

## Dow Kokam

### Midland Battery Park Fact Sheet

Dow Kokam has initiated construction on an 800,000 square foot, large-format battery manufacturing facility in Midland, Michigan that will have two overlapping construction phases. When complete, the facility will employ nearly 800 people, and have the capacity to manufacture 1.2 billion watt hours of large-format, affordable lithium-ion batteries – enough to power 60,000 fully electric or hybrid electric vehicles annually (assuming a 20 KWh battery system).

The highly automated Dow Kokam Midland Battery Park, a first-of-its-kind in the U.S., signifies a pivotal moment in the growth of lithium-ion battery technology, which up until this time has largely been limited by less reliable and less consistent manufacturing methods. Through its advanced, mass-production capabilities in Midland, Dow Kokam will ensure greater efficiencies, product reliability and consistency in battery development, which in turn will create better performance and value – critical enabling factors in making electric and hybrid-electric vehicles widely available to consumers.

Together, with support from a U.S. Department of Energy Reinvestment and Recovery Act grant and incentives from the State of Michigan, Dow Kokam is leading the charge for a new, self-sustaining, profitable and vibrant industry in the U.S. Through the development of this facility, Dow Kokam will help to fulfill the need for greater energy and economic security, while also helping to meet worldwide demand for cleaner, alternative energy sources.

#### Construction:

Phase 1	Phase 2	Midland Battery Park (when complete)
<ul style="list-style-type: none"> <li>• Project start: May 2010</li> <li>• Total investment: \$322 million – shared equally between Dow Kokam and U.S. DOE grant funding</li> <li>• Targeted capacity: 600 million watt hours (equivalent to 30,000 fully electric vehicles, assuming a 20 KWh battery system)</li> <li>• 320 full-time employees when Phase I is fully operational</li> <li>• 1000 construction jobs (estimated)</li> </ul>	<ul style="list-style-type: none"> <li>• Project start: As early as 2011</li> <li>• Total investment: \$300-400 million (estimated)</li> <li>• Targeted Capacity: An additional 600 million watt hours</li> <li>• Battery pack assembly equipment and production incorporated</li> <li>• Up to 400 additional full-time employees</li> <li>• An additional 1000 construction jobs (estimated)</li> </ul>	<ul style="list-style-type: none"> <li>• Completion as early as 2015</li> <li>• Total investment: &gt;\$600 million</li> <li>• Targeted Capacity: 1.2 billion watt hours</li> <li>• More than 720 full-time employees when fully operational</li> <li>• 800,000 square feet of cell production and pack assembly capability</li> </ul>

Construction will also include development of clean rooms and dry rooms, highly sterile and static-free environments where sensitive, automated equipment is operated during critical phases of the battery production process.