

SCS Global Services does hereby Certify that an independent assessment has been conducted on behalf of:

CTC Global Corporation

2026 McGaw Avenue, Irvine, California, 92614 USA

Environmental Claims Validation

Verification Scope

SCS reviewed CTC Global Corporation's Conductor Comparison Program (CCP) for its validity in calculating line losses and the resulting CO₂ emissions for ACCC® Conductor and Aluminum Conductor Steel-Reinforced (ACSR) transmission line technologies. ACCC® Conductor is a conductor which has the potential to reduce electrical transmission losses and associated CO₂ emissions. This certification was conducted in accordance with industry standards for evaluating the environmental performance of various products.

Verification Criteria

Assuming installations where ACCC® Conductor substitutes for ACSR lines of similar design characteristics and identical operating conditions, ambient conditions, and grid power generation mix, SCS is able to substantiate the following claims:

- SCS certifies that use of the ACCC® Conductor technology in lieu of ACSR will reduce line losses and associated CO₂ emissions by 26-29% over the following range of parameters:
 - Line length: 20 to 60 miles
 - Diameter: 0.7 to 1.3 inches
 - Voltage: 110 to 400 kV
 - Peak operating amps: 650 to 2700 amps
- SCS certifies use of the CCP tool as a reasonable way to estimate reductions in line losses and associated CO₂ emissions achieved by installing ACCC® Conductor in lieu of ACSR technologies.
- SCS confirms, and has no reason to doubt, that use of the ACCC® Conductor in lieu of ACSR will reduce line losses and associated CO₂ emissions in general settings.

Certificate number: **SCS-ECV-00003**

Valid From: **August 15, 2023 through August 14, 2028**

Certificate Issuance date: **September 12, 2023**



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