

New Correctional Facility for Women Construction Update for May 8, 2017.

We have completed construction weeks #57, #58, and #59 of the new NH Correctional Facility for Women in Concord. The project continues to be on time and within budget. This last week, the Governor and Council approved the department to enter into an agreement with the Public Utilities Commission to utilize \$276,808 of renewable energy funds on the project. What does this mean? We are now fully approved to install approximately 400 Photovoltaic Solar cells on the roof of the new facility! These will supplement the facilities electrical demand by generating approximately 140,000 kWh annually or in other words, supply electrical power to 19 average homes. This will be the DOC's first active solar project, undoubtedly we will use alternate energy sources like Solar from this point forward on all Capital Projects and/or wherever the opportunity and design allows on smaller own forces type renovation projects. Pictured below is the busy Boiler Room area, two highly efficient gas fired Viessman Boilers were installed over the last three weeks along with various pumps, condensate and hot water control systems to maintain hot water supplies at a set point, this is the heart of the facility and where the active Solar power will come in to assist. All of this will be controlled by a very sophisticated Building Management System (BMS) which continually monitors the entire physical plant. Sheetrock continues to go up in medical and dental area and they have started the hardened epoxy painting on the block walls.



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