PRESS RELEASE

New A2A 110MW power plant in Cassano d'Adda to be built by Cefla and Wärtsilä

Cefla, a leading company in Italy in the design and construction of cogeneration plants and in the field of power generation plants, will build a new 110 MW power plant with natural gas for A2A - to be installed at the existing Cassano d'Adda facility. The plant will be a dedicated facility for electrical power balancing service (for the Italian Capacity Market system) to ensure grid stability and to balance renewable energy sources which, in Italy, are currently on a constantly upward development trend.

The contract with A2A was signed by a consortium of companies formed by Cefla and Wärtsilä, a global leader in innovative technologies and lifecycle solutions for the marine and energy markets and will be implemented over the next two years.

By securing this contract, Cefla further consolidates its position as standard-setter in the sector for the most efficient large-scale power plants with gas engines.

Imola, Italy, 20/01/2022 - The remarkable development of renewable sources in Italy and the further increase expected in accordance with the PNRR (National Recovery and Resilience Plan) as part of the Energy Transition plan implemented at European level makes it necessary to create a number of backup power plants, suitable for quick starting, in order to guarantee grid continuity of service, stability and safety at times when the production of energy from renewable sources is reduced for climatic reasons. In this scenario, A2A has launched this initiative which will be implemented by the Cefla/Wärtsilä consortium, based on a plant designed to make use of the most efficient technologies, with electric power up to 110MW to ensure power backup for the grid, ready to come into play within a few seconds. The technology applied requires the use of internal combustion engines built by Wärtsilä, highly suitable for this type of application because they ensure quick starts and low exhaust emissions.

With this plant, A2A will contribute through the "Capacity Market" system to ensuring adequate grid safety - which is a necessary precondition for the constant growth of renewable sources in Italy, within the scope of the Italian national energy and decarbonisation plan to be implemented by 2030 and with PNRR (National Recovery and Resilience Plan) funding.

The Capacity Market is a system managed by Terna, the Italian grid system operator, designed to guarantee system stability to support the expected increase in the national solar and wind energy production which is not programmable.

"Cefla, which is celebrating its 90th anniversary this year, through its Engineering Business Unit **will specifically deal with** the complete "turnkey" development **of project engineering, construction, installation and testing of the new plant - which will replace a previously existing plant.** Cefla therefore plays a leading role in the construction of the new plant, which confirms the outstanding level of design and construction expertise reached by our company in the energy sector. Our expertise, acknowledged by the market, has allowed us to be selected by one of the top "Power Producers" in Italy, A2A, something we are extremely proud of. Another great achievement by our company – today present thanks to the Plant Engineering company on the German market, where we hope to develop new initiatives for innovative plants as part of the energy transition process," explains Massimo Pinoli, International Energy Sales Director with Cefla Engineering.

The new plant is based on a modular plant concept with six Wärtsilä 50SG natural gas engines split between two engine rooms and will become operational in 2023. When completed, this facility will be among the most important "backup power" plants in Italy, operating with gas fuelled internal combustion engines. Natural gas is the cleanest of all fossil fuels, and is considered an important transition fuel toward a zero-carbon future.

"For us, securing a contract for this new plant in partnership with Wärtsilä is a source of great pride and a drive to continue to do even better and develop important innovations. Above all, our goal is to continue to invest in the energy industry - where we have strengthened our highly sector-specific skills in recent years - with increasingly specialised solutions for the design and construction of cogeneration power plants, biomass plants and plant engineering services in the Energy field," explains Massimo Milani, Managing Director of Cefla's Engineering Business Unit.

ABOUT US:

Cefla consists of 4 Business Units. Each has its own history of success, products and innovations. Yet they are all part of a shared quest for improvement in which partnerships and skills interact to generate excellence and ensure satisfaction for all its customers and stakeholders. The Engineering Business Unit has been a key player in the design, construction and running of technological systems in the civil, industrial and cogeneration and trigeneration plant sectors for over 40 years, improving the well-being and comfort of the places where people live, work and experience shared leisure time.

In recent years, Cefla's commitment has focused strongly on the development of large-scale high-efficiency, high-sustainability plants serving district heating networks that supply electricity and heat to hundreds of thousands of people, such as the power plant built in Rome (Tor di Valle district) for Acea, where all the heat is used to supply the city district heating network, serving approximately 100,000 residents. Or the 50 MW power plant currently under construction in Cottbus (Germany), serving the city's district heating network and entirely replacing the existing coal-fired power plant.

Find out more: https://www.ceflaengineering.com/it/cottbus-webseries/

Cefla Engineering

www.ceflaengineering.com

For 90 years Cefla's Engineering Business Unit has been designing, building and managing technological systems in the civil, industrial and energy sectors, improving well-being and comfort in the places where people live, work and share moments of leisure.

It has been involved in the energy sector for over 40 years. It designs, builds and runs cogeneration and trigeneration plants, heat recovery and gaseous flow purification facilities and large-scale district heating systems that provide light and heat to hundreds of thousands of people.

The Business Unit operates as a partner to industrial customers, providing them with close support in completing the energy and plant engineering set-up (especially on new plants).

This is done jointly with the end customer: construction of the plant/energy architecture, engineering of the content, construction of the facility and subsequent maintenance of everything that's installed.

LinkedIn | Cefla Engineering https://www.linkedin.com/company/cefla-engineering

Youtube | Cefla Engineering https://www.youtube.com/channel/UChOXL7yDRr3aUY7Eb872Wcg

Cefla

www.cefla.com

Cefla is a multi-business Italian group, founded in 1932 in Imola (Bologna) where it has its head offices and several manufacturing facilities. The Group does business all over the world and has some thirty facilities (about half of which engage in manufacturing) in numerous countries. Cefla operates in four specific business areas: Cefla Engineering (plant engineering in the civil, industrial and energy sectors); Cefla Finishing (machines and complete plants for coating and finishing); Cefla Medical Equipment (technology for the dental and medical sectors); Cefla Lighting (innovative technology for the lighting industry).