

Gas plants update shows equipment, licensing milestones

Headway made during mid-to-late September

09/29/2015 by Wayne Barber

Developers of new natural gas power plants made headway with licensing, equipment and vendors during mid-to-late September, according to information gathered by *GenerationHub*.

Here are some recent developments on projects of at least 50 MW: **LS Power** affiliate **Hickory Run Energy LLC** has proposed a natural gas generating facility located in Lawrence County, Pa. The facility will have a total capability of 1,000 MW with 870 MW of this output being recognized by **PJM Interconnection** as capacity. A PJM study on the project, dated September 2015, said the proposed in-service date for this project is June 2018. **Public Service Enterprise Group** (NYSE: PEG) subsidiary **PSEG Power** has ordered a **General Electric** (NYSE: GE) gas turbine and associated equipment for its new Sewaren 7 combined-cycle power plant in New Jersey. The facility is expected to generate 540 MW. PSEG Power had announced Aug. 24 that Sewaren 7, a new 540-MW, dual-fuel combined-cycle power plant, had cleared PJM's Reliability Pricing Model Base Residual Auction. PSEG expects to begin construction on the \$600m plant in early 2016. The project is targeted for commercial operation in the summer of 2018. **Braintree Electric Light Department** on Sept. 28 filed with the Federal Energy Regulatory Commission an interconnection agreement that covers the addition of a 66-MW simple-cycle combustion turbine (Watson Unit 3) at the site of the existing Watson Units 1 and 2. The Massachusetts utility also owns and operates the Potter 2 facility, which will be retired when this new unit begin operations. **Renovo Energy Center LLC**, based in Frederick, Maryland, has filed an application with the Pennsylvania Department of Environmental Protection for an air permit for the 950-MW Renovo Energy Center. The project would be a combined-cycle power plant to be located in the Borough of Renovo in Clinton County, Pa., according to a notice in the Sept. 26 *Pennsylvania Bulletin*. A domestic affiliate of **Advanced Power Services AG** is asking the New York State Department of Environmental Conservation for an updated draft air permit for the 1,000-MW **Cricket Valley Energy Center LLC**. The project would be located in Dutchess County, New York. The initial permit was issued in September 2012, but is due to lapse. The state agency is taking comments until Nov. 17. **Newark Energy Center LLC** (NEC), **EIF Newark LLC** and other related companies informed the Federal Energy Regulatory Commission on Sept. 22 that the new 755-MW Newark Energy Center facility is about ready for commercial operation. The facility is interconnected to the transmission system owned by **Public Service Gas & Electric** and operated by PJM Interconnection. **Burns & McDonnell** on Sept. 17 said that it is teaming with **Skanska USA** and **Ecco III Enterprises Construction** to design and construct a new 720-MW combined cycle facility in Wawayanda, New York. The vendors have been retained by an affiliate of **Competitive Power Ventures** (CPV) to develop the CPV Valley Energy Center. The Pennsylvania Department of Environmental Protection officially announced Sept. 17 that it has issued an air quality plan approval for **Moxie Freedom Energy LLC** to construct and operate a 1,050-MW natural gas-fired plant in Salem Township, Luzerne County. The approval was granted by DEP's Air Quality Program on Sept. 1. The project is currently forecast to start commercial operation in the second quarter of 2018. The Ohio Power Siting Board (OPSB) on Sept. 17 authorized **Clean Energy Future-Lordstown** to construct an 800-MW natural gas-fired combined-cycle generation facility in Lordstown, Ohio. The company plans to start construction later this year and begin commercial operation by May 2018. The project represents an estimated construction investment of more than \$850m. **FGE Eagle Pines LLC** is nearing issuance by the Texas Commission on Environmental Quality of air permits that would authorize construction of the 3,400-MW FGE Eagle Pines Project, a natural gas-fired combined-cycle plant. The project

site is at New Summerfield in Cherokee County, Texas. The commission said in a Sept. 10 public notice that a decision has been made to issue these permits, with comments being taken on that proposed action.

ABOUT THE AUTHOR

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Wayne Barber, Chief Analyst for the GenerationHub, has been covering power generation, energy and natural resources issues at national publications for more than 20 years. Prior to joining PennWell he was editor of Generation Markets Week at SNL Financial for nine years. He has also worked as a business journalist at both McGraw-Hill and Financial Times Energy. Wayne also worked as a newspaper reporter for several years. During his career has visited nuclear reactors and coal mines as well as coal and natural gas power plants.

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