

2025 Corning Global Impact Report

Hemlock Semiconductor

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Corning Incorporated's stake in Hemlock Semiconductor to 80.5%. Although Hemlock's governance is independent of Corning, its product set is an important part of our overall portfolio, and its energy needs are a significant fraction of Corning's global energy use.

For more information, please visit [Hemlock Semiconductor](#).

About Hemlock Semiconductor

Hemlock Semiconductor (HSC) transforms people's lives by energizing and connecting our world through silicon technology. Since 1961, HSC has been a leading global provider of hyper-pure polysilicon and other silicon-based products and is the only polysilicon manufacturer headquartered in the United States. HSC plays an essential role in the semiconductor and solar industries, with the vision of becoming the preferred supplier of silicon-enabled technologies to the low-carbon, digital world. To achieve its goals, HSC draws on the talents of more than 1,600 employees and contractors.

HSC polysilicon is used to make computer chips – the “brains” behind the electronic devices we rely on to make our lives easier, safer, and more enjoyable. HSC is just one of six major manufacturers in the world that makes polysilicon used to create semiconductor wafers. In fact, nearly all electronic devices in the world contain HSC polysilicon.

HSC also is moving the world toward a greener future by supplying the rapidly growing solar power industry. In solar cells, HSC's polysilicon enables high efficiency and clean conversion of solar energy into electricity, created with one of the smallest carbon footprints for solar polysilicon on the planet. The low embodied greenhouse gas emissions in HSC polysilicon materials facilitate the production of ultra low-carbon solar panels. These panels allow solar project developers and owners to lower the embodied carbon of their projects by up to 50 percent.

HSC is committed to doing good for the local Michigan and global communities, relentlessly improving its operations and continually working with suppliers and customers to remove supply chain carbon emissions. HSC is a member of the Ultra-Low Carbon Solar Alliance, which consists of manufacturers across the solar supply chain and focuses on reducing embodied carbon.

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