



## PORTFOLIO DTEK ESCO



## DTEK ESCO EPC PORTFOLIO IN INDUSTRY SECTOR

Modernization  
of lighting  
systems

**400**  
million UAH

Modernization  
of gas-consuming  
equipment

Modernization  
of electric drives

### Energy-efficient investments

- Modernization of lighting systems
- Automation of electric drives with frequency regulations (pumps, fans, conveyors)
- Compressor equipment
- Modernization of heating, ventilation, utilization of heat, climatic systems
- Cogeneration units for electricity and heat generation
- Modernization of gas-consuming equipment (boilers, furnaces, firing machines, etc.)
- Alternative and renewable sources of energy, reactive power compensation

## ENERGY EFFICIENCY 10 YEARS BENEFITS FOR OUR CLIENTS



**ENERGY  
SAVINGS**

**443**

million kWh

and

**16**

million m<sup>3</sup>  
of natural gas



**COST  
SAVINGS**

**1050**

million UAH

or

**37**

million USD



**ENVIRONMENTAL  
IMPACT**

**425**

thousand CO<sub>2</sub>  
eq. emissions  
reduction

# MODERNIZATION OF PUMPS AT CENTRAL MINING AND PROCESSING PLANT



**50%**  
of savings

Modernization of  
31 pumps with 21  
frequency converters  
and installation of  
7 new engines

5.9 million kWh savings  
per year

## BURNERS ON THE KILN MACHINES AT ILYICH IRON AND STEEL WORKS

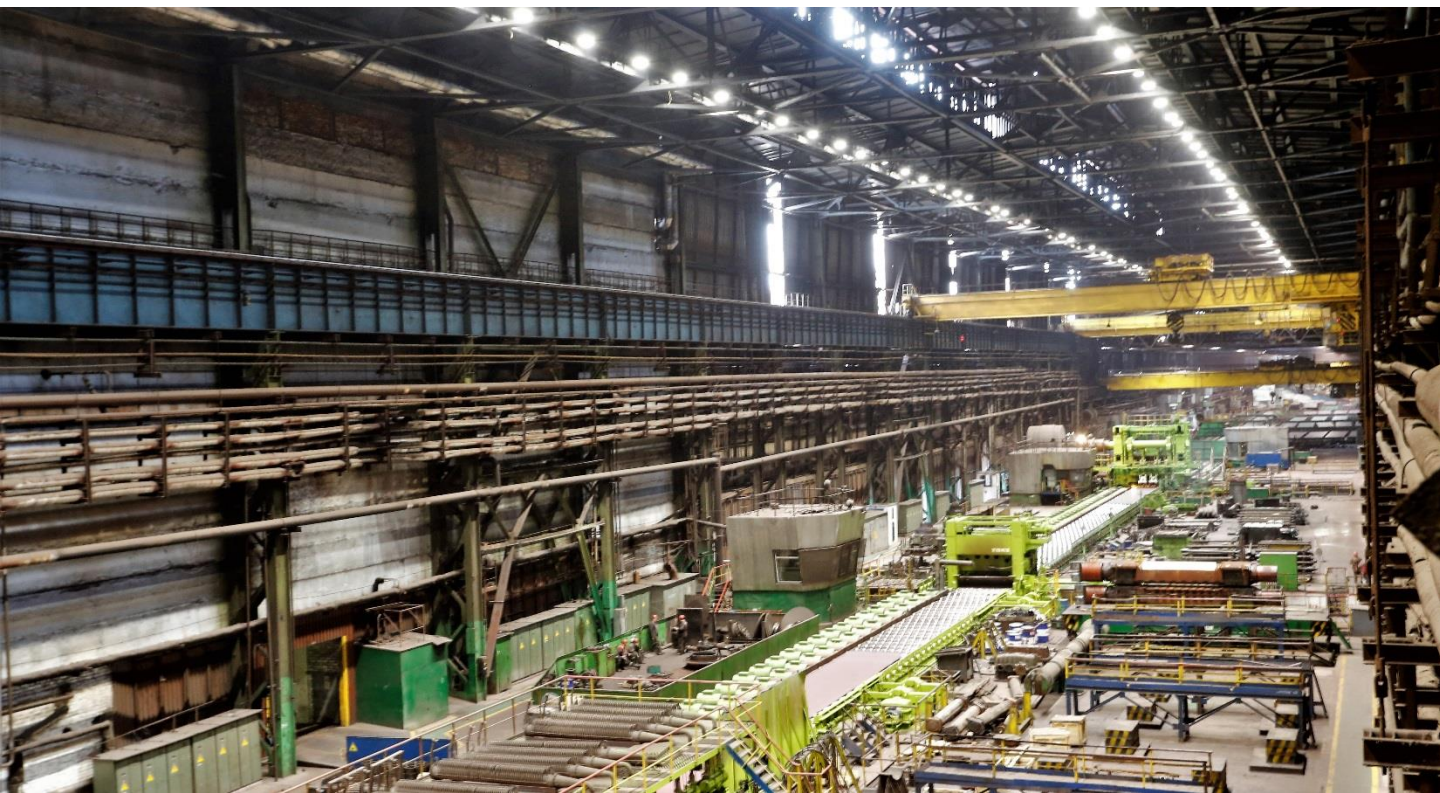


**35%**  
of savings

24 modern gas burners  
and 3 sets of  
automation

1.6 million cubic meters  
of natural gas savings  
per year

# MODERNIZATION OF THE ELECTRIC LIGHTING SYSTEM AT ILYICH IRON AND STEEL WORKS



**60%**  
of savings

2200 LEDs were installed at plate rolling department

7.2 million kWh of savings per year is expected

## MODERNIZATION OF LIGHTING SYSTEM AT DOBROPILSKA CEP



**90%**  
of savings

600 LEDs were installed

2 million kWh savings  
per year

# MODERNIZATION OF THE ELECTRIC LIGHTING SYSTEM AT PAVLOGRADSKA CEP



**85%**  
of savings

650 LEDs were installed

1.1 million kWh savings  
per year

# MODERNIZATION OF THE ELECTRIC LIGHTING SYSTEM AT LADYZHYNKA TPP

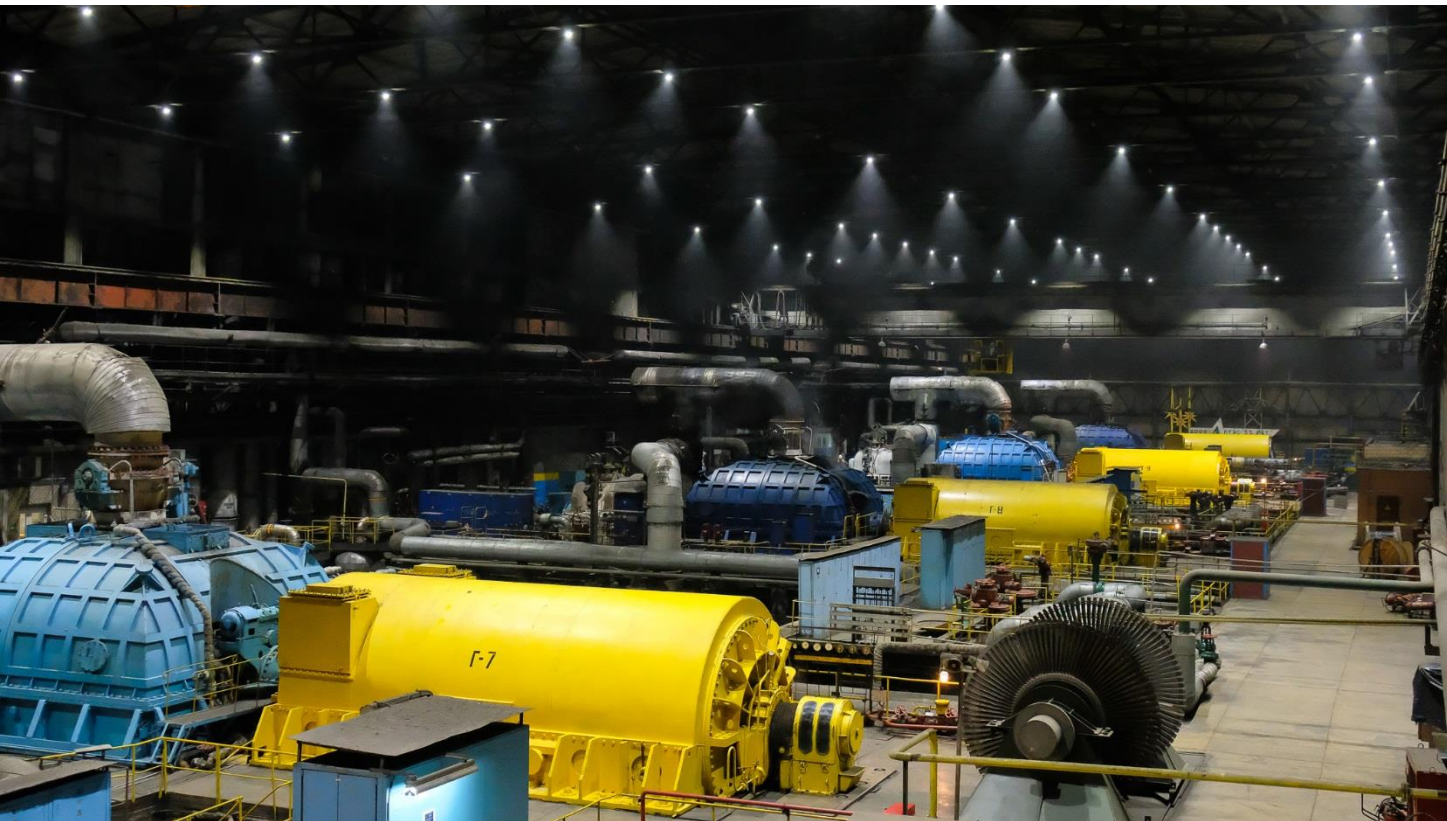


**75%**  
of savings

162 LEDs were installed

1 million kWh of savings  
per year is expected

# MODERNIZATION OF THE ELECTRIC LIGHTING SYSTEM AT PRIDNEPROVSKA TPP



**90%**  
of savings

130 LEDs were installed

0.4 million kWh of savings per year is expected

## MODERNIZATION OF CLIMATE SYSTEM AT BURSHTYNSKA TPP



**50%**  
of savings

18 inverter channel  
conditioners were  
installed

1 million kWh savings  
per year



THANK YOU!

