

**Status Report of Proposals for Installation of Grid Connected  
Biomass Power Project under SIPB**

ANNEXURE-I     1 site approved

Name of the Company	M/s Green Horse Power Pvt. Ltd. New Delhi.	
Projects Allotted	5 nos.	
Total Proposed Capacity	10x5=50 MW	
Projected Year of Commissioning	Oct, 2012	
Fuel	Rice husk & Agriculture waste etc.	
Biomass Required	81853 Metric Tons/Year	
Sale of Power	BSEB at Preferential tariff to be decided by BERC.	
Water	50M /Hour	Bore wells with water reservoir of about 3.000M3 capacity as storage to water from the canal near to the project site.
EPC Contractor	Through EPC (Engineering procurement & construction) or through spite contracts.	
Plant Configuration	Turbo Generator type & Bleed cum condensing Boiler	
Project Cost	450 Million.	

## **Project Development Activities**

### **Biomass Assessment Study (BAS)**

MITCON Consultancy has given their Phase-1 study report and based on their findings 26 Locations have been identified. Based on the findings of the Phase -1, phase -2 study has Started in nine districts, viz., West Champaran, East Champaran, Supaul, Madhubani, Katihar, Kaimur, Rohtas, Aurangabad and Gaya.

### **Detailed Project Report (DPR)**

Company has submitted letter to SIPB stating the location of the 26 Projects .The location of 26 Projects are listed in annexure - 2. Company has submitted 10 DPRs to SIPB and BREDA. DPRs have been submitted on hard copy and CDS. Company is awaiting approval of the ten Projects from SIPB/BREDA for which the DPR has been submitted, refer Annexure-1. DPR Preparation for the balance Projects has started and will be submitted in the second week of August.

### **Land Acquisition**

Company has identified 10 sites for which DPRs have been submitted to BRED A and SIPB.

Land Details of the acquired site in west Champaran has been submitted to BRED A for information and Record. Refer Annexure -1.

Company has identified and given advance for the land at jagdishpur . Acquisition of the land is in Process at Jagdishpur site. Due diligence for other sites is in process.

Company has also approached SIPB, Department of Land and Revenue for allocation of waste land in the state. It is proposed to develop Energy Plantation on the waste land for securing feed to the power plant. Refer Annexure -1 for communication details.

### **Site Development**

Company has done Soil Testing, Contour Survey and Water Table Survey at Gawnaha, West Champaran and Jagdishpur, Bhojpur. It has been done by Dalkia India Limited (EPC contractor for the Projects)

### **Power Evacuation Survey (PES)**

Company has done Power Evacuation Survey at West Champaran and Jagdishpur site.

Company has also submitted request to BSEB for power evacuation feasibility study to be Completed for the West Champaran site and Jagdishpur site. Refer Annexure-1 for various Communication made on the subject. Company has submitted letter to BSEB for making Available a bay at 132 KV Jagdishpur Grid for Power Evacuation.

### **Regional Office Establishment**

Company has opened a regional office in Patna for co-ordination activities Liasoning officer has been deployed to expedite project development activities.

### **Sale of Energy**

Company has filed petition in BERC for determination and revision of tariff for the proposed power plants. The company proposes to sell energy generated in these plants to BSEB. BERC has forwarded notices to the various state authorities to submit their comments on the petition vide Memo No.300.Refer Annexure-1 for various communication made on the subject.

Engineering procurement and construction Activity

1. Company has executed Memorandum of Understanding (MoU) with Dalkia India Limited for execution of EPC Contract for 5 Projects in Bihar.
2. Company is negotiating for Owner's Engineer (OE) with various engineering & consultancy firm to overall review and monitoring progress.

### **Critical Activites**

The Company is finding it difficult to move further considering the low tariff as prevalent in the State. The lenders are finding it difficult to finance these projects. These Renewable projects. These Renewable projects needs additional support from the government to implement in phase manner :-

1. Tariff policy is not commensurate and makes the projects financially unavailable. The Company has filed a petition to BERC and has requested for tariff of Rs.5.63 per unit which should be in line with other states, so as to be able to make investment in the state attractive and also give comfort to financial institutions to be able to fund such biomass projects, please refer in Annexure-1.

2. Evacuation plan for the power produced. we need a good PLF and for that we need to be close to 132/33 KV sub stations and the same requested to BSEB to submit power Evacuation feasibility report to the company.

3. Policy for biomass is still not in place and the risk of catchment area allotment is still open. Company has requested for Catchment Area reservation for Gawanaha site in

W. Champaran district to BREDA, refer communication in Annexure-1.

**ANNEXURE-3**

**Correspondence with Various Government Agencies**

This is herewith below various communications made with Government agencies for your kind information:-

**3. (A) Communication with SIPB**

SL. No.	Letter No.	Subject	Date	To	From	Remarks
1	GHPL/Boimass/ Nalanda/Bihar- 10-11/0064	10MW Biomass based power project	09.02.11	निदेशक, ब्रेडा	GHPL New Delhi	
2	GHPL/Boimass/ Nalanda/Bihar- 0016	10MW Biomass based power project	30.08.10	परियोजना निदेशक, ब्रेडा	GHPL New Delhi	
3	GHPL/Boimass/	10MW Biomass	10.02.11	निदेशक, ब्रेडा	GHPL New	

	Nalanda/Bihar-10-11/0068	based power project			Delhi	
4	GHPL/Boimass/Rohtas/Bihar-0017	7.5 MW Biomass based power project के संबंध में	30.08.10	परियोजना निदेशक, ब्रेडा	GHPT/New Delhi	
5	0014	7.5 MW हेतु औरंगाबाद	30.08.10	परियोजना निदेशक, ब्रेडा	GHPT/New Delhi	
6	0018	10 MW हेतु	30.08.10	परियोजना निदेशक, ब्रेडा	GHPT/New Delhi	
7	470	स्टेट्स रिपोर्ट	04.05.11	GHPT/New Delhi	निदेशक, ब्रेडा	
8	717	प्रमोटर कम्पनी की स्वीकृति के संबंध में	10.06.11	निदेशक, ब्रेडा	SIPB	
9	745	प्रमोटर कम्पनी हेतु	10.06.11	निदेशक, ब्रेडा	SIPB	
10	709	7.5 MW के स्थान पर नालन्दा जिले में 10 मेगावाट के संबंध में	10.06.11	निदेशक, ब्रेडा		

### 3. (B) Communication with BREDA

SL. No.	Letter No.	Subject	Date	To	From	Remarks
1	715	M/s GHPL 5 District Power Plant के संबंध में	21.07.2011	M/s GHPL Pvt. Ltd. New Delhi	परियोजना निदेशक, ब्रेडा	Soft Copy for Project
2	766	SIPB को BHP नालन्दा को 7.5 MW के स्थान पर 10 MW पर सहमति के संबंध में	29.07.2011	निदेशक तकनीकी उद्योग विभाग, पटना	निदेशक, ब्रेडा	
3	468	स्टेट्स रिपोर्ट हेतु GHPL	04.05.2010	GHPL, New Delhi	निदेशक, ब्रेडा	
4	1525	सहमति के संबंध में	11.12.2011	GHPL, New Delhi	निदेशक, ब्रेडा	
5	466	स्टेट्स रिपोर्ट हेतु	04.05.2011	GHPL, New Delhi	निदेशक, ब्रेडा	



6	1. 1526	सहमति हेतु	11.12.10	SIPB	निदेशक, ब्रेडा	मंतव्य
	2. 469	स्टेट्स रिपोर्ट हेतु	04.05.11	GHPL	निदेशक, ब्रेडा	मंतव्य
7	1523	सहमति हेतु	11.12.10	SIPB	निदेशक, ब्रेडा	मंतव्य
8	764	सहमति हेतु	29.07.11	SIPB	निदेशक, ब्रेडा	
9	767	सहमति हेतु	29.07.11	SIPB	निदेशक, ब्रेडा	मंतव्य

### 3. (C) Communication with BSEB

SL.No.	Letter No	Subject	Date	To	From	Remarks
1	-	-	-	-	-	NA

### 3. (D) Communication with Energy Department

Communication with Energy Department						
SL.No.	Letter No	Subject	Date	To	From	Remarks
1	-	-	-	-	-	NA
2	-	-	-	-	-	NA

### 3. (E) Communication with BERC

SL.No.	Letter No	Subject	Date	To	From	Remarks
1	-	-	-	-	-	NA
2	-	-	-	-	-	NA

### 3. (F) Communication with Revenue & Land Reforms Department

SL.No.	Letter No	Subject	Date	To	From	Remarks
1	-	-	-	-	-	NA
2	-	-	-	-	-	NA

### 3. (G) Communication with MNRE

SL.No.	Letter No	Subject	Date	To	From	Remarks
1	-	-		-	-	NA
2	-	-		-	-	NA

### 3. (H) LIST of Locations Projects Submitted to SIPB

S.L	Site Location	Current Status
1	<b>Vaishali</b>	<b>DPR Submitted</b>
2	Aurangabad,Rafiganj	<b>DPR Submitted</b>
3	Nalanda, Harnaut	<b>DPR Submitted</b>
4	Begusarai	<b>DPR Submitted</b>
5	Rohtas(Sasaram)	<b>DPR Submitted</b>