



• Vol.30

Unlocking RES Potential: Addressing Curtailments through Storage

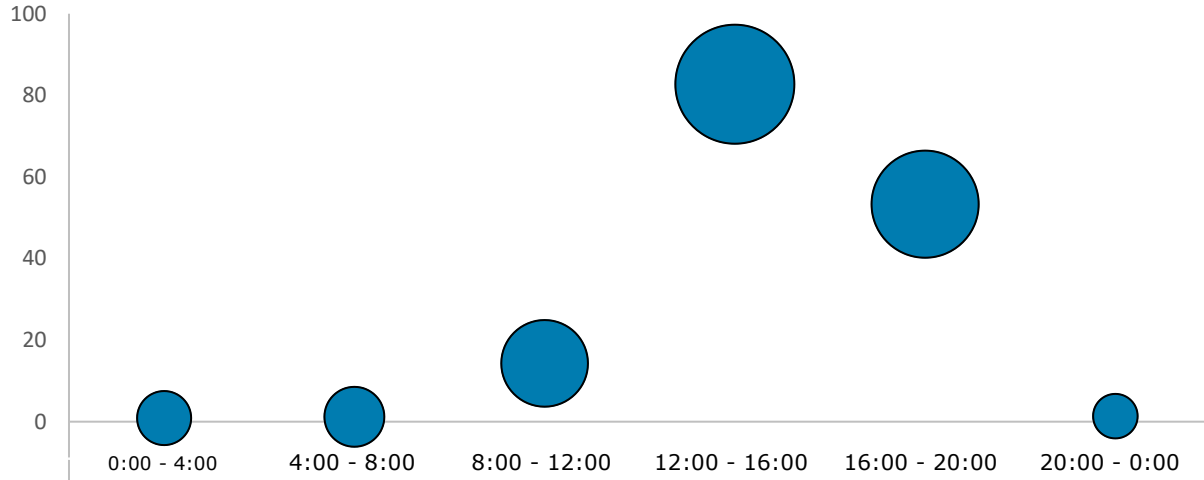


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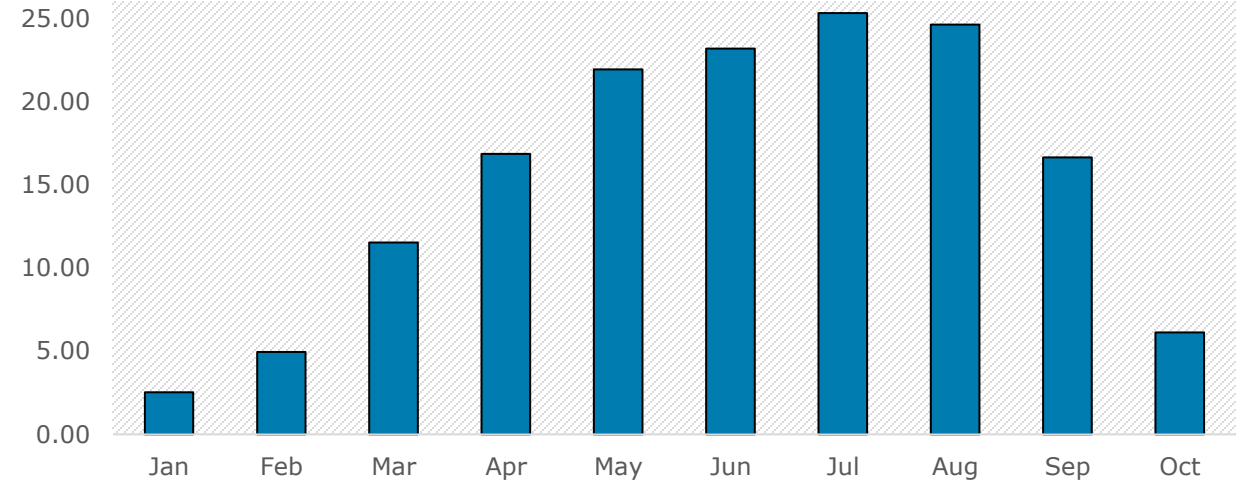
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Total Curtailed Energy (MWh) by 4-hour intervals* for the EU27, [Jan 2024 – Oct 2024]

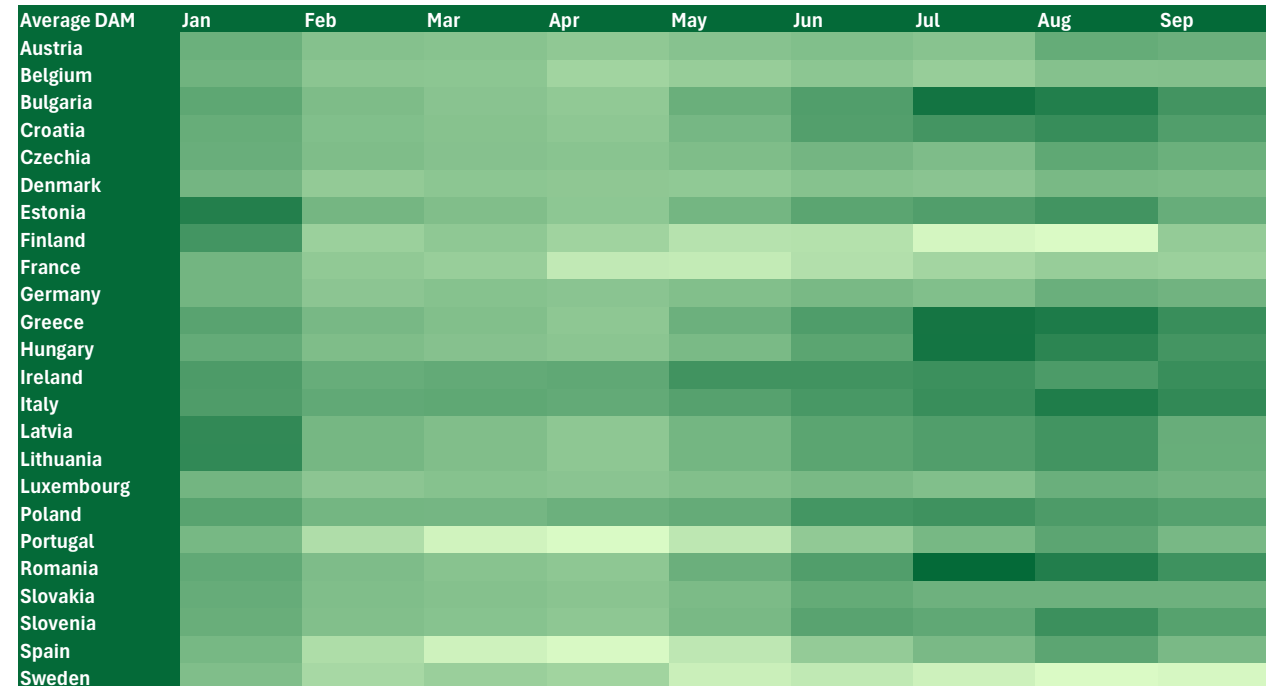


* The size of bubbles indicates the number of days there were curtailments during the year

Total Curtailed Energy (TWh) by month for the EU27, [Jan 2024 – Oct 2024]



Monthly Average DAM Prices Heatmap (€/MWh) per country

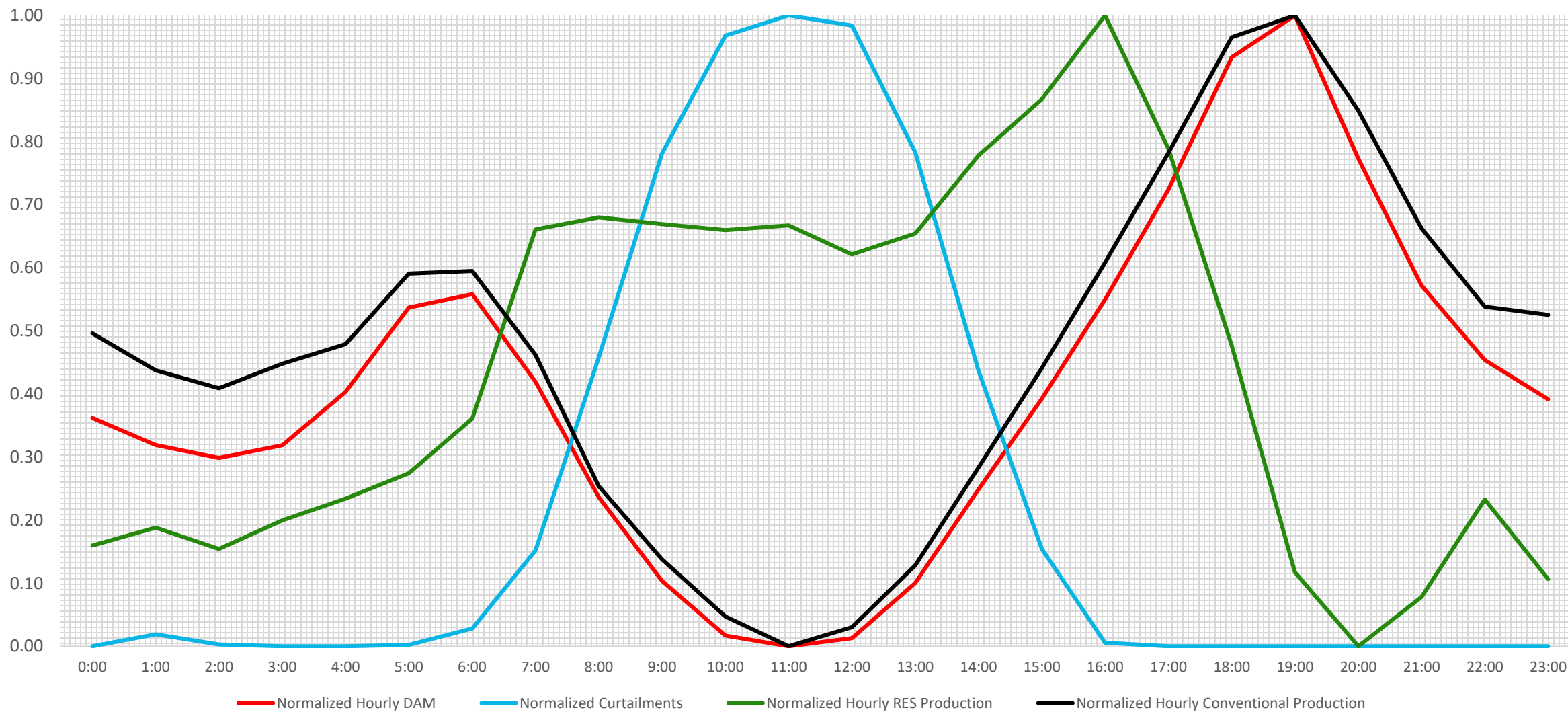


Most curtailed energy occurs during the Solar PV working hours and the warmer months, as the need for electricity is lower relative to the winter, due to the electrification trend.

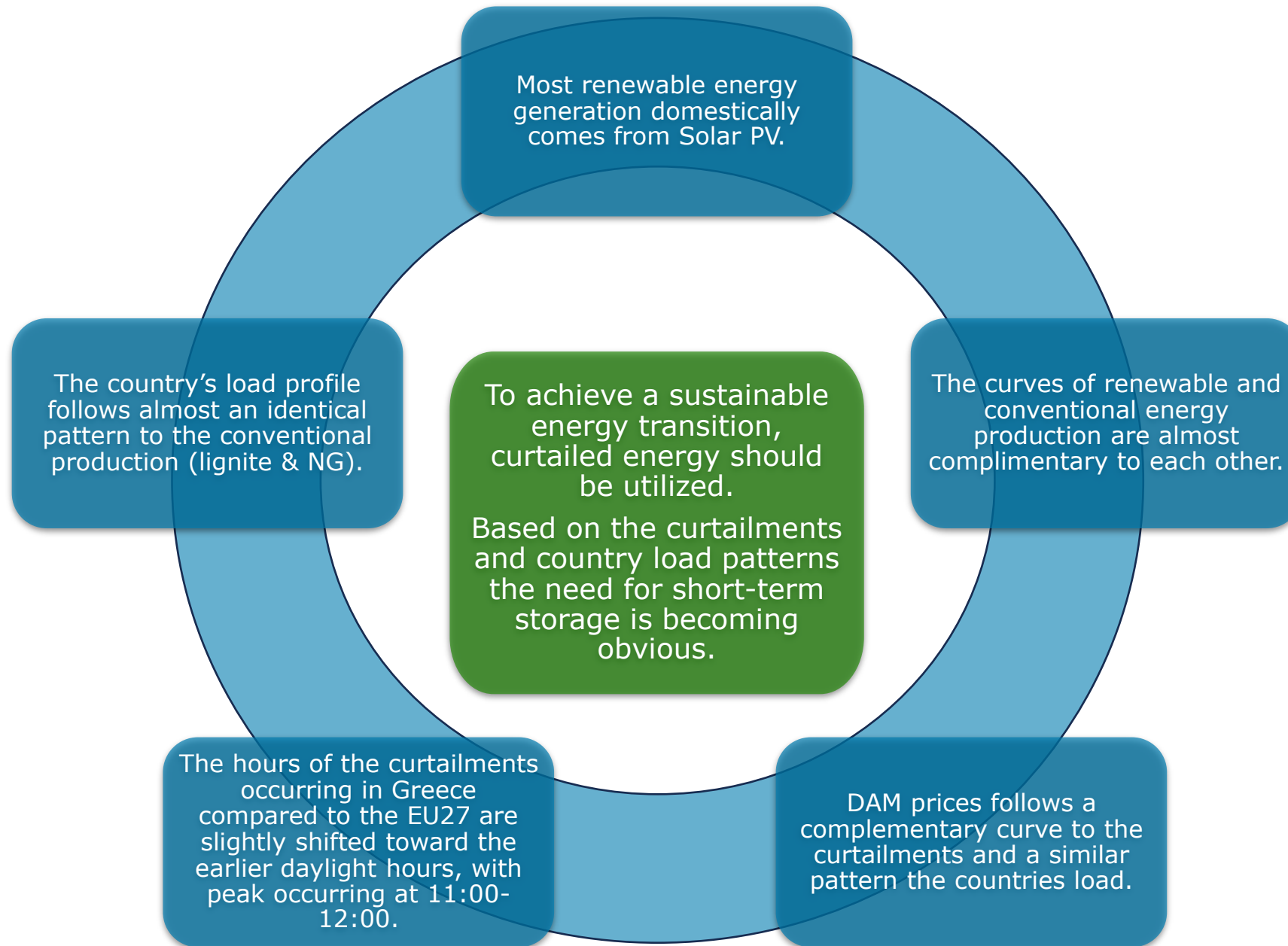
On average the wholesale electricity prices in the EU have a great range, from 12.53€/MWh to 145.19€/MWh for period from January 2024 to October 2024. Sweden has the lowest DAM price on average, compared to Italy that has the highest DAM price on average.

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Normalized* hourly Electricity production, Normalized DAM prices and Normalized Curtailments data (CET+1) for the case of Greece, [Jan 2024 – Oct 2024]



* All values are expressed in a 0-1 range





Meet the Team

HAEE Research Team

Prof. Dr. Kostas Andriosopoulos
Editor-in-chief
Audencia Business School;
BoD Member, HAEE

Konstantinos Sfetsioris
Senior Project Manager, HAEE

Ilias Tsopelas
Energy Analyst, HAEE

Eleni Ntemou
Energy Analyst, HAEE

Deloitte Team

Konstantinos Eleftheriadis,
Partner | Financial Advisory Services, Energy,
Resources and Industrials Leader, Deloitte Greece

Dr. Konstantinos Bergeles,
Senior Manager | Financial Advisory Services,
Energy, Resources and Industrials, Deloitte Greece

Ioannis Kouloumpis,
Senior Consultant | Financial Advisory Services,
Energy, Resources and Industrials, Deloitte Greece

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info@haee.gr
www.haee.gr



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