Purpose:
The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard’s section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

1. Central Plant – Cogeneration
   a. Currently the University only has cogeneration capabilities at the Central Plant. This consists of two natural gas fired turbine generators with Heat Recovery Steam Generators.
   b. The South Plant was constructed to accommodate a future cogeneration gas fired turbine with a heat recovery steam generator.

2. Emergency Generators
   a. In non-lab buildings, emergency generators are primarily designed for Life-Safety purposes only.
   b. In lab buildings, emergency generators are often both Life Safety and Stand-by power. Stand-by power may serve laboratory refrigerators, freezers, key research equipment, etc.
   c. Emergency generators on Campus may be diesel or natural gas fired.
   d. Emergency generators may be installed indoors or outdoors in sound attenuated enclosures.

3. Solar Generation
   a. The use of solar generation on future projects will be based on aesthetics and economic feasibility as determined by the Design Subcommittee and Steering Committee for a project.