



FACT SHEET

“Fab 2, Module 1”

Luther Forest Technology Campus, Saratoga County, NY

GLOBALFOUNDRIES is adding to its highly successful “Fab1” in Dresden, Germany with the construction of “Fab 2, Module 1” at the Luther Forest Technology Campus in Saratoga County, NY. Key elements of this project include:

SITE STATISTICS

Area	163.04 Acres (Town of Malta)
	54.41 Acres (Town of Stillwater)
	222.45 Acres Total

Zone	Town of Malta LFTC PDD (As amended 09.23.08)
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Building Square Footage	FAB: 883,000 GSF (Including up to 270,000 SF Class 100 Clean Room)
	Spine: 99,800 GSF
	Office: 220,000 GSF
	CUB: 124,420 GSF
	Total: 1,327,420 GSF
	Ancillary Buildings (Unoccupied): 33,699 GSF
	Green Space within Town of Malta: 72.4%

PROJECT OVERVIEW

New Jobs This project will create approximately 1,400 new direct semiconductor manufacturing jobs once full scale production is achieved, with an average annual salary of \$60,000 per year and an estimated annual payroll of more than \$88 million.

This project is expected to create an additional 5,000 indirect jobs in the region with a sustained estimated total payroll for both direct and indirect jobs of \$290 million per year.

The total capital budget is estimated at approximately \$4.2 billion, including local construction expenditures of as much as \$800 million, and is expected to be an immediate boost the region’s economy. Construction is expected to require approximately 5 million man hours to complete and support about 1,600 jobs, with the potential for an additional 2,700 jobs added through economic multiplier effects.



Timeline

The current project timeline, including the “target” construction dates filed with the site plan application to the Town of Malta, is tentative and will be adjusted as the final construction plans are completed:

- April: Purchase 222 acres of land at LFTC
- April: Officially announce General Contractor
- April: site clearing and grading begins
- Complete formal construction timeline and prepare to break ground
- Issue commitment letter from new GLOBALFOUNDRIES Board of Directors to State of New York before July 2009 deadline
- June 16: official groundbreaking/first concrete poured
- July 17: first steel erected
- July 2010: building shell completed
- July 2011: fab completed
- 2012: manufacturing begins

Facility Design

The state-of-the-art wafer manufacturing facility will be the world’s first 300mm fab designed for 32 nanometer technologies and will be comprised of four major building elements:

1. **Wafer fabrication building** (“fab”) – a two-story structure with a utility sub-fab and a 300 mm wafer fabrication facility (“clean room”)
2. **Support building**, including a “spine” – a three-story structure adjacent to the fab
3. **Administrative office building** for traditional office space
4. **Central utility building** (CUB) along with service yards and small support buildings – a single-story structure containing major support systems

The preliminary design process integrated an energy and environmental charette conducted by the Rocky Mountain Institute. Buildings have been designed in accordance with “green building standards” including those set forth by the **U.S. Green Building Council (USGBC)** in the current LEED Green Building Certification System for New Construction version 2.2.

The facility will be both technically advanced as well as environmentally sensitive. All aspects of the project have been reviewed for good sustainable design, ranging from site design improvements like reductions in light pollution, alternative transportation methods, to natural resource saving methods. The project is committed to pursuing the highest practical LEED Green Building certification possible.

This project has been voluntarily registered for the **New York State Energy Research and Development Authority (NYSERDA) New Construction Program**. Collaboration with NYSERDA will complement LEED efforts and drive further innovation as the design progresses through construction and commissioning.

This project has also been voluntarily submitted to the **New York State Department of Environmental Conservation’s Environmental Leaders Program (NYEL)**. The program includes a commitment to engage the community in the review of performance as well as related environmental issues. As the project moves from construction towards operational readiness, appropriate NYEL operational goals will be established.
