

How to promote PV deployment in Korea?

Korea's current policy structure to promote PV deployment can be categorized into four areas: 1) subsidies for installation, 2) incentives, 3) obligatory measures, and 4) infrastructure building.

What are Korean solar cells & modules?

Korean players have been pursuing the technological edge of premium solar cells and modules, incorporating diverse technical approaches such as n-type mono wafer, PERC (Passivated Emitter and Rear Contact) process, half-cell technology and bifacial modules. They are also developing the perovskite-silicon tandem solar cells.

Can ESS industry be revitalized in Korea?

Korean government has a plan to revitalize ESS industry to mitigate the intermittency of renewable power into the grid.

What is the IEA photovoltaic power systems programme?

The IEA Photovoltaic Power Systems Programme (IEA PVPS) is one of the TCP's within the IEA and was established in 1993. The mission of the programme is to "enhance the international collaborative efforts which facilitate the role of photovoltaic solar energy as a cornerstone in the transition to sustainable energy systems."

Are hydrogen taxis being operated in Seoul?

Hydrogen taxis are being operated in Seoul as a demonstration and test since 2019. Charging infrastructures for EVs (205 as of December, 2022) and hydrogen fuel cell cars (229 as of December, 2022) have been increasing by local governments with support from the central government.

Will Korea's polysilicon situation get worse in the near future?

The situation is expected to get worse in the near future unless the investment on the transmission and distribution infrastructure is made properly. \*OCI is the only company in Korea producing polysilicon, and its total production capacity is 39 700 tonnes including 35 000 tonnes in Malaysia.



# Seoul home photovoltaic power generation and energy storage



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