



May13, 2019

CVEC-PSC-0031
Via Email

Hon. Kathleen H. Burgess
Secretary to the Commission
New York State Public Service Commission
Empire State Plaza
Agency Building 3
Albany, New York 12223

Re: Case I1-E-0593 - Cricket Valley Energy Center, LLC-Order Granting Certificate of Public Convenience and Necessity and Establishing Lightened Ratemaking Regulation- Issued February 14, 2013.

Dear Secretary Burgess:

In conformance with Condition 18 of the above captioned Order, Cricket Valley Energy Center, LLC (CVEC) is filing with the Commission and Con Edison its monthly progress report with respect to the construction of a 1,100 megawatt combined cycle natural gas fired power plant (the "Project") in Dover, New York. The information provided in this report is for work performed during the month of April, 2019.

Environmental Health and Safety

To date, there have been no serious safety or environmental incidents on the Project.

Construction Project:

As of 4/30/19, construction is 67.2% complete versus a target plan of 66.7%.

Centerline progress continues with focus on alignment of all ST and CT units and pipe tie-ins. Installation of BOP piping, cable tray and conduit have continued to ramp up during April. Piping progress and installation rates continued to show improvement in April, which has allowed for a slightly improved outlook on forecast completion dates. During this period Construction completed installation of piping at the gas metering area, pressure test of U2 ACC, U2 turbine building high bay steel, set and commission the second turbine building bridge crane, installation of U2 & U3 STG stop and control valves, and began installation of insulation in U1 and U2 turbine. Startup & commissioning ("Startup") of the plant is 6.5% complete against a target plan of 5.7% through April. GIS and backfeed system turnovers are underway and construction will begin releasing systems required for hydrostatic testing, which will continue to open work fronts for Startup.

Cricket Valley Energy

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Construction Progress, Looking Southeast

Specific work completed in April included...

Modular Pipe Rack

- Completed installation of U3 interconnecting piping.

Mechanical Above Ground

- Continued installation of ST access platforms on all units.
- Continued installation of piping in the Water Treatment Building.
- Completed installation of piping at the gas metering area.
- Continued installation of U1 & U2 ST lube oil piping.
- Continued installation of U1 fuel gas piping.
- Commenced installation of U2 fuel gas piping.
- Continued installation of U1 & U2 condensate drain piping.
- Continued installation of Closed Cooling Water piping.

ACC

- Continued installation of U1 steam riser.
- Continued installation of U1, U2 and U3 wind wall structure. Commenced installation of the wind wall siding.
- Completed installation of U1 Drain Pot Platform.
- Completed installation of U2 steam header and condensate piping.

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- Completed pressure testing of U2.
- Continued installation of U3 condensate piping.
- Completed setting U3 steam header.
- Continued installation of U2 North/South steam ducting.
- Completed installation of ACHE tube bundles, fans, and risers.

Electrical Above Ground

- Continued installation of U1 and U2 isophase bus duct.
- Commenced installation of U3 isophase bus duct.
- Continued pulling cable in ACC U3.
- Continued installation of cable tray and supports in all HRSG units.
- Continued cable pulling inside U1 HRSG E-Room, Common PCC, U2 HRSG E-Room and U3 HRSG E-Room.
- Commenced installation of instrumentation in the Water Treatment Building.

MCE Buildings, Pre-Engineered Buildings, and Electrical Rooms

- Continued installation of U1 MCE Turbine Building siding, roofing, fans and louvers.
- Continued installation of U1 ST low bay steel.
- Commenced installation of U2 ST low bay steel.
- Continued installation of U2 MCE Turbine Building siding and roofing.
- Completed installation of the U2 HRSG high bay steel.
- Commenced installation of the U2 HRSG building roof decking.
- Continued installation of U1 HRSG high bay steel.
- Commenced installation of U3 HRSG high bay steel.
- Continued installation of U1 and U2 HRSG low bay siding.
- Commenced installation of U1 and U2 HRSG low bay roof decking.
- Set and commissioned the second turbine building bridge crane.

GIS/AIS

- Installed system for SF6 Gas Cart and HV test Set.
- Installed fence fabric and gates.
- Installed yard lighting.
- Installed electrical for HVAC split units.
- Continued with GIS Room Electrical rough-in.
- Continued with cable tray installation.
- Continued installation of DC Switchboards.
- Continued installation of AC Load boards.

Civil

- Completed final grading of GIS area.
- Completed installation of the hydrogen storage foundation.

HRSG/Centerline

- Continued installation of HRSG large bore piping on all units.
- Continued installation of small bore piping on all HRSGs.
- Continued installation of HRSG U1 and U3 Outlet Duct.

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- Continued setting HRSG exhaust stacks.
- Continued installation of CT U2 and U3 inlet filter house and ducting.
- Completed installation of CT U1 turbine enclosure.
- Commenced installation of CT U2 turbine enclosure.
- Continued installation of CT U2 and U3 piping.
- Continued alignment on ST U1, U2 and U3.
- Completed installation of the ST U2 and U3 stop and control valves.
- Commenced installation of the ST U1 snout and valves.

Insulation

- Commenced installation of the U1 turbine insulation.
- Commenced installation of the U2 turbine insulation.

Work to be Performed Next Period

Mechanical Above Ground

- Complete installation of U1, U2 and U3 ST access platforms.
- Complete installation of piping at the Water Treatment.
- Continue installation of U1 and U2 ST lube oil piping.
- Commence installation of U3 ST lube oil piping.
- Continue installation of U1 and U2 condensate drain piping.
- Commence installation of U3 ST lube oil piping.
- Continue installation of U1 and U2 fuel gas piping.
- Complete installation of Closed Cooling Water piping.

ACC

- Complete Unit 1 Fans - Align, couple & set blade pitch.
- Complete install of U1 doors.
- Continue installation of U1 East/West steam ducting and risers.
- Commence Unit 2 and 3 Fans - Align, couple & set blade pitch.
- Complete install U2 East and West windwall structure.
- Continue install of U2 doors.
- Complete welding of the Unit 3 steam headers.
- Complete pressure testing of U3.
- Continue installation of U3 North/South steam ducting and risers.
- Complete Erect U3 West, South and East windwall structure.
- Complete install of U 3 piping.
- Complete installation of ACHE.

Electrical Above Ground

- Continue cable pulling inside U1 HRSG E-Room, U2 HRSG E-Room U3 HRSG

E-Room and Common PCC.

- Continue installation of cable tray and supports in all HRSG units.
- Complete installation of U1 isophase bus duct.
- Continue installation of U2 and U3 isophase bus duct.

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- Complete installation of cable and terminations inside Fin Fan Electrical Room.

MCE Buildings, Pre-Engineered Buildings, and Electrical Rooms

- Complete installation of U1 MCE Turbine Building siding and roofing.
- Continue installation of U2 and U3 MCE Turbine Building siding and roofing.
- Complete installation of HRSG U1 high bay steel.
- Continue installation of the HRSG U3 high bay steel.
- Continue installation of HRSG U1 and U2 low bay steel siding.
- Commence install of batteries and chargers.
- Commence install of ventilation and heating controls.
- Terminate HV Cable in Y1, 2 and 3.
- Pull and terminate cable for the fire alarm system.
- Install temporary signage.
- Install fence grounding in Y1, 2 and 3.
- Complete HVAC install.
- Complete interior painting.

Civil (O&G)

- Commence installation of the Ammonia Tank foundation.
- Continue final grading of the site.

HRSG/Centerline (Frank Lill and Son)

- Complete setting of HRSG stack on all units.
- Continue installation of HRSG large bore and small bore piping on all units.
- Continue installation of HRSG U1 and U3 Outlet Duct.
- Continue installation of CT U2 and U3 inlet filter house and ducting.
- Continue installation of CT U2 and U3 piping.
- Continue alignment on ST U1, U2 and U3.
- Continue installation of the U1 ST snout and valves.

Insulation

- Continue installation of U1 and U2 turbine insulation.
- Continue setup of storage and manufacturing areas.

Startup and Commissioning: The primary focus is testing to support energization of the GIS and Back feed of Unit1 GSU and UAT. After soaking the GSU we will cascade power down to the 4.16KV switchgear, 480V load centers and 480V MCCs. In May, we will also be following on with systems to support U2 and Unit 3 back-feed. Instrument air and water treatment systems will begin to be a focus after turnover to startup and power availability.

You'll find the Project schedule attached reflecting progress through the end of April, 2019.

Please contact me at mduquette@cricketvalley.com or 617-320-5219 should you have any questions.

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With Kindest Regards,



Marc J. Duquette
Director, Environmental Health and Safety

cc: Chuck Davis (CVEC)
Andrew Degon (CVEC)
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John McCoy (ConEd)
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File: CVEC-PSC-0031

AAC = Air Cooled Condensors
AIS = Air Insulated Switchyard
CT/CTG = Combustion Turbine Generator
GIS = Gas Insulated Switchyard
HRSG = Heat Recovery Steam Generator
ST/STG = Steam Turbine Generator

File Index:20.8.7

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