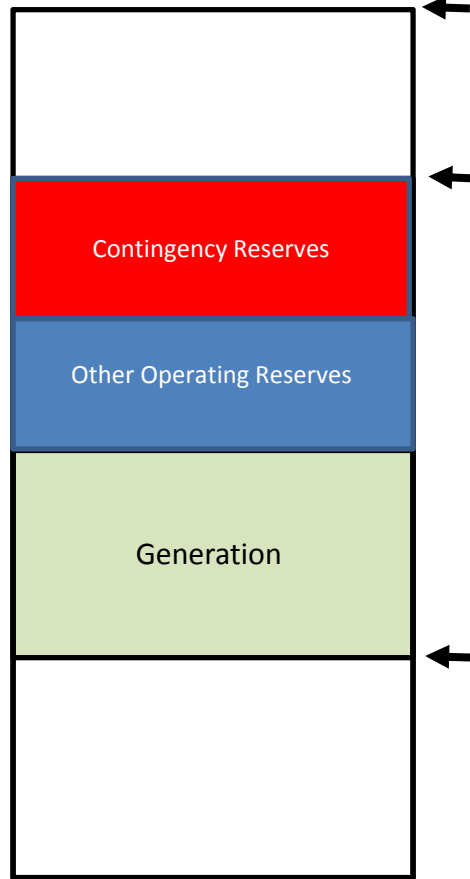


Current Operation

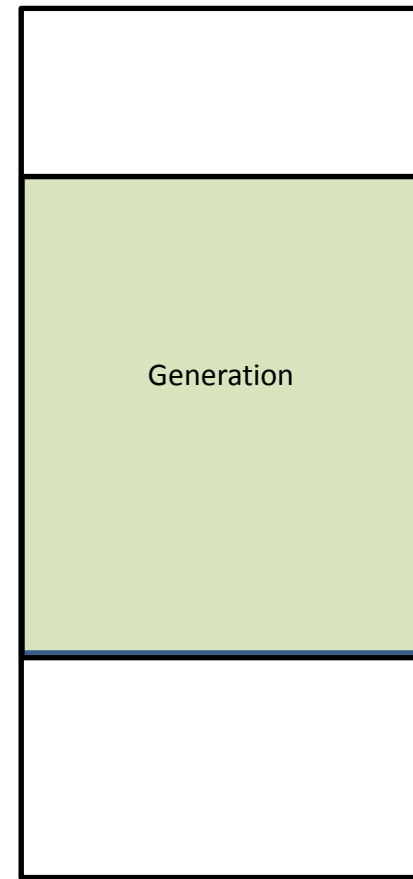
The Dalles/John Day Dam



Max Turbine



McNary Dam



Upper End of 1% Range



Generation

Lower End of 1% Operation

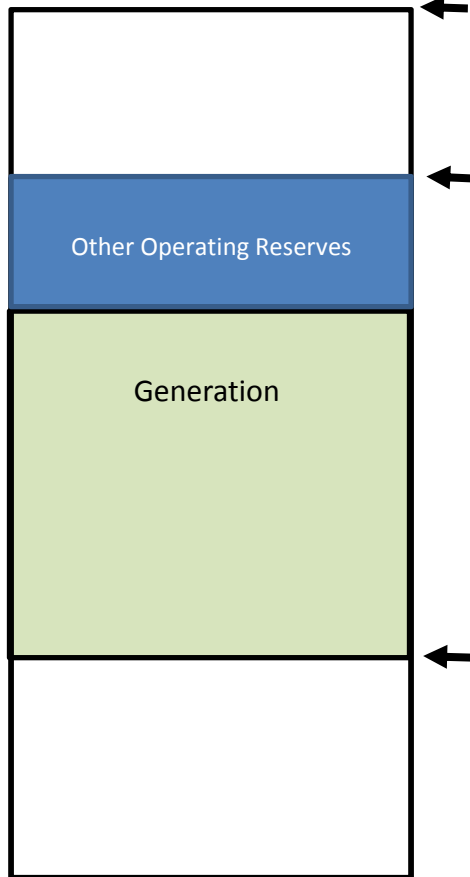


Reserves carried at The Dalles reducing generation below the upper end of 1%.

McNary Operating with fully loaded turbines up to the upper end of 1%. No reserves carried.

Proposed Operation

The Dalles/John Day
Dam

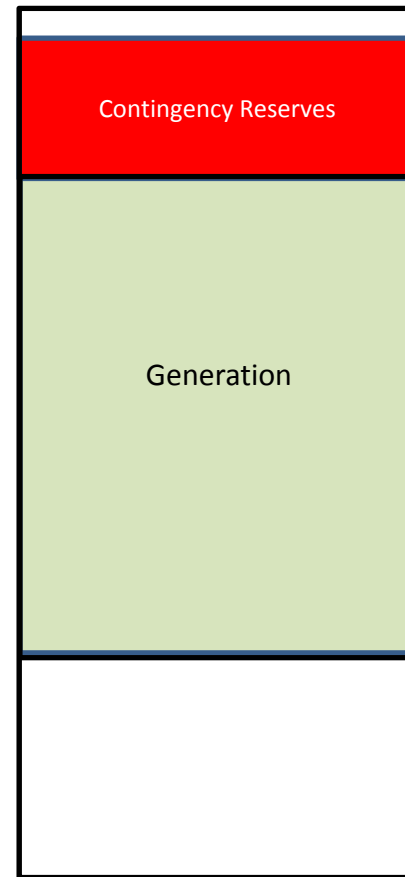


Max Turbine

Upper End of 1% Range

Lower End of 1% Operation

McNary Dam



Contingency portion of reserves moved to McNary allowing The Dalles to increase generation within the 1% range on all hours reducing TDG closer to the standard.

No change in generation at McNary Dam unless contingency reserves are deployed (in May – June 2016 <4% of hours)