

WALLACE DAM



Lake Oconee

GENERATING CAPACITY BRIEF

- The powerhouse contains six units consisting of two conventional units and four pumped storage units. The table below describes each unit:

Unit	Nameplate Capacity (MW)	Maximum Hydraulic Capacity (CFS)	Commercial Operation Date
1	52.20	8,400	1980
2	52.20	8,800	1980
3	56.25	8,600	1980
4	56.25	8,600	1980
5	52.20	8,200	1980
6	52.20	7,900	1979

- Average annual generation from 1993 to 2012 was 385,964 megawatt-hours (MWH), which is enough power to supply more than 34,200 homes per year.
- The dependable capacity of the project is 328.1 megawatts (MW) in the summertime, the most critical flow period. The maximum generating capacity of the project is 321.3 MW.
- The dependable capacity is the maximum average capacity for 8 hours each day for 5 consecutive days using average summer inflows.
- The generating capacity provided by the Wallace Dam has low emissions. Replacement of the generating capacity at the Wallace Dam would necessitate an increase in fossil-fueled generating capacity (natural gas).
- Hydropower generation is a cheaper source of generating capacity than fossil-fueled generation. Having hydropower in the power generation mix ensures lower utility bills for consumers.

Summary: The Wallace Dam provides clean, low-emission peaking power sufficient for 34,200 homes and replaces more expensive fossil-fueled generation.

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