



## Industrial & Advanced Technology

### Solar/PV

### Solar/Photovoltaics Experience

For more than a decade, CH2M HILL has worked with developers of solar PV products in all cell technologies. The majority of our customers require non-disclosure agreements; while we carefully guard proprietary information, we can say that our portfolio includes:

- Solar/PV customers ranging from start-ups to companies in the top 20 list of manufacturers
- Extensive experience with all four major technologies (c-Si, a-Si, CdTe, and CIGS)
- Design-build, design-only, and front end consulting work in Asia, Europe, and North America
- Wafer plants, cell manufacture, module, and thin-film turnkey projects

We keep our customers on the leading edge with up-to-the-minute knowledge and best practices from across the spectrum of advanced technology. For example, we have incorporated aspects from semiconductor and flat panel display manufacturing (gas handling, balancing utility requirements for tool support, hazardous material safety) to improve solar PV commercial scale production. CH2M HILL clients also benefit from our long-standing relationships with major equipment suppliers, helping optimize information exchange, tool installation, and compliance with design requirements.

### Contact:

[www.ch2mhill.com/solarpv](http://www.ch2mhill.com/solarpv)

### Global Reach and Replication Strategies

With offices worldwide and partnerships with many international design and construction professionals, CH2M HILL has Program Management capabilities to manage multiple projects in locations around the globe. We apply proven replication strategies to help high-technology clients systematically improve and expand production facilities anywhere in the world.