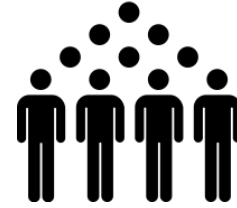


District heating system`s modernization in Latvia – “Salaspils Siltums” Ltd.

*Energy efficiency specialist :
Ilze Poļikarpova*



Salaspils



Population - 24 000



~ 80% of inhabitants are using district heating

*Heat production,
transportation and
distribution*



Heat networks-20,6km



*Installed heat capacity
35,18 MW*



*The amount of sold heat:
60 000 MWh/year*






8 years back

09.2019





*From 2010 to 2020
Implemented: 6 projects and 7
events
Transition to RES and energy efficiency*

Relative heat loss on networks

22%

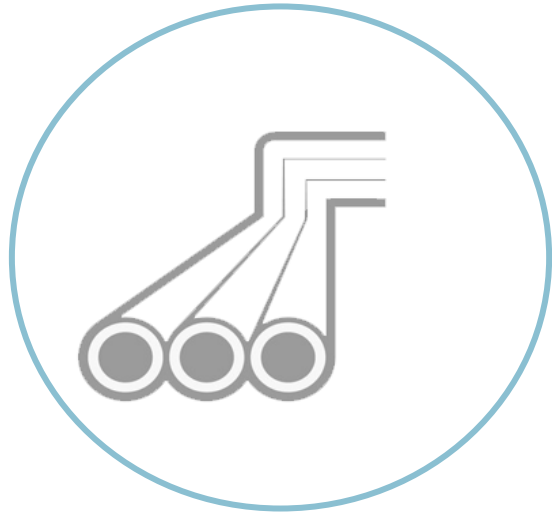
2011

10%

2019

Transportation





*90% industrially
insulated heat
networks*

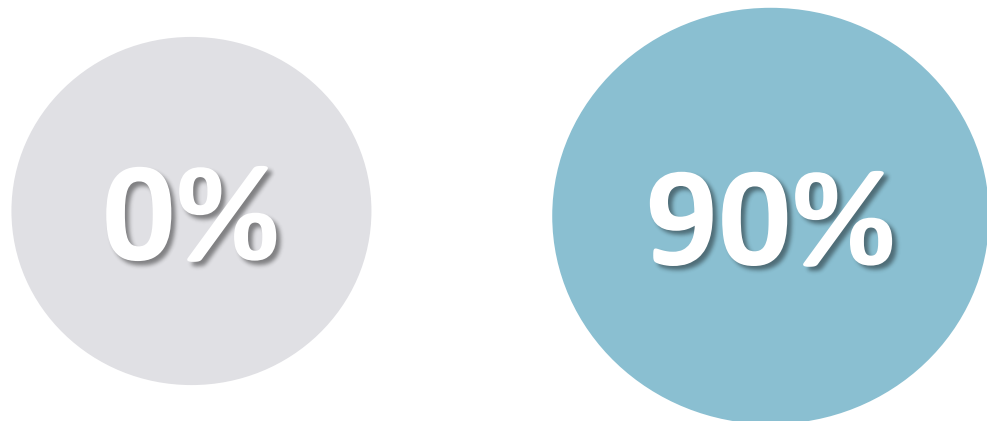


*Remote data reading
system*



*Daily monitoring:
supply and return
temperature*

*Share of renewables energy
resources*

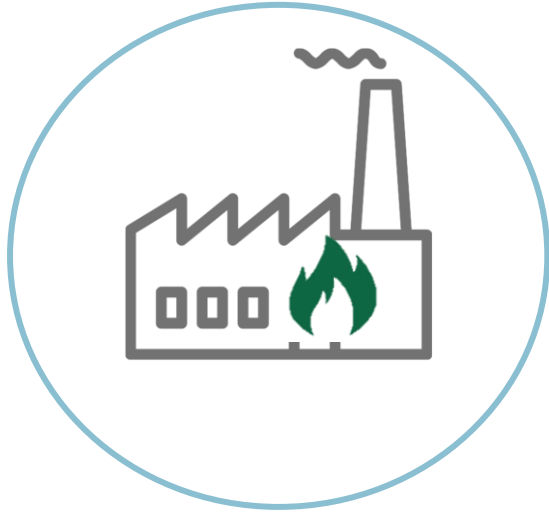


2011

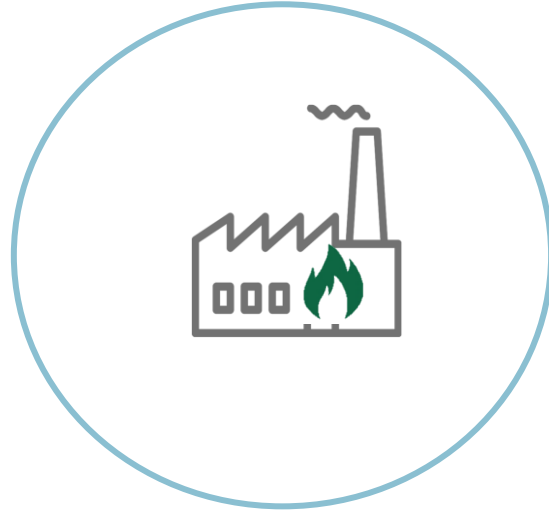
2020

Heat sources

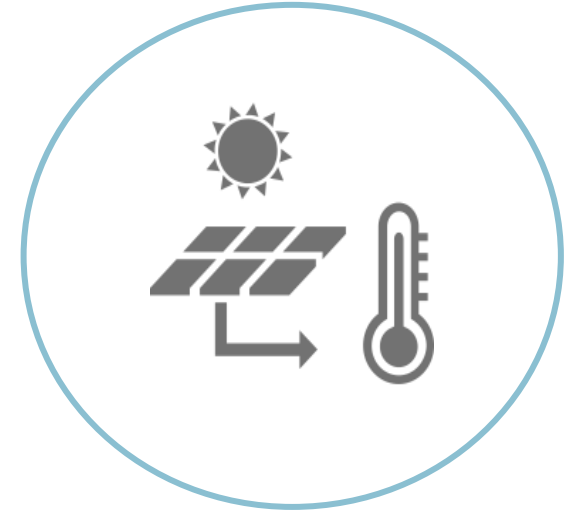




*7 MW wood chip boiler
1,68 MW flue gas condenser*



*3 MW wood chip boiler +
flue gas condenser*



*Solar collector field and
storage tank*

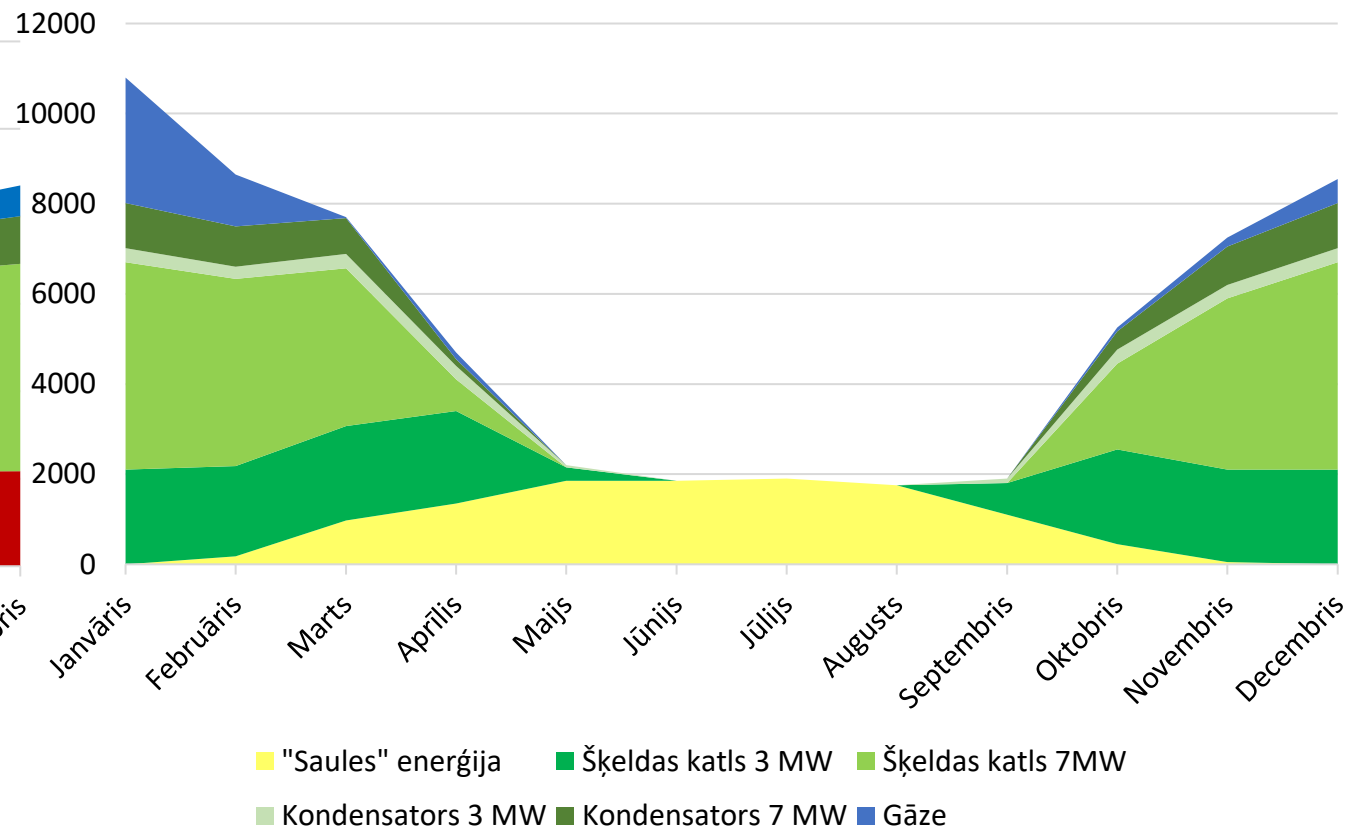
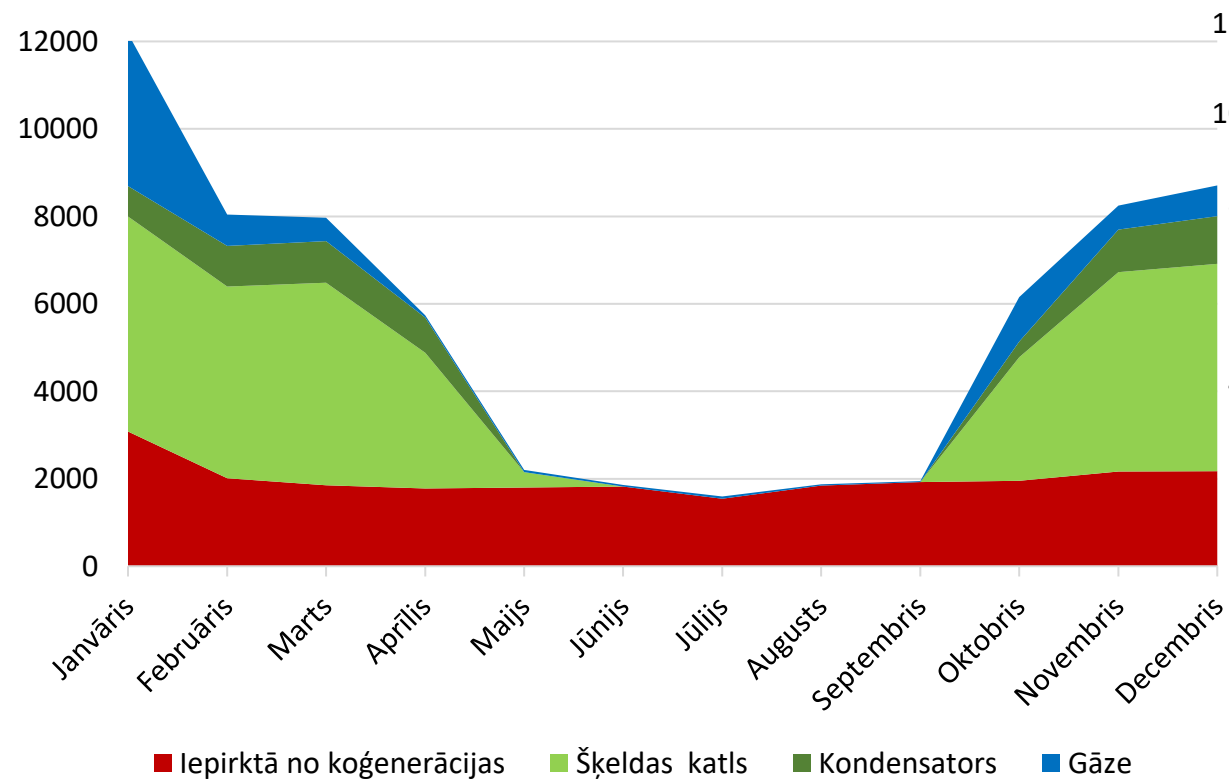
**1720 Solar
collector**

**21 672 m² =
3 football
fields**

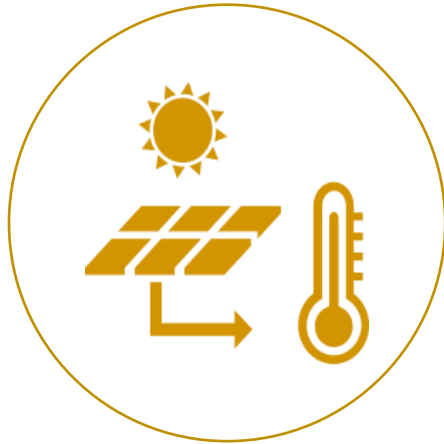
**8000 m³
storage tank**

2016

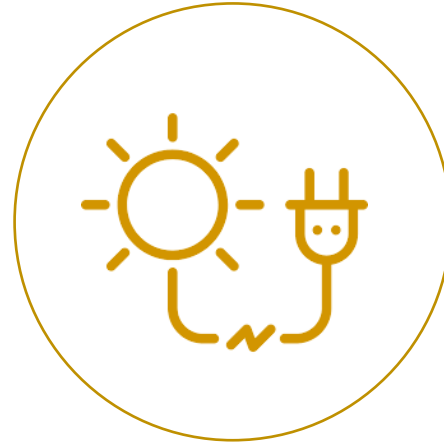
Planned



April



1383 MWh



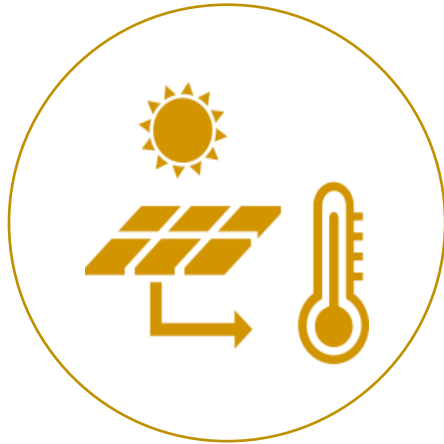
3219 kWh



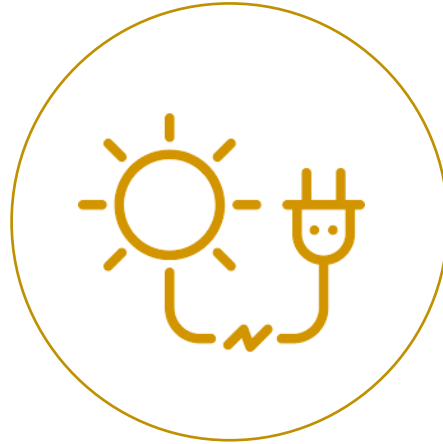
1074 W/m²

30.APRIL

May



1666 MWh



3911 kWh



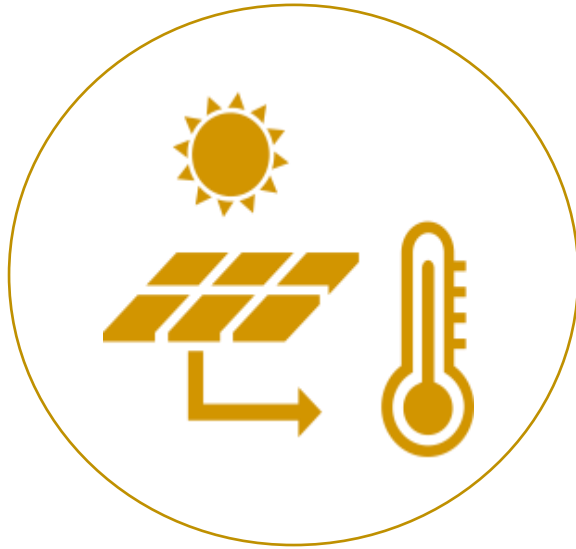
1053 W/m²

31.MAY

#saulesziņas



Record



98,8 MWh/day



1053 W/m²

31.05.2020



Have a great day!

Salaspils Siltums, Ltd

📞 67944930

✉ info@salaspilssiltums.lv