





Non-Technical Project

for Mr. xx xx

Topic: A study of methods for using PMU devices to the State Estimation

Task:

The goal of this research project is to study the effect of PMU devices on Static and Dynamic State Estimation algorithms. During the research, it is necessary to study the scope of PMU application for SE, to study and compare different types of methods on using PMU for state estimation. To determine the advantages of each, as well as to establish the basic problems and limitations of such use of PMUs.

The study has to cover the following points:

- Provide a comprehensive overview of the use of PMUs in the SE.
- Explore different algorithms to implement PMU measurements in SE
- To carry out their comparative analysis
- Identify the advantages, disadvantages and limitations of these methods
- Documentation of the results

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