

In 2018–2027 ESO will invest to make the grid more reliable, secure and smart

1

Reliable and climate impact-resilient grid



11 thous. km
of new cable lines



63% 10 kV
of subterranean lines
in forests



134 km
of old pipelines replaced
by inserting new
polyethylene pipes into
old steel pipes

2

Remotely controlled grid



38%
electricity customers
connected to remotely
controlled devices
(3.5 times more than today)



55%
gas customers
connected to remotely
controlled devices
(3.5 times more
than today)



85% (10,5 thous.)
of replaced old-type
(insecure) 10/0.4 kV
transformer stations



45 km
of gas pipe
cross-feeding -
an alternative energy
path to 38 thousand
customers



78%
remotely controlled
electricity distribution
points



97 pcs
remotely controlled
gas pressure regulators
(71 thous. customers)

3

Smart grid



100%
smart electricity meters
for all customers



100%
smart gas meters for
customers who use
gas for heating



100%
transformer stations
with remote voltage
analysers allowing to
collect network voltage
quality information