



GOVERNMENT OF ARUNACHAL PRADESH
OFFICE OF THE CHIEF ENGINEER (P) : EASTERN ELECT. ZONE
DEPTT. OF POWER, VIDYUT BHAWAN, ITANAGAR – 791 111



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NO.CE(P)/EEZ/SP&C/RES. ASSESSMENT/08-09/

Dated Itanagar the Jan. 09

To

Shri Alexander Jacob,
Dy. Advisor (Power),
Planning Commissioning,
Yojana Bhawan, Govt. of India,
New Delhi.
Jacob_pc@nic.in

**Sub:- Assessment of Financial Resources for 2009 – 10 – State Electricity Boards /
Electricity Departments.**

Ref:- No.I-10(11)/1/2009-P&E dated 29.10.08.

Sir,

In response to your letters under reference please find enclosed herewith the details Assessment of Financial Resources for 2009 – 10 as per proforma supplied duly filled in for your information and necessary action from your end.

Yours faithfully,

Encl:- As stated above.

Chief Engineer (Power),
Eastern Electrical Zone, DoP,
Vidyut Bhawan, Itanagar.

NO.CE(P)/EEZ/SP&C/RES. ASSESSMENT/08-09/
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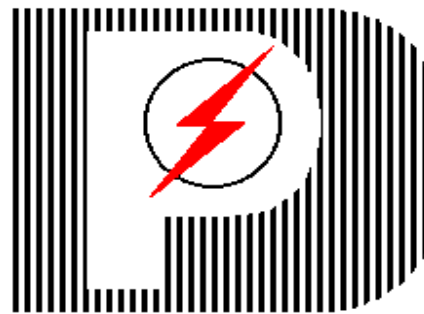
3844-47
Dated Itanagar the 9 Jan. 09.

1. The Secretary (Power), Govt. of Arunachal Pradesh, Itanagar for information.
2. The Commissioner (Planning), Govt. of Arunachal Pradesh, Itanagar for information.
3. The Commissioner (Finance), Govt. of Arunachal Pradesh, Itanagar for information.

Chief Engineer (Power),
Eastern Electrical Zone, DoP,
o/c Vidyut Bhawan, Itanagar.

RESOURCE ASSESSMENT

2009 - 10



DEPARTMENT OF POWER

ARUNACHAL PRADESH

Resources Discussions - Annual Plan 2009 - 10

Summary Statement

Name of the SEB / ED :-

Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
1	Installed Capacity (MW) at the end of the year (Details in Proforma - 3)						
i)	Hydel	32.66	32.66	33.72	45.00	45.00	50.00
ii)	Stream						
iii)	Gas						
iv)	Diesel	25.00	24.00	25.00	18.00	18.00	15.00
v)	Others (wind etc.)						
	Total of 1:-	57.66	56.66	58.72	63.00	63.00	65.00
2	Gross Generation inclusive of auxiliary consumption (MKwh) (Details in Proforma - 3)						
i)	Hydel	43.94	65.00	52.21	80.00	80.00	90.00
ii)	Stream						
iii)	Gas						
iv)	Diesel	8.13	7.00	4.89	3.70	3.70	2.08
v)	Others (free power)	205.00	200.00	181.52	500.00	500.00	500.00
	Total of 2:-	257.07	272.00	238.62	583.70	583.70	592.08
3	Overall Plant availability for Board (Thermal %)						

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
4	Overall PLF of Board (Thermal) (%)						
5	Auxiliary consumption (MKwh) with % in brackets below	0.96	1.03	0.44	0.70	0.705	0.709
i)	Hydel	0.37%	0.38%	0.18%	0.12%	0.12%	0.12%
ii)	Steam						
iii)	Gas						
iv)	Diesel						
v)	Other (wind etc.)						
	Total of 5 :-						
6	Net Generation (2 - 5) (MKwh)	256.11	270.97	238.18	583.00	583.00	591.37
7	Total Power Purchased (MKwh)	470.00	369.63	448.22	875.00	481.00	460.00
i)	Purchase from Central Sector (Free)						
ii)	Purchase from IPPs/Private Sector						
iii)	Purchase from State Utility						
iv)	Purchase from others						
8	Total Energy availability (6 + 7) (Mkwh)	726.11	640.60	686.40	1458.00	1064.00	1051.37
9	T & D Losses (Mkwh)						
i)	Transmission Losses	43.00	46.00	55.00	75.00	70.00	60.00

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
ii)	Distribution Losses	315.26	226.10	244.71	894.00	440.55	351.25
	Total (i) and (ii) :-	358.26	272.10	299.71	969.00	510.55	411.25
10	% of T & D Losses (9 as of 8)	49.34%	42.48%	43.66%	66.46%	47.98%	39.12%
11	Energy available for sale (Details in Proforma - 4 (MKwh)	367.85	368.50	386.69	489.00	553.45	640.12
i)	Within State (tally with proforma - 4)	130.02	138.50	169.73	289.00	303.45	318.62
ii)	Outside State						
iii)	Energy Sale through Trading / UI	237.83	230.00	216.96	200.00	250.00	321.50
	Total (i), (ii) and (iii) :-	367.85	368.50	386.69	489.00	553.45	640.12
12	Average rate for Sale (Paise/KWh)						
i)	Within State	182	203	276	287	287	316
ii)	Outside State						
iii)	Energy Sale through Trading / UI	210	225	270	300	375	468.75
13	Revenue Receipts (Rs. Crore)						
a	Revenue from Sale						
i)	Within State	23.63	28.14	48.34	82.80	86.94	95.85135
ii)	Outside State						

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
	iii) Trading / UI	49.94	51.75	58.58	60.00	60.00	70.00
	Sub Total of (i), (ii) & (iii) :-	73.58	79.89	106.92	142.80	146.94	165.85
b	Misc. receipts	0.20	0.15	0.20	0.25	0.25	0.30
c	Subsidy as determined by SERC						
	i) Subsidy for Domestic Consumers						
	ii) Subsidy for Agriculture Consumers						
	iii) Other Subsidy if any						
	Sub Total of (i), (ii) & (iii) :-						
	Total of - 13 :-	73.78	80.04	107.12	143.05	147.19	166.15
14	Revenue Expenditure (Rs. Crore)						
	i) Fuel (Details in Proforma - 5)	9.00	9.60	8.05	7.95	3.41	2.69
	ii) Power Purchased (Details in Proforma - 8)	108.10	62.84	100.00	100.00	96.20	92.00
	iii) O & M Expenses (Details in Proforma - 7)	26.79	29.00	15.00	25.00	28.30	32.00
	iv) Others	39.16	40.25	48.65	51.75	50.37	54.95
	Total of 14 :-	183.05	141.69	171.70	184.70	178.28	181.64
15	Gross operating Surplus / Deficit (13 - 14)	-109.27	-61.65	-64.58	-41.65	-31.09	-15.49
16	Depreciation due (Rs. Crore)						
17	Gross operating Surplus after depreciation (15 - 16)	-109.27	-61.65	-64.58	-41.65	-31.09	-15.49

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
18	Interest payable to Industrial Creditors (Rs. Cr.)						
	i) On Market Loans						
	ii) On LIC Loans						
	iii) On REC Loans	} 21.00	22.00	18.00	17.80	17.00	16.90
	iv) On PFC Loans						
	v) Other Loans						
	Total of 18 :-	21.00	22.00	18.00	17.80	17.00	16.90
19	Net operating Surplus / Deficit after interest to Institutions. Creditors (17 - 18)	-130.27	-83.65	-82.58	-59.45	-48.09	-32.39
20	Interest due to State Govt. (Rs. Crore)						
21	Commercial Profit (+) / Loss (-) (19 - 20)	-130.27	-83.65	-82.58	-59.45	-48.09	-32.39
22	Commercial Profit (+) / Loss (-) without subsidy (21 - 13(c))						
23	Interest actually paid to State Govt.						
24	Retained Surplus (+) / Deficit (-) (19 - 23)	-130.27	-83.65	-82.58	-59.45	-48.09	-32.39

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
25	Internal resources (Rs. Crore)						
i)	Retained Revenue Surplus / Deficit	-130.27	-83.65	-82.58	-59.45	-48.09	-32.39
ii)	Depreciation						
iii)	Debts, Deposits & Others Receipts (Net)						
iv)	Provident fund / Pension fund (Net)						
v)	Consumers Contribution						
vi)	Subvention from Govt.						
vii)	Draw-down of inventory						
viii)	Drawdown of cash balances						
ix)	Other, if any						
	Gross Internal Resources at current rates of Tariff (24)	-130.27	-83.65	-82.58	-59.45	-48.09	-32.39
26	Repayment of Loans (excluding Repayment of market borrowings)						
	ii) To LIC	The state govt repays the loan directly under the state budget and no repayment is made from the revenue head.					
	iii) To REC						
	iii) To PFC						
	iv) To State Govt. if any						
	v) Others						
	Total of 26 :-						
27	Net Internal Resources at Current Rate / Tariff (24 - 25)	-130.27	-83.65	-82.58	-59.45	-48.09	-32.39

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
28	i) Net fixed assets in services at the beginning of the year (Rs. Crore) (Proforma - 8)	1098.00	1106.00	1112.00	1112.00	1112.00	1150.00
	ii) Cumulative depreciation at the beginning of the year (Rs. Crore)	36.00	38.00	40.00	40.00	40.00	45.00
	iii) Cumulative depreciation at the end of the year (Rs. Crore)	38.00	40.00	60.00	60.00	40.00	45.00
	iv) Breakup of interest due to State Govt. & Instt. Creditors at end of the year on account of						
	a Works in progress						
	b Completed works						
	Total of (a + b)						
	v) viii) State Electricity duty (SEB)						
	vi) State Electricity duty (paise/unit) released from consumers who pay such duty						
	vii) State duty per unit of the Total sales (Paise)						
	viii) No. of employees of the Board at the end of the year	8883	8800	8948	8850	8750	8700
	a Technical Staff						
	b Non - Technical Staff						
	ix) No. of employees per million Kwh Sold	24.15	23.88	23.14	18.10	15.81	13.59
	x) No. of consumers at the end of the year	123859	134131	145310	146161	182699	228372
	xi) No. of employees per 1000 consumers	71.72	65.61	61.58	60.55	47.89	38.10
	xii) a) Subsidy as claimed by SEB at the end of the year (Rs. Crore)						
	b) Subsidy received by SEB at the end of the year (Rs. Crore)						

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
	c) Balance due (Rs. Crore)						
xiii)	a) Taxes levied by the State Govt. on the consumers in addition to the tariff (Rs. Crore)						
	b) Tax levied per unit of energy sold (Paise/unit)						
xiv)	Wage Bill						
	c) For Technical Staff	37.12	42.00	41.00	42.00	40.82	45.00
	d) For General Staff						
xv)	Outstanding interest due to State Govt. at the end of the year						
xvi)	Equity capital, if any						
xvii)	a) Date of Tariff revision (indicate the date in each year)						
	b) Tariff award by SERC Yes / No						
	(Category wise tariff details as per tariff award to be given in Proforma - X)						
xviii)	Revenue arrears at the end of the year (Rs. Cr.)	35.00	32.00	35.00	38.00	37.00	38.00
a	Amount realisable (excluding Bad Debt)						
b	As % of sales revenue of the year	47%	40%	33%	27%	25%	23%
c	Arrears of the Central Govt. / State Govt. Offices / Undertaking						
d	Arrears from bulk consumers / other consumers						
e	Arrears under dispute in the courts						
xix	Tax on Income, if any						
xx	Loan outstanding at the end of the year (Rs. Cr.)						
a	State Govt.						

Name of the SEB / ED :-							
Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
b	Market Loan						
c	LIC Loan						
d	REC Loan						
e	PFC Loan						
f	Other Loans	80.67	60.67	60.00	55.00	55.00	55.00
xxi)	Inventory on Revenue (Maintenance) Account at the end of the year						
a	Coal						
b	Oil						
c	Others						
d	Total (Rs. Crore)						
e	% of inventory to sales revenue of the year						

Resources Discussions - Annual Plan 2009 - 10

Financing of Capital Expenditure

Name of the SEB / ED :-

Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	ANL. Plan
1	2	3	4	5	6	7	8
1	Block Capital (Rs. Crore)						
a	Capital Employed at the beginning of the year						
i)	On completed works						
ii)	On works in progress						
b	Capital Employed during the year						
i)	On completed works	77.96	65.35	131.01	135.00	135.00	140.00
ii)	On works in progress						
	Total of (a) & (b) :-	77.96	65.35	131.01	135.00	135.00	140.00
2	Financing of Capital Expenditure						
a	State Govt. Grants (APDRP / RGGVY etc.)						
b	i) State Govt. Loans (Gross)						
	ii) Repayment, if any						
	Net Loans						
c	i) Market borrowings (Gross)						
	ii) Repayment, if any						
	iii) Net Loans (i - ii)						
d	i) Borrowings from LIC (Gross)						
	ii) Repayment, if any						

	Net Loans (i - ii)						
e	i) Borrowings from REC (Gross)	2.09	13.00	9.50	12.00	12.00	3.00
	ii) Repayment, if any	15.00	15.20	17.00	16.50	16.50	4.00
	Net Loans (i - ii)	-12.91	-2.20	-7.50	-4.50	-4.50	-1.00
f	i) Borrowing from PFC (Gross)						
	ii) Repayment, if any						
	Net Loans (i - ii)						
g	i) Borrowing from other (Gross) NABARD	0.03	0.10				
	ii) Repayment, if any						
	Net Loans (i - ii)						
3	Total capital receipts for Financing the Capital Expenditure	15.00	15.00	131.01	135.00	135.00	140.00
4	Internal Resources (after providing for repayment of loan)	82.34	70.11				
5	Total resources for Capital Expenditure (3 + 4)	97.34	85.11	131.01	135.00	135.00	140.00
6	Capital Expenditure						
i)	Plan	88.29	65.35	131.01	135.00	135.00	156.00
ii)	Outside Plan			20.00	150.00	150.00	200
	Total (I + ii) :-	88.29	65.35	151.01	285.00	285.00	356.00
7	Capital structure						
i)	Equity Portion						
ii)	Loan portion						
iii)	Debt equity ratio before conversion of loan to equity						

iv)	Loan converted into equity						
v)	Debt equity ratio after conversion						
8	Equity diluted in the year						
9	Share held by the State Govt. after dilution						

Resources Discussions - Annual Plan 2009 - 10

Performance on Generating Station

Name of the SEB / ED :-		Arunachal Pradesh									
Sl. No.	Item	2005 - 06					2006 - 07				
		Inst. Cap. (MW)	Energy Generation (MKwh)	Cost of Gen. (Rs./Kwh)	Plant Availability %	Plant Load Factor (5)	Inst. Cap. (MW)	Energy Generation (MKwh)	Cost of Gen. (Rs./Kwh)	Plant Availability %	Plant Load Factor (5)
1	2	3	4	5	6	7	8	9	10	11	12
1	Hydel	32.66	43.94		75%	18.00%	32.66	65.00		65%	19.13%
2	Diesel	25.00	8.13		75%	20.82%	24.00	7.00		75%	19.20%
3	Others / Inputs / UI		205.00					200.00			
	Total :-		257.07					272.00			

Resources Discussions - Annual Plan 2009 - 10

Performance on Generating Station

Name of the SEB / ED :-

Arunachal Pradesh

Sl. No.	Item	2007 - 08					2008 - 09 BE				
		Inst. Cap. (MW)	Energy Generation (MKwh)	Cost of Gen. (Rs./Kwh)	Plant Availability %	Plant Load Factor (5)	Inst. Cap. (MW)	Energy Generation (MKwh)	Cost of Gen. (Rs./Kwh)	Plant Availability %	Plant Load Factor (5)
1	2	13	14	15	16	17	18	19	20	21	22
1	Hydel	33.72	52.21		50%	17.00%	45.00	80.00		50%	17.00%
2	Diesel	25.00	4.89		60%	25.00%	18.00	3.70		40%	25.00%
3	Others / Inputs / UI		181.52					500.00			
	Total :-		238.62					583.70			

Resources Discussions - Annual Plan 2009 - 10

Performance on Generating Station

Name of the SEB / ED :-

Arunachal Pradesh

Sl. No.	Item	2008 - 09 RE					2009 - 10				
		Inst. Cap. (MW)	Energy Generation (MKwh)	Cost of Gen. (Rs./Kwh)	Plant Availability %	Plant Load Factor (5)	Inst. Cap. (MW)	Energy Generation (MKwh)	Cost of Gen. (Rs./Kwh)	Plant Availability %	Plant Load Factor (5)
1	2	23	24	25	26	27	28	29	30	31	32
1	Hydel	45.00	80.00		50%	17.00%	50	90		50%	17%
2	Diesel	18.00	3.70		40%	25.00%	15	2.08		40%	2%
3	Others / Inputs / UI		500.00					500			
	Total :-		583.70					592.08			

Resources Discussions - Annual Plan 2009 - 10

Category - wise Energy Sale / Average Rate per Unit and Revenue

(including fuel surcharge recovery but excluding state electricity duty)

Name of the SEB / ED :- Arunachal Pradesh

Sl. No.	Category of Consumers	2008 - 09 (BE)				2008 - 09 RE				2009 - 10			
		Energy Sold	Aver. Rate	Rev.	No. of Con.	Energy Sold	Aver. Rate	Rev.	No. of Con.	Energy Sold	Aver. Rate	Rev.	No. of Con.
1	2	15	16	17	18	19	20	21	22	23	24	25	26
1	Domestic	97.00	280	27.16	112965	101.85	280	28.52	141206	106.94	294	31.44	176507
2	Agriculture												
3	a) Industry LT	45.00	330	14.85	17985	47.25	330	15.59	22481	49.61	346.5	17.19	28101
	b) Industry HT	89.00	250	22.25		93.45	250	23.36		98.12	262.5	25.76	
4	Bulk		305		750		305		937		320.25		1171
5	Commercial	29.00	330	9.57	12400	30.45	330	10.05	15500	31.97	346.5	11.08	19375
6	Public Lighting	17.00	330	5.61	1966	17.85	330	5.89	2457	18.74	346.5	6.49	3071
7	Public Water Works	12.00	280	3.36	94	12.60	280	3.53	117	13.23	294	3.89	146
8	Others												
	Total (1 to 8) :-	289.00	287	82.8	146160	303.45	287	86.94	182698	318.62	315.75	95.85	228371
9	Outside the State	200.00	300	60.00	1	250.00	375.00	60.00	1	321.5	468.75	70	1
10	Grand Total :-	489.00	292	142.80	146161	553.45	661.51	146.94	182699	640.12	784.50	165.85	228372
	* Note :- Number of consum												
	* Please also indicate % of t												

Resources Discussions - Annual Plan 2009 - 10

Expenditure on Fuel (Coal / Lignite / Diesel)

Name of the SEB / ED :-		Arunachal Pradesh												
Sl. No.	Name of the Thermal Station	Energy Gen. MKwh	Consumption Coal		Consumption Oil		Cost (Rs.)		Total Fuel Cost			Cost / Kwh		
			Total	KG/Kwh	Total	ml/MKwh	Coal	Oil	Coal	Oil	Total	Coal	Oil	Total
			(000) MT		Kilo Litre		(Per MT)	(Per KL)	(Rs. Crore)			(Paise)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
For the Year 2005 - 06														
1	Diesel	9.00			3000			30000		9.00	9.00			
For the Year 2006 - 07														
2	Diesel	9.00			3000			32000		9.60	9.60			
For the Year 2007 - 08														
3	Diesel	8.00			2300			35000		8.05	8.05			
For the Year 2008 - 09 BE														
4	Diesel	7.00			2150			36500		7.95	7.95			
For the Year 2008- 09 RE														
5	Diesel	2.787			850			40150		3.41	3.41			
For the Year 2009 - 10														
6	Diesel	2.08			638.83			42157		2.69	2.69			
Total / Overall Average														
MT = Metric Tonne, ml = Milli Litres, KL = Kilo Litres														

Resources Discussions - Annual Plan 2009 - 10

Expenditure on Fuel (Gas)

Name of the SEB / ED :-

Arunachal Pradesh

Sl. No.	Name of the Thermal Station	Energy Generation MKwh	Consumption Gas		Cost (Rs.)	Total Fuel Cost (Rs. Crore)	Cost / Kwh (Paise/Kwh)
			Total	(Lit/Kwh)	Disel (Per Lit)		
1	2	3	4	5	6	7	8
	For the Year 2005 - 06						
	For the Year 2006 - 07						
	For the Year 2007 - 08						
	For the Year 2008 - 09 BE						
	For the Year 2008 - 09 RE						
	For the Year 2009 - 10						
	Total / Overall Average						
	Cu.M = Cubic Meter						

Resources Discussions - Annual Plan 2009 - 10

Revenue Expenditure - Operating and Maintenance / Establishment and Administrative Charges

Name of the SEB / ED :-

Sl. No.	Component of Expenditure	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
					BE	RE	
I	Operating and Maintenance						
1	Base level expenditure of the previous year	24.79	27.00	12.00	20.00	23.30	25
2	Normal Annual Increase						
3	Increase due to commissioning of new units / lines (to be specified)	2.00	2.00	3.00	5.00	5.00	7
4	Other items						
5	Total (Rs. Crore) :-	26.79	29.00	15.00	25.00	28.30	32.00
6	Cost per unit of sale (Paise / Kwh sold)	72.83	78.70	38.79	51.12	51.13	49.99
II	Establishment & Administrative Charges						
1	Base level expenditure of the previous year	36.91	38.75	46.00	49.00	47.62	52.10
2	Normal Annual Increase						
3	Increase due to commissioning of new units / lines (to be specified)	2.25	1.50	2.65	2.75	2.75	2.85
4	Increase due to DA / Pay revision						
5	Other items						
6	Total (Rs. Crore) :-	39.16	40.25	48.65	51.75	50.37	54.95
7	Cost per unit of sale (Paise / Kwh sold)	106	109	126	106	91.01	85.84

Resources Discussions - Annual Plan 2009 - 10

Rate of Return on net fixed Assets

Name of the SEB / ED :-

Sl. No.	Item	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 - 10
		A	A	A	BE	RE	Annual Plan
1	2	3	4	5	6	7	8
A	Income						
1	Revenue receipts from Electricity Sales	73.58	79.89	106.92	142.80	146.94	165.85
2	Misc. Revenue	0.20	0.15	0.20	0.25	0.25	0.30
3	Subsidy (Agriculture Consumers)						
4	Other Subsidy, if any						
	Total of A :-	73.78	80.04	107.12	143.05	147.19	166.15
B	Expenses						
1	Fuel (Diesel) (Proforma - 5A)	9.00	9.60	8.05	7.95	3.41	2.69
2	Purchase of Power (Proforma - 6)	108.10	62.84	100.00	100.00	96.20	92.00
3	Operation and Maintenance	26.79	29.00	15.00	25.00	28.30	32.00
4	Establishment Expenditure	39.16	40.25	48.65	51.75	50.37	54.95
5	Depreciation						
6	Other Misc. Expenditure						
	Total of B:-	183.05	141.69	171.70	184.70	178.28	181.64
C	Operating Income (A - B)	-109.27	-61.65	-64.58	-41.65	-31.09	-15.49
D	Interest Due	21.00	22.00	18.00	17.80	17.00	16.90
	a) To financial Institute						

	b) To State Govt.						
	Total of D :-	21.00	22.00	18.00	17.80	17.00	16.90
E	Net Surplus / Deficit (C - D)	-130.27	-83.65	-82.58	-59.45	-48.09	-32.39
F	Value of net fixed assets employed at the beginning of the year	1098.00	1106.00	1112.00	1112.00	1112.00	1150.00
G	Rate of return %	40%	56%	62%	77%	83%	91%
H	Increase in average tariff Required (Paise/Kwh) to obtain						
	a) % ROR	49.76%	38.45%	44.40%	37.77%	32.21%	28.38%
	b) 3 % ROR	51.25%	39.60%	45.73%	38.90%	33.18%	29.23%

Resources Discussions - Annual Plan 2009 - 10

Outstanding dues to the Central Undertaking and Others

Sl. No.	Name of the Undertakings	Dues upto 31.03.2006	Dues from 01.04.06 to 31.03.07	Outstanding dues as on (or which ever is the latest figures available)
1	2	3	4	5
1	Central Undertakings			
i)	NHPC			NIL
ii)	NEEPCO			NIL
iii)	PGCIL			NIL
	Sub Total of 1 :-			
2	Others			
3	Total of (1 + 2)			

Resources Discussions - Annual Plan 2009 - 10

Electricity Consumption*

Name of the SEB / ED :-

Sl. No.	Item	2005 - 06		2006 - 07		2007 - 08		2008 - 09 (RE)		2009 - 10	
		#Rate (Paise / Kwh)	Unit (MU)	#Rate (Paise / Kwh)	Unit (MU)	#Rate (Paise / Kwh)	Unit (MU)	#Rate (Paise / Kwh)	Unit (MU)	#Rate (Paise / Kwh)	Unit (MU)
1	2	3	4	5	6	7	8	9	10	11	12
1	Domestic	175	43.36	200	48.00	265	47.75	280	101.85	294	106.94
2	Agriculture						19.92				
3	a) Industry LT	200	11.11	225	12.00	315	22.13	330	47.25	346.5	49.61
	b) Industry HT					240	55.00	250	93.45	262.5	98.12
4	Bulk	175	45.53	240	47.00	290		305		320.25	
5	Commercial	195	16.82	235	17.50	315	9.54	330	30.45	346.5	31.97
6	Public Lighting	195	6.95	215	7.15	315		330	17.85	346.5	18.74
7	Public Water Works	195	6.25	235	6.85	260	15.39	280	12.60	294	13.23
8	Others										
	Total (1 to 8) :-	182	130.02	203	138.50	276	169.73	286.5052	303.45	315.75	318.62
9	Outside the State	210	237.83	225	230.00	270	216.96	375	250.00	468.75	70.00
	Grand Total :-		367.85		368.50		386.69		553.45		388.62
10	No. of households Electrified										
	(No. of Consumers)		123859		134131		145310		182699		228372
	Note:- * Please give percentage within brackets										
	# Category wise tariff rate as approved by the State Electricity Regulatory Commission										

Resources Discussions - Annual Plan 2009 - 10

Private Sector Power Projects

Name of the SEB / ED :-

Sl. No.	Item	2004 - 05	2005 - 06	2006 - 07	2007 - 08	2008 - 09		2009 -1 0
		A	A	Provi.		BE	RE	Annual Plan
1	2	3	4	5		6	7	8
1	Name(s) of the Project							
2	Installed Capacity (MW)							
3	Type of Fuel							
4	Estimated Cost (Rs. Crores)							
5	Expected Generation (MKwh)	-	-	-		Nil	-	-
6	Status of the Project (Signing of MOUs / Power Agreements / Any Other							
7	Cost of Generation (Paise / Kwh)							
8	PLF as per APPA (%)							

								Proforma - 12	
Resources Discussions - Annual Plan 2009 - 10									
Efficiency Improvement									
Name of the SEB / ED :-									
Sl. No.	Item	Unit	2004 - 05	2005 - 06	2006 - 07	2007 - 08	2008 - 09	2009 - 10	
I	i) Energy supplied at 11/33 KV Feeders	MU							
	ii) Energy Billed at 11/33 KV Feeders	MU					553.45	388.62	
	iii) Actual Billing	Rs. Crore					142.80	165.85	
	iv) Revenue Realisation	Rs. Crore					120	130	
	v) % of Realisation	%					84.03%	78.38%	
II	Reduction in T & D Losses	%							
III	i) Level of Cash Losses of the SEB (net of increase attributable to tariff revision)	Rs. Crore							
	ii) Reduction of Cash Losses of the SEB as compared to previous year	Rs. Crore							
	Not Assessable as because HT Meterings are not installed to assess the actual loss of T&D. The Metering system shall be installed during this year under APDRP.								
	Note:- System Metering at 11 KV feeders is being installed during this financial year and will be completed soon.								

Break up of Outlay - Power Sector

State : Arunachal Pradesh

(Rs. Crore)

Sl. No.	Item	Tenth Plan Approved Outlay	2003 - 04			2004 - 05			2005 - 06			2006 - 07			2007 - 08			
			Approved Outlay	Actual Expenditure		Approved Outlay	Actual Expenditure		Approved Outlay	Actual Expenditure		Approved Outlay	Actual Expenditure		Approved Outlay	Expenditure (RE)		
				Plan	Outside Plan		Plan	Outside Plan		Plan	Outside Plan		Plan	Outside Plan		Plan	Outside Plan	
1	Generation Schemes	114.40						31.66	26.42		15.54	27.47		41.7	41.70			
2	R and M Schemes							19.90	19.88		28.45	9		9.03	9.03			
3	Transmission & Distribution Schemes	129.89									17.92	18.92	6.43	23.5	23.50	20.00		
4	Rural Electrification Schemes	139.50						3.00	1.59		9.50	7		3	3.00			
5	Miscellaneous Schemes	107.40						77.89	75.62		44.43	60.13		53.78	53.78			
6	Total	491.19	114.52	84.81		155.30	114.46			132.45	123.5		115.84	122.5	6.43	131.01	131.0	20.00
	Note:-	Please give breakup of the approved and actual outlays. In case of 2005 - 06 and 2006 - 07, the state Govt. may provide the actual / RE figure. The figures indicated are given by the State Govt. of Planning Commission. Correction may be made wherever necessary.																