June	0.3614	0.5019
4	July	0.4173	0.5608
5	August	0.4131	0.5552
6	September	0.4056	0.5633
7	October	0.3591	0.4827
8	November	0.1971	0.2737
9	December	0.1178	0.1583
10	January	0.0910	0.1223
11	February	0.0827	0.1231
12	March	0.0997	0.1340
	Total	3.0356	4.1428

Year 2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.1678	0.2330
2	May	0.3232	0.4344
3	June	0.3614	0.5019
4	July	0.4173	0.5608
5	August	0.4131	0.5552
6	September	0.4056	0.5633
7	October	0.3591	0.4827
8	November	0.1971	0.2737
9	December	0.1178	0.1583
10	January	0.0910	0.1223
11	February	0.0827	0.1231
12	March	0.0997	0.1340
	Total	3.0356	4.1428



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rimbi Stage-I

Installed Capacity: 3x200 = 0.6 MW

Year 2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.1678	0.2330
2	May	0.3232	0.4344
3	June	0.3614	0.5019
4	July	0.4173	0.5608
5	August	0.4131	0.5552
6	September	0.4056	0.5633
7	October	0.3591	0.4827
8	November	0.1971	0.2737
9	December	0.1178	0.1583
10	January	0.0910	0.1223
11	February	0.0827	0.1231
12	March	0.0997	0.1340
	Total	3.0356	4.1428



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rimbi Stage-II

Installed Capacity: 2 x 0.5 = 1 MW

Year 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.2796	0.3884
2	May	0.5387	0.7240
3	June	0.6023	0.8365
4	July	0.6954	0.9347
5	August	0.6884	0.9253
6	September	0.6759	0.9388
7	October	0.5985	0.8045
8	November	0.3285	0.4562
9	December	0.1963	0.2639
10	January	0.1516	0.2038
11	February	0.1378	0.2051
12	March	0.1662	0.2234
	Total	5.0594	6.9046

Year 2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.2796	0.3884
2	May	0.5387	0.7240
3	June	0.6023	0.8365
4	July	0.6954	0.9347
5	August	0.6884	0.9253
6	September	0.6759	0.9388
7	October	0.5985	0.8045
8	November	0.3285	0.4562
9	December	0.1963	0.2639
10	January	0.1516	0.2038
11	February	0.1378	0.2051
12	March	0.1662	0.2234
	Total	5.0594	6.9046



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rimbi Stage-II

Installed Capacity: 2 x 0.5 = 1 MW

Year 2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.2796	0.3884
2	May	0.5387	0.7240
3	June	0.6023	0.8365
4	July	0.6954	0.9347
5	August	0.6884	0.9253
6	September	0.6759	0.9388
7	October	0.5985	0.8045
8	November	0.3285	0.4562
9	December	0.1963	0.2639
10	January	0.1516	0.2038
11	February	0.1378	0.2051
12	March	0.1662	0.2234
	Total	5.0594	6.9046



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rongnichu II

Installed Capacity: 5 X 0.5 = 2.5 MW

Year 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.6991	0.9710
2	May	1.3466	1.8100
3	June	1.5057	2.0913
4	July	1.7385	2.3368
5	August	1.7211	2.3133
6	September	1.6898	2.3470
7	October	1.4964	2.0113
8	November	0.8212	1.1405
9	December	0.4909	0.6598
10	January	0.3791	0.5095
11	February	0.3446	0.5128
12	March	0.4155	0.5585
	Total	12.6484	17.2615

Year 2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.6991	0.9710
2	May	1.3466	1.8100
3	June	1.5057	2.0913
4	July	1.7385	2.3368
5	August	1.7211	2.3133
6	September	1.6898	2.3470
7	October	1.4964	2.0113
8	November	0.8212	1.1405
9	December	0.4909	0.6598
10	January	0.3791	0.5095
11	February	0.3446	0.5128
12	March	0.4155	0.5585
	Total	12.6484	17.2615



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rongnichu II

Installed Capacity: 5 X 0.5 = 2.5 MW

Year 2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.6991	0.9710
2	May	1.3466	1.8100
3	June	1.5057	2.0913
4	July	1.7385	2.3368
5	August	1.7211	2.3133
6	September	1.6898	2.3470
7	October	1.4964	2.0113
8	November	0.8212	1.1405
9	December	0.4909	0.6598
10	January	0.3791	0.5095
11	February	0.3446	0.5128
12	March	0.4155	0.5585
	Total	12.6484	17.2615



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Meyong Chu

Installed Capacity: 2x2= 4 MW

Year : 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	1.1186	1.5536
2	May	2.1546	2.8960
3	June	2.4091	3.3460
4	July	2.7817	3.7388
5	August	2.7537	3.7012
6	September	2.7037	3.7552
7	October	2.3942	3.2180
8	November	1.3139	1.8248
9	December	0.7854	1.0556
10	January	0.6065	0.8152
11	February	0.5513	0.8204
12	March	0.6648	0.8936
	Total	20.2375	27.6184

Year :2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	1.1186	1.5536
2	May	2.1546	2.896
3	June	2.4091	3.346
4	July	2.7817	3.7388
5	August	2.7537	3.7012
6	September	2.7037	3.7552
7	October	2.3942	3.218
8	November	1.3139	1.8248
9	December	0.7854	1.0556
10	January	0.6065	0.8152
11	February	0.5513	0.8204
12	March	0.6648	0.8936
	Total	20.2375	27.6184



Format - HG3

**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Meyong Chu

Installed Capacity: 2x2 = 4 MW

Year :2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	1.1186	1.5536
2	May	2.1546	2.896
3	June	2.4091	3.346
4	July	2.7817	3.7388
5	August	2.7537	3.7012
6	September	2.7037	3.7552
7	October	2.3942	3.218
8	November	1.3139	1.8248
9	December	0.7854	1.0556
10	January	0.6065	0.8152
11	February	0.5513	0.8204
12	March	0.6648	0.8936
	Total	20.2375	27.6184



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Kalez

Installed Capacity: 2 x 1 = 2 MW

Year 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.5593	0.7768
2	May	1.0773	1.4480
3	June	1.2046	1.6730
4	July	1.3908	1.8694
5	August	1.3768	1.8506
6	September	1.3519	1.8776
7	October	1.1971	1.6090
8	November	0.6569	0.9124
9	December	0.3927	0.5278
10	January	0.3033	0.4076
11	February	0.2757	0.4102
12	March	0.3324	0.4468
	Total	10.1188	13.8092

Year 2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.5593	0.7768
2	May	1.0773	1.4480
3	June	1.2046	1.6730
4	July	1.3908	1.8694
5	August	1.3768	1.8506
6	September	1.3519	1.8776
7	October	1.1971	1.6090
8	November	0.6569	0.9124
9	December	0.3927	0.5278
10	January	0.3033	0.4076
11	February	0.2757	0.4102
12	March	0.3324	0.4468
	Total	10.1188	13.8092



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Kalez

Installed Capacity: 2 x 1 = 2 MW

Year 2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.5593	0.7768
2	May	1.0773	1.4480
3	June	1.2046	1.6730
4	July	1.3908	1.8694
5	August	1.3768	1.8506
6	September	1.3519	1.8776
7	October	1.1971	1.6090
8	November	0.6569	0.9124
9	December	0.3927	0.5278
10	January	0.3033	0.4076
11	February	0.2757	0.4102
12	March	0.3324	0.4468
	Total	10.1188	13.8092



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rabom Chu

Installed Capacity: 2x1.5 = 3 MW

Year: 2013-14

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.8389	1.1652
2	May	1.6160	2.172
3	June	1.8068	2.5095
4	July	2.0863	2.8041
5	August	2.0653	2.7759
6	September	2.0278	2.8164
7	October	1.7956	2.4135
8	November	0.9854	1.3686
9	December	0.5890	0.7917
10	January	0.4549	0.6114
11	February	0.4135	0.6153
12	March	0.4986	0.6702
	Total	15.1781	20.7138

Year: 2014-15

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.8389	1.1652
2	May	1.6160	2.1720
3	June	1.8068	2.5095
4	July	2.0863	2.8041
5	August	2.0653	2.7759
6	September	2.0278	2.8164
7	October	1.7956	2.4135
8	November	0.9854	1.3686
9	December	0.5890	0.7917
10	January	0.4549	0.6114
11	February	0.4135	0.6153
12	March	0.4986	0.6702
	Total	15.1781	20.7138



**DESIGN ENERGY AND MW CONTINUOUS (Monthwise)
- RUN OF RIVER TYPE STATIONS**

Name of the Hydro Generating Station: Rabom Chu

Installed Capacity: 2x1.5 = 3 MW

Year: 2015-16

Sl. No	Month	Design Energy (MUs)	MW Continuous*
1	April	0.8389	1.1652
2	May	1.6160	2.1720
3	June	1.8068	2.5095
4	July	2.0863	2.8041
5	August	2.0653	2.7759
6	September	2.0278	2.8164
7	October	1.7956	2.4135
8	November	0.9854	1.3686
9	December	0.5890	0.7917
10	January	0.4549	0.6114
11	February	0.4135	0.6153
12	March	0.4986	0.6702
	Total	15.1781	20.7138



**Petition for Approval of Annual Revenue Requirement
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Format - HG4

**DESIGN ENERGY AND PEAKING CAPABILITY (Monthwise)
- PONDAGE / STORAGE TYPE STATIONS**

Name of the Hydro Generating Station: _____

Installed Capacity: No. of Units X. MW =

Sl. No	Month	Design Energy (MUs)	MW Continuous
1	April	I	N/A
		II	
		III	
2	May	I	
		II	
		III	
3	June	I	
		II	
		III	
4	July	I	
		II	
		III	
5	August	I	
		II	
		III	
6	September	I	
		II	
		III	
7	October	I	
		II	
		III	
8	November	I	
		II	
		III	
9	December	I	
		II	
		III	
10	January	I	
		II	
		III	
11	February	I	
		II	
		III	
12	March	I	
		II	
		III	
	Total		



Format - HG5

ANNUAL REVENUE REQUIREMENT

Name of Generating Company : _____

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	Gross Generation (MU)			
2	Auxiliary Consumption (MU)			
3	Net Generation (MU)			
4	Free Energy to home state (MU)			
5	Royalty (Rs.)			
6	Water Charges (Rs.)			
7	Capacity Charges (Rs.)			
	a) Interest on Loan capital (Rs.)		N/A	
	b) Depreciation (Rs.)			
	c) Advance against depreciation (Rs.)			
	d) O&M Expenses (Rs.)			
	e) Interest on working capital (Rs.)			
	f) Foreign exchange Rate (%)			
	g) Return on Equity (%)			
	h) Income Taxes (Rs.)			
8	Total fixed expenses (5+6+7)			



**Petition for Approval of Annual Revenue Requirement
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Format- D1

CONSUMER CATEGORY-WISE ENERGY SALES

Sl. No.	Category of Consumers	2013-14 (Actuals)		2014-15 (Estimated)		2015-16 (Projected)	
		No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)
1	2	3	4	5	6	7	8
1	Domestic (Rural + Urban)						
a)	Up to 50 units	82887	83.34	85374	86.84	89518.00	90.01
b)	51 to 100 units						
c)	101-200 units						
d)	201 to 400 units						
e)	401 & above						
	Total	82887	83.34	85374	86.84	89518	90.01
2	Commercial (Rural + Urban)						
a)	Up to 50 units	10277	35	10585	36	11099	38
b)	51 to 200 units						
c)	201 to 400 units						
d)	401 & above						
	Total	10277	35.43	10585	36.45	11099	38.26
3	Public lighting						
a)	Rural Areas	32	0	8	0	35	0
b)	Urban Areas						
	Total	32	0.35	8	0.36	35	0.38
4	Temporary	0	1.61	0	1.65	0	1.73
5	Industrial						
A	HT						
	HT (AC) above 3.3 KV						
a)	Upto 100 KVA	358	97.11	369	100	387	105
b)	100 - 250 KVA						
c)	250- 500 KVA						
d)	500 KVA & above						
	Total HT	358	97.11	369	100.02	387	104.88



**Petition for Approval of Annual Revenue Requirement
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Format- D1

Sl. No.	Category of Consumers	2013-14 (Actuals)		2014-15 (Estimated)		2015-16 (Projected)	
		No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)
1	2	3	4	5	6	7	8
B	LT (Rural)						
a)	Up to 500 units						
b)	501 - 1000 units	180	0.46	185	0.47	194	0.50
c)	1001 & above						
	Total	180	0.46	185	0.47	194	0.50
C	LT (Urban)						
a)	Up to 500 units						
b)	501 - 1000 units	270	0.69	278	0.71	292	0.74
c)	1001 & above						
	Total	270	0.69	278	0.71	292	0.74
	Total LT (B+C)	450	1.15	463	1.18	486	1.24
	Total Industrial (A+B+C)	808	98.26	832	101.20	873	106.12
6	Bulk supply						
a)	LT	1045	17.74	1076.00	18.28	1129.00	19.16
b)	HT						
	Total	1045	17.74	1076	18.28	1129	19.16
7	Supply to Army Pensioners						
a)	Up to 50 units						
b)	51 to 100 units						
c)	101-200 units	772	0.52	795	0.53	834	0.56
d)	201 to 400 units						
e)	401 & above						
	Total	772	0.52	795	0.53	834	0.56
8	Supply to Blind						
a)	Up to 50 units						
b)	51 to 100 units						
c)	101-200 units	3	0.01	8	0.01	10	0.01
d)	201 to 400 units						
e)	401 & above						
	Total	3	0.01	8	0.01	10	0.01



**Petition for Approval of Annual Revenue Requirement
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Format- D1

Sl. No.	Category of Consumers	2013-14 (Actuals)		2014-15 (Estimated)		2015-16 (Projected)	
		No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)
1	2	3	4	5	6	7	8
9	Supply to Places of Worship						
a)	Having 3 light points						
	Up to 50 units	40	0.02	41	0.02	43	0.02
	51 to 100 units						
	Total	40	0.02	41	0.02	43	0.02
b)	Having 4 to 6 light points						
	Up to 50 units	56	0.02	58	0.02	60	0.02
	51 to 100 units						
	101 to 200 units						
	Total	56	0.02	58	0.02	60	0.02
c)	Having 7 to 12 light points						
	Up to 50 units	54	0.03	56	0.03	58	0.04
	51 to 100 units						
	101 to 200 units						
	201 to 400 units						
	Total	54	0.03	56	0.03	58	0.04
d)	Having 13 & more light points						
	Up to 50 units	42	0.03	43	0.03	45	0.03
	51 to 100 units						
	101 to 200 units						
	201 to 400 units						
	401 & above						
	Total	42	0.03	43	0.03	45	0.03
	Total (a+b+c+d)	192	0	198	0	206	0
10	Grand Total	95984	237.37	98868	245.44	103669	256.34



**Petition for Approval of Annual Revenue Requirement
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Format- D2

ENERGY BALANCE

Sl. No.	Item	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
A	ENERGY REQUIREMENT			
1	Energy Sales within the State	237.37	245.44	256.34
2	Sales Outside State (UI)	73.29	73.29	73.29
3	Sales to Common Pool Consumers	0.00	0.00	0.00
4	Sales to Electricity Traders	218.70	218.70	216.20
5	Sales to Other Distribution Licensees	144.22	144.22	141.72
6	Total Sales	673.58	681.65	687.55
7	Distribution Losses			
(i)	MU	164.19	162.53	160.50
(ii)	%	41	40	39
8	Total Energy Requirement (6+7(i))	837.77	844.18	848.05
B	ENERGY AVAILABILITY			
1	Net Generation (own)	4.70	6.00	10.00
2	Power Purchase from			
	a) Central Stations	413.88	413.88	413.88
	b) PTC	40.25	40.25	40.25
	c)(WBSEDCL)	56.88	56.88	56.88
	d) SPDC	12.67	12.67	12.67
	e) Free Power	314.32	314.32	314.32
	f) Others - (UI)	5.28	5.28	5.28
3	Net Power Purchase (a+b+c+d+e+f)	843.29	843.29	843.29
4	Less: Pool Loss	10.22	5.11	5.24
5	Energy available at State Periphery	833.07	838.18	838.05
6	Total Energy Availability	837.77	844.18	848.05



**Petition for Approval of Annual Revenue Requirement
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Format- D2 (A)

Information regarding Distribution Loss and AT & C Loss of Licensee

Sl. No	Particulars	Calculation	Unit	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projection)
1	Generation (own as well as any other connected generation net after deducting auxiliary consumption) within area of supply of DISCOM	A	MU	4.70	6.00	10.00
2	Input energy (metered Import) received at interface points of DISCOM network	B	MU	396.28	405.00	409.50
3	Input energy (metered Export) by the DISCOM at interface point of DISCOM network	C	MU	0.00	0.00	0.00
4	Total energy available for sale within the licensed area to the consumers of the DISCOM	D=A+B-C	MU	400.98	411.00	419.50
5	Energy billed to metered consumers within the licensed area of the DISCOM	E	MU	213.44	225.44	241.34
6	Energy billed to unmetered consumers within the licensed area of the DISCOM	F	MU	23.93	20.00	15.00
7	Total Energy Billed	G=E+F	MU	237.37	245.44	256.34
8	Amount billed to consumer within the licensed area of DISCOM	H	Rs.	111.04	115.00	120.00
9	Amount Realized by the DISCOM out of the amount Billed at HQ	I	Rs. Cr.	97.61	105.00	110.00
10	Collection efficiency (%) (=Revenue realized / Amount billed)	$J=(I/H) \times 100$	%	88	91	92
11	Energy realised by the DISCOM	K=JXG	MU	209	224	235
12	Distribution Loss (%)	$L=\{(D-G)/D\} \times 100$	%	41	40	39
13	AT&C Loss (%)	$M=\{(D-K)/D\} \times 100$	%	48	45	44



**ENTITLEMENT FROM CENTRAL GENERATING STATIONS AND ENERGY PURCHASED
FOR THE YEAR 2013-14**

In (MU)

Sl. No.	Station	Capacity (MW)	Firm Allocation to		Gen. (MU)	PLF %	Aux. Cons.		Energy sent out	Firm Energy entitlement	Actual Utilised
			4	5			8	9			
1	2	3	4	5	6	7	8	9	10	11	12
1	NTPC										
	a)FSTPP	1600	1.63%	26 MW	0.00	0.00	0.00	0.00	0.00	0.00	102.95
	b)FSTPP-III	500	1.40%	7 MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	c)KHSTPP-I	840	1.55%	13 MW	0.00	0.00	0.00	0.00	0.00	0.00	84.31
	d)KHSTPP-II	1500	0.33%	4.95 MW	0.00	0.00	0.00	0.00	0.00	0.00	26.04
	e)TSTPP	1000	2.40%	24 MW	0.00	0.00	0.00	0.00	0.00	0.00	165.93
2	NHPC										
	a) RANGIT-III	60	13.33%	8 MW	0.00	0.00	0.00	0.00	0.00	0.00	7.59
	b) TEESTA -V	510	13.19%	67 MW	0.00	0.00	0.00	0.00	0.00	0.00	27.05
3	PTC										
	a)CHUKHA	270	2.22%	6 MW	0.00	0.00	0.00	0.00	0.00	0.00	40.25
4	Other sources										
	a)WBSIEDCL	50	20%	10 MW	0.00	0.00	0.00	0.00	0.00	0.00	56.88
	b) SPDC				0.00	0.00	0.00	0.00	0.00	0.00	4.41
	Total										515.43



**ENTITLEMENT FROM CENTRAL GENERATING STATIONS AND ENERGY PURCHASED
FOR THE YEAR 2014-15**

In (MU)

Sl. No.	Station	Capacity (MW)	Firm Allocation to		Gen. (MU)	PLF %	Aux. Cons.		Energy sent out	Firm Energy entitlement	Actual Utilised
			4	5			8	9			
1	2	3	4	5	6	7	8	9	10	11	12
1	NTPC										
	FSTPP	1600	1.63%	26 MW	0.00	0.00	0.00	0.00	0.00	0.00	102.95
	FSTPP-III (Till Sept'12)	-	-	-	-	-	-	-	-	-	-
	KHSTPP-I	840	1.55%	13 MW	0.00	0.00	0.00	0.00	0.00	0.00	84.31
	KHSTPP-II	1500	0.33%	4.95 MW	0.00	0.00	0.00	0.00	0.00	0.00	26.04
	TSTPP	1000	2.40%	24 MW	0.00	0.00	0.00	0.00	0.00	0.00	165.93
2	NHPC										
	RANGIT-III	60	13.33%	8 MW	0.00	0.00	0.00	0.00	0.00	0.00	7.59
	TEESTA -V	510	13.19%	67 MW	0.00	0.00	0.00	0.00	0.00	0.00	27.05
3	PTC										
	CHUKHA	270	2.22%	6 MW	0.00	0.00	0.00	0.00	0.00	0.00	40.25
4	Other sources										
	WBSEB	50	20%	10 MW	0.00	0.00	0.00	0.00	0.00	0.00	56.88
	SPDC				0.00	0.00	0.00	0.00	0.00	0.00	4.41
	Total										515.43



**ENTITLEMENT FROM CENTRAL GENERATING STATIONS AND ENERGY PURCHASED
FOR THE YEAR 2015-16**

In (MU)

Sl. No.	Station	Capacity (MW)	Firm Allocation to		Gen. (MU)	PLF %	Aux. Cons.		Energy sent out	Firm Energy entitlement	Actual Utilised
			4	5			8	9			
1	2	3	4	5	6	7	8	9	10	11	12
1	NTPC		%	MW							
	FSTPP	1600	1.63%	26 MW	0.00	0.00	0.00	0.00	0.00	0.00	102.95
	FSTPP-III (Till Sept'12)	-	-	-	-	-	-	-	-	-	-
	KHSTPP-I	840	1.55%	13 MW	0.00	0.00	0.00	0.00	0.00	0.00	84.31
	KHSTPP-II	1500	0.33%	4.95 MW	0.00	0.00	0.00	0.00	0.00	0.00	26.04
	TSTPP	1000	2.40%	24 MW	0.00	0.00	0.00	0.00	0.00	0.00	165.93
2	NHPC										
	RANGIT-III	60	13.33%	8 MW	0.00	0.00	0.00	0.00	0.00	0.00	7.59
	TEESTA -V	510	13.19%	67.269 MW	0.00	0.00	0.00	0.00	0.00	0.00	27.05
3	PTC										
	CHUKHA	270	2.22%	6 MW	0.00	0.00	0.00	0.00	0.00	0.00	40.25
4	Other sources										
	WBSEB	50	20%	10 MW	0.00	0.00	0.00	0.00	0.00	0.00	56.88
	SPDC				0.00	0.00	0.00	0.00	0.00	0.00	4.41
	Total										515.43



Format- D4

POWER PURCHASE COST FOR THE YEAR-2013-14

(Rs. in Crores)

Sl. No.	Source	Energy received (MU)	Variable Cost (Ps. / Unit)	Total Variable Cost	Total Fixed Cost	Others	Total Cost i/c supplementary bills (5+6+7)	Unit Cost (Rs. / KWH)
1	2	3	4	5	6	7	8	9
1	NTPC							
	a) FSTPP	102.95	0.00	29.09	17.32	7.14	53.55	5.20
	b) FSTPP-III	0.00	0.00	0.00	0.00	0.21	0.21	0.00
	c) KHSTPP-I	84.31	0.00	22.78	9.93	2.96	35.68	4.23
	d)KHSTPP-II	26.04	0.00	6.63	4.31	0.91	11.85	4.55
	e)TSTPP	165.93	0.00	24.92	14.55	2.46	41.93	2.53
2	NHPC							
	a) RANGIT-III	7.59	0.00	0.66	0.72	0.14	1.52	2.00
	b)TEESTA -V	27.05	0.00	3.57	3.46	3.26	10.29	3.80
3	Other sources							
	a) PTC	40.25	0.00	6.43	0.00	1.02	7.45	1.85
	b)WBSEDCL	56.88	0.00	0.00	0.00	6.90	6.90	1.21
	c) SPDC	12.67	0.00	0.00	0.00	0.00	4.31	3.40
4	Other Charges							
	a) Transmission Charge	0.00	0.00	0.00	0.00	0.00	32.41	0.00
5	UI Purchase	5.28	0.00	0.00	0.00	0.00	0.95	1.80
	Free Power	314.32	0.00	0.00	0.00	0.00	0.00	0.00
	Rebate/ Other Charges	0.00	0.00	0.00	0.00	0.00	2.08	0.00
	Total	843.29		94.09	50.29	25.01	209.14	



POWER PURCHASE COST FOR THE YEAR-2014-15

(Rs. in Crores)

Sl. No.	Source	Energy received (MU)	Variable Cost (Ps. / Unit)	Total Variable Cost	Total Fixed Cost	Others	Total Cost i/c supplementary bills (5+6+7)	Unit Cost (Rs. / KWH)
1	2	3	4	5	6	7	8	9
1	NTPC							
	FSTPP	102.95	0.00	29.09	17.32	7.14	53.55	5.20
	FSTPP -III	0.00	0.00	0.00	0.00	0.21	0.21	
	KHSTPP-I	84.31	0.00	22.78	9.93	2.96	35.68	4.23
	KHSTPP-II	26.04	0.00	6.63	4.31	0.91	11.85	4.55
	TSTPP	165.93	0.00	24.92	14.55	2.46	41.93	2.53
2	NHPC							
	RANGIT-III	7.59	0.00	0.66	0.72	0.14	1.52	2.00
	TEESTA -V	27.05	0.00	3.57	3.46	3.26	10.29	3.80
3	Other sources							
	a) PTC	40.25	0.00	6.43	0.00	1.02	7.45	1.85
	b)WBSEDCL	56.88	0.00	0.00	0.00	6.90	6.90	1.21
	c) SPDC	12.67	0.00	0.00	0.00	0.00	4.31	3.40
4	Other Charges							
	a) Transmission Charge	0.00	0.00	0.00	0.00	0.00	32.41	0.00
5	UI Purchase	5.28	0.00	0.00	0.00	0.00	0.95	1.80
	Free Power	314.32	0.00	0.00	0.00	0.00	0.00	0.00
	Rebate/ Other Charges	0.00	0.00	0.00	0.00	0.00	2.08	0.00
	Total	843.29		94.09	50.29	25.01	209.14	



POWER PURCHASE COST FOR THE YEAR-2015-16

(Rs. in Crores)

Sl. No.	Source	Energy received (MU)	Variable Cost (Ps. / Unit)	Total Variable Cost	Total Fixed Cost	Others	Total Cost i/c supplementary bills (5+6+7)	Unit Cost (Rs. / KWH)
1	2	3	4	5	6	7	8	9
1	NTPC							
	FSTPP	102.95	0.00	29.09	17.32	7.14	53.55	5.20
	FSTPP- III	0.00	0.00	0.00	0.00	0.21	0.21	
	KHSTPP-I	84.31	0.00	22.78	9.93	2.96	35.68	4.23
	KHSTPP-II	26.04	0.00	6.63	4.31	0.91	11.85	4.55
	TSTPP	165.93	0.00	24.92	14.55	2.46	41.93	2.53
2	NHPC							
	RANGIT-III	7.59	0.00	0.66	0.72	0.14	1.52	2.00
	TEESTA -V	27.05	0.00	3.57	3.46	3.26	10.29	3.80
3	Other sources							
	PTC	40.25	0.00	6.43	0.00	1.02	7.45	1.85
	WBSEDCL	56.88	0.00	0.00	0.00	6.90	6.90	1.21
	SPDC	12.67	0.00	3.80	0.00	0.00	4.31	3.40
4	Other Charges							
	Transmission Charge	0.00	0.00	0.00	0.00	0.00	32.41	0.00
5	UI Purchase	5.28	0.00	0.00	0.00	0.00	0.95	1.80
	Free Power	314.32	0.00	0.00	0.00	0.00	0.00	0.00
	Rebate/ Other Charges	0.00	0.00	0.00	0.00	0.00	2.08	0.00
	Total	843.29		97.89	50.29	25.01	209.14	



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- D5

NON TARIFF INCOME

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Meter / Service Rent	0.48	0.51	0.53
2	Late Payment Surcharge	0.30	0.31	0.33
3	Theft / Pilferage of Energy Charges	0.02	0.02	0.02
4	Misc. Receipts	0.03	0.04	0.04
5	Misc. Charges	0.02	0.02	0.02
6	Wheeling Charges	0.00	0.00	0.00
7	Interest on Staff Loans & Advance	0.00	0.00	0.00
8	Income from Trading	0.00	0.00	0.00
9	Income from Welfare Activities	0.00	0.00	0.00
10	Excess on Verification	0.00	0.00	0.00
11	Investments & Bank Balances	0.00	0.00	0.00
12	Total Income	0.86	0.90	0.94
13	Add Prior Period Income	0.00	0.00	0.00
14	Total	0.86	0.90	0.94



Format- D6

BAD AND DOUBTFUL DEBTS

FOR THE YEAR 2015-16

(Rs. in Crores)

Sl. No.	Particulars	Amount
1	2	3
1	Amount of receivable bad and doubtful debts (audited)	NA
2	Provision made for debts in ARR	



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- D7

ANNUAL REVENUE REQUIREMENT

(Rs. in Crores)

Sl. No.	Item of expenditure	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Cost of Fuel	0.17	0.19	0.37
2	Cost of Power Purchase	209.14	209.14	209.14
3	Employee Costs	47.51	65.20	77.06
4	R&M Expenses	40.88	31.66	34.96
5	Adm. & Gen. Expenses	2.58	2.53	2.58
6	Depreciation	33.94	38.71	45.63
7	Interest Charges	69.47	71.86	77.83
8	Interest on Working Capital	3.85	4.04	4.36
9	Return on Equity	29.63	33.43	38.93
10	Income Tax	0.00	0.00	0.00
11	Total Revenue Requirement	437.17	456.75	490.85
12	Less: Non Tariff Income	0.86	0.90	0.94
13	Net Revenue Requirement (11-12)	436.32	455.86	489.91
14	Revenue from Tariff	111.01	114.52	119.87
15	Revenue from Outside State Sale	98.15	98.15	98.15
16	Gap (13 - 14- 15)	227.16	243.19	271.90
17	Gap for FY 2013-14	-	0.00	-
	Gap for FY 2014-15	-	0.00	-
18	Total gap (16+17+18)	227.16	243.19	271.90
19	Revenue Surplus Carried over	0.00	0.00	0.00
20	Additional revenue from proposed tariff	0.00	0.00	15.70
21	Regulatory Asset	0.00	0.00	0.00
22	Energy Sales (MU)	237.37	245.44	256.34



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format-1

EMPLOYEE COST

(Rs. in Crores)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
	SALARIES & ALLOWANCES			
1	Basic Pay	45.75	63.20	74.44
2	Dearness Pay	0.00	0.00	0.00
3	Dearness Allowance	0.00	0.00	0.00
4	House Rent Allowance	0.00	0.00	0.00
5	Fixed Medical Allowance	0.00	0.00	0.00
6	Medical Reimbursement Charges	0.94	1.00	1.50
7	Over Time Payment	0.00	0.00	0.00
8	Other Allowances (detailed list to be attached)			
a)	Spl. Border Compensatory Allowance	0.03	0.05	0.07
9	Generation Incentive	0.00	0.00	0.00
10	Bonus	0.00	0.00	0.00
11	Sub-Total	46.72	64.25	76.01
	Terminal Benefits			
12	Leave Encashment	0.79	0.95	1.05
13	Gratuity	0.00	0.00	0.00
14	Commutation of Pension	0.00	0.00	0.00
15	Workman Compensation	0.00	0.00	0.00
16	Ex- gratia	0.00	0.00	0.00
17	Sub-Total	0.79	0.95	1.05
	Pension Payment			
18	Basic Pension	0.000	0.000	0.000
19	Dearness Pension	0.000	0.000	0.000
20	Dearness Allowance	0.000	0.000	0.000
21	Any Other Expenses (Medical)	0.000	0.000	0.000
22	Sub-Total	0.00	0.00	0.00
23	Total (11+17+22)	47.51	65.20	77.06
24	Amount Capitalised	0.00	0.00	0.00
25	Net Amount	47.51	65.20	77.06
26	Add Prior Period Expenses	0.00	0.000	0.000
27	Grand Total	47.51	65.20	77.06



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 2

TOTAL NUMBER OF EMPLOYEES (Regular/Work Charge/Adhoc/MR)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Number of employees as on 1st April	3984	3989	3991
2	Number of employees on deputation / foreign service as on 1st April	0	0	0
3	Total Number of employees (1+2)	3984	3989	3991
4	Number of employees retired / retiring during the year	63	36	45
5	Number of employees at the end of the year (3-4)	3921	3953	3946

TOTAL NUMBER OF EMPLOYEES (Regular)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Number of Employees as on 1st April	1281	1293	1303
2	Number of employees on deputation / foreign service as on 1st April	0	0	0
3	Total Number of employees (1+2)	1281	1293	1303
4	Number of employees retired / retiring during the year	46	28	30
5	Number of employees at the end of the year (3-4)	1235	1265	1273



**Petition for Approval of Annual Revenue Requirement
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Format- 2

TOTAL NUMBER OF EMPLOYEES (Adhoc)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Number of employees as on 1st April	300	300	300
2	Number of employees on deputation / foreign service as on 1st April	0	0	0
3	Total Number of employees (1+2)	300	300	300
4	Number of employees retired / retiring during the year	0	0	0
5	Number of employees at the end of the year (3-4)	300	300	300

TOTAL NUMBER OF EMPLOYEES (Work Charge)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Number of employees as on 1st April	651	644	636
2	Number of employees on deputation / foreign service as on 1st April	0	0	0
3	Total Number of employees (1+2)	651	644	636
4	Number of employees retired / retiring during the year	17	8	15
5	Number of employees at the end of the year (3-4)	634	636	621



Format- 2

TOTAL NUMBER OF EMPLOYEES (Muster Roll)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Number of employees as on 1st April	1752	1752	1752
2	Number of employees on deputation / foreign service as on 1st April	0	0	0
3	Total Number of employees (1+2)	1752	1752	1752
4	Number of employees retired / retiring during the year	0	0	0
5	Number of employees at the end of the year (3-4)	1752	1752	1752



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 3

EMPLOYEES PRODUCTIVE PARAMETERS

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Number of Consumers	95984.00	98868.00	103669.00
2	Connected Load in kW	129390.26	142329.29	156562.21
3	Line circuit in KM (LT+HT)	7737.13	7737.13	7737.13
4	Energy Sold in MU	237.37	245.44	256.34
5	Employees per MU of energy sold	0.06	0.06	0.06
6	Employees per 1000 consumers	40.85	39.98	38.06
7	Share of Employees Cost in Total Expenses	47.51	65.20	77.06
8	Employees Cost in paise / kWh of Energy Sold	200.16	265.65	300.62
9	Line circuit KM (EHT Lines)	84.20	84.20	84.20
10	Employees per KM of EHT line (Transmission related)	46.57	46.95	46.86
11	Power station installed capacity own generation (MW)	41.59	41.59	41.59
12	Employees per MW of capacity for generating company	94.28	95.05	94.88



**Petition for Approval of Annual Revenue Requirement
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Format – 4

REPAIRS AND MAINTENANCE EXPENSES

(Rs. in Crores)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Plant & Machinery			
	-Plant and Apparatus	5.69	3.28	3.80
	-EHV Sub-stations			
	- 33 kV Sub-stations			
	- 11 kV Sub-stations			
	-Switch Gear and Cable Connections			
	- Others			
	-Diesel Power Stations			
	Total	5.69	3.28	3.80
2	Building	1.17	0.84	0.93
3	Hydraulic Works & Civil Works	0.00	0.00	0.00
4	Line cable & Network			
	- EHV Lines	32.82	25.98	28.60
	-33 kV Lines			
	-11 kV Lines			
	-LT Lines			
	-Meters and metering equipment	0.00	0.00	0.00
	-Others	0.00	0.00	0.00
	Total	32.82	25.98	28.60
5	Vehicles	0.28	0.44	0.48
6	Furniture & Fixtures	0.00	0.01	0.01
7	Office Equipments	0.92	1.11	1.14
8	Operating Expenses	0.00	0.00	0.00
9	Total	40.88	1.56	1.63
10	Add / Deduct share of other (To be specified)	0.00	0.00	0.00
11	Total Expenses	40.88	31.66	34.96
12	Less Capitalized	0.00	0.00	0.00
13	Net Expenses	40.88	31.66	34.96
14	Add Prior Period	0.00	0.00	0.00
15	Total Expenses Charged to Revenue as R&M Expenses	40.88	31.66	34.96



ADMINISTRATION AND GENERAL EXPENSES

(Rs. in Crores)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Rent, Rates & Taxes	0.01	0.01	0.01
2	Insurance	0.00	0.00	0.00
3	Telephone, Postage & Telegrams	0.05	0.06	0.06
4	Consultancy Fees	0.00	0.00	0.00
5	Technical Fees	0.00	0.00	0.00
6	Other Professional Charges	0.15	0.15	0.15
7	Conveyance & Travel Expenses	0.28	0.21	0.25
8	Electricity & Water Charges	0.09	0.10	0.11
9	Others	2.00	2.00	2.00
10	Freight	0.00	0.00	0.00
11	Other Material related Expenses	0.00	0.00	0.00
12	Total Expenses	2.58	2.53	2.58
13	Less Capitalised	0.00	0.00	0.00
14	Net expenses	2.58	2.53	2.58
15	Add Prior period	0.00	0.00	0.00
16	Total Expenses Charged to Revenue	2.58	2.53	2.58



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 6

VALUE ASSETS AND DEPRECIATION 2013-14

(Rs. in Crores)

Sl. No.	Name of the Asset	Value of Assets at the beginning of the year	Addition during the year	Withdrawn during the year	Value of Assets at the end of the year	Rate of Depreciation (%)	Depreciation charges for the year
1	2	3	4	5	6	7	8
1	Plant & Machinery	555.57	102.26	0.00	657.83	5.28	30.62
2	Buildings	97.71	0.00	0.00	97.71	3.34	3.26
3	Furniture & Fittings	1.14	0.00	0.00	1.14	6.33	0.06
Total		654.41	102.26	0.00	756.67		33.94

VALUE ASSETS AND DEPRECIATION 2014-15

(Rs. in Crores)

Sl. No.	Name of the Asset	Value of Assets at the beginning of the year	Addition during the year	Withdrawn during the year	Value of Assets at the year	Rate of Depreciation (%)	Depreciation charges for the year
1	2	3	4	5	6	7	8
1	Plant & Machinery	657.83	78.545788	0.00	736.37	5.28	35.39
2	Buildings	97.71	0.00	0.00	97.71	3.34	3.26
3	Furniture & Fittings	1.14	0.00	0.00	1.14	6.33	0.06
Total		756.67	78.55	0.00	835.21		38.71



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 6

VALUE ASSETS AND DEPRECIATION 2015-16

(Rs. in Crores)

Sl. No.	Name of the Asset	Value of Assets at the beginning of the year	Addition during the year	Withdrawn during the year	Value of Assets at the end of the year	Rate of Depreciation (%)	Depreciation charges for the year
1	2	3	4	5	6	7	8
1	Plant & Machinery	736.37	183.36	0.00	919.73	5.28	42.30
2	Buildings	97.71	0.00	0.00	97.71	3.34	3.26
3	Furniture & Fittings	1.14	0.00	0.00	1.14	6.33	0.06
Total		835.21	183.36	0.00	1018.58		45.63



**Petition for Approval of Annual Revenue Requirement
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Format- 7

DETAILS OF LOANS FOR THE YEAR 2013-14

(Rs. in Crores)

Sl. No.	Particulars	Opening Balance	Rate of Interest	Addition during the year	Repayment during the year	Closing Balance	Amount of Interest paid
1	2	3	4	5	6	7	8
1	SLR Bonds	0.00	0.00	0.00	0.00	0.00	0.00
2	Non SLR Bonds	0.00	0.00	0.00	0.00	0.00	0.00
3	LIC	0.00	0.00	0.00	0.00	0.00	0.00
4	REC	0.00	0.00	0.00	0.00	0.00	0.00
5	Commercial Banks	0.00	0.00	0.00	0.00	0.00	0.00
6	Bills discounting	0.00	0.00	0.00	0.00	0.00	0.00
7	Lease rental	0.00	0.00	0.00	0.00	0.00	0.00
8	PFC	0.00	0.00	0.00	0.00	0.00	0.00
9	GPF	0.00	0.00	0.00	0.00	0.00	0.00
10	CSS	0.00	0.00	0.00	0.00	0.00	0.00
11	Working capital loan	0.00	0.00	0.00	0.00	0.00	0.00
12	Others (details to be given)	0.00	0.00	0.00	0.00	0.00	0.00
13	Total	0.00		0.00	0.00	0.00	0.00
14	Add State Govt. Loan	0.00	0.00	0.00	0.00	0.00	0.00
15	Total (13 +14)	0.00		0.00	0.00	0.00	0.00
16	Less capitalisation	0.00					0.00
17	Net Interest	0.00					0.00
18	Add prior period	0.00					0.00
19	Total Interest	0.00					0.00
20	Finance charges	0.00					0.00
21	Total Interest and finance charges	0.00					0.00



**Petition for Approval of Annual Revenue Requirement
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Format- 7

DETAILS OF LOANS FOR THE YEAR 2014-15

(Rs. in Crores)

Sl. No.	Particulars	Opening Balance	Rate of Interest	Addition during the year	Repayment during the year	Closing Balance	Amount of Interest paid
1	2	3	4	5	6	7	8
1	SLR Bonds	0.00	0.00	0.00	0.00	0.00	0.00
2	Non SLR Bonds	0.00	0.00	0.00	0.00	0.00	0.00
3	LIC	0.00	0.00	0.00	0.00	0.00	0.00
4	REC	0.00	0.00	0.00	0.00	0.00	0.00
5	Commercial Banks	0.00	0.00	0.00	0.00	0.00	0.00
6	Bills discounting	0.00	0.00	0.00	0.00	0.00	0.00
7	Lease rental	0.00	0.00	0.00	0.00	0.00	0.00
8	PFC	0.00	0.00	0.00	0.00	0.00	0.00
9	GPF	0.00	0.00	0.00	0.00	0.00	0.00
10	CSS	0.00	0.00	0.00	0.00	0.00	0.00
11	Working capital loan	0.00	0.00	0.00	0.00	0.00	0.00
12	Others (details to be given)	0.00	0.00	0.00	0.00	0.00	0.00
13	Total	0.00		0.00	0.00	0.00	0.00
14	Add State Govt. Loan	0.00	0.00	0.00	0.00	0.00	0.00
15	Total (13 +14)	0.00		0.00	0.00	0.00	0.00
16	Less Capitalisation	0.00					0.00
17	Net Interest	0.00					0.00
18	Add prior period	0.00					0.00
19	Total Interest	0.00					0.00
20	Finance charges	0.00					0.00
21	Total Interest and finance charges	0.00					0.00



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 7

DETAILS OF LOANS FOR THE YEAR 2015-16

(Rs. in Crores)

Sl. No.	Particulars	Opening Balance	Rate of Interest	Addition during the year	Repayment during the year	Closing Balance	Amount of Interest paid
1	2	3	4	5	6	7	8
1	SLR Bonds	0.00	0.00	0.00	0.00	0.00	0.00
2	Non SLR Bonds	0.00	0.00	0.00	0.00	0.00	0.00
3	LIC	0.00	0.00	0.00	0.00	0.00	0.00
4	REC	0.00	0.00	0.00	0.00	0.00	0.00
5	Commercial Banks	0.00	0.00	0.00	0.00	0.00	0.00
6	Bills discounting	0.00	0.00	0.00	0.00	0.00	0.00
7	Lease rental	0.00	0.00	0.00	0.00	0.00	0.00
8	PFC	0.00	0.00	0.00	0.00	0.00	0.00
9	GPF	0.00	0.00	0.00	0.00	0.00	0.00
10	CSS	0.00	0.00	0.00	0.00	0.00	0.00
11	Working capital loan	0.00	0.00	0.00	0.00	0.00	0.00
12	Others (details to be given)	0.00	0.00	0.00	0.00	0.00	0.00
13	Total	0.00		0.00	0.00	0.00	0.00
14	Add State Govt. Loan	0.00		0.00	0.00	0.00	0.00
15	Total (13 +14)	0.00		0.00	0.00	0.00	0.00
16	Less Capitalisation	0.00					0.00
17	Net Interest	0.00					0.00
18	Add prior period	0.00					0.00
19	Total Interest	0.00					0.00
20	Finance charges	0.00					0.00
21	Total Interest and finance charges	0.00					0.00



Format- 8

INTEREST CAPITALISED

(Rs. in Crores)

Sl. No.	Interest Capitalized	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	WIP	65.73	50.49	117.87
2	GFA at the end of the year	756.67	835.21	1018.58
3	WIP+GFA at the end of the year	822.40	885.71	1136.45
4	Interest (Excluding interest on WCL)	0.00	0.00	0.00
5	Interest Capitalised	0.00	0.00	0.00



Format- 9

**INFORMATION REGARDING RESTRUCTURING OF OUTSTANDING LOANS
DURING THE YEAR 2015-16**

(Rs. In Crores)

Sl. No.	Source of Loan	Amount of Original Loan	Old Rate of Interest (%)	Amount Already Restructured	Revised Rate of Interest (%)	Amount Now Being Restructured	New Rate of Interest (%)
1	2	3	4	5	6	7	8
Not Applicable							



**INFORMATION REGARDING REVENUE FROM OTHER BUSINESS
FOR THE YEAR 2015-16**

(Rs. In Crores)

Sl. No.	Particulars	Amount
1	2	3
1	Total Revenue from other business	
2	Income from other business to be considered for licenses business as per regulations	NA



Format- 11

INFORMATION REGARDING WORKING CAPITAL

(Rs. In Crores)

Sl. No.	Particulars	2014-15	2015-16
1	2	3	4
1	One month Employees Cost	5.43	6.42
2	One month Administration & General Expenses	0.21	0.22
3	One month R&M Cost	2.64	2.91
4	Maintenance Spares	0.00	0.00
5	Two Months Receivables	19.09	19.98
6	Total	27.37	29.53
7	Interest on Working Capital @ 14.75%	4.04	4.36

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7	Interest on Working Capital @ 14.75%	4.04	4.36



**INFORMATION REGARDING FOREIGN EXCHANGE RATE VARIATION
(FERV)**

(Rs. in Crores)

Sl. No.	Particulars	Amount
1	2	3
1	Amount of liability provided	NA
2	Amount recovered	
3	Amount adjusted	



Format- 13

**INFORMATION REGARDING WHOLESALE PRICE INDEX
(ALL COMMODITIES)**

Sl. No.	Period	WPI	Increase Over Previous Year
1	2	3	4
1	As on April 1 of 2013-14	171.30	7.80
2	As on April 1 of 2014-15	180.80	9.50
3	As on April 1 of 2015-16	0.00	0.00



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 14 (A)

A. ESTIMATED REVENUE AT EXISTING TARIFF (LT) 2015-16

Sl. No	Category	Connected Load (KW)	Fixed Charges per KW (Rs.)	Total Fixed Charges (Rs. in Crores)	Slab in the Category	Sale in each Slab (MU)	Existing Tariff Rate (Paise per Kwh)	Amount (in Crores)	Total amount for the category (Crores)	Average tariff for the year (Rs. per Kwhr)
1	Domestic (Rural+Urban)									
					Up to 50 units	90.01	110.00	19.65		
					51 to 100 units		225.00			
					101-200 units		345.00			
					201 to 400 units		415.00			
					401 & above		440.00			
	Total					90.01			19.65	2.18
2	Commercial (Rural + Urban)									
					Up to 50 units	38.26	315.00	20.06		
					51 to 200 units		490.00			
					201 to 400 units		515.00			
					401 & above		540.00			
	Total					38.26			20.06	5.24
3	Public lighting									
					Rural Areas	0.38	250.00	0.16		
					Urban Areas		460.00			
	Total					0.38			0.16	4.21
4	Temporary					1.730			1.350	7.80



A. ESTIMATED REVENUE AT EXISTING TARIFF (LT) 2015-16

Sl. No	Category	Connected Load (KW)	Fixed Charges per KW (Rs.)	Total Fixed Charges (Rs. in Crores)	Slab in the Category	Sale in each Slab (MU)	Existing Tariff Rate (Paise per Kwh)	Amount (in Crores)	Total amount for the category (Crores)	Average tariff for the year (Rs. per Kwhr)
5 a)	Industrial LT (Rural)									
					Up to 500 units	0.50	235.00	0.37		
				501 - 1000 units	420.00					
				1001 & above	545.00					
	Total					0.50			0.37	
5 b)	Industrial LT (Urban)									
					Up to 500 units	0.74	480.00	0.55		
				501 - 1000 units	550.00					
				1001 & above	620.00					
	Total					0.74			0.55	
	Industrial LT Total					1.24			0.92	7.44
6	Supply to Army Pensioners									
					Up to 50 units	0.56	110.00	0.05		
				51 to 100 units	225.00					
				101-200 units	345.00					
				201 to 400 units	415.00					
				401 & above	440.00					
	Total					0.56		0.05		0.86



Format- 14 (A)

A. ESTIMATED REVENUE AT EXISTING TARIFF (LT) 2015-16

Sl. No	Category	Connected Load (KW)	Fixed Charges per KW (Rs.)	Total Fixed Charges (Rs. in Crores)	Slab in the Category	Sale in each Slab (MU)	Existing Tariff Rate (Paise per Kwh)	Amount (in Crores)	Total amount for the category (Crores)	Average tariff for the year (Rs. per Kwhr)
7	Supply to Blind									
					Up to 50 units	0.01	110.00	0.00		
					51 to 100 units		225.00			
					101-200 units		345.00			
					201 to 400 units		415.00			
					401 & above		440.00			
	Total					0.01			0.00	0.43
8	Supply to Places of Worship									
					Having 3 light points					
					Up to 50 units	0.02	110.00	0.00		
					51 to 100 units		225.000			
	Total					0.02			0.00	0.98
					Having 4 to 6 light points					
					Up to 50 units	0.0248	110.00	0.0028		
					51 to 100 units		225.00			
					101 to 200 units		345.00			
	Total					0.02			0.0028	1.13



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 14 (A)

Sl. No	Category	Connected Load (KW)	Fixed Charges per KW (Rs.)	Total Fixed Charges (Rs. in Crores)	Slab in the Category	Sale in each Slab (MU)	Existing Tariff Rate (Paise per Kwh)	Amount (in Crores)	Total amount for the category (Crores)	Average tariff for the year (Rs. per Kwhr)
					Having 7 to 12 light points					
					Up to 50 units	0.04	110.00	0.00180		
				51 to 100 units	225.00					
				101 to 200 units	345.00					
				201 to 400 units	415.00					
	Total					0.04			0.0018	0.49
					Having 13 & more light points					
					Up to 50 units	0.03	110.00	0.003		
				51 to 100 units	225.00					
				101 to 200 units	345.00					
				201 to 400 units	415.00					
				401 & above	440					
	Total					0.03			0.0030	0.93
	Total					0.1180			0.0100	0.85
	Total (LT)								42.19	



Format- 14 (B)

A. ESTIMATED REVENUE AT EXISTING TARIFF (HT) 2015-16

Sl. No	Category	Contract Demand (kVA)	Billing Demand (KVA)	Sale of Energy (MU)	Fixed Charge (Rs / kVA)	Energy Charges (Paise / kWh)	Total Fixed Charges (Rs.Crores)	Total Energy Charges (Rs. Crores)	Grand Total Amount for the Category (Rs. Crores)	Average Tariff for the year (Rs./Kwh)
9	Industrial HT									
	HT (AC) above 3.3 KV									
	Upto 100 KVA	0.00		104.88	150.00	300.00	0.00	31.46	65.96	
	100 - 250 KVA	0.00			200.00	348.00	0.00	0.00		
	250 KVA - 500 KVA	0.00			230.00	396.00	0.00	0.00		
	500 KVA & above	0.00			450	410.00	0.00	0.00		
	Total			104.88					65.96	
10	Bulk supply									
	HT + LT			19.16					11.71	
11	Total (HT)								77.67	
12	Total (LT)								42.19	
13	Total (LT+HT)								119.87	



Format- 14 (c)

B. ESTIMATED REVENUE AT EXISTING TARIFF 2015-16

Sl. No	Category	Contract Demand (KVA)	Billing Demand (KVA)	Sale of Energy (MU)	Existing Tariff	Total amount for the year (Crores.)	Total amount for the category (Crores.)	Average tariff for the year (Paise per kwhr)
1	N.A.							
2								
3								
4								
5								
6	Total (LT+HT+EHT)							



C. ESTIMATED REVENUE AT EXISTING TARIFF 2015-16

Sl. No.	Category	Contract Demand (KVA)	Billing Demand (KVA)	Sale of Energy (MU)	Existing Tariff	Total amount for the year (Crores)	Total amount for the category (Crores)	Average tariff for the year (Paise per kwhr)
1					N.A.			
2								
3								
4								
5								
6	Grand Total							



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format – 15

INVESTMENT PLAN (Scheme - Wise)

(Rs. in Crores)

Sl. No.	Name of Scheme/ Project	Approved Outlay	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)	Progressive Expenditure upto Ensuing Year
1	2	3	4	5	6	7
1	Schemes sanctioned under MDs	14.44	2.44	3.00	9.00	1.50
2	Schemes sanctioned under Building/ upgradation of Transformers	0.00	0.00	0.00	0.00	0.00
3	MNRE	0.00	0.00	3.47	3.47	0.21
4	State Share of MNRE	3.53	0.01	0.20	0.20	0.00
5	NEC Schemes	15.88	14.05	19.05	24.43	1.74
6	State Share of NEC/NLCPR Schemes	60.49	2.00	4.00	52.50	1.77
7	NLCPR Schemes	214.49	41.67	24.92	141.84	1.82
8	Schemes under CMs 42 days tour prog.	0.00	0.00	0.00	0.00	0.00
9	Schemes under SPA	0.00	26.27	0.54	0.54	0.00
10	State share of SPA	0.60	0.07	0.10	0.43	0.05
11	RGGVY	5.90	1.00	1.00	3.90	0.00
12	State Share of RGGVY	0.00	0.00	0.00	0.00	0.00
13	R-APDRP	14.21	1.00	4.00	8.21	2.00
14	State share of R-APDRP	0.00	0.00	0.00	0.00	0.00
15	Schemes under TSP/SCSP	2.15	1.03	1.03	0.18	0.00
16	Land compensation	0.00	0.75	2.00	2.00	0.11
17	APDRP	18.45	14.40	0.00	4.05	0.00
18	Others	0.00	0.00	0.00	0.00	0.00
	Total		104.69	63.30	250.74	9.20



**Petition for Approval of Annual Revenue Requirement
& Tariff Proposal for FY 2015-16**

Format- 16

INVESTMENT PLAN (Year - wise)

(Rs. in Crores)

Sl. No.	Year	Originally proposed by the Utility	Approved by the Commission	Revised by the Utility	Revised Approval by the Commission in review	Actual Expenditure
1	2	3	4	5	6	7
1	2013-14	91.91	91.91	0.00	0.00	104.69
2	2014-15	138.98	138.98	63.30	0.00	0.00
3	2015-16	250.74	0.00	0.00	0.00	0.00



Format- 17

WORKS-IN-PROGRESS

(Rs. in Crores)

Sl. No.	Particulars	2013-14 (Actuals)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Opening Balance	63.30	65.73	50.49
2	Add: New Investments	104.69	63.30	250.74
3	Total	167.99	129.04	301.24
4	Less Investment Capitalised	102.26	78.55	183.36
5	Closing Balance	65.73	50.49	117.87