



Sustainability for a Connected Future

Public Comment: State of Sustainability Research for Ultra Low-Carbon Photovoltaic Modules

GEC proposes the development of criteria for the EPEAT ecolabel that allow purchasers to identify and purchase low-embodied carbon photovoltaic (PV) modules that reduce greenhouse gas emissions associated with PV manufacturing. Products meeting these criteria will be eligible for an Ultra Low-Carbon Solar (ULCS) designation in EPEAT. To receive the ULCS designation, PV modules also must be EPEAT registered at the bronze, silver or gold tiers.

As the first step in the criteria development process, GEC invites stakeholders to provide comments on the draft [State of Sustainability Research](#). The State of Sustainability Research provides the rationale and science-based foundation for drafting criteria. It includes background on embodied carbon, an overview of PV products and manufacturing processes, market drivers for low embodied carbon, and an initial conceptual framework for drafting the ULCS criteria.

Comments on the State of Sustainability Research must be submitted no later than May 7, 2021 using the [SOSR Public Comment Form](#). Comments should be sent to CRITERIA@globalelectronicscouncil.org.

If you are interested in participating in criteria development for ultra low-carbon solar, please contact the GEC project lead, Patty Dillon (Pdillon@globalelectronicscouncil.org) by May 7, 2021.

This State of Sustainability Research was prepared by Anthesis with the support of the Ultra Low-Carbon Solar Alliance, whose members share GEC's goal of using market preferences to encourage solar supply chain decarbonization.