

## **Goals and Objectives**

### **Ekibastuzskaya GRES-1 named after Bulat Nurzhanov LLP for 2023 in the field of quality, environmental protection, health and safety, energy efficiency, anti-corruption and fraud**

#### **I. In the field of occupational health and safety**

Purpose: To ensure the safety, preservation of health, efficiency of workers in the process of work:

- Strengthen the role and responsibility of employees for the performance of key safety and health functions at all levels of relationships;
- To prevent group accidents and fatal accidents with employees of the Partnership and employees of contracting organizations;
- Take measures to contain the spread of COVID-19 coronavirus infection and similar viruses;
- Timely technical inspections, examination of technical devices to determine the possible duration of their further safe operation.

#### **II. In the field of Combating corruption and fraud**

Objective: To minimize the risk of involvement of officials and employees of the Partnership, regardless of their position, in corrupt and fraudulent activities:

- To prevent the possibility of causes and conditions that contribute to the commission of corruption and fraudulent offenses.

#### **III. In the field of Environmental protection**

Goal: To minimize the level of environmental pollution:

- Specific emission of pollutants not more than - 11.23 g/1 kW\*h;
- The specific volume of ash and slag waste is not more than 246.2 g/1 kW\*h;
- Do not allow contamination of the station territory. Observe cleanliness and order in the fixed areas.
- Reclamation of the ash dump on an area of 30 hectares;
- Planting of trees on the border of the sanitary protection zone of at least 500 pieces;
- Transfer of production and consumption waste to specialized enterprises for disposal/recycling/ disposal.

#### **IV. In the field of Quality:**

Purpose: To provide the consumer with an uninterrupted and reliable supply of electric energy:

- Ensuring the production of at least 22.15 billion kWh.;
- Do not exceed the coefficient of forced stops more than - 4.2%;
- Do not exceed the number of technological violations (accidents, failures) - 1.35 ost./billion.kWh, (30 technological violations).

#### **V. In the field of Energy Saving:**

Objective: To ensure the level of technical and economic indicators and economical consumption of energy resources:

- The specific consumption of conventional fuel is not more than – 346.0 g/kWh;
- Electricity consumption for own needs – no more than 4.69 %;

- The specific water consumption per GZU is not more than 2.0 m<sup>3</sup>/MWh.;
- Intra-station losses of steam and condensate no more than - 0.85 %;
- The operating time of LDPE from the operating time of power units up to 80 %;
- The operating time from the start of operation to the occurrence of the first failure is at least 2,800 hours.

**Director general  
LLP "Ekibastuz GRES-1  
named after Bulat Nurzhanov":**

**E.Yertaev**

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