

MEMORANDUM

Date: April 16, 2015
To: Water Right File 96-9215
From: medl
Re: power use

The above permit carries two conditions which needed consideration before the proof statement could be considered acceptable.

The relevant conditions are 8 and 11. Both reference installation of measuring devices. I reviewed the file and believe that measuring devices are not required for a successful confirmation of the power use.

I expect that the turbine-generator is producing a small but continuous quantity of electricity that is stored in batteries. The water use will be limited by the turbine and the turbine is likely a pelton-wheel type which is fitted with nozzles. The number and size of the nozzles control and 'measure' the rate of water used.

The permit holder is generating power in a remote location away from any electric utility's grid. Neither the FERC nor Idaho Public Utilities Commission has interest in or knowledge of this facility. The director's term review condition will be based on the equipment lifespan.