Eesti Statistika

Contact person: Help desk (contact centre) / Phone: 6259 300 / E-mail: klienditugi@stat.ee / Postal address: Vabaduse plats 2, 71020 Viljandi

Power plant

Questionnaire code: 10242024   Submitted in: 1.02.2024, data about 2023

Period: Periodicity: Annual

Statistics Estonia guarantees the full protection of data submitted.

Economic unit
  Registry code: **E-mail:**
  Name: **Phone:**

Postal address
  County: **Street:**
  City / Rural municipality: **Building:**
  Village / Town / City district: **Apartment:**
  Secondary address unit: **Postal code:**

Economic activity in the sample

Completed by
  Personal ID code: **E-mail:**
  Firstname and surname: **Phone:**

  Completed on (date):   **Signature:**

1. TYPE OF ELECTRICITY GENERATION

he questionnaire is partly filled with data from previous year
Please specify prefilled fields where necessary. Some fields and tables, and pages are displayed by type of power generation.

		Type of power generation
		1
Type of electricity generation	1	167 - Combined heat and power (CHP) plant
		168 - Hydro-power plant
		169 - Wind- power plant
		170 - Other type of electricity generation

1.1. TOTAL NUMBER OF TURBINES

Data from previous year are displayed in the table. Please double-check the prefilled fields and correct where necessary.

		Number of turbines
		1
Back pressure steam turbine	1	
Steam condensing turbine	2	
Internal combustion engine	3	

2. CAPACITY, MW

Values from previous period are displayed in the table. Please double-check the prefilled fields and correct where necessary.

		Electrical capacity, MW	Heating capacity, MW
		1	2
Installed capacity at the end of the year	11		

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Installed capacity at the end of the previous (2022) year	11_1		
...with combined heat and power generation	12		
Back pressure steam turbine in combined heat and power regime	12_3		
...steam condensing turbine in combined heat and power regime	12_2		
...internal combustion engine in combined heat and power regime	12_1		
Net capacity at the end of the year	14		
...with combined heat and power generation	15		
Annual peak load (net)	16		
Available capacity in peak load period (net)	17		
Date of peak load (dd.mm.yyyy)	18		
Time of peak load (hh.mm)	181		
Electrical capacity installed during the year	19		
Electrical capacity decommissioned during the year	20		

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3. CONSUMPTION OF FUELS AND PRODUCTION OF ENERGY

Consumption of fuel and production of energy – production of electricity and heat by type of fuel consumed for that purpose. In case of missing values enter 0.

Record no	Type of generation equipment	Type of fuel	Average calorific value of fuels, kJ/kg, cbm, m³	Total quantity of fuels consumed for electricity generation	incl. combined heat and power generation	Total quantity of fuels consumed for heat generation	inc. combined heat and power generation	Total quantity of fuels consumed in combined heat and power generation process	Total production of electricity, MWh	incl. combined heat and power generation, MWh	Total production of heat, MWh	incl. combined heat and power generation, MWh	Sold heat produced in combined heat and power generation process, MWh
	A	C	1	2	3	4	5	D	6	7	8	9	10
1	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5				1	
2	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5					
3	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other							sum of columns 3 and 5					

Power plant

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	generation											
4	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5				
5	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5				
6	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5				
7	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5				
8	1 - Backpressur							sum of columns 3				

Power plant

	e turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							and 5					
9	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5					
10	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5					
11	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation							sum of columns 3 and 5					
12	1 - Backpressure turbine 2 - Steam condensing							sum of columns 3 and 5					

Power plant

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Period:

	turbine 3 - Internal combustion engine 9 - Other generation										
13	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation						sum of columns 3 and 5				
14	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation						sum of columns 3 and 5				
15	1 - Backpressure turbine 2 - Steam condensing turbine 3 - Internal combustion engine 9 - Other generation						sum of columns 3 and 5				

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Period:

4. TOTAL PRODUCTION OF ENERGY

		Total production of electricity, MWh
		1
Hydro energy	1	
Wind energy	2	

5. NET PRODUCTION OF ELECTRICITY (excl. production of solar energy)

		Total production of electricity, MWh
		1
Net production of electricity (energy output)	1	

6. TIME SPENT ON FILLING OUT THE QUESTIONNAIRE (incl. for preparing the data)

Please estimate how much time you spent on filling out the questionnaire (incl. time spent on reading the instructions, collecting and preparing data).Record the total time spent by all employees.

	Hours	Minutes
Time spent		
Please indicate the hours and minutes separately. For example, if it took 1.5 hours (i.e. 90 minutes) to complete the questionnaire, you should enter 1 in the hours field and 30 in the minutes field.		

Y2. Overall assessment on the questionnaire

	Answer
Please give an overall assessment on completing the questionnaire.	10 - Very easy 20 - Easy 30 - Average (neither easy nor difficult) 40 - Difficult 50 - Very difficult

Y3. Suggestions and comments

COMMENT