European Commission

We've conducted an Energy Stress Test

A simulation of an extreme situation
〉
Not a projection!

Why ?

Today we import

53%

of the energy we consume

Crude oil	88%
Natural gas	66%
Solid fuel	42%
Nuclear	40%

From Russia

39% gas

33% oil

48% of the EU's energy is used to heat water and homes

How was it done?

Russia

Ukraine

We assessed the impact
on the EU's energy system
in case of a halt in gas supplies
from Russia or through Ukraine
for 1 month and for
6 months this winter

What are the results?

The possibility of a substantial impact, mostly in Eastern Member States and the Energy Community:
Finland, Estonia, the Former Yugoslav Republic of Macedonia, Bosnia and Herzegovina, and Serbia would **miss at least 60 per cent** of the needed gas.

Involved in Energy Stress Tests:
EU Member States,
the Energy Community countries (including Ukraine) and Georgia.
The US, Canada, Japan, Switzerland, Turkey, Norway, the European Network of Transmission System Operators for Gas and the International Energy Agency contributed.

Burden sharing 〉 Warm homes

Effective national measures + Cooperation 〉 Households can be protected, and cuts minimised.

What can the EU and the Member States do?

Have a market-based approach.
Let price signals determine the gas we need, **commercial use** of storage.

Share responsibility and monitoring between **public authorities and the industry.**

Urgently complete **infrastructure projects.**

Increase cross-border cooperation.
Agree with neighbours on how to share scarce gas, reinforce **regional dimension**, maximise interconnections, reduce restrictions to trade.

Change behaviour.
Short-term **energy efficiency** demand moderation measures.

Prioritise storage and reverse flows.

#EnergySecurity

Energy

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