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## **E.S. Boulos nears completion of 1.8m W Solar project for WMEC**

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E.S. Boulos Company's utility/industrial division is nearing completion of the 1.8mW Photovoltaic Power System for Western Mass. Electric Co. (WMECO).

The ground mount system is comprised of 6,534 Suntech 280W solar modules. The project is among the largest Photovoltaic systems in the Northeast to be ground mounted on a concrete ballast system.

The Pittsfield Photovoltaic Power System will connect into 3 advanced Energy Solaron 500 W Inverters. These inverters will then feed solar electricity into a new step-up transformer before it is output onto a medium voltage utility power line.

E.S. Boulos Company's utility/industrial division manager Rick Hanlin, project manager Clint Chicoine and superintendent Alan Squilanti are supervising a workforce of 45 electricians based out of IBEW Local 7 in Springfield.

The Photovoltaic Power System has a targeted in-service date of December.

In another power station project, E.S. Boulos Company's utility/industrial division has completed phase I of the South Gorham (ME) Substation Expansion project.

The scope included installing a GE Prolec 400 MVA Autotransformer, seven 362kV Hyosung GIS-IPO circuit breakers, two 115kV GIS Siemens circuit breakers, a control house addition, physical security system, lighting arrester, CCTV, four 345kV dead end A-frame structures, and a 345kV bus system.

Phase II is scheduled to begin this month with a targeted completion of July 2011. It will entail replacing twelve 115kV general-purpose circuit breakers with 12 115kV new IPO style circuit breakers and 16 new protection and control cabinets.

At peak construction, E.S. Boulos Company's project management team, headed by project manager John Carrier and superintendent Eric Clark, are supervising a field crew of 16, comprised of electricians from IBEW Local 567 and linemen from IBEW Local 104.

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