

# Status of the Spallation Neutron Source Proton Power Upgrade

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The Proton Power Upgrade (PPU) Project at the Spallation Neutron Source (SNS) at Oak Ridge National Laboratory will upgrade or replace accelerator components for beam power capability from 1.4 to 2.8 MW and upgrade the first target station for 2-MW beam at 1.3 GeV and at 60 pulses per second. The remaining beam power will be available for the future second target station. PPU scope is optimized between built-in upgrade provisions from the original SNS project, cost effectiveness and technical aspects based on SNS experiences. PPU is taking a phased approach for beam power ramp-up as new equipment are installed. This paper summarizes the status of PPU project, commissioning, progresses of beam power ramp-up and operation plan in the future.

## Footnotes

## Funding Agency

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