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	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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 _____				

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: Jali

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	Installed Capacity	MW	2.1	2.1	2.1
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1	0.35			
	Unit-2	0.35			
	Unit-3	NA			
4	Type of Station				
	a) Surface/underground		Surface		
	b) Purely ROR/ Pondage/Storage		ROR		
	c) Peaking/non-peaking		Peaking		
	d) No. of hours of peaking		5 to 8		
	e) Overload capacity(MW) & period		NA		
5	Type of excitation				
	a) Rotaing exciters on generator		Rotating excitor on generator		
	b) Static excitation				
6	Design Energy (Annual)	Gwh	0.036	0.036	0.036
7	Auxiliary Consumption including Transformation losses	%	0.50%	0.50%	0.50%
8	Normative Plant Availability Factor (NAPAF)	%	NA		
9.1	Maintenance Spares for WC	Rs. Lakh	25		
9.2	Receivable for WC	Rs. Lakh	2.5		
9.3	Base Rate of Return on equity	%	NA		
9.4	Tax Rate [2]	%	NA		
9.5	Prime lending Rate of SBI as on		NA		

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: Rimbi - I

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	Installed Capacity	MW	0.6	0.6	0.6
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1		Early 90s		
	Unit-2		1974		
	Unit-3		1974		
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 Exciters		
	b) Static excitation				
6	Design Energy (Annual)	Gwh	1.6425		
7	Auxiliary Consumption including Transformation losses	%	0.00%		
8	Normative Plant Availability Factor (NAPAF)	%	90%		
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 _____				

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: Rimbi - II

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	Installed Capacity	MW	1	1	1
2	Free power to home state	%			
3	Date of commercial operation				
	Unit-1		20.7.1990		
	Unit-2		20.7.1989		
	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		Rotating Exciters		
	a) Rotaing exciters on generator				
	b) Static excitation				
6	Design Energy (Annual)	Gwh	6.132		
7	Auxiliary Consumption including Transformation losses	%	0.0005%		
8	Normative Plant Availability Factor (NAPAF)	%	90%		
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 _____				

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: Rothak

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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 _____				

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: Rongnichu

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	Installed Capacity	MW	2.5	2.5	2.5
2	Free power to home state	%		NA	
3	Date of commercial operation				
	Unit-1			NA	
	Unit-2			0.35	
	Unit-3			0.35	
4	Type of Station				
	a) Surface/underground			Surface	
	b) Purely ROR/ Pondage/Storage			ROR	
	c) Peaking/non-peaking			Peaking	
	d) No. of hours of peaking		5 to 8		
	e) Overload capacity(MW) & period		NA		
5	Type of excitation				
	a) Rotaing exciters on generator			Rotating excitor on generator	
	b) Static excitation				
6	Design Energy (Annual)	Gwh		300/12/100000	
7	Auxiliary Consumption including Transformation losses	%		0.50%	
8	Normative Plant Availability Factor (NAPAF)	%		NA	
9.1	Maintenance Spares for WC	Rs. Lakh		25	
9.2	Receivable for WC	Rs. Lakh		1	
9.3	Base Rate of retuen on equity	%		NA	
9.4	Tax Rate	%		NA	
9.5	Prime lending Rate of SBI as on _____			NA	

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: Chaten

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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 _____				

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: Meyongchu

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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 _____				

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: Upper Rongnichu

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	Installed Capacity	MW	8	8	8
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 _____				

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: Kalez

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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		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 Exciters		
	b) Static excitation				
6	Design Energy (Annual)	Gwh	12.264		
7	Auxiliary Consumption including Transformation losses	%	0.0005%		
8	Normative Plant Availability Factor (NAPAF)	%	90%		
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 _____				

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: Lachung

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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 _____				

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: Rabomchu

Sl. No.	Description	Unit	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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 _____				

Format- HG2

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)

Format- HG2

SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Jali

1	**Location:**	
	State/ Distt.	Sikkim East
	River:	
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:**	
	Full Reservoir Level (FRL):	270'X90'X22'
	Minimum Draw Down Level (MDDL):	
	Live storage (MCM):	
6	**Desilting Arrangement:**	
	Type:	NA
	Number & Size	NA
	Partical size to be removed (mm):	NA
7	**Head race tunnel:**	
	Size & Type	NA
	Length:	NA
	Design discharge (cumecs):	NA
8	**Surge shaft:**	
	Type:	NA
	Diameter:	NA
	Height:	NA
9	**Penstock/ pressure shafts:**	
	Type:	Conduit MS Pipe
	Diameter & Length:	8'2" Ext dia x 563'
10	**Power house:**	
	Type:	Over ground run off river
	Installed capacity (No of units x MW):	2.1 MW 6x350 KW
	Peaking capacity (during lean period, MW)	
	Type of trubine:	Horizontal Francis
	Rated head (m):	100M
	Rated discharge (cumecs)	
11	**Tail race tunnel:**	
	Diameter, Shape:	NA
	Length:	NA
	Minimum Tail water level:	NA
12	**Switch yard:**	
	Type of switch gear:	440/11KV
	Number of generator base:	6
	Number of bus coupler base:	1
	Number of line base:	1

Format- HG2

SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Rimbi - I

1	**Location:**	
	State/ Distt.	Sikkim, West
	River:	Rimbi River
2	**Diversion Tunnel**	
	Size, Shape	None
	Length	None
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):	E1. 880.17m
	Minimum Draw Down Level (MDDL):	E1. 840.17m
	Live storage (MCM):	1009.6 cu.mtr
6	**Desilting Arrangement:**	
	Type:	Rectangular type
	Number & Size	One, 25m x 6m
	Partical size to be removed (mm):	Sand
7	**Head race tunnel:**	None
	Size & Type	
	Length:	
	Design discharge (cumecs):	
8	**Surge shaft:**	None
	Type:	
	Diameter:	
	Height:	
9	**Penstock/ pressure shafts:**	
	Type:	M.S Iron, Trifurcating single steel conduit
	Diameter & Length:	Circular 1.80 m, 34 m
10	**Power house:**	
	Type:	Surface Indoor
	Installed capacity (No of units x MW):	3 x 200 KW
	Peaking capacity (during lean period, MW)	Non peaking type
	Type of trubine:	Francis horizontal turbine
	Rated head (m):	34 m
	Rated discharge (cumecs)	28 cumecs
11	**Tail race tunnel:**	
	Diameter, Shape:	1.5 m x 2.00m, Rectangular
	Length:	10m
	Minimum Tail water level:	15 cumecs
12	**Switch yard:**	
	Type of switch gear:	11 KV, 13 pole bay
	Number of generator base:	One
	Number of bus coupler base:	None existent
	Number of line base:	4 Outgoing bays, 1 Incoming bay

Format- HG2

SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Rimbi - II

1	**Location:**	
	State/ Distt.	Sikkim, West
	River:	Rimbi
2	**Diversion Tunnel**	
	Size, Shape	None
	Length	None
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):	E1. 810.17m
	Minimum Draw Down Level (MDDL):	E1. 785.17m
	Live storage (MCM):	1000.6 cu.mtr
6	**Desilting Arrangement:**	
	Type:	Desilting basin
	Number & Size	One, 25.00m x 6.00m
	Particle size to be removed (mm)	
7	**Head race tunnel:**	None
	Size & Type	
	Length:	
	Design discharge (cumecs):	
8	**Surge shaft:**	None
	Type:	
	Diameter:	
	Height:	
9	**Penstock/ pressure shafts:**	
	Type:	Single steel conduit trifurcating
	Diameter & Length	1.50m, 90m
10	**Power house:**	
	Type:	Surface Indoor
	Installed capacity (No of units x MW):	2 x 500 KW
	Peaking capacity (during lean period, MW)	Non-Peaking type
	Type of trubine:	Horizontal Francis
	Rated head (m):	54m
	Rated discharge (cumecs)	42 cumecs
11	**Tail race tunnel:**	
	Diameter, Shape	Rectangular Open Channel
	Length:	1.5 m x 2.00 m
	Minimum Tail water level:	0.750 m
12	**Switch yard:**	
	Type of switch gear:	11kv, 4 pole bay
	Number of generator base:	2
	Number of bus coupler base:	non-existent
	Number of line base:	2 out-going bays

Format- HG2

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):	
	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:	

Format- HG2

SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: 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**	
	Full Reservoir Level (FRL):	270'X100'X25'
	Minimum Draw Down Level (MDDL):	
	Live storage (MCM):	
6	**Desilting Arrangement:**	
	Type:	NA
	Number & Size	NA
	Particle size to be removed (mm)	NA
7	**Head race tunnel:**	
	Size & Type	NA
	Length:	NA
	Design discharge (cumecs):	NA
8	**Surge shaft:**	
	Type:	NA
	Diameter:	NA
	Height:	NA
9	**Penstock/ pressure shafts:**	
	Type:	Conduit MS Pipe
	Diameter & Length	8'2" Ext dia x 563'
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 trubine:	Horizontal Francis
	Rated head (m):	72 M
	Rated discharge (cumecs)	
11	**Tail race tunnel:**	
	Diameter, Shape	NA
	Length:	NA
	Minimum Tail water level:	NA
12	**Switch yard:**	
	Type of switch gear:	440/11KV
	Number of generator base:	5
	Number of bus coupler base:	1
	Number of line base:	1

Format- HG2

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:	

Format- HG2

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
	Rated discharge (cumecs)	0.65/unit
11	**Tail race tunnel:**	Tail race open channel
	Diameter, Shape	Rectangular
	Length:	210m
	Minimum Tail water level:	2016.65
12	**Switch yard:**	
	Type of switch gear:	
	Number of generator base:	
	Number of bus coupler base:	
	Number of line base:	

Format- HG2

SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Upper Rongnichu

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:	

Format- HG2

SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Hydro Generating Station: Kalez

1	**Location:**	
	State/ Distt.	Sikkim, West
	River:	KalejKhola
2	**Diversion Tunnel**	
	Size, Shape	3.00mx2.50mx2.25m, Drop type trench weir
	Length	20 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):	E1. 988.17m
	Minimum Draw Down Level (MDDL):	E1. 985.17m
	Live storage (MCM):	1209.6 cu.mtr
6	**Desilting Arrangement:**	
	Type:	Desilting basin
	Number & Size	one, 30.00m x 8.00m
	Partical size to be removed (mm):	
7	**Head race tunnel:**	None
	Size & Type	
	Length:	
	Design discharge (cumecs):	
8	**Surge shaft:**	None
	Type:	
	Diameter:	
	Height:	
9	**Penstock/ pressure shafts:**	
	Type:	Single steel conduit trifurcating
	Diameter & Length	1.80m, 100m
10	**Power house:**	
	Type:	Surface Indoor
	Installed capacity (No of units x MW):	3 x 2000 KW
	Peaking capacity (during lean period, MW)	2500 KVA
	Type of trubine:	Horizontal Francis
	Rated head (m):	80.12m
	Rated discharge (cumecs)	10.08 cumecs
11	**Tail race tunnel:**	
	Diameter, Shape	Rectangular Open Channel
	Length:	1.75 m x 2.80 m
	Minimum Tail water level:	0.750 m
12	**Switch yard:**	
	Type of switch gear:	Outdoor switchyard
	Number of generator base:	2
	Number of bus coupler base:	Non existent
	Number of line base:	3 out-going bays, 1 incoming bays

Format- HG2

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:	

Format- HG2

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:	

Format - HG3

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

Name of the Hydro Generating Station: LLHP

Installed Capacity: 2x6 = 12 MW

Year : 2012-13

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 : 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

Format - HG3

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

Name of the Hydro Generating Station: LLHP

Installed Capacity: 2x6 = 12 MW

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

Format - HG3

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 2012-13

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 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

Format - HG3

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 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

Format - HG3

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 2012-2013

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 2013-2014

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

Format - HG3

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 2014-2015

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

Format - HG3

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 2012-2013

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 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

Format - HG3

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 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

Format - HG3

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 2012-13

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 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

Format - HG3

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 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

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 : 2012-13

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 :2013-14

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 :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: Kalez

Installed Capacity: 2 x 1 = 2 MW

Year 2012-13

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 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

Format - HG3

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 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

Format - HG3

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: 2012-13

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: 2013-14

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

Format - HG3

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: 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

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	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	Gross Generation (MU)			
2	Auxilary 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)**			

Format- D1

CONSUMER CATEGORY-WISE ENERGY SALES

Sl. No.	Category of Consumers	2012-13 (Actuals)		2013-14 (Estimated)		2014-15 (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 (DLT)**						
a)	Up to 50 units	54968	35.15	55168	35.34	53468	36.05
b)	51 to 100 units	21745	24.19	21845	24.40	23745	26.47
c)	101-200 units	1987	8.29	1987	8.53	2087	9.20
d)	201 to 400 units	1187	6.81	1267	7.14	1447	7.78
e)	401 & above	676	3.33	696	3.42	716	3.52
	Total	**80563**	**77.75**	**80963**	**78.83**	**81463**	**83.01**
2	**Commercial (CLT)**						
a)	Up to 50 units	1383	5.22	1483	5.33	583	5.43
b)	51 to 200 units	4825	14.90	4825	15.08	5725	17.06
c)	201 to 400 units	2297	12.44	2297	12.80	2397	13.52
d)	401 & above	1158	5.70	1258	6.19	1358	6.68
	Total	**9663**	**38.26**	**9863**	**39.40**	**10063**	**42.70**
3	**Public lighting**						
a)	Rural Areas	8	0.10	10	0.12	10	0.12
b)	Urban Areas	23	0.34	25	0.37	25	0.37
	Total	**31**	**0.43**	**35**	**0.49**	**35**	**0.49**
4	**Temporary**	0	**0.09**	**0**	**0.09**	**0**	**0.09**
5	**Industrial**						
A	HT						
	HT (AC) above 3.3 KV						
a)	Upto 100 KVA	200	37.26	210	37.26	220	38.26
b)	100 - 250 KVA	97	24.25	110	24.25	125	26.25
c)	250- 500 KVA	35	30.25	30	20.53	33	22.53
d)	500 KVA & above	0	0.00	25	21.63	28	23.63
	Total HT	**332**	**91.76**	**375**	**103.67**	**406**	**110.67**

Format- D1

CONSUMER CATEGORY-WISE ENERGY SALES

Sl. No.	Category of Consumers	2012-13 (Actuals)		2013-14 (Estimated)		2014-15 (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	205	0.48	210	0.49	212	0.50
b)	501 - 1000 units	15	0.09	18	0.11	19	0.11
c)	1001 & above	0	0.00	0	0.00	0	0.00
	Total	**220**	**0.57**	**228**	**0.60**	**231**	**0.61**
C	LT (Urban)						
a)	Up to 500 units	139	0.41	142	0.41	145	0.43
b)	501 - 1000 units	30	0.18	32	0.19	33	0.20
c)	1001 & above	0	0.00	0	0.00	0	0.00
	Total	**169**	**0.59**	**174**	**0.60**	**178**	**0.63**
	Total LT (B+C)	**389**	**1.15**	**402**	**1.21**	**409**	**1.24**
	Total Industrial (A+B+C)	**721**	**92.91**	**777**	**104.88**	**815**	**111.91**
6	**Bulk supply**						
a)	LT	778	5.05	788	5.05	793	5.05
b)	HT	70	11.18	80	11.18	84	11.18
	Total	**848**	**16.23**	**868**	**16.23**	**877**	**16.23**
7	**Supply to Army Pensioners**						
a)	Upto 100 units	705	0.63	708	0.63	708	0.63
b)	101 & above	80	0.11	81	0.11	81	0.11
	Total	**785**	**0.74**	**789**	**0.74**	**789**	**0.74**
8	**Supply to Blind**						
a)	Upto 100 units	3	0.01	3	0.01	3	0.01
b)	101 & above	2	0.00	2	0.00	2	0.00
	Total	**5**	**0.01**	**5**	**0.01**	**5**	**0.01**
9	**Supply to Places of Worship**						
a)	Having 3 light points						
	up to 100 units	129	0.34	132	0.34	135	0.37
	101 & above	10	0.12	12	0.15	18	0.22

Format- D1

CONSUMER CATEGORY-WISE ENERGY SALES

Sl. No.	Category of Consumers	2012-13 (Actuals)		2013-14 (Estimated)		2014-15 (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
	Having 4 to 6 light points						
	upto 150 units	5	0.00	7	0.01	8	0.01
	151 & above	0	0.00	0	0.00	0	0.00
c)	Having 7 to 12 light points						
	upto 300 units	8	0.01	9	0.02	10	0.02
	301 & above	0	0.00	0	0.00	0	0.00
d)	Having 13 & more light points						
	upto 500 units	3	0.01	4	0.01	5	0.01
	501 & above	0	0.00	0	0.00	0	0.00
	Total	**155**	**0.48**	**164**	**0.52**	**176**	**0.62**
10	**Grand Total**	**92740**	**226.90**	**93429**	**241.17**	**94188**	**255.79**

Format- D2

ENERGY BALANCE

(In MU)

Sl. No.	Item	2012-13 (Actuals)	2013-14 (Estimted)	2014-15 (Projected)
A	**ENERGY REQUIREMENT**			
1	Energy Sales within the State	226.90	241.17	255.79
2	Sales Outside State (UI)	55.54	55.54	55.54
3	Sales to Common Pool Consumers	0.00	0.00	0.00
4	Sales to Electricity Traders	170.52	170.52	170.52
5	Sales to Other Distribution Licensees	185.65	185.65	185.65
6	**Total Sales**	**638.62**	**652.89**	**667.51**
7	Distribution Losses			
(i)	MU	145.57	132.03	124.49
(ii)	%	39	35	33
8	**Total Energy Requirement (6+7(i))**	**784.19**	**784.92**	**792.00**
B	**ENERGY AVALABILITY**			
1	Net Hydel Generation (own)	4.05	6.13	9.95
2	Net Diesel Generation (own)	0.05	0.10	0.10
3	Power Purchase from			
	a) Central Stations	432.25	419.48	419.48
	b) PTC	34.71	34.71	34.71
	c)(WBSEDCL)	47.11	47.11	47.11
	d) SPDC	4.41	4.41	4.41
	e) Free Power	304.11	304.11	304.11
	f) Others - (UI)	10.49	10.49	10.49
4	**Net Power Purchase (a+b+c+d+e+f)**	**833.08**	**820.31**	**820.31**
5	Less: Pool Loss	53.00	41.62	38.36
6	Energy available at State Periphery	780.08	778.69	781.95
7	**Total Energy Availability**	**784.19**	**784.92**	**792.00**

Format- D2 (A)

Information regarding Distribution Loss and AT & C Loss of Licensee

Sl. No	Particulars	Calculation	Unit	2012-13 (Actuals)	2013-14 (R.E)	2014-15 (Projection)
1	Generation (own as well as any other connected generation net after deducting auxiliary consumption) within area of supply of DISCOM	A	MU	4.11	6.23	10.05
2	Input energy (metered Import) received at interface points of DISCOM network	B	MU	368.36	366.77	370.00
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	372.47	373.00	380.05
5	Energy billed to metered consumers within the licensed area of the DISCOM	E	MU	226.90	241.17	255.79
6	Energy billed to unmetered consumers within the licensed area of the DISCOM	F	MU	0.00	0.00	0.00
7	Total Energy Billed	G=E+F	MU	226.90	241.17	255.79
8	Amount billed to consumer within the licensed area of DISCOM	H	Rs.	89.49	102.54	108.74
9	Amount Realized by the DISCOM out of the amount Billed at HQ	I	Rs. Cr.	80.41	90.00	100.00
10	Collection efficiency (%) (=Revenue realized / Amount billed)	J=(I/H)X100	%	90	88	92
11	Energy realised by the DISCOM	K=JXG	MU	204	212	235
12	Distribuition Loss (%)	L={(D-G)/D}x100	%	39	35	33
13	AT&C Loss (%)	M={(D-K)/D}x100	%	45	43	38

Format- D3

ENTITLEMENT FROM CENTRAL GENERATING STATIONS AND ENERGY PURCHASED

FOR THE YEAR 2012-13

In (MU)

Sl. No.	Station	Capacity (MW)	Firm Allocation to		Gen. (MU)	PLF %	Aux. Cons.		Energy sent out	Firm Energy entitlement	Actual Utilised
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	122.32
	b)FSTPP-III	500	1.40%	7 MW	0.00	0.00	0.00	0.00	0.00	0.00	12.77
	c)KHSTPP-I	840	1.55%	13 MW	0.00	0.00	0.00	0.00	0.00	0.00	75.22
	d)KHSTPP-II	1500	0.33%	4.95 MW	0.00	0.00	0.00	0.00	0.00	0.00	30.41
	e)TSTPP	1000	2.40%	24 MW	0.00	0.00	0.00	0.00	0.00	0.00	160.91
2	**NHPC**										
	a) RANGIT-III	60	13.33%	8 MW	0.00	0.00	0.00	0.00	0.00	0.00	4.23
	b) TEESTA -V	510	13.19%	67 MW	0.00	0.00	0.00	0.00	0.00	0.00	26.38
3	**PTC**										
	a)CHUKHA	270	2.22%	6 MW	0.00	0.00	0.00	0.00	0.00	0.00	34.71
4	**Other sources**										
	a)WBSEDCL	50	20%	10 MW	0.00	0.00	0.00	0.00	0.00	0.00	47.11
	b) SPDC				0.00	0.00	0.00	0.00	0.00	0.00	4.41
	Total										**518.49**

Format- D3

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
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	122.32
	b)KHSTPP-I	840	1.55%	13 MW	0.00	0.00	0.00	0.00	0.00	0.00	75.22
	c)KHSTPP-II	1500	0.33%	4.95 MW	0.00	0.00	0.00	0.00	0.00	0.00	30.41
	d)TSTPP	1000	2.40%	24 MW	0.00	0.00	0.00	0.00	0.00	0.00	160.91
2	**NHPC**										
	a) RANGIT-III	60	13.33%	8 MW	0.00	0.00	0.00	0.00	0.00	0.00	4.23
	b) TEESTA -V	510	13.19%	67 MW	0.00	0.00	0.00	0.00	0.00	0.00	26.38
3	**PTC**										
	a)CHUKHA	270	2.22%	6 MW	0.00	0.00	0.00	0.00	0.00	0.00	34.71
4	**Other sources**										
	a)WBSEB	50	20%	10 MW	0.00	0.00	0.00	0.00	0.00	0.00	47.11
	b) SPDC				0.00	0.00	0.00	0.00	0.00	0.00	4.41
	Total										**505.71**

Format- D3

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
1	2	3	4	5	6	7	8	9	10	11	12
1	**NTPC**		%	MW							
	a)FSTPP	1600	1.63%	26 MW	0.00	0.00	0.00	0.00	0.00	0.00	122.32
	b)KHSTPP-I	840	1.55%	13 MW	0.00	0.00	0.00	0.00	0.00	0.00	75.22
	c)KHSTPP-II	1500	0.33%	4.95 MW	0.00	0.00	0.00	0.00	0.00	0.00	30.41
	d)TSTPP	1000	2.40%	24 MW	0.00	0.00	0.00	0.00	0.00	0.00	160.91
2	**NHPC**										
	a) RANGIT-III	60	13.33%	8 MW	0.00	0.00	0.00	0.00	0.00	0.00	4.23
	b) TEESTA -V	510	13.19%	67.269 MW	0.00	0.00	0.00	0.00	0.00	0.00	26.38
3	**PTC**										
	a)CHUKHA	270	2.22%	6 MW	0.00	0.00	0.00	0.00	0.00	0.00	34.71
4	**Other sources**										
	a)WBSEB	50	20%	10 MW	0.00	0.00	0.00	0.00	0.00	0.00	47.11
	b) SPDC				0.00	0.00	0.00	0.00	0.00	0.00	4.41
	Total										**505.71**

Format- D4

POWER PURCHASE COST
FOR THE YEAR-2012-13

(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	122.32	0.00	28.66	13.64	1.44	43.74	3.58
	b) FSTPP-III	12.77	0.00	3.79	2.88	-0.05	6.62	5.19
	c) KHSTPP-I	75.22	0.00	15.43	8.73	1.45	25.61	3.40
	d)KHSTPP-II	30.41	0.00	6.10	3.87	-0.05	9.92	3.26
	e)TSTPP	160.91	0.00	22.43	14.17	3.40	40.00	2.49
2	**NHPC**							
	a) RANGIT-III	4.23	0.00	0.59	0.69	1.20	2.48	5.86
	b)TEESTA -V	26.38	0.00	2.93	3.40	1.52	7.84	2.97
3	**Other sources**							
	a) PTC	34.71	0.00	0.00	0.00	5.79	5.79	1.67
	b)WBSEDCL	47.11	0.00	0.00	0.00	5.59	5.59	1.19
	c) SPDC	4.41	0.00	1.32	0.00	0.00	1.32	3.00
4	**Other Charges**							
	a) Transmission Charge	0.00	0.00	0.00	0.00	0.00	34.09	0.00
5	**UI Purchase**	10.49	0.00	0.00	0.00	0.00	3.03	2.89
	Free Power	304.11	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	-2.79	0.00
	Total	**833.08**		**81.25**	**47.37**	**20.30**	**183.25**	

Format- D4

POWER PURCHASE COST
FOR THE YEAR-2013-14

(Rs. in Crores)

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)
2	3	4	5	6	7	8	9
NTPC							
a) FSTPP	122.32	0.00	28.66	13.64	1.44	43.74	3.58
b) KHSTPP-I	75.22	0.00	15.43	8.73	1.45	25.61	3.40
c)KHSTPP-II	30.41	0.00	6.10	3.87	-0.05	9.92	3.26
d)TSTPP	160.91	0.00	22.43	14.17	3.40	40.00	2.49
NHPC							
a) RANGIT-III	4.23	0.00	0.59	0.69	1.20	2.48	5.86
b)TEESTA -V	26.38	0.00	2.93	3.40	1.52	7.84	2.97
Other sources							
a) PTC	34.71	0.00	0.00	0.00	5.79	5.79	1.67
b)WBSEDCL	47.11	0.00	0.00	0.00	5.59	5.59	1.19
c) SPDC	4.41	0.00	1.32	0.00	0.00	1.32	3.00
Other Charges							
a) Transmission Charge	0.00	0.00	0.00	0.00	0.00	34.11	0.00
UI Purchase	10.49	0.00	0.00	0.00	0.00	3.03	2.89
Free Power	304.11	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	-2.79	0.00
Total	**820.31**		**77.47**	**44.49**	**20.34**	**176.65**	

Format- D4

POWER PURCHASE COST
FOR THE YEAR-2014-15

(Rs. in Crores)

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)
2	3	4	5	6	7	8	9
NTPC							
a) FSTPP	122.32	0.00	28.66	13.64	1.44	43.74	3.58
b) KHSTPP-I	75.22	0.00	15.43	8.73	1.45	25.61	3.40
c)KHSTPP-II	30.41	0.00	6.10	3.87	-0.05	9.92	3.26
d)TSTPP	160.91	0.00	22.43	14.17	3.40	40.00	2.49
NHPC							
a) RANGIT-III	4.23	0.00	0.59	0.69	1.20	2.48	5.86
b)TEESTA -V	26.38	0.00	2.93	3.40	1.52	7.84	2.97
Other sources							
a) PTC	34.71	0.00	0.00	0.00	5.79	5.79	1.67
b)WBSEDCL	47.11	0.00	0.00	0.00	5.59	5.59	1.19
c) SPDC	4.41	0.00	1.32	0.00	0.00	1.32	3.00
Other Charges							
a) Transmission Charge	0.00	0.00	0.00	0.00	0.00	34.11	0.00
UI Purchase	10.49	0.00	0.00	0.00	0.00	3.03	2.89
Free Power	304.11	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	-2.79	0.00
Total	**820.31**		**77.47**	**44.49**	**20.34**	**176.65**	

Format- D5

NON TARIFF INCOME

(Rs. in crores)

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimted)	2014-15 (Projected)
1	**2**	**3**	**4**	**5**
1	Meter / Service Rent	0.56	0.31	0.27
2	Late Payment Surcharge	0.61	0.26	0.25
3	Theft / Pilferage of Energy Charges	0.02	0.02	0.02
4	Misc. Receipts	0.39	0.02	0.03
5	Misc. Charges	0.33	0.01	0.01
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**	**1.91**	**0.62**	**0.59**
13	Add Prior Period Income	0.00	0.00	0.00
14	**Total**	**1.91**	**0.62**	**0.59**

Format- D6

BAD AND DOUBTFUL DEBTS

FOR THE YEAR 2014-15

(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	

Format- D7

ANNUAL REVENUE REQUIREMENT

(Rs. in Crores)

Sl. No.	Item of expenditure	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	**2**	**3**	**4**	**5**
1	Cost of Fuel	0.17	0.16	0.34
2	Cost of Power Purchase	183.25	176.65	176.65
3	Employee Costs	42.72	45.15	47.89
4	R&M Expenses	32.30	33.93	34.98
5	Adm. & Gen. Expenses	2.82	3.46	3.51
6	Depreciation	28.64	33.99	40.04
7	Interest Charges	58.40	62.80	67.81
8	Interest on Working Capital	3.09	3.46	3.66
9	Return on Equity	25.42	29.67	34.48
10	Income Tax	0.00	0.00	0.00
11	**Total Revenue Requirement**	**376.82**	**389.27**	**409.37**
12	Less: Non Tariff Income	1.91	0.62	0.59
13	**Net Revenue Requirement (11-12)**	**374.91**	**388.64**	**408.78**
14	Revenue from Tariff	89.49	102.54	108.74
15	Revenue from Outside State Sale	119.69	119.69	119.69
16	Gap (13 - 14- 15)	165.73	166.42	180.35
17	Gap for FY 2012-13	-	165.73	-
18	Gap for FY 2013-14	-	0.00	332.14
19	**Total gap (16+17+18)**	165.73	332.14	512.49
20	Revenue Surplus Carried over	0.00	0.00	0.00
21	Additional revenue from proposed tariff	0.00	0.00	4.64
22	Regulatory Asset	0.00	0.00	0.00
23	**Energy Sales (MU)**	**226.90**	**241.17**	**255.79**

Format-1

EMPLOYEE COST

(Rs. in Crores)

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	2	3	4	5
	SALARIES & ALLOWANCES			
1	Basic Pay	41.85	44.23	46.93
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	0.81	0.86	0.89
7	Over Time Payment	0.00	0.00	0.00
8	Other Allowances (detailed list to be attached)			
a)	Spl. Border Compensatory Allowance	0.06	0.06	0.07
9	Generation Incentive	0.00	0.00	0.00
10	Bonus	0.00	0.00	0.00
11	**Sub-Total**	**42.72**	**45.15**	**47.89**
	Terminal Benefits			
12	Leave Encashment	0.00	0.00	0.00
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**	**0.00**	**0.00**	**0.00**
	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)**	**42.72**	**45.15**	**47.89**
24	Amount Capitalised	0.00	0.00	0.00
25	Net Amount	**42.72**	**45.15**	**47.89**
26	Add Prior Period Expenses	0.00	0.000	0.000
27	Grand Total	**42.72**	**45.15**	**47.89**

Format- 2

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

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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

Format- 2

TOTAL NUMBER OF EMPLOYEES (Adhoc)

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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

Format- 3

EMPLOYEES PRODUCTIVE PARAMETERS

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	2	3	4	5
1	Number of Consumers	92740.00	93429.00	94188.00
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	226.90	241.17	255.79
5	Employees per MU of energy sold	0.06	0.06	0.06
6	Employees per 1000 consumers	42.28	42.31	41.89
7	Share of Employees Cost in Total Expenses	42.72	45.15	47.89
8	Employees Cost in paise / kWh of Energy Sold	188.28	187.21	187.22
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

Format – 4

REPAIRS AND MAINTENANCE EXPENSES

(Rs. in Crores)

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	**2**	**3**	**4**	**5**
1	Plant & Machinery			
	-Plant and Apparatus	0.00	0.00	0.00
	-EHV Sub-stations	0.29	0.36	0.43
	- 33 kV Sub-stations	30.06	31.38	32.00
	- 11 kV Sub-stations			
	-Switch Gear and Cable Connections	0.00	0.00	0.00
	- Others	0.00	0.00	0.00
	-Diesel Power Stations	0.56	0.73	0.74
	Total	**30.91**	**32.47**	**33.17**
2	Building	0.00	0.00	0.00
3	Hydraulic Works & Civil Works	0.26	0.28	0.30
4	Line cable & Network			
	- EHV Lines	0.65	0.89	1.20
	-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	**0.65**	**0.89**	**1.20**
5	Vehicles	0.48	0.28	0.30
6	Furniture & Fixtures	0.00	0.01	0.01
7	Office Equipments	0.00	0.00	0.00
8	Operating Expenses	0.00	0.00	0.00
9	**Total**	**32.30**	**0.29**	**0.31**
10	Add / Deduct share of other (To be specified)	0.00	0.00	0.00
11	**Total Expenses**	**32.30**	**33.93**	**34.98**
12	Less Capitalized	0.00	0.00	0.00
13	**Net Expenses**	32.30	33.93	34.98
14	Add Prior Period	0.00	0.00	0.00
15	**Total Expenses Charged to Revenue as R&M Expenses**	**32.30**	**33.93**	**34.98**

Format – 5

ADMINISTRATION AND GENERAL EXPENSES

(Rs. in Crores)

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (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	0.08	0.12	0.13
4	Consultancy Fees	0.00	0.00	0.00
5	Technical Fees	2.00	2.00	2.00
6	Other Professional Charges	0.00	0.00	0.00
7	Conveyance & Travel Expenses	0.53	0.67	0.69
8	Electricity & Water Charges	0.12	0.14	0.15
9	Others	0.08	0.52	0.53
10	Freight	0.00	0.00	0.00
11	Other Material related Expenses	0.00	0.00	0.00
12	**Total Expenses**	**2.82**	**3.46**	**3.51**
13	Less Capitalised	0.00	0.00	0.00
14	**Net expenses**	**2.82**	**3.46**	**3.51**
15	Add Prior period	0.00	0.00	0.00
16	**Total Expenses Charged to Revenue**	**2.82**	**3.46**	**3.51**

Format- 6

VALUE ASSETS AND DEPRECIATION 2012-13

(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	457.10	98.47	0.00	555.57	5.28	25.32
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		**555.94**	**98.47**	**0.00**	**654.41**		**28.64**

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 year	Rate of Depreciation (%)	Depreciation charges for the year
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	Plant & Machinery	555.57	103.97969	0.00	659.55	5.28	30.66
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**	**103.98**	**0.00**	**758.39**		**33.99**

Format- 6

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 end of the year	Rate of Depreciation (%)	Depreciation charges for the year
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
1	Plant & Machinery	659.55	125.28	0.00	784.83	5.28	36.71
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		**758.39**	**125.28**	**0.00**	**883.68**		**40.04**

Format- 7

DETAILS OF LOANS FOR THE YEAR 2012-13

(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
17	**Net Interest**						**0.00**
18	Add prior period						0.00
19	**Total Interest**						**0.00**
20	Finance charges						0.00
21	**Total Interest and finance charges**						**0.00**

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	20.42	0.00	0.00	0.00	20.42	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**	**20.42**		**0.00**	**0.00**	**20.42**	**0.00**
14	Add State Govt. Loan	0.00		0.00	0.00	0.00	0.00
15	**Total (13 +14)**	**20.42**		**0.00**	**0.00**	**20.42**	**0.00**
16	Less Capitalisation						0.00
17	**Net Interest**						**0.00**
18	Add prior period						0.00
19	**Total Interest**						**0.00**
20	Finance charges						0.00
21	**Total Interest and finance charges**						**0.00**

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	20.42	0.00	0.00	0.00	20.42	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**	**20.42**		**0.00**	**0.00**	**20.42**	**0.00**
14	Add State Govt. Loan	0.00		0.00	0.00	0.00	0.00
15	**Total (13 +14)**	**20.42**		**0.00**	**0.00**	**20.42**	**0.00**
16	Less Capitalisation	0.00					0.00
17	**Net Interest**	**20.42**					**0.00**
18	Add prior period	0.00					0.00
19	**Total Interest**	**20.42**					**0.00**
20	Finance charges	0.00					0.00
21	**Total Interest and finance charges**	**20.42**					**0.00**

Format- 8

INTEREST CAPITALISED

(Rs. in Crores)

Sl. No.	Interest Capitalized	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	**2**	**3**	**4**	**5**
1	WIP	63.30	66.84	80.54
2	GFA at the end of the year	654.41	758.39	883.68
3	WIP+GFA at the end of the year	717.72	825.24	964.22
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 2014-15

(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							

Format- 10

INFORMATION REGARDING REVENUE FROM OTHER BUSINESS FOR THE YEAR 2014-15

(Rs. In Crores)

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

Format- 11

INFORMATION REGARDING WORKING CAPITAL FOR THE CURRENT & ENSUING YEAR

(Rs. In Crores)

Sl. No.	Particulars	2013-14	2014-15
1	**2**	**3**	**4**
1	One month Employees Cost	3.76	3.99
2	One month Administration & General Expenses	0.29	0.29
3	One month R&M Cost	2.83	2.92
4	Maintenance Spares	0.00	0.00
5	Two Months Receivables	17.09	18.12
6	**Total**	**23.97**	**25.32**
7	**Interest on Working Capital @ 14.45%**	**3.46**	**3.66**

Format- 12

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)

(TO BE SUPPLIED WITH DOCUMENTARY EVIDENCE)

(Rs. in Crores)

Sl. No.	Period	WPI	Increase Over Previous Year
1	**2**	**3**	**4**
1	As on April 1 of 2012-13	163.50	11.40
2	As on April 1 of 2013-14	171.30	7.80
3	As on April 1 of 2014-15	0.00	0.00

Format- 14 (A)

A. ESTIMATED REVENUE AT EXISTING TARIFF (LT) 2014-15

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 (DLT)**									
					Up to 50 units	36.05	110.00	3.97		
					51 to 100 units	26.47	225.00	5.96		
					101-200 units	9.20	345.00	3.17		
					201 to 400 units	7.78	415.00	3.23		
					401 & above	3.52	440.00	1.55		
	Total					**83.01**			**17.87**	**2.15**
2	**Commercial (CLT)**									
					Up to 50 units	5.43	315.00	1.71		
					51 to 200 units	17.06	490.00	8.36		
					201 to 400 units	13.52	515.00	6.96		
					401 & above	6.68	540.00	3.61		
	Total					**42.70**			**20.64**	**4.83**
3	**Public lighting**									
					Rural Areas	0.12	250.00	0.03		
					Urban Areas	0.37	460.00	0.17		
	Total					**0.49**			**0.20**	**4.08**
4	**Temporary**					0.085			**0.512**	**60.19**

Format- 14 (A)

A. ESTIMATED REVENUE AT EXISTING TARIFF (LT) 2014-15

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	0.12		
					501 - 1000 units	0.11	420.00	0.05		
					1001 & above	0.00	545.00	0.00		
	Total								**0.17**	
5 b)	**Industrial LT (Urban)**									
					Up to 500 units	0.43	480.00	0.21		
					501 - 1000 units	0.20	550.00	0.11		
					1001 & above	0.00	620.00	0.00		
	Total								**0.31**	
	Industrial LT Total					**1.24**			**0.48**	**3.87**
6	**Bulk supply**									
	LT					**5.05**	540.00	2.73	**2.73**	**5.40**
7	**Supply to Army Pensioners**									
					Upto 100 units	0.63	225.00	**0.14**		
					101 & above	0.11	345.00	**0.04**		
	Total					0.74			0.18	2.42

Format- 14 (A)

A. ESTIMATED REVENUE AT EXISTING TARIFF (LT) 2014-15

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)
8	**Supply to Blind**									
					Upto 100 units	0.01	225.00	0.00		
					101 & above	0.00	345.00	0.00		
	Total					**0.01**			**0.00**	**2.78**
9	**Supply to Places of Worship**									
					Having 3 light points					
					up to 100 units	0.37	225.00	0.08		
					101 & above	0.218160	345.000	0.08		
					Having 4 to 6 light points					
					upto 150 units	0.0067	345.00	0.00		
					151 & above	0.00000				
					Having 7 to 12 light points					
					upto 300 units	0.02	415.00	0.01		
					301 & above	0.000000				
					Having 13 & more light points					
					upto 500 units	0.01	440.00	0.00		
					501 & above	0.00				
	Total					**0.6191**			**0.1716**	**2.77**
	Total (LT)								**42.79**	

Format- 14 (B)

A. ESTIMATED REVENUE AT EXISTING TARIFF (HT) 2014-15

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)
10	**Industrial HT**									
	HT (AC) above 3.3 KV									
	Upto 100 KVA	65895.90		38.26	150.00	300.00	11.86	11.48	23.34	
	100 - 250 KVA	1175.00		26.25	200.00	348.00	0.28	9.14	9.42	
	250 KVA - 500 KVA	13721.37		22.53	230.00	396.00	3.79	8.92	12.71	
	500 KVA & above	8412.64		23.63	450	410.00	4.54	9.69	14.23	
	Total			**110.67**					**59.70**	
11	**Bulk supply**									
	HT			11.18		560.00		6.26	**6.26**	
12	**Total (HT)**								**65.96**	
13	**Total (LT)**								**42.79**	
14	**Total (LT+HT)**								**108.74**	

Format- 14 (c)

B. ESTIMATED REVENUE AT EXISTING TARIFF 2014-15

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)**							

Format- 14 (d)

C. ESTIMATED REVENUE AT EXISTING TARIFF 2014-15

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**							

Format – 15

INVESTMENT PLAN (Scheme - Wise)

(Rs. in Crores)

Sl. No.	Name of Scheme/ Project	Approved Outlay	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)	Progressive Expenditure upto Ensuing Year
1	**2**	**3**	**4**	**5**	**6**	**7**
1	Schemes sanctioned under MDs	13.37	2.76	2.00	2.00	
2	Schemes sanctioned under Building/ upgradation of Transformers	0.00	0.00	0.00	0.00	
3	MNRE	14.95	0.01	4.09	4.09	
4	State Share of MNRE	4.06	0.00	0.20	0.20	
5	NEC Schemes	42.20	5.34	11.60	4.74	
6	State Share of NEC Schemes	4.74	0.00	1.00	1.00	
7	NLCPR Schemes	137.80	22.08	18.61	51.18	
8	State Share of NLCPR Schemes	41.76	2.00	1.00	2.00	
9	Schemes under SPA	5.25	1.00	3.16	0.00	
10	State share of SPA	0.96	0.36	0.10	0.40	
11	RGGVY	196.54	17.60	37.73	24.00	
12	State Share of RGGVY	25.55	5.00	1.00	10.00	
13	R-APDRP	74.60	12.09	24.00	32.37	
14	State share of R-APDRP	12.90	0.00	1.00	5.00	
15	Schemes under TSP/SCSP	0.00	1.01	1.03	1.00	
16	Land compensation	0.00	2.69	1.00	1.00	
17	Schemes under CMs 42 days tour prog.	0.00	0.50	0.00	0.00	
18	Others	0.00	0.00	0.00	0.00	
	Total		**72.44**	**107.52**	**138.98**	

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	2012-13	0.00	190.61	0.00	0.00	72.44
2	2013-14	91.91	91.91	0.00	0.00	0.00
3	2014-15	138.98	0.00	0.00	0.00	0.00

Format- 17

WORKS-IN-PROGRESS

(Rs. in Crores)

Sl. No.	Particulars	2012-13 (Actuals)	2013-14 (Estimated)	2014-15 (Projected)
1	**2**	**3**	**4**	**5**
1	Opening Balance	89.34	63.30	66.84
2	Add: New Investments	72.44	107.52	138.98
3	**Total**	**161.78**	**170.82**	**205.82**
4	Less Investment Capitalised	98.47	103.98	125.28
5	**Closing Balance**	**63.30**	**66.84**	**80.54**