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News from Director Renfrow

City Water, Light and Power's Dallman 4 was awarded POWER magazine's highest honor, the Plant of the Year Award. For choosing the latest in coal-fired technology and air quality control systems, for assembling a tightly integrated team that completed the project well before the contractual deadline and under budget, and for negotiating a landmark agreement with the Sierra Club that allowed the project to move forward the utility received this award.

I'm pleased to report the plant will be commissioned into service later this month, approximately six months ahead of schedule, which has really raised the bar as a standard for power plant design and construction.

Built with efficiency and environmental stewardship in mind were just two factors in this project's success. Having the right team in place to manage this project was also important. KBV Springfield Power Partners, coupled with the CWLP Project Team and quality craft labor, worked together to get through all of the obstacles and challenges that are encountered in such a complex project.

While the investment made for this project was significant at a half-billion dollars, it was money well spent for the fact that in the coming years our City will still be secure with a reliable and economic electric supply to grow into. And over the long term, Dallman 4 will yield energy savings in the billions of dollars for CWLP ratepayers. You can read more about our award from POWER magazine's perspective [here](#).

Sincerely



Todd Renfrow
General Manager



Advances in Solar Arrays



A new revolutionary cylinder shaped solar array system ideal for commercial rooftops gets \$535 million in stimulus funds to build new production facility. Vice President Biden announced the DOE loan on 9/4 to allow Solyndra to expand its manufacturing capacity of their long cylinder shaped photovoltaic module mounted inside a glass tube, which is ideal for placement on flat or low slope commercial roofs. Its aerodynamic design allows it to be mounted quickly without mechanical fastening or heavy ballasting. Read article [here](#). Or view manufacturer's video at [Solyndra](#).

Data Center Efficiency

Does your business have a data center, with multiple servers? It's a critical element for a growing number of organizations. If so, are you being as creative as possible managing the energy costs to keep it operating efficiently? Check out this simple idea as a means to shave energy overhead while guaranteeing server performance.



See article link: [Novel Way to Cool Data Centers](#)



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Retro-Commissioning an Inefficient Building

In the last issue of Commercial Solutions E-Newsletter we discussed benchmarking your facilities and obtaining an energy rating for each building. So what do you do if you find that a building has a low rating? You may want to have the building retro-commissioned. Retro-commissioning is the process of having a problem building professionally analyzed and systems adjusted to obtain peak energy efficiency of existing systems and to develop and help implement other cost effective energy efficiency measures.

In the near future CWLP will help you with the cost of retro-commissioning qualified buildings and implementation of identified energy efficiency measures through a new rebate program; details coming soon. In the meantime, the following links explain retro-commissioning in more detail and highlight case studies.



[Retro-commissioning Explained](#)

[44 Commissioning Case Studies](#)

[DOE National Lab Case Study](#)

[In-depth Case Study of Office Building](#)