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Team Name: DE Grid

Mission: Develop a distribution system state estimator solution using physics based machine learning algorithm.

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We do not provide the distribution state estimator algorithm commercially.

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Submission Summary Page

Approach:

We plan to use a deep statistical solver (DSS) for Distribution System State Estimation (DSSE), which is a deep learning model based on graph neural networks(GNN). DSS is based on GNN and leverages hypergraphs to model the network as a graph into the deep-learning algorithm and represent the heterogeneous components of the distribution network.