

# North Korea's Long-Term Bulk Procurement of Photovoltaic Containers

In this regard, this study proposes a procurement auction scheme for long-term photovoltaic (PV) energy contracts based on mechanism design theory. We developed a two-dimensional auction model in ...

Prices of solar panels have dropped in recent years thanks to an influx of cheap Chinese imports and a rise in domestic assembly of panels within North Korea, according to the Stimson...

This compilation of articles explores North Korea's energy security challenges and chronic electricity shortages by utilizing commercial satellite imagery, state media and other sources ...

In this section, we verify the completeness of the proposed algorithm for the optimal procurement auction of PV long-term contracts and compare its effectiveness with some benchmark auction ...

This report, "North Korea's Energy Sector," is a compilation of articles published on 38 North in 2023 that surveyed North Korea's energy production facilities and infrastructure.

"Expanding renewable energy is crucial to regional development policies." However, North Korean citizens are calling for "realistic policies and concrete support" to back these Cabinet ...

A duopolistic model.

As electricity demand surged, solar installations, which had previously been limited mainly to homes, are now rapidly spreading to factories and businesses. However, there is still a ...

Using asymptotic theory for multi-unit auctions, we derive optimal bidding strategies and analyze how auction design and bidder characteristics impact equilibrium bids, award prices, and...

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