

Columbia Generating Station Energy Power Uprate project (CGS EPU)

Columbia Generating Station (CGS) is a General Electric (GE) Boiling Water Reactor near Richland, Washington operated by Energy Northwest. The purpose of this project is to increase the electrical output of CGS through an Extended Power Uprate (EPU) to provide additional Tier 1 power in anticipation of increased customer demand. This investment consists of 30 projects that make up the EPU at the CGS nuclear plant. Of the 30 projects, 25 are expected to require some level of plant modification while the remaining 5 projects are “paper” projects such as license amendment request development which do not require plant modifications. Thirteen of the projects overlap with an existing Life-Cycle Management project. Once completed with planned life-cycle replacements, it is expected to increase licensed thermal power from 106.7% of original licensed thermal power currently to 120%. The uprate is expected to produce an additional 162 MWe.