Azima DLI to maintain Ivanpah solar energy project

By Editors of Electric Light & Power/ POWERGRID International

Azima DLI will deliver predictive maintenance services to NRG Energy Services, operator of the Ivanpah Solar Electric Generating Station, a solar thermal power plant, owned by NRG Energy, Google and BrightSource Energy.

Azima DLI's Watchman Analysis Program will be implemented to ensure reliability of more than 700 of Ivanpah's rotating equipment pieces, located across 3,500 acres of California's Mojave Desert.

Ivanpah will be running a 392 MW solar power facility, using mirrors (heliostats), to focus sunlight on solar receivers atop power towers. Solar generated power from all three plants will produce clean, reliable energy to more than 140,000 California homes.

Using electricity generated at Ivanpah means displacing more than 400,000 tons of carbon dioxide (CO2) each year and decreasing water use by 95 percent when compared with wet-cooled solar plants.

The Azima DLI Watchman Analysis Program will be fully integrated as soon as the plant reaches commercial operation. In most scenarios, plants take preventative measures with PdM technologies when experiencing machine failure and downtime.

Ivanpah is currently using Azima DLI technology in acceptance testing and benchmarking of rotating equipment during the project's commissioning phase. Ivanpah currently has an internal maintenance team augmented with the Watchman Analysis Program.

This team has been trained on using TRIO data collectors and in 2013 will be using Azima DLI's eLearning modules to ensure understanding and interpretation of vibration analysis and the actionable information provided. Azima DLI analysts will make quarterly visits to assess more than 700 machines being monitored within the Watchman Analysis Program.

The Ivanpah Solar Electric Generating System uses solar thermal technology and a low environmental impact design to power California's clean energy economy with cost-competitive and reliable solar power. Located in Ivanpah Dry Lake, California, the three-unit power system will be built on nearly 3,500 acres of public desert land.

Forrás: http://www.elp.com/articles/2013/03/azima-dli-to-maintain-ivanpah-solar-energy-project.html
Az **AZIMA DLI** hivatalos magyarországi képviseletét a **Delta-3N Kft**. látja el.
Delta-3N Kft. 7030 Paks, Jedlik Á. u. 2. Tel.: +36-75-510115 Fax: +36-75-510114 **www.delta3n.hu**