

# ENERGY STUDY

**CLIENT:** Dow Corning  
**LOCATION:** Springfield, Oregon

The scope of this proposal is to provide the plant engineer with a plant electrical load survey, an updated single line diagram, a device coordination study, a short circuit study and replacement of PBC filled and/or overloaded transformers with adequate capacity for future needs. The overall project consists of the following:

- ▶ Field verification of electrical equipment nameplate data
- ▶ Application of Power Demand Recorder to existing power distribution system
- ▶ Analysis of nameplate data and demand recordings
- ▶ Generation of ACAD one-line diagram for plant
- ▶ Development of equipment and installation specifications for required transformer replacements

Evergreen Engineering, Inc. will provide the services of the above mentioned as well as interaction with the clients representatives to meet the plants future power needs. The final document will be supplemented with a disk copy of the on-line diagram for their files.



## EVERGREEN ENGINEERING

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