

P3: CEO – Complexul Energetic Oltenia



Complexul Energetic Oltenia was established in accordance with the Government Decision No. 1024/2011 concerning the reorganisation of the electricity producers, by the merger of the following companies: Complexul Energetic Rovinari SA; Complexul Energetic Turceni SA; Complexul Energetic Craiova SA; Societatea Națională a Lignitului Oltenia Târgu Jiu SA. The company is administered in a dualist system by the Directorate and the Supervisory Board.

Number of employees: approx. 15,200: 5,200 employees - energy activity and 10,000 employees - mining activity

Object of activity: lignite - fired energy and thermal power generation; lignite extraction and preparation.

CE Oltenia is the only lignite producer in Romania and the major player in the energy services sector of the National Power System.

Production capacities: 13 power units with an installed capacity of 3900 MW and 134 high capacity mining equipment able to provide a production capacity of over 34 million tons of lignite per year distributed over 11 open pits with continuous flow extraction technologies.

Energy market: In 2015, CE Oltenia achieved sales of electricity (98%), sales of thermal energy (2%), and provided approx. 3634 hGW ancillary services. In Romania, the power producers are divided according to the source of power generation, unlike the rest of the world, where there is only a mixture of sources to generate power.

Complexul Energetic Oltenia offers: basic power in the National Power System; exploiting Oltenia lignite resources with maximum efficiency; safe energy - a significant factor of stability in the National Power System; the generation of energy is not depending on the atmospheric factors; efficient power; wide experience in the field of activity; efficient and reliable generation process by extending the lifetime of the existing production capacities; all 13 power units are qualified to provide ancillary services; 10 power units are qualified to provide Secondary Control; relatively cheap energy - the generation cost is below the average in the National Power System; clean energy - meeting all the environmental requirements. Complexul Energetic Oltenia is a major player on the local energy market and aims at becoming a significant player on the regional market through energy export at competitive prices.

WHY Complexul Energetic Oltenia? Provides safe power supply of consumers under conditions of random operation of the renewable power producers; Mitigates environmental impact and provides power efficiency due to the implemented projects; Is able to provide 30% of the power consumption in the national power system; Provides over 95% of the lignite production in Romania; Provides 15,000 jobs within the company and other 150,000 jobs outside the company; Able to be a major regional and European player.

The main contributions of P3-CEO in this project will be:

- i) inventory and mapping of the residue streams distribution within the selected sites;*
- ii) experimental sampling and physical characterization of ash samples;*
- iii) dissemination of results by participating to workshops, visit to ash deposits, preparing scientific articles, patent application.*



Eng. Ionel Gabriel CHIRCULESCU

P3: CEO – Complexul Energetic Oltenia SA, 5 Alexandru Ioan Cuza Street, Târgu Jiu, Gorj County, ROMANIA, Code 210140

Tel. +40253205401, Fax +40253227280; gabriel.chirculescu@ceoltenia.ro