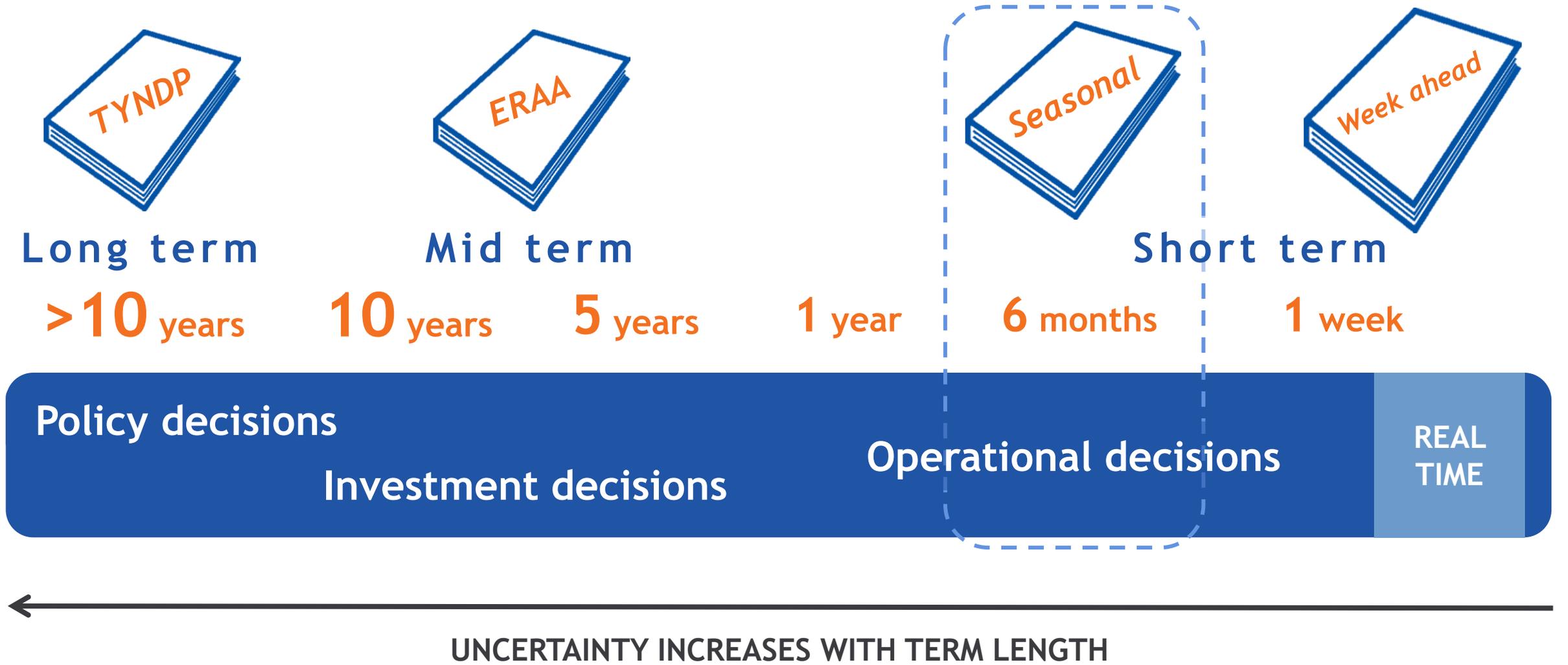


Summer Outlook 2021

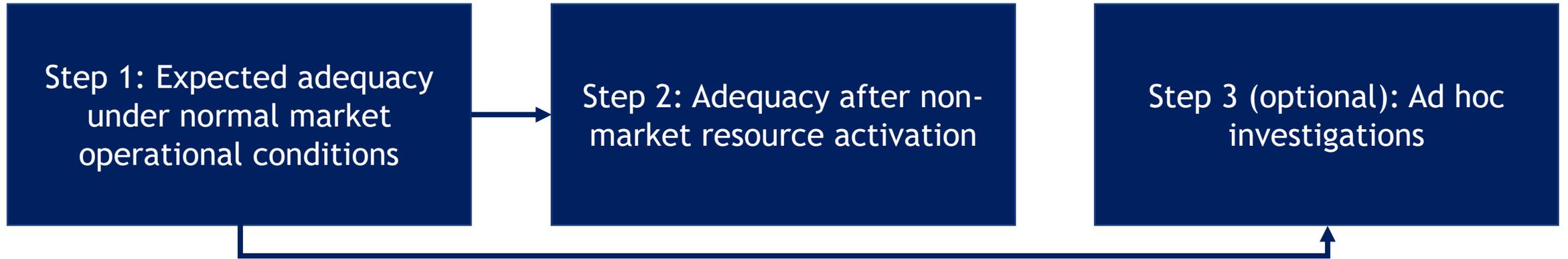
Energy Community – 2 July 2021



Different risks are addressed within different timeframes



Summer outlook approach



Information available in April

Expected resources available in the market (generation and exchange capacities)

Activation of non-market resources

European cooperation

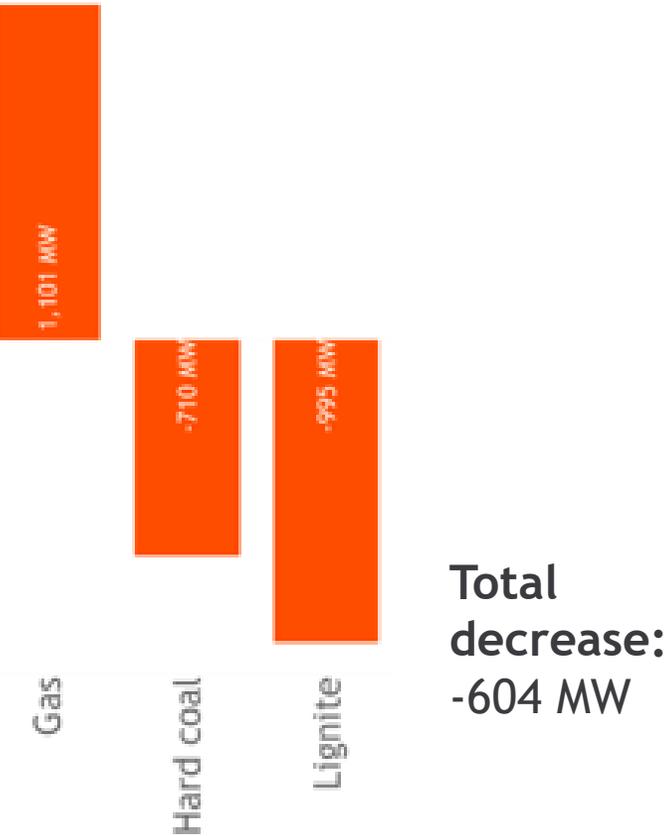
Solar eclipse

Result investigation

Summer trends in available thermal generation

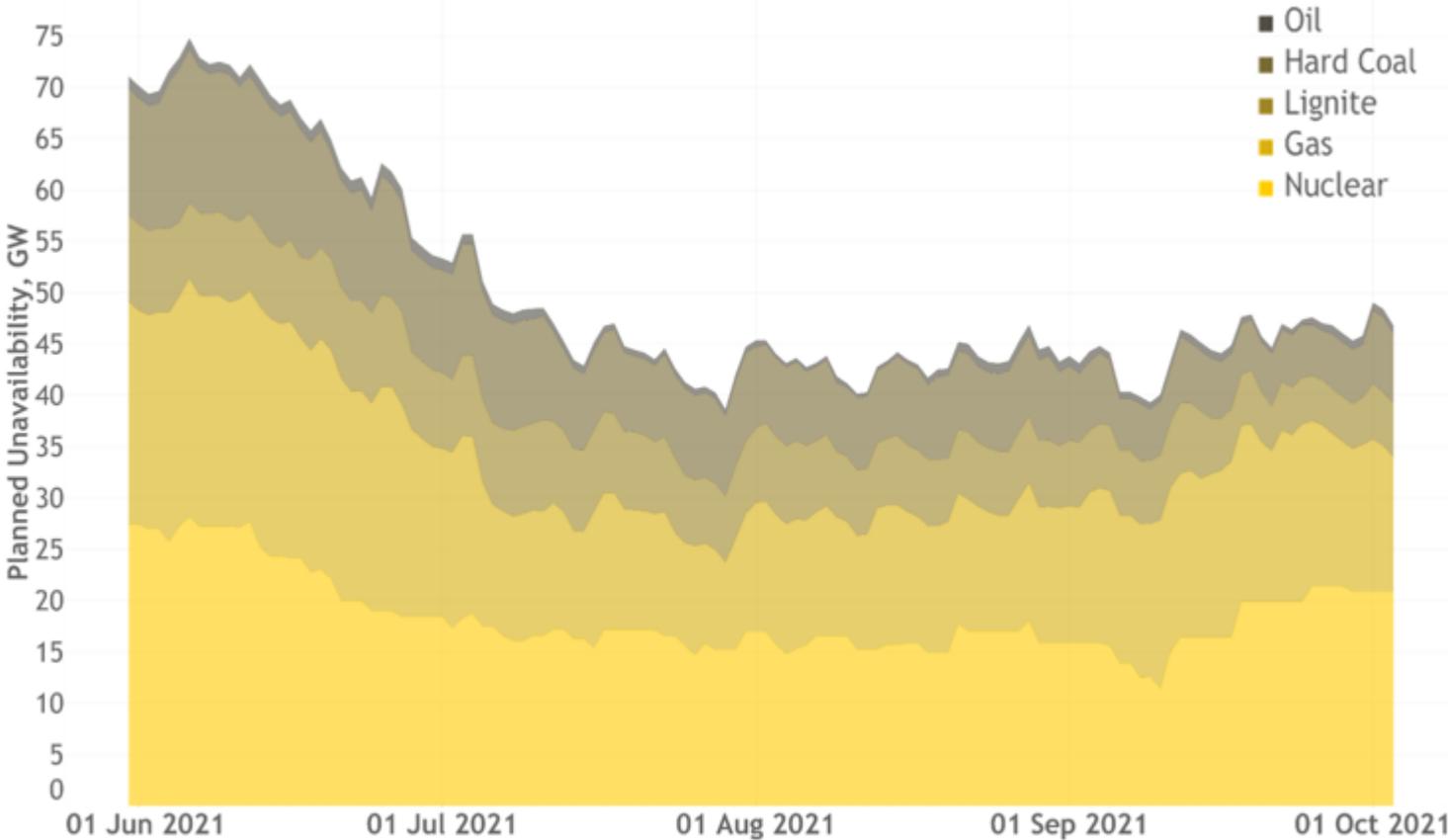
Thermal capacity during summer decreases by 604 MW, which represents around ~0.1% of the European thermal fleet.

Net thermal capacity change



Total planned unavailability of thermal power plants decreases towards mid-summer. Nuclear units show the highest level of unavailability at the beginning of summer 2021, followed by gas, hard coal, lignite, and oil.

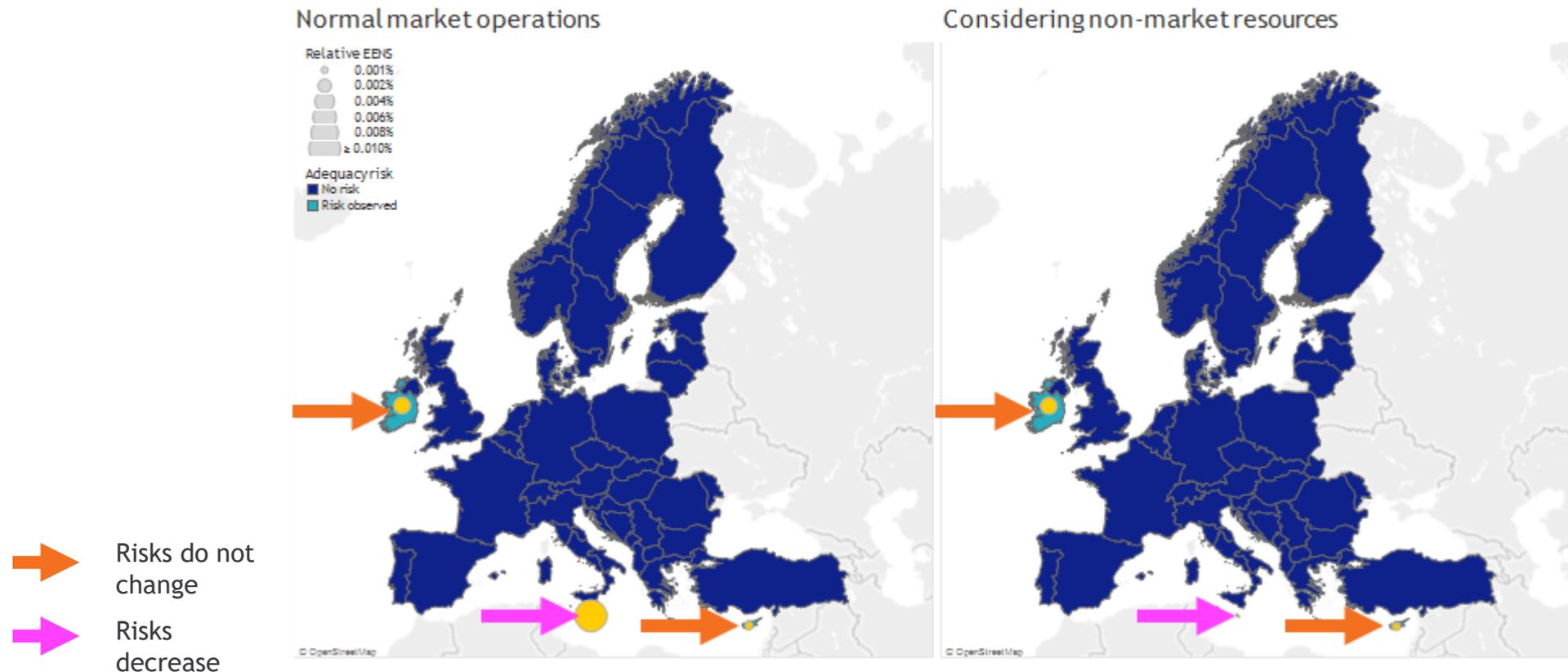
Planned unavailability of thermal units (April)



Adequacy overview

Notable adequacy risks are identified in Ireland and Malta, while marginal adequacy risks are identified in Cyprus. Adequacy risks are expected to be addressed by out-of-market resources in Malta. All TSOs are closely monitoring adequacy concerns together with RSCs.

Adequacy overview (considering April information)



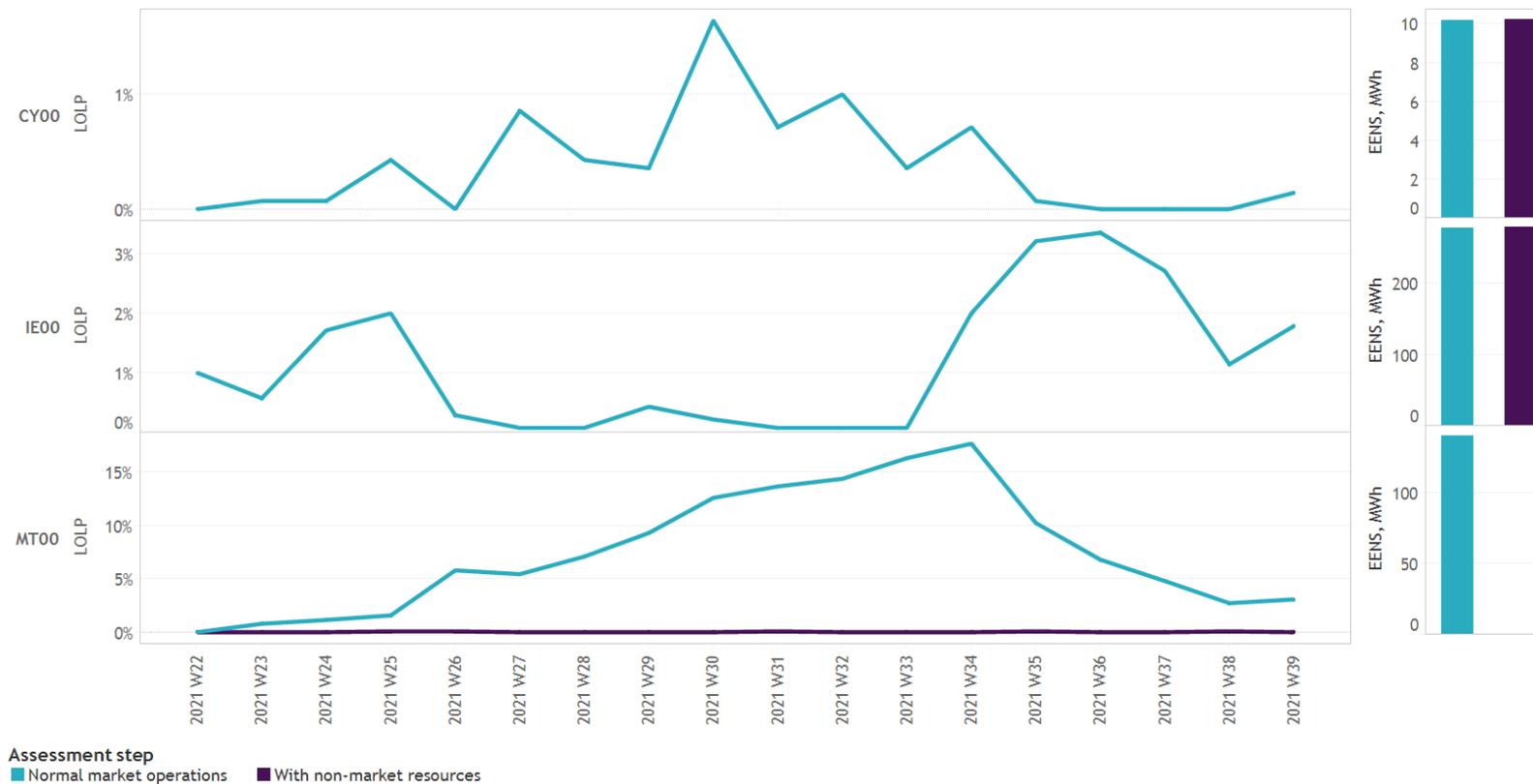
EENS = Expected Energy Not Served, RSC = Regional Security Coordinator

Relative EENS - EENS representation considering power system size (i.e. design to compare EENS on pan-European scale)

Adequacy details

The contribution of non-market measures significantly reduces Loss of Load Probability (LOLP) in Malta, with the highest weekly LOLP dropping from 17.64% to 0.07%. EENS is reduced by 99.94%.

Detailed adequacy overview - weekly LOLP and EENS

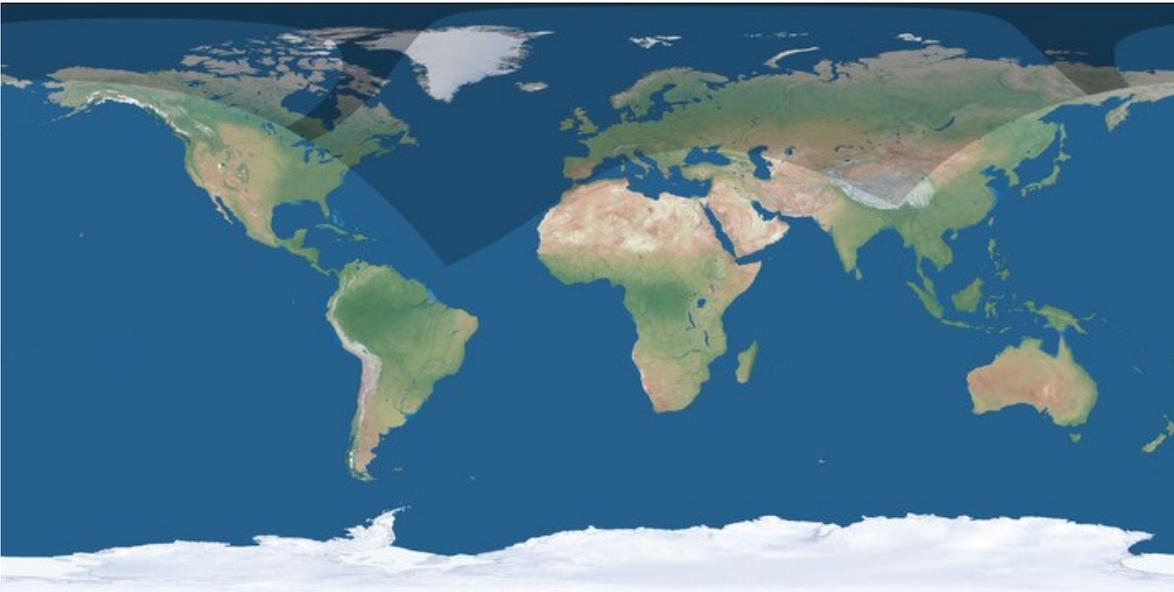


EENS = Expected Energy Not Served, LOLP = Loss of Load Probability (probability that at least 1 consumer could lose electricity supply)

Ad hoc investigations

The impact of solar eclipse on European system adequacy is expected to be negligible as it impacts parts of Europe where adequacy issues in summer are rare. A dedicated team was established to be prepared for potential operational challenges in Continental Europe.

Path of the annular solar eclipse on 10 June 2021*

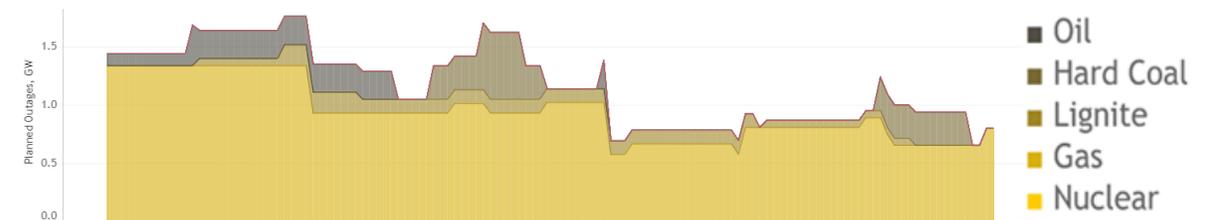


Adequacy risks in Ireland are driven by poor reliability of old power plants and only if wind generation is low. Though, not affected by solar eclipse

Detailed adequacy overview - weekly LOLP and EENS



Planned unavailability of thermal units (April)



Expected import capacity in Ireland (April)



Thank you for your attention