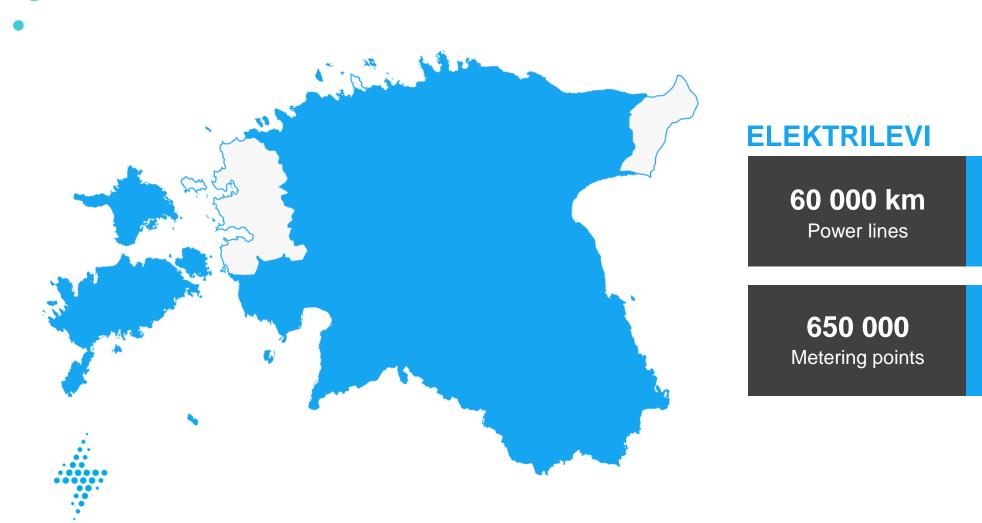
TRENDS INFLUENCING THE DEVELOPMENT OF ESTONIA'S DISTRIBUTION NETWORK

Mihkel Härm

Chief Executive Officer
Elektrilevi OÜ





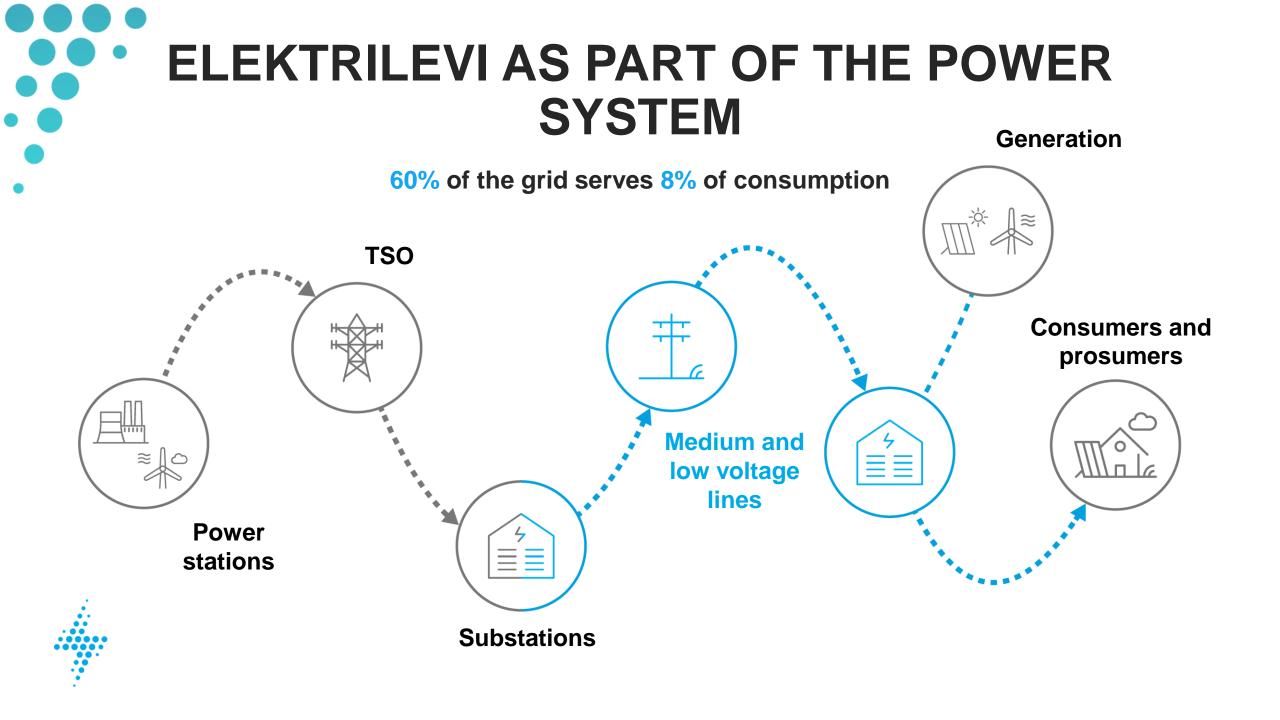


24 000

Substations

508 000

Clients





CHALLENGES FOR 2030

ELECTRIFICATION

1,8% demand in growth annually (until 2030)





+50-70M Electric vehicles



+335 TWh new demand / Industry & P2X



RENEWABLE GENERATION

+470 GW New renewable generation



+40 GW Local consumption



~70% of new renewable

generation will be connected to DSO-s

ENERGY EFFICIENCY

>50% of EV charging will happen during non-peak hours



Smart meters will offer new solutions for the grid



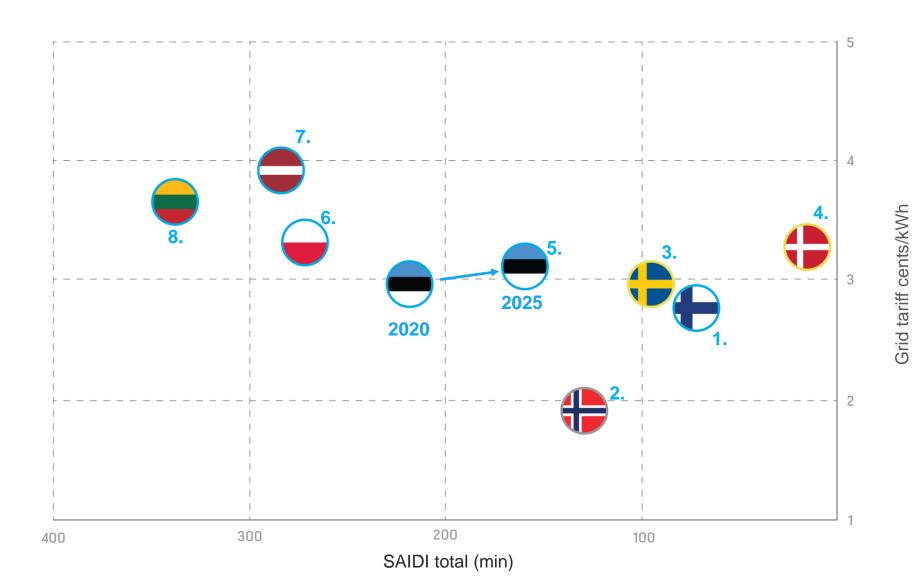


Source: EurElectric



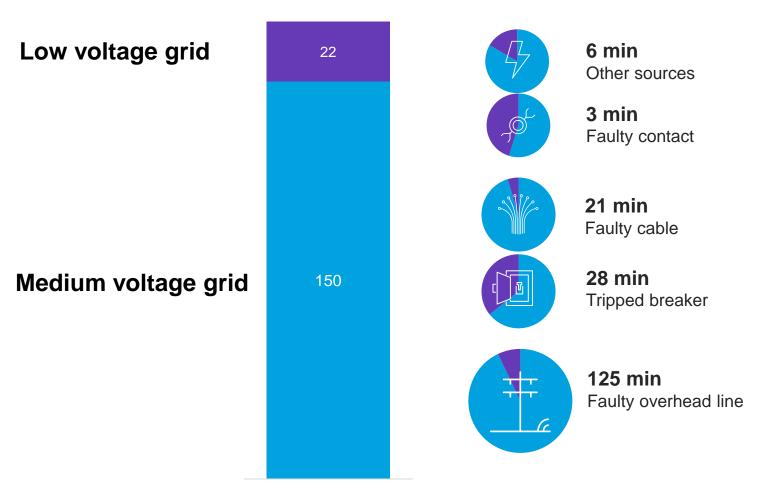


ELEKTRILEVI PLANS TO MEET OUR CUSTOMERS' EXPECTATIONS





MAIN REASONS FOR OUTAGES



2020





Data based investing



Innovative grid tariffs



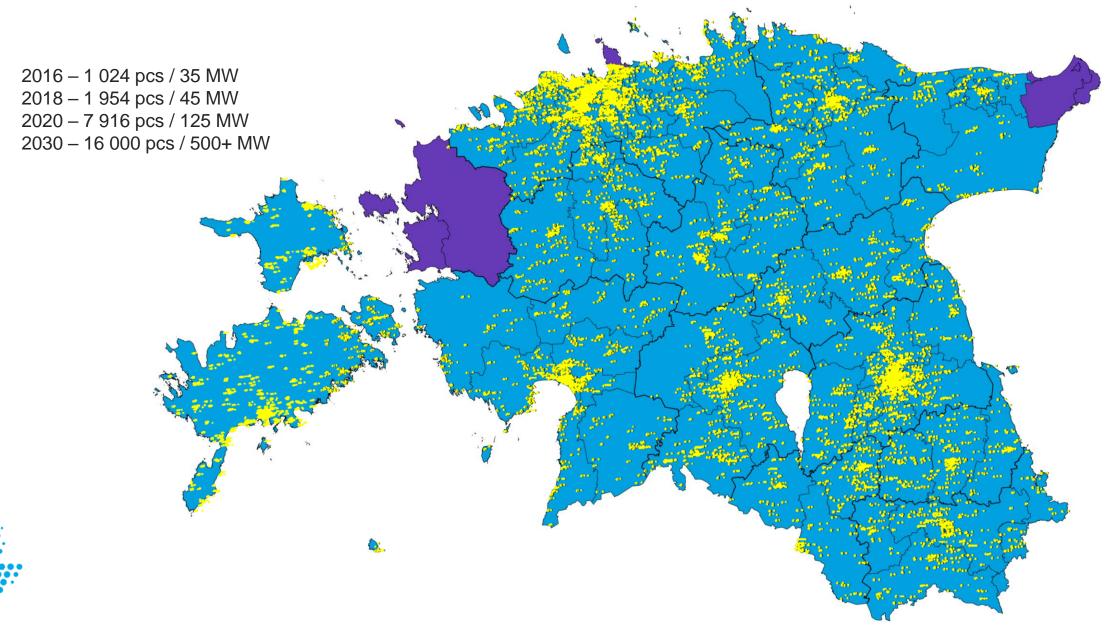
Digitalization



More renewable generation



INCREASE OF DISTRIBUTED GENERATION

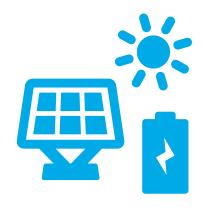




DSO-s WILL BE THE BACKBONE OF ELECTRIFICATION



Prosumers will be connected in less than 30 days



Share of distributed generation will increase



Customers expect better reliability



New digital communication channels



