ANNEX 10

100Rs.

2 FEB 2001

THIS SERVICES CONTRACT (No.SEP: GSML: COGEN: EPC: 2000: 01B) is made and entered into at Mumbai on this 5th day of February 2001 **between BSES Limited** a Company formed and incorporated under the Indian Companies Act, 1913, (being Act No.VII of 1913) having its registered office at, Nagin Mahal, 6th floor, 82, Veer Nariman Road, Mumbai-400021, (hereinafter referred to as **"the Service Provider"** which expression shall, unless repugnant to the context or meaning thereof, include its successors, permitted assigns and transferees) as a party of the first part; **and THE GODAVARI SUGAR MILLS LIMITED**, a Company formed and incorporated under the Companies Act, 1956, having its registered office at, Fazalbhoy Building, 45-47 Mahatma Gandhi Road, Fort, Mumbai 400 001, hereinafter referred to as **"the Purchaser"** (which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as a party of the second part;

WHEREAS the Service Provider is engaged in the business of generation, transmission and distribution of electricity, electrical and other construction activities and enjoys an excellent reputation for its expertise and goodwill,

AND WHEREAS the Purchaser plans to set up and operate a Co-generation Power Generating Station, with a gross capacity of 24 MW at Samcerwadi in the district of Bagalkot, which is proposed to be inter connected to KPTCL grid at

THE GODAVARI SUGAR MILLS LTD. COGEN MUMBAI

BSES Limited

COMPLETION PERIOD shall be Successful Commissioning of the Plant within a period of 20 (Twenty) months from the Effective Date or such extended period as may be agreed between the parties.

CONSULTANT shall mean Desein Pvt. Ltd. or any other person notified in writing by the Purchaser to the Service Provider.

CONTRACT DRAWINGS shall mean and include the designs, plans, drawings, sketches, tracings and prints thereof and details which have been furnished by the Service Provider for the execution of this Contract.

CONTRACT SPECIFICATIONS shall mean the specifications referred to in this Contract, and in the schedules, detailed design drawings, statements of technical data and the performance characteristics thereto, and all such Particulars as mentioned as such in this Contract and such other modifications required by the Purchaser relating to the Work.

DIMENSIONS shall mean the extent of any linear measurement, area and volume (based on the metric system) as set out in the Quality Assurance Plan (QAP), and the approved drawings as referred to therein.

EFFECTIVE DATE shall be 26th January 2000.

SERVICES PRICE shall mean the lump sum amount, which is fixed for performing the Work as set out in this Agreement and shall not be subject to any change except for variations in the rates of statutory duties and taxes as provided for under this Contract.

EQUIPMENT shall mean and include all items of the Plant, i.e. its machinery, equipment, components, auxiliaries, accessories, commissioning and mandatory spares, consumables and special tools and tackles (other than erection and commissioning tools and tackles) required to setup, erect and commission the Plant as more particularly set forth in Appendix I to achieve Successful Commissioning and handing over of the Plant to the Purchaser by the Service Provider.

FINAL ACCEPTANCE CERTIFICATE shall mean the certificate required to be issued by the Purchaser as set forth in Article 9 herein.

INSPECTOR or INSPECTING ENGINEER shall mean any person nominated by or on behalf of the Purchaser and/or Consultant to inspect and witness Tests of the Equipment and/or Work in pursuance of stage and final inspections under this Contract.

LATENT DEFECTS shall mean and include defects and/or deficiency (whether or not inherent or not visible), in the performance or rendering of Services and/or Work at the time of issuance of a Taking Over Certificate and which were undetected during the Warranty Period. Such defects after being

THE GODAVARI SUGAR MILLS LTD. COGEN MUMBAI

FROM : GSMSMR FAX NO. : 360037 Nov. 30 2006 01:58PM

Shri Prakash Tiwari

ANNEX 12

|| Shri Shivalingeshwar Prasanna ||

BSES

We request your presence to grace the occasion of

"BHOOMI POOJA"

being conducted on

23 rd March 2000 at 4-00 P. M.

FOR 1 X 24 MW CAPTIVE CO-GENERATION POWER PLANT

Being Constructed For

M/s. GODAVARI SUGAR MILLS LTD, SAMEERWADI.

BSES Limited
EPC Business Group
Camp : GSM Ltd, Sameerwadi.

Attn: Shri Prakash Tiwari

ANNEX 12

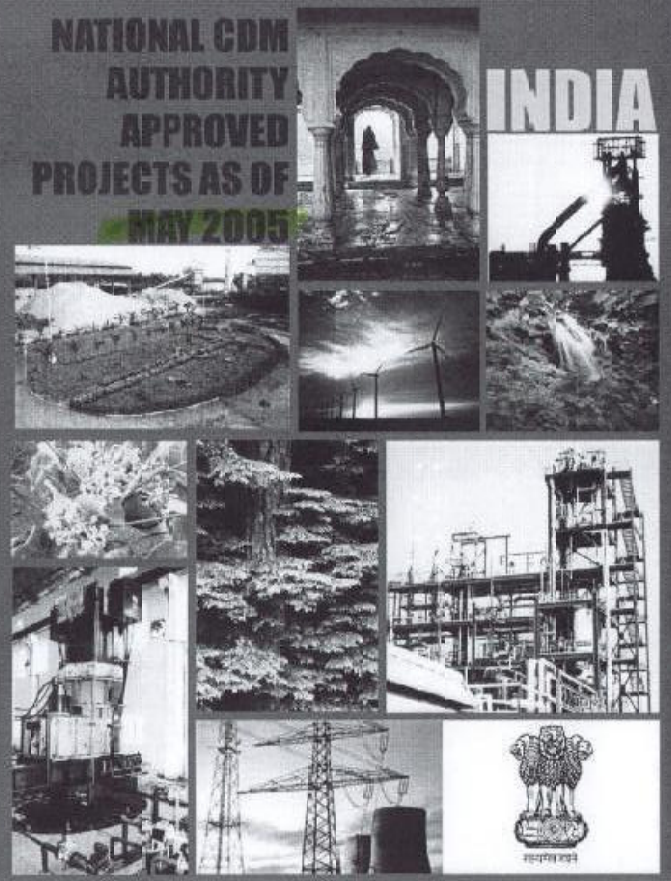
For more information please contact:
Mr. R. K. Sethi,
Member Secretary
National Clean Development Mechanism (CDM) Authority
Ministry of Environment and Forests
115, Paryavaran Bhawan, CGO Complex,
Lodhi Road, New Delhi, India
Phone: (91-11) 2436 2252
Fax: (91-11) 2436 2252
Email: rksethi@menf.delhi.nic.in
website: http://envfor.nic.in/cdm

Ministry of Environment & Forests
Government of India

Deutsche Gesellschaft für
Technische Zusammenarbeit (GTZ) GmbH

NATIONAL CDM AUTHORITY APPROVED PROJECTS AS OF MAY 2005

INDIA



ANNEX 12

India: A Global Leader in CDM

The Indian Government ratified the Kyoto Protocol in August 2002 and thereafter established the National Clean Development Mechanism Authority (NCDMA) within the Ministry of Environment and Forests. This institution is India's Designated National Authority responsible for giving host country approvals for CDM projects. India is playing an important role in helping to shape the international rules concerning CDM through its representation on the CDM Executive Board.

Advantage India

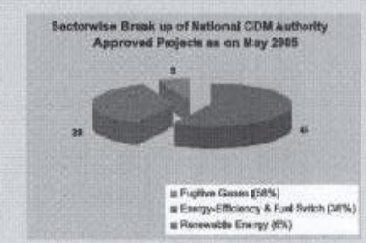
- **India one of the top suppliers of CERs in 2003 - 2008.**
  (Source: World Bank Report: State and Trends of Carbon Market 2004)
- **Broad scope of projects with varying sizes allows international buyers to widen their portfolio with reduced risks.**
- **A dynamic, transparent and speedy process of Indian DNA in according Host Country approval to eligible projects.**
- **Enhanced private sector participation, largely consultant-driven with high intellectual capacity, skilled human potential.**
- **Strong Financial Markets and Intermediaries.**
- **Strong industrialized base and entrepreneurship.**
- **Huge potential in infrastructure and industrial development.**
- **English the language for business.**
- **Bilateral & Multilateral capacity building initiatives leading to wide dissemination of information on CDM.**

Opportunities for Investing in CDM by Sector

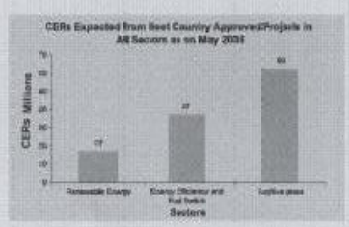
There are significant opportunities to generate CERs related to energy efficiency in all the industries including iron & steel and cement sectors. Small and Medium Enterprises (SMEs) which constitute more than 50% of Indian industries offering ample scope of adopting energy efficient latest technologies besides the unorganised sector such as brick kilns, glass and small foundries need modernization.

In the renewable energy sector, 74% of the 17 million potential CERs from host country approved projects available to date came from biomass projects. Wind and hydro energy projects also provide significant shares.

In the fugitive gases sector, the major opportunities are for HFC-23 destruction projects, two such projects, offering potentially very large quantities of CERs, have received host country approval to date. Additional opportunities in this sector are related to abatement of PFC gases, and methane in the industrial & municipal waste handling and disposal sector.



Over 100 million tonnes of CERs potentially available through 2012



For more information please contact:
Mr. R. K. Sethi, Member Secretary
National Clean Development Mechanism (CDM) Authority Ministry of Environment and Forests
115, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi, India
Phone: (91-11) 2436 2252, Fax: (91-11) 2436 2252
Email: rksethi@menidelhi.nic.in , website: http://envfor.nic.in/cdm

Indian National CDM Authority Approved Projects - Energy Efficiency and Fossil Fuel Switch Sector (28)

ANNEX 12

P. 4

Indian National CDM Authority
Approved Projects -
Energy Efficiency and
Fossil Fuel Switch Sector (28)

S. No	Sector	Project Name & Location	Name of Project Sponsor	Project start date	Project completion date	CERs until 2012	Contact Person	Telephone Number	Email Address
				Energy Efficiency projects					
1	Cement	8 MW Power generation from waste heat in cement plant, Rajasthan	Shree Cement	Jun-04	Jun-06	329790	Mr M.K Singhi	+91 14 8222 8101	shreeharf@datainfosys.net
2	Cement	Reduction in Ordinary Portland Cement consumption in concrete mix utilizing lower cement concrete technology	Hindustan Construction	Jan-05	-	-	Mr Mohamed Ashraf	+91 22 2577 5959	mashraf@hccindia.co.in
3	Cement	Optimum utilization of Clinker & Conversion Factor improvement at Birla Corporation Limited, Chittorgarh, Rajasthan	Birla Cement	Jan-00	Jan-01	2509044	Mr N.R Mehta	+91 33 2213 1680	bcs@birlacorp.com
4	Cement	Use of fly ash to substitute clinker in blended cements, Rajasthan	Shree Cement	Aug-00	Aug-01	566 176	Mr M.R Bhargava	+91 1462 2281 0105	shreebwr@datainfosys.net
5	Cement	Waste heat recovery Power plant at JK Cement Works (Unit of JK Cement Limited), Rajasthan	JK Cement Limited	Mar-05	Sep-06	435 144	Mr Ravishankar	+91 1477 220027	drs@jkcw.com
6	Cement	Energy Efficiency Improvement in a Cement Plant at Jaypee Associates (Cement) Madhya Pradesh	Jaypee Associates	Oct-02	Mar-05	759129	Mr R.S Singh	+91 11 26145389/3591	rb.singh@jil.co.in
7	Iron & Steel	Energy efficiency through coke dry quenching system at steel plant, Jharkhand	NEDO	Oct-03	Oct-06	1387420	Mr Takashi Ishida	81 3 3987 9000	[illegible]
8	Iron & Steel	Energy efficiency through technological innovations, Punjab	Punjab Steel	Oct-04	-	886683	Mrs. Parmesh Bhat	+91 11 2661 1021	pbhat@cdmindia.com
9	Iron & Steel	Industrial energy efficiency at steel mill using waste heat recovery, Jharkhand	Usha Martin Limited	May-02	Nov-02	180423	Mr Arun Basak	+91 65 7240 8908	arunbasak@ushamartin.co.in
10	Iron & Steel	20 MW Power generation from waste heat in iron plant - partial fuel switch in existing power plant, Chhattisgarh	Chattisgarh Electricity	Jul-02	Oct-04	1315715	Mr P.C Jain	+91 77 1508 3925	-
11	Iron & Steel	10 MW Power generation from waste heat in iron plant, Orissa	Orissa Sponge Iron	Sep-00	Jul-01	380171	Mr A.V Khar	+91 67 4250 7057	[illegible]
12	Iron & Steel	10 MW Power generation from waste heat in steel mill, Jharkhand	Usha Martin Limited	Apr-03	Nov-04	482368	Mr Arun Basak	+91 65 7240 8908	arunbasak@ushamartin.co.in
13	Iron & Steel	8 MW Power generation from waste heat in iron plant Orissa	OCL India Limited	May-04	Mar-06	231942	Mr R Kandan	+91 66 2422 1212	-
14	Iron & Steel	7 MW Power generation from waste heat in iron plant, Chhattisgarh	Ispat Godavari	Jan-02	Sep-02	297601	Mr L Prasad	+91 771 505 7603	lkp45@sify.com
15	Iron & Steel	Power generation from waste heat (BOF converter gas), Karnataka	Jindal Vijayanagar Steel	Jul-03	Jul-04	747 107	Mr Tandon Jugal	+91 83 952550	jugal.tandon@jvsl.com
16	Iron & Steel	Power generation from waste heat (COREX off-gas), Karnataka	Jindal Vijayanagar Steel	Jul-00	Jul-02	7307732	Mr Tandon Jugal	+91 83 952550	jugal.tandon@jvsl.com
17	Iron & Steel	40 MW SRBSL - Waste Heat Recovery Based Captive Power Project, Shri Rampurai Balaji Steel Limited (SRBSL), West Bengal	Shri Rampurai Balaji Steel Limited (SRBSL)	Oct-04	Mar-05	484994	Mr. A. K. Gulati	+91 33 2242 6263	-
18	Iron & Steel	12 MW Waste Heat Recovery based Captive Power Project of JBSL, Jai Balaji Sponge Limited (JBSL), West Bengal	Jai Balaji Sponge Limited	Jan-04	Mar-05	411 404	Mr A K Gulati	+91 33 2242 6263	-
19	Hotel	Energy efficiency at Lotus Suites and Orchid Hotels Maharashtra	Orchid Hotels	Jan-01	-	27000	Mr Param Kannampilly	+91 22 2616 4040	[illegible]@orchidhotel.com
20	Other Industries	Energy efficiency through modification of CO2 removal systems of ammonia plant, Uttar Pradesh	Indo Gulf Fertilizers	Mar-03	Jul-03	205 169	Mr Nalwar Jain	+91 5361 270032	-
21	Demand-side energy efficiency	Demand-side energy efficiency through variable frequency drive motors in textile industry, West Bengal	Indian Rayon & Industries	Nov-00	Jan-03	31172	Mr V.K Goenka	+91 33 2672 1146	vkgoenka@rayon.com
22	Other Industries	Thermal efficiency improvement in coal fired boiler system in textile industry, West Bengal	Indian Rayon & Industries	Apr-01	Apr-02	38875	Mr V.K Goenka	+91 33 2672 1146	vkgoenka@rayon.com
				Fuel Switch projects					
23	Power	1050 MW Construction of new gas fired power plant, Gujarat	Torrent Power	Dec-04	Sep-07	11939798	Mr Vijay Sanghy	+91 79 2658 1080	[illegible]@torrentpower.com
24	Power	120 MW Construction of new gas fired power plant, Tamil Nadu	Aban Power	Oct-03	Apr-04	1757992	Mr Panduranga Rao	+91 44 2815 7247	abanpower@vsnl.net
25	Power	18 MW Construction of new gas fired power plant, Tamil Nadu	OPG Energy	Feb-04	Jan-05	453029	Mr Arvind Gupta	+91 44 2524 5366	[illegible]@md3.vsnl.net.in
26	Power	25 MW Construction of new gas fired power plant, Tamil Nadu	Coromandel Electric	Apr-04	Nov-04	449221	Mr Shishir Kalkonde	+91 40 2355 9922	shishir@kcl.co.in
27	Power	290 MW Fuel switch from naptha to natural gas at power plant, Andhra Pradesh	Andhra Power	Jul-02	Nov-02	1744816	Mr Krishna Murthy	+91 40 3326 8758	[illegible]@hd2.dot.net.in
28	Power	1070 MW Fuel switch from naptha to natural gas at power plant, Gujarat	Essar Power	Apr-02	Nov-02	4042369	Mr A.K Srivastava	+91 22 2495 0606	aksrivastava@essar.com

* For more details about projects please visit: http://envfor.nic.in/cdm

Indian National CDM Authority
Approved Projects -
Renewable Energy (45)

ANNEX 12

Indian National CDM Authority Approved Projects - Renewable Energy (45)

S. No.	Industrial Sector	Project Name & Location	Name of Project Sponsor	Project start date	Project completion date	CERs until 2012	Contact Person	Telephone Number	Email Address
29	Biomass Cogeneration	7.7 MW Rice Husk Based Power Plant at Vandana Vidhyut Limited, Bilaspur, Chattisgarh,	Vandana Vidhyut	Apr-30	Oct-01	294120	Mr Sathish Kumar	+91 77 1253 5440	vl-nb@sancharnet.in
30	Biomass Cogeneration	JCT 5 MW Small Scale Biomass Project, Punjab	JCT Limited	Oct-34	Nov-05	217000	Mr S.K Singhal	+91 11 2336 8304	sunilbajaj@jctltd.com
31	Biomass Cogeneration	3.5 MW Rice Husk based Cogeneration Project at Dhandari Kalan at Ludhiana Punjab	Nahar Spinning Mills	Sep-34	Jul-05	148323	Mr Gursharan Dhiman	+91 16 1260 0701	nahar@owmnahar.com
32	Biomass Cogeneration	3.5 MW Rice Husk based Cogeneration Project at Sherpur Woollen Mills, Ludhiana, Punjab	Oswal Woolen Mills	Sep-34	Jul-05	148323	Mr M.R Sood	+91 16 1542 609	oswal@owmnahar.com
33	Biomass Cogeneration	35.6 MW Bagasse based cogeneration facility in Belgaum District, Karnataka.	Shree Renuka Sugars	Jan-33	-	672000	-	+91 83 1240 4000	belgaum@renukasugars.com
34	Biomass Cogeneration	22 MW Bagasse Based Cogeneration Project Activity at Sri Chamundeswari Sugar Limited, Mandya, Karnataka	Chamundeswari Sugars	Mar-34	Jul-05	377423	Mr M Srinivasan	+91 80 5538 033	scslh@hathway.com
35	Biomass Cogeneration	RSCL 22 MW Cogeneration expansion project at RSCL Unit 2 Sugar Factory, Mundiyampakkam, Villupuram Taluk, Tamil Nadu	Rajshree Sugars	Jan-34	Jan-05	291100	Mr R Varadraj	+91 42 2257 4850	rvraj@rajshreesugars.com
36	Biomass Cogeneration	Bagasse/ Biomass based 22 MW Cogeneration projectat Deoband sugar plant, Uttar Pradesh	Triveni Engineering	Jun-33	Aug-04	788289	Mr Sameer Sinha	+91 11 2331 0021	ssinha@hc.trivenigroup.com
37	Biomass Cogeneration	20 MW Bagasse based Cogeneration Power Project at Bannari Amman Sugars Limited, Nanjangud, Karnataka	Bannari Amman Sugars	Feb-33	Feb-04	338085	Mr R Murugesan	+91 422 2244 5300	murugesan@bannari.com
38	Biomass Cogeneration	20 MW Bagasse based Cogeneration Power Project at Bannari Amman Sugars Limited, Sathyamangalam, Tamil Nadu	Bannari Amman Sugars	Aug-31	Aug-02	607469	Mr R Murugesan	+91 422 2244 5300	murugesan@bannari.com
39	Biomass Cogeneration	20 MW Bagasse based cogeneration power projects at Balrampur Chini Mills Ltd, Balrampur, Uttar Pradesh	Balrampur Chini Mills	Jan-32	Mar-03	1079609	Mr Vivek Saraogi	+91 52 6323 2379	-
40	Biomass Cogeneration	20 MW Bagasse based cogeneration power projects at Haidargarh Chini Mills, Haidargarh, Uttar Pradesh	Haidergarh Sugar Mills	Sep-32	Nov-03	887022	Mr Vivek Saraogi	+91 52 4448 213	-
41	Biomass Cogeneration	7.5 MW Ajbapur Sugar Complex Cogeneration Project at Ajbapur Village, Lakhimpur Kheri District, Uttar Pradesh	DCM Shriram Consolidated	Oct-34	-	245500	Mr Sunil Radhakrishna	+91 11 2371 7457	sunil@dscl.com
42	Biomass Cogeneration	30 MW Bagasse based Cogeneration Power Project with Export of Surplus Power at Dhampur, Uttar Pradesh	Dhampur Sugar Mills	Jun-33	Jun-04	560114	Mr Gaurav Goel	+91 11 2871 0458	dsuger@vsnl.com
43	Biomass Cogeneration	20 MW biomass based power plant R.K. Powergen Pvt. Ltd., Karnataka	R.K Powergen Limited	Jan-34	-	1491975	Mr T.M Singaravel	+91 44 4404 390	rkpowergen@eth.net
44	Biomass Cogeneration	18 MW Biomass based power project by Raghu Rama Renewable Energy Limited, Tamil Nadu,	Ind-Bharat Energies	Dec-32	Apr-04	909586	Mr Raghu	+91 40 2367 0341	raghu@hd1.vsnl.net.in
45	Biomass Cogeneration	12 MW Biomass based power project at Prakasam, Andhra Pradesh	Clarion Power	Oct-32	Nov-03	280815	Mr Satya Sreenivas	+91 40 2355 6029	ssreenivas@lancogroup.com
46	Biomass Cogeneration	7.5 MW Biomass based power generation unit, Karnataka	Samoshineta Power	Jul-36	-	4,50,300	Mr P Sudarshana Rao	+91 80 4188 7449	rbpls@yahoo.com
47	Biomass Cogeneration	6 MW Biomass based power projectat Chittoor, Andhra Pradesh	Ritwik Energy	Oct-31	Oct-02	178433	Mr Satya Sreenivas	+91 40 2355 6029	ssreenivas@lancogroup.com
48	Biomass Cogeneration	4.5 MW biomass power plant, Matrix Power Pvt. Ltd., Andhra Pradesh	Matrix Power	Mar-32	-	329000	Ms Anand Sharan Mali	+91 80 2363 7007	wsd@vsnl.in
49	Biomass Cogeneration	4.5 MW biomass based power generation, Karnataka	Malavalli Power	Mar-35	Jan-07	331544	Mr K Krishan	+91 80 5598 425	-
50	Biomass Cogeneration	3 MW biomass based Power Project at village Ragara, Distt. Guna, Madhya Pradesh .	Deepak Spinners	Oct-33	Mar-04	137816	Mr V.N Khema	+91 17 2279 1272	-
51	Biomass Cogeneration	2 MW Biomass Gasifier Based Power Plants Based Power Plants totaling for different locations in Karnataka and Tamil Nadu	Women for Sustainable Development	Jan-32	Jan-04	82888	Ms Anand Sharan Mali	+91 80 2363 7007	wsd@vsnl.com

Continued...

ANNEX 12

Indian National CDM Authority
Approved Projects -
Renewable Energy (45)

ANNEX 12

P. 5

Indian National CDM Authority Approved Projects - Renewable Energy [45]

S. No.	Industrial Sector	Project Name & Location	Name of Project Sponsor	Project start date	Project completion date	CER's until 2012	Contact Person	Telephone Number	Email Address
52	Biomass Cogeneration	24 MW biomass based project at Gujarat Ambuja Cements Limited Ropar, Punjab	Gujarat Ambuja Cement	May-03	Sep-04	411864	Mr A.V. Rao	+91 22 6693 1814	avr@ambujamail.com
53	Biomass Cogeneration	7.8 MW Electricity Generation from Mustard Crop Residues Kalpataru Power Transmission Limited, Rajasthan	Kalpataru Power	Aug-02	Aug-03	204828	Mr Ajay Munot	+91 22 5282 2888	-
54	Biomass Cogeneration	7.5 MW Mustard Crop Residue based Power Project, Alwar, Rajasthan	AlwarPower Company	Apr-04	Apr-06	316986	Dr Ajay Bansla	+91 12 0326 4700	bhawan@del2.vsnl.net
55	Biomass Cogeneration	7.5 MW Power generation from mustard crop, corn cobs, and sugar cane bagasse waste, Rajasthan	Chambal Power	Mar-04	Mar-05	386589	Mr S.R Wagle	+91 22 2692 7031	powerbiz@rediffmail.com
56	Biomass Cogeneration	7.5 MW poultry litter based power plant, Karnataka	Raja Shanker Limited	Mar-04	-	450000	Mr Mylavarapu Raja Rao	+91 93 4196 7449	rhdg@yahoo.com
57	Biomass Cogeneration	6 MW Power generation from rice husks etc., Andhra Pradesh	Satyamshanthi Corporation	Jan-03	Jan-04	151413	Mr Srinivasa Rao	+91 40 2763 3344	mech@anpowerenco.com
58	Hydro	29 MW Hydroelectric Project located at Samal, Angul District in Orissa	Orissa Power	Jul-04	Jul-06	282172	Mr V Srinivas Rao	+91 40 2381 +91 22	vbc@sathyam.net.in
59	Hydro	18 MW Jalapult Grid connected Hydroelectric project located at Jalagut, Visakhapatnam, Andhra Pradesh	Orissa Power	Jul-04	Jul-06	371137	Mr V Srinivas Rao	+91 40 2331 8122	vbc@sathyam.net.in
60	Hydro	10.25 MW SHP at Chunchi Doddi, Kanakapura (Taluk), Bangalore Rural (District) Karnataka	SaiSpurthi Power	Oct-02	Sep-04	163065	Mr O.S Reddy	+91 80 6541 188	saispurthipower@yahoo.com
61	Hydro	9 MW hydel power project at Dehi Village, Kullu District, Himachal Pradesh	Hutarew & Parners	Dec-04	Dec-06	213925	Mr P K Sood	+91 11 9685 7098	hutarew@vsnl.com
62	Hydro	8 MW Small Hydro Power project at Somasamudi Village, Daodurga Taluk, Raichur district, Karnataka	Narayanpur Power Company	Apr-03	Dec-04	108806	Mr A.K Balakrishnan	+91 40 2337 9630	-
63	Hydro	5.0 MW Dehar SHPin Bihal Village, Chamba District, Himachal Pradesh	AathaiProjects Limited	Apr-11	Dec-04	116820	Mr M Keshav Reddy	+91 40 2387 5 +91 0	aathpower@rediffmail.com
64	Hydro	4.9 MW Maujhi SHP in Khanyara Village, Kangra District, Himachal Pradesh	Dharamshala HydroLimited	May-02	Jul-04	120273	Mr Raghu Kanumuri	+91 40 5355 3459	raghu@sarcharmet.in
65	Hydro	37 MW Middle Kolab Small Hydroelectric project Orissa	Meenakshi Power	Jul-04	Jul-06	869102	Mr K Srinivas Rao	+91 40 6551 8140	info@meenakshigroups.com
66	Hydro	6 MW Bundled: SSC CDM (Small Hydroelectric) Project, Uttaranchal	Himalayan Hydro (P) Ltd.	May-05	Dec-06	143218	Mr. R. Srinivasulu Reddi,	+91 4023541236	-
67	Hydro	6 MW Bundled: SSC CDM (Small Hydroelectric) Project, Uttaranchal	Chamoli Hydro Power (P) Ltd.	May-05	Dec-06	115450	Mr. B.Sadasiva Reddy	+91 4023546759	-
68	Other Biomass	Generation of Biogas from cow dung for cooking, Karnataka	Agricultural Development & Training Society	Mar-05	-	105000	Mr Ram Esteves	+91 81 9028 2175	adats@vsnl.com
70	Other Biomass	36 TPD Biodiesel production from oil crops, Andhra Pradesh	Southern Biofa Biofuels	May-02	Aug-05	184388	Mr N Sathish Kumar	+91 40 6300 2349	biofa@sol.net.in
71	Wind	58.2 MW Enercon Bundled Wind Power Project at Jaisalmer District, Rajasthan	Enercon India Limited	Sep-03	Apr-04	1007436	Mr Yogesh Mehra	+91 22 6673 6085	ymehra@enerconindia.ne
72	Wind	16.8 MW Enercon Bundled Wind Power Project at Chitradurga District, Karnataka	Enercon India Limited	Nov-00	Nov-01	320758	Mr Yogesh Mehra	+91 22 6673 6085	ymehra@enerconindia.ne
73	Wind	3 MW Wind power project at Chitradurga district, Karnataka	Ercon Services Limited	Jan-01	Mar-02	44450	Mr P.N.S. Bhaskar Rao	+91 40 2375 6054	ecoserv@enconserv.com
74	Other Biomass	Fuel switch from coal to biomass for process heat in cement kiln using millet and soyabean husk, Rajasthan	Shree Cements Limited	Jul-04	Apr-05	727927	Mr M.R Bhargava	+ +91 14 6222 8101	shreebyr@datainfoweb.ne

* For more details about projects please visit: http://cdmfor.nic.in/cdm

ANNEX 12

Indian National CDM Authority
Approved Projects - Fugitive gases (05)

ANNEX 12

Indian National CDM Authority
Approved Projects - Fugitive gases (05)

S.No.	Industrial Sector	Project Name & Location	Name of Project Sponsor	Project start date	Project completion date	CERs until 2012	Contact Person	Telephone Number	Email Address
74	HFC	Thermal oxidation of HFC-23 at Gujarat Fluorochemicals Ltd., Gujarat	Gujarat fluorochemicals	Dec-03	Dec-04	13,240,000	Mr Deepak Asher	91 26 8233 0357	deepak_asher@yahoo.com
75	HFC	GHG Emission Reduction by Oxidation of HFC23 at Refrigerant (HFC-22) manufacturing facility of SRF Ltd., rajasthan	SRF Limited	Apr-04	May-05	40,000,000	Mr Manoj Mehrotra	91 11 2685 7141	manoim@srfltmited.com
76	PFC	PFC Emission Reduction in HSS Smelter at Indian Aluminium Limited, Hirakud, Orissa	Indian Aluminium Limited	Dec-02	Dec-05	2,267,380	Mr Matthew George	91 33 2247 2726	-
77	Methane	Biomethanation of municipal solid waste cum 5.6 MW electricity generation, Lucknow, Uttar Pradesh	Enkem Engineers	Jan-02	Jun-03	1,629,000	Mr P Subramani	91 44 2642 7557	enkem9@md3.vsnl.net
78	Methane	Methane Extraction and fuel Conservation Project, TNPL, Kagitapuram, Tamil Nadu	Tamil Nadu Newsprint And Papers Limited	May-02	May-03	444984	Mr Uday Sankar	91 4324 277027	udaysankar@tnpl.co.in

* For more details about projects please visit: http://envfor.nic.in/cdm

Annex 13: Bagasse based cogeneration projects in India			
CDM projects registered at UNFCCC as on 6 Dec 2006			
Sri Renuka Sugars (SRS)	9.3	MW	
Ganpati Sugars	15	MW	
Ugar Sugars	16	MW	
LHSF	12	MW	
Pandurang SSK	9	MW	
Rana Sugars	12	MW	
Jamkhandi Sugars	12.3	MW	
Triveni Engineering	22	MW	
Rajshree Sugars	22	MW	
Ajbapur Sugar - DCM Sriram	7.5	MW	
Total CDM registered	**137.1**	**MW**	
DNA approved project list as on May 2005			
Sri Renuka Sugars (SRS)	35.6	MW	
Sri Chamundeswari Sugars	22	MW	
Rajshree Sugars	22	MW	
Triveni Engineering	22	MW	
Bannari Amman Sugars, Nanjangud	20	MW	
Bannari Amman Sugars, Satyamangalam	20	MW	
Balrampur Chinni Mills	20	MW	
Haidergarh Sugar Mills	20	MW	
Ajbapur Sugar - DCM Sriram	7.5	MW	
Dhampur Sugar Mills	30	MW	
Total DNA approved but not registered	**158.3**	**MW**	
Others not listed above			
The Godavari Sugar Mills Limited	24	MW	
Total CDM project application	**319.4**	**MW**	

ANNEX 14

505

THE SOUTH INDIAN SUGAR MILLS ASSOCIATION (KARNATAKA)

"Farah Winsford", (1st Floor), 133/6, Infantry Road, Bangalore - 560 001.

Tele Fax : 080-2286 2923
Direct : 080-2286 2933

Email : sisma_k@vsnl.net

To Tiwari
from NS
23/03/06

March 22, 2006

MOST IMMEDIATE ISSUES REQUIRING CONSIDERATION :

1. **Delayed payment by KPTCL/concerned ESCOM for co-generated power exported to the grid.**

   As of date more than **Rs.107** crores are outstanding to be received by some of the co generation units from KPTCL/concerned ESCOM. Broad details are furnished in the enclosed statement.

2. **Utilization of the scheme of one-time financial assistance of the Govt. of India announced in January 2004.**

3. **Purchase tax on sugarcane** :

   If total withdrawal of purchase tax on sugarcane is not feasible, atleast it should be restored to the levels prevailing prior to 01/08/04. The details are as under :

Period	10.5% and above recovery (Rs./MT)	below 10.5% recovery (Rs./MT)	Road cess (Rs./MT)
Upto 31/07/04	55	40	5
As increased from 01/8/04	65	50	10

4. **Continuation of the scheme of payment of incentive of Rs.15/- per MT from out of purchase tax to the sugarcane growers.**

   The scheme which was in operation for more than 20 years has not been continued beyond 01/10/2004. This needs to be reconsidered and renewed.

ANNEX 15

.HE SOUTH INDIAN SUGAR MILLS ASSOCIATION (KARNATAKA)

"Tarah Winsford", (1st Floor), 133/6, Infantry Road, Bangalore - 560 001

.ele Fax : 080-2286 2923
Direct : 080-2286 2933

Email : sisma_k@vsnl.net

March 22, 2006

Sl No.	Name of the Factory	KPTCL/ESCOM	Total amount due (Rs Crores)	Remarks
1	ICL Sugars	CESCOM	1.41	Jan & Feb 06 (inclusive of Rs.0.79 cr old bal - 5% escalation
2	Renuka Sugars	HESCOM	8.53	Sep 05 to Feb 06
3	Shamanur Sugars	KPTCL/BESCOM	34.65	Apr 05 to Sep 05 (KPTCL) Oct 05 to Feb 06 (BESCOM)
4	Godavari Sugars	HESCOM	18.34	Sep 05 to Mar 06
5	GEM Sugars	HESCOM	9.41	Nov 05 to Feb 06 and differential amount of Rs 77.85 lakhs
6	Ugar Sugar	"	14.87	Nov 05 to Feb 06
7	SCM Sugars		2.53	Plus Rs.2.39 crores interest on delayed payments
8	Bannari Amman	CESCOM		
9	Davangere			
10	Prabhulingeshwar Sugars	KPTCL /HESCOM	7.80	Jun 05 to Nov 05 – KPTCL Dec 05 to Feb 06 – HESCOM (includes Rs.2.10 towards rate difference)
11	Doodhaganga SSK		8.13	Nov 05 to Feb 06
12	Naranja SSK		1.14	Jan & Feb 06
13	Ryatara SSK		0.36	Feb 06

Total of the available information = Rs. 106.67 crores.

ANNEX - 16

Fax : 011-29218393
e-mail : info@desein.com
website : www.desein.com

DESEIN
DESEIN PRIVATE LIMITED
CONSULTING ENGINEERS
DESEIN HOUSE, GREATER KAILASH – II, NEW DELHI-110 048

Phones : 91-11-51891400
91-11-29213762

Fax # 022 2204 7297

Ref.: 1602/CC-20M/145
8th December, 2006

DGM (Co-Generation)
The Godavari Sugar Mills Ltd.
Fazalbhoy Building
45-47, M.G. Road, Fort
Mumbai - 400 001

Subject : **Job No. 1602 - Godavari Sugar Mills Limited**
1x24 MW Co-generation Power Plant at Sameerwadi
Karnataka - Declaration Certificate

Dear Sir,

Kindly refer to the discussion and as desired we are enclosing herewith Declaration Certificate for Co-gen Plant high lighting unique features for your reference & use.

Very truly yours
DESEIN PRIVATE LIMITED
Consulting Engineers

S N MEHRA
DIRECTOR

DECLARATION CERTIFICATE OF
24 MW CO-gen OF GSML AT KARNATAKA

1. Plant has 130 TPH Capacity **Bagasse Fired Boiler** and was the highest capacity boiler installed in **India** during that time and also till 2005 and **is the 1st co-gen to implement this in Karnataka.**

2. Boiler is provided with bypass damper system to limit the exit flue gas temp. below 140°C.

3. Pneumatic fuel distribution system is provided for efficient combustion.

4. Boiler is provided with hydraulic driven **twin traveling grate** for efficient combustion and is the **4th co-gen to implement this feature in Karnataka.**

5. High efficiency Electro Static Precipitator are installed at the cost of 1.5 crores to control the dust emission below 150 mg / Nm^3 and **is the 4th co-gen to implement this in Karnataka.**

6. Starvation of fuel occurs during bagasse handling system problem or feeding problem which may lead to load fluctuations on TG or even tripping of plant, to avoid this 5 no's of silo's are installed with storage capacity of 10 minutes at full load.

7. Co-gen boiler is provided with 70-meter height chimney to discharge the flue gas at this height.

8. Adopted high-pressure steam cycle of 66 ata 490 ± 5°C hence high grade metallurgy is used which increased the equipment cost. Due to adoption of high pressure / temp steam cycle. Specific steam consumption of turbine has comedown to 5.2 Tons / MW compare to 12.5 Tons / MW in sugar plant low pressure steam cycle. **GSML is the 4th cogen to implement this in Karnataka.**

9. 24 MW Co-gen **Turbine** is an double extraction condensing type machine with 9 ata uncontrolled extraction and 3 ata controlled extraction which facilitates the drawl of process steam from turbine to sugar plant without compromising full load of 24 MW on the turbine. Hence plant higher cycle efficiency and performance can be achieved. So during season and off-season Co-gen plant generation is same i.e. 24 MW but generally in other cogens season capacity will be less compared to offseason. **GSML is the 1st cogen to implement this concept in Karnataka.**

11. For cooling the circulating water higher efficiency counter flow type. **Induced Draught RCC** cooling tower are installed.

12. For better and efficient control of **Plant Distributed Control System** (DCS) has been installed and is **the 2nd cogen to implement this in Karnataka.**

13. For effective control of turbine and export of power to the grid triple modular redundant governor has been installed.

14. For storage and handling of bagasse 170 TPH Capacity comprehensive **Bagasse Handling System** has been installed with a flexibility to operate with four (4) different paths to facilitate trouble free operation during season and off-season. The specially designed stack conveyor is installed alongwith mobile tripper, wing Conveyor with telescopic chutes for stacking of excess bagasse all along the length of 288.5 meters on either side of the stacking conveyor, hence bagasse can be stacked to a height of 10 meters. **GSML is the 1st cogen to implement this in Karnataka and in India.**

15. To avoid fugitive emissions **Dust Extraction System** provided at transfer points in bagasse handling system and is the **1st cogen to implement this in Karnataka.**

16. Plant is provided with PLC operated 2 x 20 M^3/hour capacity **DM Plant** to maintain recommended quality to make up water to the boiler and is the **1st cogen to implement this in Karnataka.**

17. 70 M^3/hour capacity **Condensate Polishing Unit** installed to treat the return condensate from sugar plant which may otherwise lead to contamination of boiler water and is **the 2nd cogen to implement this in Karnataka.**

18. Plant has well-equipped water treatment and instrumentation laboratory for efficient operation.

19. Plant has 34 M^3/hour well designed **Effluent Treatment Plant** separately for cogen only to discharge the effluent as per the KSPCB/CPCB norms and is **the 1st cogen to implement this in Karnataka.**

20. GSML has installed **Switchyard** having two bays with bus coupler facility and power is exported at 110 KV, which is a new system for the sugar unit which needs good technical personnel to operate the plant. This two bay switchyard with bus coupler is **the 1st cogen to implement this in Karnataka.**