

# **S** *BIESSE GROUP*



# THE COMPANY

Founded in 2010 by the will of the Belussi Family, the BIESSE GROUP is the landing point of a twenty-year experience in the electrical, plumbing and heating, data network.

? Strong skills inherited from a long experience in general electrical system engineer, the company is now a subject capable of containing all production and engineering phases, from the development of market research, from construction to maintenance, with a particular focus for innovative research, making these the keys to its business model.



# ACTIVITY

BIESSE GROUP has in fact a direct experience and in-depth general plant engineering and in the renewable energy sector, where operating for over twenty years' by Biesse Energie Srl .

Attentive to the changes and the evolution of the market, also launched new lines of business , closely related to general plant engineering, to its needs and to its essence, characterized by that guarantees stability margins and profits.



**OVER 3.500 KW REALIZED**

# PHOTOVOLTAIC

PHOTOVOLTAIC PLANT  
+ SUBSTATION CONNECTION ENEL

Customer: Sicim SpA  
Country: Busseto (PR)  
Power: 1.386 kW  
Type: roof, removal



PHOTOVOLTAIC PLANT  
+ SUBSTATION CONNECTION ENEL

Customer: Salel Solare Srl  
Country: Carpaneto Piacentino (PC)  
Power: 846 kW  
Type: roof, removal eternit  
Date connection: 2012



PHOTOVOLTAIC PLANT  
+ SUBSTATION CONNECTION ENEL

Customer: Six Energy Srl  
Country: Carpaneto Piacentino (PC)  
Power: 819,12 kW  
Type: roof, removal eternit  
Date connection: 2012



PHOTOVOLTAIC PLANT

Customer: F.lli Fedeli & C.

Country: Busseto (PR)

Power: 97,2 kW

Type: roof, removal eternit

Date connection: 2011



PHOTOVOLTAIC PLANT

Customer: Fin Sole Srl

Country: Salizzole (VR)

Power: 400 kW

Type: land and roof with removal eternit

Date connection: 2013



# O&M

PHOTOVOLTAIC PLANT  
+ SUBSTATION CONNECTION ENEL  
Customer: Sicim SpA  
Country: Busseto (PR)  
Power: 1.386 kW



PHOTOVOLTAIC PLANT  
Customer: Seriline Snc  
Country: Lodi (LO)  
Power: 42 kW



PHOTOVOLTAIC PLANT  
Customer: Fin Sole Srl  
Country: Salizzole (VR)  
Power: 400 kW



# SPECIAL PROJECTS

## PRODUCTION ELECTRIC POWER AND DISTRICT HEATING

Customer: Comune di Sedrina

Country: Sedrina (BG)

Thermic power: 12,9MW

Date: 2009

Fuel: wood chips virgin



## REMOTE MANAGEMENT SYSTEM AND INSTRUMENTS / EQUIPMENT

Customer: Tamoil

Country: Collombey, Switzerland

Type of installation: electric system ad-ft, place with danger of explosion

Date: 2009



# THE NEWS PROJECT

# COGENERATION PLANT BIOMASS

## WOOD : 200KW



# WHERE ?

Situated in close proximity of industrial and agricultural reality and require the use of heat and heating of the product from the plant with cogeneration from wood biomass.

A heat of natural origin, not derived from non-renewable energy sources such as oil or natural gas.



# REGULATORY

The Financial Regulation is defined in DM updated July 6, 2012 to January 13, 2014

## RATES INCENTIVE

The tariffs are determined and fixed for 20 years for selling heat and low emissions reference DM



**Incentivazione della produzione di energia elettrica  
da impianti a fonti rinnovabili diversi dai fotovoltaici**

**PROCEDURE APPLICATIVE DEL D.M. 6 luglio 2012 CONTENENTI I  
REGOLAMENTI OPERATIVI PER LE PROCEDURE D'ASTA E PER LE  
PROCEDURE DI ISCRIZIONE AI REGISTRI**

*(Ai sensi dell'art. 24, comma 1 del D.M. 6 luglio 2012)*

Aggiornamento del  
13 gennaio 2014

# PLANT

Electrical power: 200 kWe

Thermal Power: 300 kWt

Annual operating hours: 7,900 guaranteed

annual net electric Manufacturability: 1.390.400 kWh / year

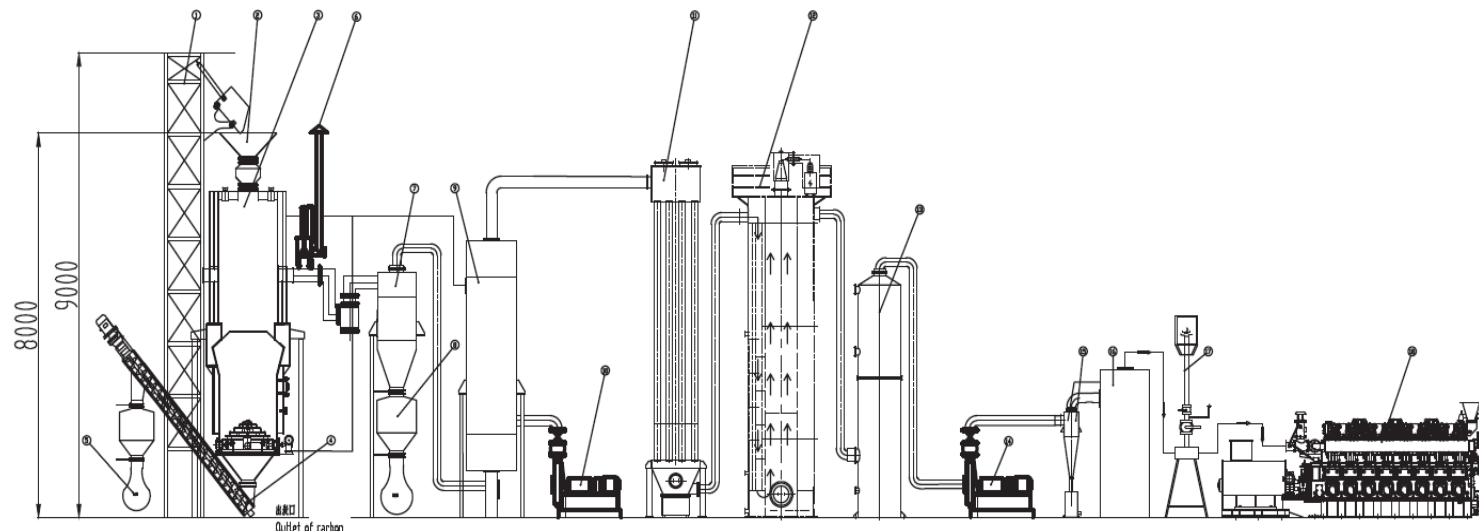
annual temperature Manufacturability: 2,250,000 kWh / year

electricity sale Board: Total Disposal

Regime transfer heat / district heating: Total Transfer to adjacent plant companies

Feed-in tariff GSE connection 2018 € 0.246 / kWh

CAR rate premium and district heating + tariff premium emissions requirements in the atmosphere: 0.07 € / kWh



# THE POLICY

- The Policy All Riks: is a product that will be provided by the operator O & M and will ensure the loss of production and the reconstruction of the plant in case of damage of any kind. The insurance will be chosen from time to time by the operator and must be a company of primary importance.

# TIMELINE



TIMELINE

- The complete installation and commissioning of the entire cogeneration plant in service will occur in about No. 5 months from the date of signing of the EPC contract and O & M.

Following the conclusion of the work will be carried out final tests and the system will be ready for the first commissioning.

In the end, the GSE / UTIF practices necessary to obtain the incentives will be carried out.

The incentives will be paid by the GSE directly to the owner and responsible for the system and not the operator.

# PROJECT

GENERAL PROJECT INCLUDES THE CONSTRUCTION OF DIFFERENT CO-GENERATION SYSTEMS WOOD BIOMASS

- COST OF PRODUCTION OF EACH SYSTEM 1 ML EURO
- IRR PROJECT ( ebitda ) 20 YEARS 21,64%