

MONITORING REPORT **HULU GANGA AND HAPUGASTENNE PDD**

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HAPUGASTENNE PHASE I AND II PLANTS

Note

1. The Hapugastenne Phase I and II plants have the same civil works.
2. The Phase I plant consist of 2 sets of identical turbines/generators and related equipment
3. The Phase II plant (which was commissioned one year later) consists of 1 set of the same turbines/generators as the Phase I plant plus related equipment.
4. The CEB measures the output of the two plants seperately using two separate meters
5. In practice the 2 plants are operated as a single entity.

ELECTRICITY OUTPUT

Hapugastenne Phase I

Month	Electricity Output (kWh)	Source (Invoice Nos raised for CEB)
2003		
January	586,590	281
February	438,800	282
March	1,315,380	283
April	1,207,110	284
May	1,840,850	285
June	744,000	401
July	2,061,570	402
August	2,010,570	403
September	2,189,210	404
October	1,792,300	430
November	1,789,750	406
December	476,460	407
Total for 2003	16,452,590	
2004		
January	1,101,280	408
February	599,500	409
March	215,000	410
April	2,202,210	411
May	2,831,750	437
June	2,698,730	413
July	1,876,370	414
August	1,036,720	415
September	2,593,600	418
October	2,754,530	419
November	1,710,160	420
December	899,300	421
Total for 2004	20,519,150	
2005		
January	344,010	422
February	513,900	423
March	987,990	424
April	1,558,520	425
May	1,099,660	726
June	2,265,550	727
July	1,795,490	728
August	1,533,610	729
September	2,460,590	730
October	2,028,320	731
November	3,329,080	732
December	1,242,400	733
Total for 2005	19,159,120	

Hapugastenne Phase II

Month	Meter Reading Date	Number of Days Since Previous Meter Reading	Generation (kWh)		Lower of Two Generation Measures (kWh)
			As per Internal Records	As per CEB Invoice	
2003					
January	31-Jan-03	31	1,594,132	1,598,770	1,594,132
February	4-Mar-03	32	1,482,873	1,484,840	1,482,873
March	31-Mar-03	27	448,406	472,870	448,406
April	30-Apr-03	30	1,462,546	1,360,870	1,360,870
May	30-May-03	30	1,212,338	1,268,940	1,212,338
June	26-Jun-03	27	1,451,713	1,449,560	1,449,560
July	30-Jul-03	34	1,852,153	1,840,440	1,840,440
August	29-Aug-03	30	1,638,254	1,636,680	1,636,680
September	30-Sep-03	32	1,824,088	1,415,530	1,415,530
October	4-Nov-03	35	1,927,030	1,406,320	1,406,320
November	1-Dec-03	27	1,452,711	1,470,520	1,452,711
December	31-Dec-04	30	1,382,307	1,233,560	1,233,560
Total for 2003			17,728,551	16,638,900	16,533,420
2004					
January	31-Jan-04	31	590,417	638,340	590,417
February	2-Mar-04	31	1,441,731	1,356,500	1,356,500
March	31-Mar-04	29	1,101,242	1,073,900	1,073,900
April	30-Apr-04	30	1,685,428	1,675,600	1,675,600
May	4-Jun-04	35	1,944,109	1,947,540	1,944,109
June	5-Jul-04	31	1,711,086	1,906,630	1,711,086
July	2-Aug-04	28	1,520,022	1,519,600	1,519,600
August	7-Sep-04	36	2,024,588	2,907,890	2,024,588
September	4-Oct-04	27	1,555,052	1,557,000	1,555,052
October	2-Nov-04	29	1,623,460	1,614,150	1,614,150
November	30-Nov-04	28	1,610,537	1,597,830	1,597,830
December	31-Dec-04	31	1,787,259	1,785,180	1,785,180
Total for 2004			18,594,931	19,580,160	18,448,012
2005					
January	31-Jan-05	31	1,473,958	1,471,470	1,471,470
February	1-Mar-05	29	1,184,360	1,204,770	1,184,360
March	31-Mar-05	30	974,352	994,080	974,352
April	30-Apr-05	30	1,163,423	1,106,490	1,106,490
May	28-May-05	28	1,292,191	1,300,250	1,292,191
June	27-Jun-05	30	1,494,788	1,474,010	1,474,010
July	28-Jul-05	31	1,445,106	1,433,780	1,433,780
August	31-Aug-05	34	1,476,623	1,471,500	1,471,500
September	4-Oct-05	34	1,666,525	1,669,370	1,666,525
October	30-Oct-05	26	1,407,092	1,395,010	1,395,010
November	1-Dec-05	32	1,639,993	1,653,210	1,639,993
December	31-Dec-05	30	1,319,854	1,308,280	1,308,280
Total for 2005			16,538,265	16,482,220	16,417,961

EMPLOYMENT (Common for Phase I and II)

Year	Employee category	No. of Employees
	Power Station Operators	3
2002 Jan	Power Station Supervisors	5
	Power Station Assistants	11
	Power Station Operators	3
2003 Jan	Power Station Supervisors	5
	Power Station Assistants	11
	Power Station Operators	3
2004 Jan	Power Station Supervisors	5
	Power Station Assistants	11
	Power Station Operators	3
2005 Jan	Power Station Supervisors	5
	Power Station Assistants	11

COMMUNITY DEVELOPMENT EXPENDITURE (Common for Phase I and II)

Year	Details of projects	Expenditure (Rs.)
2002	Water supply scheme for estate	882,045
2003	Bridge at Ihalarathganga	300,000
2004	Community Centre	30,000
2005	Concreting road	100,000

HULU GANGA PHASE I

ELECTRICITY OUTPUT

Month	Electricity Output (kWh)	Source (Invoice Nos raised for CEB)
2003		
May	39,700	482
June	165,350	482&483
July	331,100	484
August	359,100	485
September	314,000	511
October	499,500	512
November	1,004,400	513
December	600,500	514
Total for 2003	3,313,650	
2004		
January	562,000	515
February	229,100	516
March	126,400	517
April	399,300	518
May	639,500	519
June	575,800	520
July	515,600	521
August	245,500	522
September	412,300	523
October	785,500	524
November	967,300	525
December	1,030,900	526
Total for 2004	6,489,200	
2005		
January	671,400	527
February	367,100	528
March	117,400	529
April	164,800	530
May	206,200	701
June	243,000	702
July	535,600	703
August	407,000	704
September	711,100	705
October	787,000	706
November	1,748,100	707
December	1,357,800	708
Total for 2005	7,316,500	

EMPLOYMENT

Year	Employee category	No of Employees
2003 Jan	Power Station Operators	3
	Power Station Assistants	3
2004 Jan	Power Station Operators	3
	Power Station Assistants	3
2005 Jan	Power Station Operators	3
	Power Station Assistants	3

COMMUNITY DEVELOPMENT EXPENDITURE

Year	Details of projects	Expenditure (Rs.)
2003	School renovation of building and repairing desks and chairs	45,000
	Temple rehabilitation work	40,000
	Contribution for construction of Buddhist Centre at Huluganga town	40,000
	Water supply scheme - Kosgama-Pahalagama	60,000
		15,000
	Water supply scheme - Kosgama-lhalagama	30,000
2004	Partition of class rooms of the school	70,000
	Temple rehabilitation work	35,000
	Contribution for construction of Buddhist Centre at Huluganga town	10,000
	Construction of a water tank	55,000
	Electrification	50,000
2005	Renovation of school building	130,000
	Building a new shrine room for the Temple	20,000
	Contribution for construction of Buddhist centre at Huluganga town	

EMISSIONS REDUCTION - ALL PROJECTS

Year	Hapugestenne I		Hapugestenne II		Hulu Ganga I	
	Electricity Output (kWh)	Emissions Reductions (kgCO2)	Electricity Output (kWh)	Emissions Reductions (kgCO2)	Electricity Output (kWh)	Emissions Reductions (kgCO2)
2003	16,452,590	13,978,120	16,533,420	14,046,794	3,313,650	2,815,277
2004	20,519,150	17,433,070	18,448,012	15,673,431	6,489,200	5,513,224
2005	19,159,120	16,277,588	16,417,961	13,948,700	7,316,500	6,216,098
Total	56,130,860	47,688,779	51,399,393	43,668,924	17,119,350	14,544,600