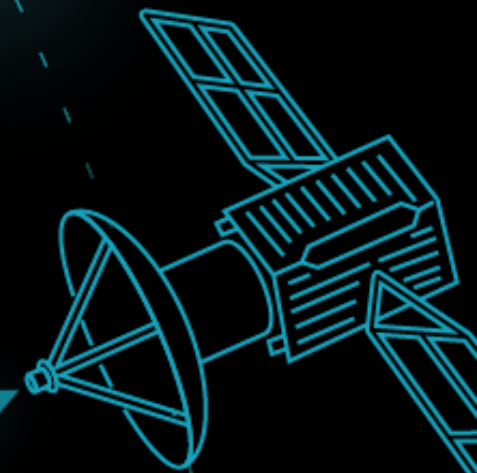




# HYPERVERGE GEOSPATIAL

Tomorrow's AI. Delivered Today.

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# HyperVerge Inside digitizing the entire US' energy grid along with DNV GL

**DNV GL, the world's second largest energy consulting company wanted to digitize the entire energy grid of the US (substations, transmission towers, etc.)**

Considering they work with 70% of the utility companies in the US, DNV GL felt the lack of a platform with accurate details about the substation names, kV levels and other domain related information which could be used to identify potential locations for new facilities, plan future projects and track existing competitors' infrastructure.

### Objective

A platform with the the energy grid of the US digitized with domain information such as the accurate substation name, kV levels, electricity price information, etc.

### Result

An AI system that detected towers with an accuracy of 99.5% which cut down detection time from 8 months (status quo manual process) to a few weeks (HyperVerge's automated system) that powers the platform's core.

# ENERGYMAPSAI – DIGITAL ENERGY GRID

*Feature Extraction @ 99%+ Accuracies*



Substations

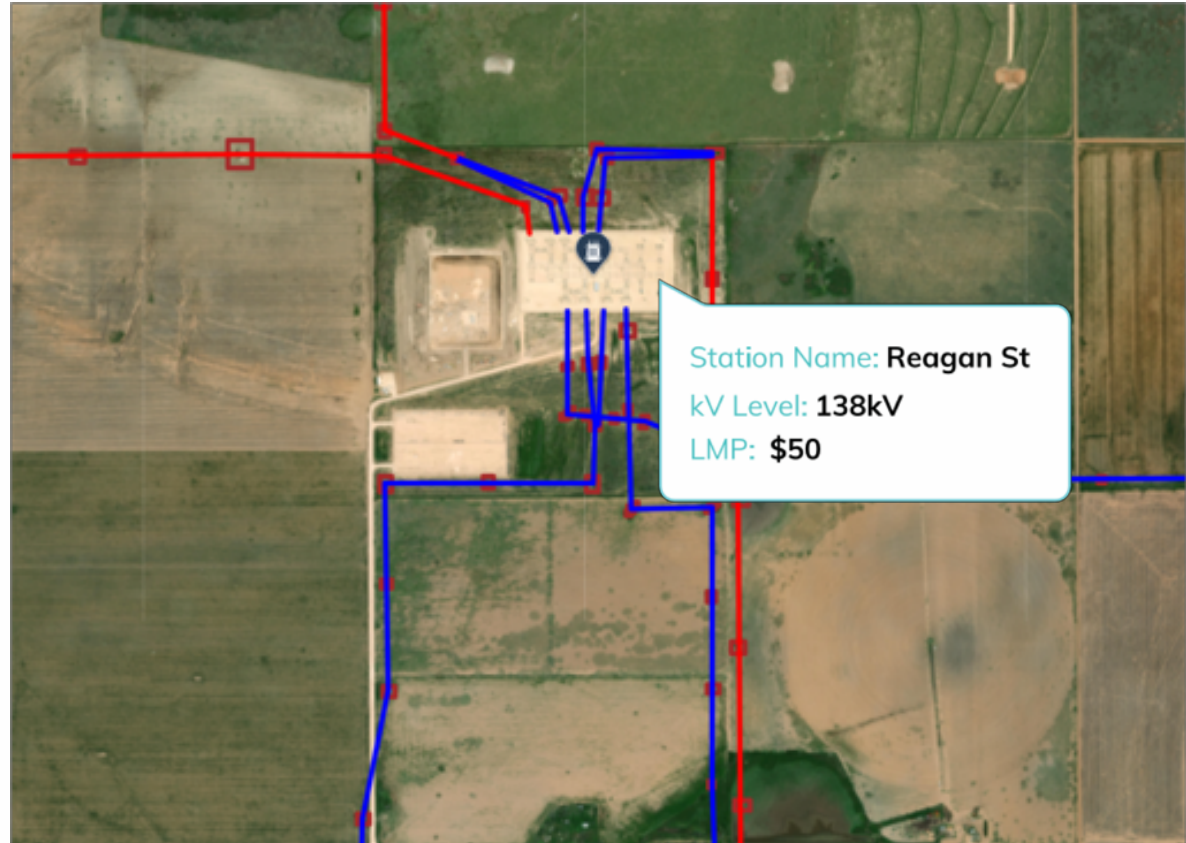


Solar Farms



Windmills

Using AI, we have accurately mapped all the substations and lines in Texas with 99%+ accuracy. Combined with the accurate substation names, kV levels, real-time electricity price information, it allows market participants to plan, identify sites, maintain their infrastructure and track their competitors.





HYPERVERGE

Let's Solve Problems Together

[www.hyperverge.co](http://www.hyperverge.co)