

Bridge Maintenance News

Solar Powered Pour

A building contractor in the southern tier has developed what might be the first solar-wind powered generator for use on construction sites. Canadice Construction Corporation claims to be the first to develop a solar and wind powered generator that has the ability to supply gas-free electric power to a workforce of up to 15 tradesmen. Dick Gammell, the developer, says his portable unit replaces gasoline and diesel variety generators (up to 7,000 watts), resulting in the reduction of the use of at least 5 gallons of gas for every 8 hour work day. That's how Dick suggests you measure the payback period – in the cost of gallons of gas not used.

Ramsey Constructors has used the generator on several highway construction projects in western NY. Bill Adams with Ramsey says —My carpenters love it. You tend to hear gas-powered generators in your sleep. This is different. Currently, Ramsey is the only heavy highway contractor using solar-wind powered generators. They used the generator to power saws, chipping hammers and concrete vibrators on a culvert rehabilitation project on Route 37 in Ontario County.

This was possibly the first job using renewable energy in the nation and could be the wave of the future for highway projects in NY.

For additional information go to: www.canadiceconstruction.com



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