

**F. No. 3/19/2006-CPG**  
**Government of India**  
**Ministry of New & Renewable Energy**  
**Biomass Power Division**

**Block-14, CGO Complex**  
**Lodi Road, New Delhi-110003.**

Date: 28<sup>th</sup> April, 2010

To

- Chief Secretaries of State Governments
- Heads of State Nodal Departments
- Heads of State Nodal Agencies
- Heads of Banks/leading Financial Institutions/NCDC/IREDA/MSBCL
- Central Electricity Regulatory Commission/State Electricity Regulatory Commissions

**Subject: Scheme for Implementation of Grid interactive Biomass Power and Bagasse Cogeneration Projects during 2010-11 and remaining period of the 11<sup>th</sup> Five Year Plan - regarding.**

Sir,

I am directed to convey the sanction of Govt. of India to the implementation of Biomass Power and Bagasse Cogeneration scheme during 2010-11 & 2011-12 as per following details.

2. The scheme provides for subsidy to projects for setting up biomass combustion based power projects and bagasse cogeneration projects in private/cooperative/public sector sugar mills. The details of the scheme entailing objectives, eligibility criteria, pattern of CFA for eligible projects, procedure and general terms and conditions for availing said financial assistance are given in **Annexure - I** enclosed.

3. The Ministry will continue to provide financial support for R&D activities, organization of seminars/symposiums/workshops/training programme, strengthening of technical institutions, testing facilities, engaging consultants, undertaking studies etc. on case to case basis.

4. The expenditure on the scheme will be met from the provisions under Demand No.67 for Biomass Power/ Bagasse Co generation budget head.

5. This scheme modifies earlier schemes relating to grid interactive renewable power generation projects based on biomass combustion and bagasse cogeneration and will be applicable from 1<sup>st</sup> April, 2010 and will continue up to the end of 11<sup>th</sup> Plan period i.e. 31 March, 2012. The general terms and conditions for CFA are given at **Annexure – II**. The scheme is subject to changes/modifications as may be decided by the Government from time to time, and is subject to availability of funds. The Ministry shall in no way be liable for expenditure incurred by promoters for pre-project preparation or other activities, merely on the basis of this circular and / or related announcement made by the Ministry. In case of any dispute on interpretation of any provisions under the scheme, the decision of the Ministry shall be final and binding.

6. This issues under the delegated powers of the Ministry of New and Renewable Energy with the approval of the competent authority and with the concurrence of IFD, MNRE vide their Diary No. IFD/17/2010-11 dated 7.4.2010.

Yours faithfully,

**(Dr. J.R. Meshram)**  
**Director**

Enclosures: as above

Copy for information to:

1. PS to Minister (NRE)
2. PSO to Secretary, MNRE
3. PS to AS&FA, MNRE
4. PS to JS(P&C), MNRE
5. Advisers/Directors, MNRE
6. CMD, IREDA
7. File copy

**(Dr. J.R. Meshram)**  
**Director**  
**E-mail – [jrmeshram@mnre.nic.in](mailto:jrmeshram@mnre.nic.in)**  
**Tel. No. 011-24365666**

**SCHEME FOR IMPLEMENTATION OF GRID INTERACTIVE BIOMASS POWER AND BAGASSE COGENERATION PROJECTS**

**1 OBJECTIVE**

The objectives of the Biomass power and Bagasse cogeneration programme of the Ministry are given below:

- (a) To promote setting up of biomass power projects with minimum steam pressure configuration of 60 bar and above for surplus power generation (grid interfaced on commercial basis).
- (b) To promote cogeneration projects for surplus power generation from bagasse in private/cooperative/public sector sugar mills with minimum steam pressure configuration of 40 bar and above (Grid interfaced on commercial basis).
- (c) To promote bagasse cogeneration projects for surplus power generation in cooperative/public sector sugar mills with minimum steam pressure of 60 bar and above, taken up through BOOT/BOLT model by IPPs/State Govt. Undertakings or State Government Joint Venture Company (Grid interfaced on commercial basis).

**2. ELIGIBILITY CRITERIA FOR ADMISSIBLE PROJECTS WITH RESPECT TO**

**a. Types of Biomass Resources**

- For biomass power project:  
Biomass will include Agro-based Industrial Residue, wood produced in Energy Plantations or recovered from wild bushes / weeds, wood waste produced in industrial operations; Crop / Agro Residues.
- For bagasse cogeneration projects:  
Bagasse during crushing season

**b. Financing Institutions**

All registered financial Institutions Development / investment corporations; all nationalized bank, private banks, Central & State Cooperative Banks, State/Public Sector Leasing and Financing corporations.

**c. Promoters**

Promoters includes individual / independent registered companies, Joint Sector / public sector companies / state agencies and private and public sector investors having technical and managerial capabilities for implementing Biomass Power / Bagasse cogeneration projects on BOOT / BOLT or IPP basis or State Govt. undertaking or Sate Govt. supported Joint Venture Company/SPV Company.

d. **Grid connected Biomass Power and Bagasse Cogeneration Projects with the following capacity/parameters will only be eligible under the scheme;**

<b>Biomass Power (combustion)</b>	:	<ul style="list-style-type: none"> <li>• Minimum 60 bar steam pressure</li> <li>• Maximum of upto 15% use of fossil fuel of total energy consumption in K. cal. or as per DPR, whichever is less.</li> <li>• For only new boilers and turbines (capacity limited to in accordance with the estimated potential in a state)</li> </ul>
<b>Bagasse Co-generation by Private/cooperative / Public Sector Sugar Mill</b>	:	<ul style="list-style-type: none"> <li>• Minimum 40 bar steam pressure</li> <li>• Maximum of upto 15% use of fossil fuel of total energy consumption in K. cal. or as per DPR, whichever is less, during crushing season.</li> </ul>
<b>Bagasse Cogeneration through BOOT/BOLT model by IPP's /State Govt. undertaking / State Govt. Joint Venture Company</b>	:	<ul style="list-style-type: none"> <li>• Minimum 60 bar steam pressure</li> <li>• Maximum of upto 15% use of fossil fuel of total energy consumption in K. cal. or as per DPR, whichever is less, during crushing season.</li> <li>• Minimum export of power – 5 MW.</li> </ul>
<b>Bagasse Cogeneration in existing cooperative sugar mill employing boiler modification</b>	:	<ul style="list-style-type: none"> <li>• Minimum 40 bar steam pressure.</li> <li>• PPA as per SERC.</li> <li>• Maximum of upto 15% use of fossil fuel of total energy consumption in K. cal. or as per DPR, whichever is less, during crushing season.</li> <li>• Minimum export of power – 3 MW.</li> </ul>

3. **SUBSIDY**

a. The subsidy for private sector project viz IPP Grid interactive biomass combustion power projects and bagasse co-generation in private / Joint sector sugar mills, IPP based BOOT/BOLT model projects in cooperative / Public sector sugar mills will be released after successful commissioning, and commencement of commercial generation and testing of the project (**Back ended subsidy**), except in the case of bagasse co-generation projects in cooperative/public sector sugar mills implemented by State Government undertaking / State Government Joint Venture Company/SPV Company (Urja Ankur Trust) through BOOT/BOLT model and cogeneration projects by cooperative / public sector sugar mill themselves, wherein 50% of eligible **upfront subsidy** will be provided and the balance 50% will be released after successful commissioning and performance testing of the project.

b. Subsidy depending upon category and type of grid connected projects is proposed to be provided as per table **A, B, & C**. The amount of capital subsidy would be calculated for biomass combustion power projects based on installed capacity and for bagasse cogeneration project in sugar mills based on surplus power exported to grid. The appraisal of the proposals / DPR as carried out by FI's will generally be acceptable to Ministry & will be considered by Ministry for eligible incentives under the programme.

**A. CFA for Biomass Power Project and Bagasse Cogeneration Projects by Private/Joint/Coop./Public Sector Sugar Mills**

	Special Category States (NE Region, Sikkim, J&K, HP & Uttarakhand)	Other States
<b>Project Type</b>	<b>Capital Subsidy</b>	<b>Capital Subsidy</b>
<b>Biomass Power projects</b>	<b>Rs.25 lakh X (C MW)<sup>0.646</sup></b>	<b>Rs.20 lakh X (C MW)<sup>0.646</sup></b>
<b>Bagasse Co-generation by Private sugar mills</b>	<b>Rs.18 lakh X (C MW)<sup>0.646</sup></b>	<b>Rs.15 lakh X (C MW)<sup>0.646</sup></b>
<b>Bagasse Co-generation projects by cooperative/ public sector sugar mills</b>		
<b>40 bar &amp; above</b>	<b>Rs.40 lakh *</b>	<b>Rs.40 lakh *</b>
<b>60 bar &amp; above</b>	<b>Rs.50 lakh *</b>	<b>Rs.50 lakh *</b>
<b>80 bar &amp; above</b>	<b>Rs.60 lakh *</b>	<b>Rs.60 lakh *</b>
	<b>Per MW of surplus power<sup>@</sup> (maximum support Rs. 8.0 crore per project)</b>	<b>Per MW of surplus power<sup>@</sup> (maximum support Rs. 8.0 crore per project)</b>

*\*For new sugar mills, which are yet to start production and existing sugar mills employing backpressure route/seasonal/incidental cogeneration, which exports surplus power to the grid, subsidies shall be one-half of the level mentioned above.*

*@ Power generated in a sugar mill (-) power used for captive purpose i.e. net power fed to the grid during season by a sugar mill.*

**B. CFA for Bagasse Cogeneration Project in cooperative/ public sector sugar mills implemented by IPPs/State Government Undertakings or State Government Joint Venture Company / Special Purpose Vehicle (Urja Ankur Trust) through BOOT/BOLT model**

PROJECT TYPE	MINIMUM CONFIGURATION	CAPITAL SUBSIDY
<b>Single coop. mill through BOOT/BOLT Model</b>	<b>60 bar &amp; above</b>	<b>Rs.40 L/MW of surplus power *</b>
	<b>80 bar &amp; above</b>	<b>Rs.50 L/MW of surplus power*</b>
		<b>(maximum support Rs.8.0 crore/ sugar mill)</b>

*\* Power generated in a sugar mill (-) power used for captive purpose i.e. Net power fed to the grid during season by a sugar mill.*

**C. CFA for Bagasse Cogeneration Project in existing cooperative sector sugar mills employing boiler modifications**

PROJECT TYPE	MINIMUM CONFIGURATION	CAPITAL SUBSIDY
Existing Cooperative Sugar Mill	40 bar & above	Rs.20 L/MW of surplus power *
	60 bar & above	Rs.25 L/MW of surplus power*
	80 bar & above	Rs.30 L/MW of surplus power*

*\* Power generated in a sugar mill (-) power used for captive purpose i.e. Net power fed to the grid during season by a sugar mill. CFA will be provided to the sugar mills who have not received CFA earlier from MNRE under any of its scheme.*

**4. QUALITY OF PROJECT**

Quality of project and the equipment utilised therein is considered important for reliability and long-term operations. Project developers would be required to follow various international standards or national standards for equipments utilized in a project.

**For Biomass & Bagasse Cogeneration Projects, equipments should confirm to the following standards**

Equipment	Standard
Boilers	ASME – BPVC – Section – 1 IBR 1950 and amendments thereof or conforming to these standards.
Steam Turbine	IEC 60045 DIN** 1943 CSN* 080030 ASME PTC 6.2 (Steam turbine in combined cycle) or conforming to these standards.
Alternator/Rotating Electrical Machines	IS-4722 (Rotating Electrical Machines) IS-5422 (50HZ Turbine type Generators-Basic requirements for rotating machines reference shall be made to IS4722) IEC60034 IEEE 115 or conforming to these standards
Power Transformers	IS 2026 IEC 60076 or its equivalent standard

\* CSN – Czech Republic

\*\*DIN – German Institute for standardization

The projects would also be required to be tested for performance. For biomass power and bagasse cogeneration projects concerned SEB or Transmission Company or Independent designated agency such as National Productivity Council (NPC)/National Power Training Institute (NPTI) or its Regional Office would carry out the performance test and the cost towards this would be borne by the developer.

## **5. PROCEDURE FOR AVAILING FINANCIAL ASSISTANCE**

a. **For under implementation biomass power and bagasse cogeneration projects in private / cooperative / public sector sugar mills and bagasse cogeneration project in cooperative sugar mill through BOOT/BOLT model -** The application, in the prescribed format given in **Proforma (BM-I, II & III as applicable)**, for availing the eligible financial assistance under the programme shall be forwarded by the Developer through lead FIs immediately after approval of the term loan with copy of their appraisal note for eligible financial assistance. The proposal will be examined in the Ministry and in **principle approval** will be issued for eligible proposals for providing **back ended subsidy** in accordance with the provisions of scheme.

b. For commissioned biomass power and bagasse cogeneration projects in private / cooperative / public sector sugar mills - Developers to forward the application through the FI as per prescribed Proforma (BM I & II) along with clearances, loan disbursement certificate, purchase order copy/purchase agreement for boiler and turbine, grid synchronization letter and CA certificate in original for total cost incurred on project for claiming eligible subsidy.

c. For projects to be implemented by the promoter without debt financing / loans from domestic FIs/Banks, the proposals should be directly submitted to the Ministry for financial support.

d. A Project Advisory Committee (PAC) set up by the Ministry would evaluate and recommend the proposals on cogeneration project by cooperative/public sector sugar mills and through BOOT/BOLT model taken up by IPP/State Govt. undertaking / State Govt. Joint Venture Company for financial assistance.

e. Mere submission of application, or in case additional information is sought by MNRE, the same would not tantamount to eligibility for subsidy.

f. All applications should reach MNRE addressed to: Dr. J.R. Meshram, Director Biomass and Cogeneration, Ministry of New and Renewable Energy, Block No.14, CGO Complex Lodhi Road, New Delhi (**E-mail [jrmeshram@mnre.nic.in](mailto:jrmeshram@mnre.nic.in) Tele. Fax No.24365666**).

## **6. RELEASE OF SUBSIDY**

### **Upfront subsidy/part subsidy**

**For under implementation bagasse cogeneration projects in cooperative / public sector sugar mills, boiler up gradation in existing cooperative sugar mill and BOOT/BOLT model through State Govt. undertaking / State Govt. Joint Venture Company, (Urja Ankur Trust) in cooperative / public sector sugar mills -** 50% of eligible subsidy will be released to the FI after financial closure and placement of order for major equipment and inspection of the project by designated agency such as SNAs/FIs/NPC/NPTI etc. Balance 50% will be released after successful commissioning

of the project as per DPR norms, and performance testing of the project which would inter-alia imply operation of the project for three months including at least 72 hours continuous operation at minimum 80% of rated capacity. A certificate of performance testing to be given by concerned SEB or Transmission Company or independent designated agency such as NPC/NPTI or its Regional Office etc. will have to be produced to this effect. The capital subsidy will be released to Financial Institutions who provides loans to BOOT/BOLT developers for setting up cogeneration projects toward reducing the loan amount and would be deemed as pre-payment of loan by the developers.

### **Back ended subsidy**

**For Biomass power & bagasse cogeneration projects in private sector sugar mills, IPP based BOOT / BOLT model in Coop./public sector mills** - Sanctioned subsidy amount shall be released in a single installment on successful commissioning of the project and performance testing of the project which would inter-alia imply operation of the project for three months including at least 72 hours continuous operation at minimum 80% of rated capacity. A certificate of performance testing to be given by concerned SEB or Transmission Company or independent designated agency such as NPC/NPTI or its Regional Office etc. will have to be produced to this effect. The subsidy would reduce the loan by an equivalent amount and would be deemed as a pre-payment of the loan by the developer. In case the project is set up by the developer through its own resources, the subsidy would be released directly to them.

## **7. INCENTIVES TO STATE NODAL AGENCIES**

The State Nodal Agencies would be given an incentive/service charge @ 0.25% of subsidy in order to facilitate developers in setting up Biomass Power & Bagasse Cogeneration projects. This would be released after release of full subsidy amount.

- 8.(a) For all sanctioned projects** - The developer or his successor will be required to provide month-wise generation data on half-yearly basis to MNRE for a period of five years after it has commenced commercial generation.
- (b)** The evaluation of the Biomass Power and Bagasse Cogeneration scheme will be carried out in the last year of the 11<sup>th</sup> Plan.

## **9. ONGOING SANCTIONED PROJECTS AND PENDING PROPOSALS**

In order to rationalize incentives given by the Ministry under its old schemes for grid interactive renewable power, it is proposed that such projects which have been supported by the Ministry in past under its interest subsidy schemes would be given option to get the un-disbursed subsidy amount adjusted against the outstanding loan amount as one time support after successful commissioning of the project as above. The subsidy total amount as per the proposal will be equivalent to the original sanctioned interest subsidy amount, taking the appropriate discount factor used in the case of release of funds to IREDA. This would not lead to any additional outgo of funds as the same have already been released to IREDA / other FIs

- 10.** The scheme would be applicable from the date of its issue and would continue upto the end of 11<sup>th</sup> Five-Year Plan i.e. 31 March 2012.

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**APPLICATION FORMAT FOR SCHEME OF GRID INTERACTIVE BIOMASS AND BAGASSE  
COGENERATION PROJECTS (Back ended / Upfront Subsidy)**

**[TO BE FILLED IN BY PROMOTER & FORWARDED THROUGH LEAD FI]**

**1. GENERAL**

- (i) Name, Address, Phone, Fax & Email of applicant. :
- (ii) Name and designation of authorised signatory :
- (iii) Constitution (Whether Private Sector/Public Sector / joint sector/Co-operative . etc.) :
- (iv) Location of project (Village, District, State) :

**2. PROJECT DETAILS**

- (i) Whether new or existing sugar mill :
- (ii) Licensed Sugar Mill crushing Capacity (TCD) for last 3 years : 2007-08, 2008-09 & 2009-10
- (iii) Cane crushed during season for last 3 years :
- (iv) No. of crushing days during season for last 3 years :
- (v) Average crushing MT per day for last 3 years :

**3. POWER GENERATION**

- (i) Installed capacity (MW) :
- (ii) Exportable capacity (MW) :
- (iii) Surplus Exportable during season (MW) :  
Operating days during Season /Off-Season :

**4. WHETHER TIE-UP/AGREEMENT FINALISED**

- (i) PPA with utility / power trader : (Yes/No)
- (ii) Firming of equipment/technology : (Yes/No)
- (iii) Disbursement of loan : (Yes/No)

**5. TECHNOLOGY USED**

- a. Please specify combustion/cogeneration)
- b. Physical Status of the project
- c. Likely commissioning of the project

**6. BIOMASS**

- a. Type of biomass (Please enclose details of availability of biomass)
  - i. Agro Industrial Residue
  - ii. Agro Residue (Please specify)
- b. Quantity required
  - i. Daily (Tones)
  - ii. Yearly (Tones)
- c. Cost of Biomass at site (Rs. per ton)
- d. Proposed biomass storage facility

- 7. SUPPORT FUEL**  
Type of other fuels, if proposed to be used as Support / Supplementary Fuel :
- 8. AVERAGE COST OF GENERATION (Rs/Kwh) :**
- 9. FINANCING**
- Total cost of project as approved by FIs :
  - Means of financing
    - (i) Debt : Equity Ratio :
    - (ii) Promoter's contribution (Equity) :
    - (iii) Term loans with rate of Interest (FI wise) :
    - (iv) Name and address of the Bank / branch :
    - (v) Any other source of funding :
    - (vi) Total :
- 10. TECHNICAL**
- (i) Design pressure and temperature of steam generation :
  - (ii) Capacity of boiler & make :
  - (iii) Capacity of turbine & make :
  - (iv) Grid voltage at which interconnection is to be done :
- 11. TECHNICAL  
(FOR CO-OPERATIVE SUGAR MILL EMPLOYING BOILER MODIFICATION)**
- (i) Capacity of boiler & make :
  - (ii) Details of modification carried out in boiler :
  - (iii) Earlier and present design pressure and temperature of steam generation:
  - (iv) Present capacity of boiler :
  - (v) Present capacity of turbine :
  - (vi) Grid voltage at which interconnection is to be done :

(Authorized Signatory (Promoter))

Date:

Place:

Enclosure check list / Whether enclosed (Please tick)

- 1. One copy of DPR as accepted by FI(s) ( )
- 2. Copy of PPA ( )
- 3. Copy of Statutory clearances / State Government approvals/PCBC ( )
- 4. Sanction Order of FI(s) ( )
- 5. Attested copies of loan Agreement (s) ( )
- 6. Appraisal Note of FI(s) ( )
- 7. Disbursal certificates (FI-wise) ( )
- 8. Grid synchronization letter ( )  
(for commissioned project)
- 9. Purchase order / agreement for boiler and turbine ( )
- 10. CA certificate in original for total cost incurred on project ( )  
(for commissioned project)

**[TO BE FILLED BY LEAD FINANCIAL INSTITUTIONS FOR ALL BIOMASS POWER AND  
COGENERATION PROJECTS AVAILING LOAN]**

<p>Name and address of the Lead Bank &amp; Branch</p> <p>Name of Project Account Holder &amp; Project Loan Account No.</p> <p>Bank's Account No. (for transferring eligible subsidy through RTGS)</p> <p>IFSC Code of the Bank</p> <p>MICR Code of the Bank</p> <p>Account Type of Bank</p> <p>Name, Address, Telephone Number, Fax Number &amp; Designation of the contact person of Bank</p>	
<p>ii) Whether any application made / proposed to be made for any other financial assistance / subsidy / loan for the project from any organization in India or abroad. If yes, please give the source details.</p>	
<ul style="list-style-type: none"> <li>• Crushing capacity (Actual &amp; Licensed) (sugar mill only)</li> <li>• Biomass quantity used per day (for biomass project)</li> </ul>	
<ul style="list-style-type: none"> <li>• Cost of the project (As approved by FIs)             <ol style="list-style-type: none"> <li>1. Civil Works</li> <li>2. Plant &amp; Machinery</li> <li>3. Misc. Equipment</li> <li>4. Pre-operative expenses</li> <li>5. Others</li> </ol> </li> </ul>	
<ul style="list-style-type: none"> <li>• Means of Financing (As appraised by FIs)             <ol style="list-style-type: none"> <li>1. Promoters/Mills contribution (equity)</li> <li>2. Term loan with interest (FI wise)</li> <li>3. Any other sources</li> <li>4. Total Project Cost</li> </ol> <ul style="list-style-type: none"> <li>▪ Appraised Installed Capacity (MW)</li> </ul> </li> <li>• Appraised Net / Exportable Power (MW) During season / off season</li> </ul>	
<p>iv) Physical Status</p>	
<p>v) Anticipated commissioning schedule</p>	
<p>vii) a) Whether power purchase agreement with utility or power trader has been signed ?</p> <p>b) Total loan disbursed (FI wise) (release certificate to be enclosed)</p>	
<p>viii) Amount of estimated Capital Subsidy as per GOI sanction order</p>	<p>Rs.</p>

(Authorized Signatory of F.I.)

Date:

Place:

**APPLICATION FORMAT FOR SCHEME OF GRID INTERACTIVE BAGASSE COGENERATION  
PROJECTS IN COOPERATIVE / PUBLIC SECTOR SUGAR MILLS THROUGH BOOT/BOLT MODEL**

**[TO BE FILLED BY BOOT / BOLT PROJECT DEVELOPER & FORWARDED THROUGH LEAD FI]**

i) Name of the <b>BOOT / BOLT PROJECT DEVELOPER</b> complete address, telephone number, fax number, e-mail etc., and name & designation of the contact person (IPP / State Govt. undertaking / State Govt. Joint Venture Company)	
ii) Name of the Host Sugar Factory (HSF) complete address, telephone number, fax number, e-mail etc., and name & designation of the contact person	
iii) Type of agreement & period (years)	BOOT / BOLT : __ years
iv) (a) Whether new or existing sugar mill : (b) Licensed Sugar Mill crushing Capacity (TCD) : for last 3 years (c) Cane crushed during season for last 3 years : (d) No. of crushing days during season for last 3 years: (e) Average crushing MT per day for last 3 years : (as per agreement) (f) Average crushing MT per day (as per agreement :	<u>2007-08, 2008-09 &amp; 2009-10</u>
v) Cogen plant capacity (MW) & pressure / temperature configuration	
vi) Guaranteed steam & power consumption, post HSF modernization	___ % cane as steam consumption & ___ kw / MT of cane crushed as power consumption
vii) Cost of the project (As approved by FIs), Rs. crore  1. Cogen power plant 2. HSF modernization 3. Fuel linkage project 4. Total	
viii) Means of Financing (As appraised by FIs), Rs. crore for cogeneration power project only 1. Promoter's contribution 2. Term loan (FI wise) with rate of Interest 3. Any other sources of funding 4. Total 5. Name & address of Bank or Branch	

ix) Physical Status  1. Signing of MoU with host sugar factory 2. Signing of project development agreement 3. Approval by competent authority (if applicable) 4. Approval by board of project developer 5. Approval by HSF board 6. Approval by HSF AGM 7. Award of EPC contractor for cogen plant equipment (or boiler / STG packages) 8. Appointment of EPC contractor for sugar factory modernization (or packages thereof) 9. Appointment of EPC consultant or owner engineer / consultant 10. Appointment of architect & civil contractor 11. Appointment of project team & key personnel	
x) Expected commissioning schedule	
xi) a) Whether power purchase agreement with utility or power trader has been signed ?  b) Total loan disbursed (FI wise) (release certificate to be enclosed)	
xii) Amount of eligible Capital Subsidy as per GoI Sanction Order.	Rs. _____

xiii) Enclosure check list / Whether enclosed (Please tick)

1	Copy of DPR as accepted by FI(s)	
2	Copy of PPA	
3	Copy of Project Development Agreement (PDA) with HSF	
4	Copy of approval to PDA from competent authority	
5	Copies of board resolutions of HSF	
6	Copy of Statutory clearances / Central & State Government approvals / EC / SPCB	
7	Sanction Order of FI(s)	
8	Authorized / attested copies of loan Agreement (s)	
9	Appraisal Note of FI(s)	
10	Disbursal certificates (FI-wise)	
11	Copies of EPC contracts / package contracts	
12	Any other (please specify)	

(Authorized Signatory of BOOT/BOLT Project Developer)

Date:

Place:

GENERAL TERMS AND CONDITIONS FOR SUBSIDY BY GOVERNMENT FOR BIOMASSPOWER & BAGASSE COGEN. PROJECTS

- (i) Approval of the proposal and the subsidy being released to FI is towards prepayment of loan by developers for specific project and the subsidy is required to be utilized towards the reducing the loan amount for the project within the stipulated time. Any portion of the subsidy amount sanctioned which is not utilized would be required to be surrendered to the Government of India and carry forward of funds to the next financial year for utilization for the project during that year may be considered with the specific approval of this Ministry.
- (ii) The achievements made during the course of the project will be photographically covered from time to time and a copy of each such photograph will be sent to this Ministry for information and record.
- (iii) The organization will arrange to display a Notice Board at prominent place at the project site to the effect that the project has been financially supported by Ministry of New & Renewable Energy (MNRE).
- (iv) The organization shall ensure that the time schedule laid down for the execution of the project is strictly followed.
- (v) The organization would render to this Ministry an audited statement of accounts including comments of the Auditor(s) regarding the observance of the condition governing the subsidy within six months following the end of each financial year.
- (vi) The Comptroller and Auditor General or any other Agency/officer(s) authorized by this Ministry will have the right of access to the books and accounts of the organization for subsidy received from the Government.
- (vii) The recipient financial institution shall provide utilization certificates in the prescribed format as per the **GFR form 19A (copy enclosed)**. Audited Statement of Expenditure to be submitted by the developer at the time of seeking next installment as per the Terms & Condition of the sanction.
- (viii) Equipments acquired with Govt. of India assistance should not be disposed of or encumbered or utilized for purpose other than for which subsidy has been sanctioned without prior approval of the Ministry.
- (ix) MNRE reserves the right to add/alter/change these conditions at its sole discretion in the wider interest of the scheme.

**FORM GFR 19 A**

**(See Government of India's Decision (1) below Rule 150)**

**Form of Utilization Certificate**

S.No.	Letter No. & Date	Amount

Total

Certified that out of Rs..... of subsidy sanctioned during the year ..... under this Ministry/Department Letter No. given in the margin and Rs..... on account of unspent balance of the previous year, a sum of Rs..... has been utilised for the purpose of ..... for which it was sanctioned and that the balance of Rs..... remaining unutilised at the end of the year has been surrendered to Government (vide No..... dated) / will be adjusted during towards the subsidy payable during the next year.

2. Certified that I have satisfied myself that the conditions on which the subsidy was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised :

- 1)
- 2)
- 3)
- 4)
- 5)

Signature  
Designation  
Date

SPACE BELOW FOR USE IN THE MNES

Countersigned by the Division concerned.

SSO / PSO / DIRECTOR

HEAD OF THE DIVISION