

BEFORE THE PUBLIC UTILITIES COMMISSION OF CALIFORNIA

Order Instituting Rulemaking to Integrate
and Refine Procurement Policies and
Consider Long-Term Procurement Plans

Rulemaking 12-03-014
(filed March 22, 2012)

MOTION OF RIVERBANK PUMPED STORAGE, LLC FOR PARTY STATUS

Kim L. Johnson
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January 18, 2013

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Riverbank Pumped Storage LLC, a Delaware Limited Liability Company, is a developer of two California (“CA”) in-state and/or electrically interconnected closed loop pumped storage projects; Swan Lake North Hydro, LLC and Don Pedro Hydro, LLC. Riverbank Pumped Storage, LLC respectfully moves for Party Status in this proceeding in accordance with Section 1.4 of the California Public Utilities Commission Rules of Practice and Procedure.

I. Riverbank Pumped Storage, LLC’s Interest in this Proceeding

This motion for Party Status is filed in order to enable Riverbank Pumped Storage, LLC (“Riverbank PS”) to participate formally as an active party in the proceeding. Riverbank PS’s Swan Lake North Project is the most advanced of its CA market projects. Swan Lake North has submitted its draft license application to the FERC and is in the feasibility study phase of a direct CA interconnection with the Transmission Agency of Northern California (“TANC”). Riverbank Pumped Storage’s affiliate Swan Lake Holdings owns 65% of Swan Lake North. EDF-re, a California Company, holds the other 35% interest. Riverbank Pumped Storage is developing the project approximately 11 miles NE of Klamath Falls, Oregon. The transmission line from the project to the proposed Point of Interconnection (POI) is approximately 33 miles long. It terminates roughly 2.5 miles south of the state line, 9.5 line miles south of BPA’s Captain Jack Substation and approximately 7.5 miles east of Tulelake, California. The proposed POI will be a new point of interconnection to the existing TANC California Oregon Transmission Project (“COTP”), a 500 kV transmission line.

The proposed Project(s) are large scale energy storage projects that will provide electrical generation, peaking capacity, fast ramping, frequency response and transmission system benefits deemed essential for cost-effective integration of a high level of renewable wind and solar generation sources, and to maintain transmission reliability for utilities in CA and the Pacific Northwest.

The Swan Lake North Project is a pumped storage facility: storing low-cost energy for use as peaking generation during periods of high power demand. It is being designed with two water conveyance systems to accommodate multiple off takers and variable speed turbine technologies to provide fast ramping, reg up and down at 80+ MW/second. The project is designed to be able to provide reg up and reg down services in both the generation and pump modes. The project uses the available, unused capacity of wind generation at night and solar power on weekends as its energy source to pump water from the lower reservoir to the upper reservoir. During the day the project would operate as a hydroelectric generation project, releasing water from the upper reservoir through the reversible

turbines to generate power. Swan Lake North is a 1000 MW project that can generate a maximum of 3,252 gigawatt hour (GWh) per year, assuming a capacity factor of 41.6%.

The propose project serves state policy in terms of providing needed storage for the integration of alternative energy sources, provides fast-ramping generation capacity to meet peak power demands, ancillary services necessitated by grid transmission operations(e.g. spinning reserves, voltage regulation, load following) and reduction in greenhouse gas emissions.

As the developer of two proposed significant hydro projects, one in California and the other with a first point of interconnection in California, Riverbank PS can add to this proceeding the results of its significant research into pump storage and grid integration including estimated development and operating costs.

II. Notices

Service of notices, orders and other communications and correspondence in this proceeding should be directed to the address below.

III. Conclusions

Riverbank PS's participation in this proceeding will not prejudice any party, delay the schedule, nor broaden the scope of issues in the proceeding. For the reasons set forth herein, Riverbank Pumped Storage respectfully requests that the Commission grant this Motion for Party Status.

Respectfully Submitted,

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