



First Solar Water Policy

As part of our vision to lead the world's sustainable energy future, First Solar is committed to providing an ecologically leading solution to climate change, water scarcity and the unsustainable growing consumption of natural resources. While climate change has been an important driver for renewable energy adoption, water security provides an additional driver. The energy-water nexus associated with traditional energy sources is a growing concern particularly in water-stressed regions. By generating clean electricity with no emissions, water use, or waste generation, First Solar PV solutions enable customers to decouple their own business growth from environmental impacts associated with conventional electricity generation and consumption.

First Solar recognizes that access to clean water is a fundamental human right, in line with Goal 6 of the United Nations' 2030 Agenda for Sustainable Development. Water is vital to First Solar's operations as our thin film solar photovoltaic (PV) manufacturing process relies on ultra-pure water production and PV power plant construction often requires water for site preparation and dust suppression. While direct onsite water use represents only ~12% of our product's lifecycle water withdrawal, the remainder is related to indirect water withdrawal from the use of grid electricity and raw materials. In line with our commitment to minimizing the environmental impacts and enhancing the social and economic benefits of our products and projects across their life cycle, our water-related priorities include:

- Improving the water efficiency of our operations by conserving, recycling and reusing water.
- Publishing metrics on water usage and conservation initiatives as part of our commitment to transparency.
- Supporting community projects focused on delivering access to clean energy and water in alignment with UN Sustainable Development Goals 6 and 7.
- Raising awareness of the energy-water nexus and partnering on innovative solutions to water challenges.