

VOLUNTARY CARBON MARKET DISCLOSURES (AB1305 COMPLIANCE STATEMENT)

Toshiba America Energy Systems Corporation (TAES) is committed to transparency in our environmental communications. In accordance with California's Voluntary Carbon Market Disclosures Act (AB1305), we provide the following information regarding our carbon neutrality-related claims as of January 1, 2025:

Nature of Claims

TAES makes both educational and product-specific claims related to carbon neutrality:

- Educational Claims: General references to carbon-neutral technologies and decarbonization strategies, such as Carbon Capture Utilization and Storage (CCUS), Hydrogen Fuel Cells, and Geothermal Energy. For example, TAES describes geothermal energy as “clean, safe, and renewable,” and states that it “helps conserve fossil fuels and contributes to the diversity of energy sources.” These statements are based on publicly available materials¹ and reflect general environmental benefits but are not tied to specific emissions outcomes or offset programs.
- Product/Entity-Specific Claims: Descriptions of Toshiba's CCUS implementation at the Mikawa Biomass Power Plant in Japan and the development of hydrogen fuel cell technologies.

Basis for Claims

- CCUS: In compliance with California Health and Safety Code Section 44475.2(b), which requires disclosure of the basis, measurement, and third-party verification of environmental claims, the following substantiates the CCUS claim: Claims are supported by operational data from the Mikawa Biomass Power Plant, including a published [case study](#) and peer-reviewed research. The project is overseen by Japan's Ministry of the Environment. The CO₂ capture project at the Mikawa Biomass Power Plant was commissioned and funded by the Ministry of the Environment, Government of Japan (MOEJ), as part of the national “Sustainable CCS Project.” The project's findings were presented at the 16th International Conference on Greenhouse Gas Control Technologies (GHGT-16), a peer-reviewed forum organized in association with the International Energy

¹ U.S. Department of Energy. Carbon Capture Supply Chain Report – Final. Available at: <https://www.energy.gov/sites/default/files/2022-02/Carbon%20Capture%20Supply%20Chain%20Report%20-%20Final.pdf>

U.S. Department of Energy. DOE Announces Over \$127 Million to Advance Carbon Capture, Removal, and Conversion Test Projects. Available at: <https://www.energy.gov/fecm/articles/doe-announces-over-127-million-advance-carbon-capture-removal-and-conversion-test>

U.S. Energy Information Administration. Geothermal Energy and the Environment. Available at: <https://www.eia.gov/energyexplained/geothermal/geothermal-energy-and-the-environment.php>

Geothermal Rising. Geothermal Basics. Available at: <https://geothermal.org/index.php/resources/geothermal-basics>

Agency Greenhouse Gas R&D Programme (IEAGHG), which ensures scientific rigor in carbon capture research.

- **Hydrogen Fuel Cells:** Toshiba promotes hydrogen fuel cell technology as part of its decarbonization strategy. Through a chemical reaction hydrogen fuel cells create electricity by ionizing hydrogen gas. The ionized hydrogen combines with oxygen and forms pure water. Because no carbon or carbon-related derivative chemicals are involved in the ionization process, there is no opportunity carbon emissions and the process is by scientific principal carbon-neutral. No third-party verification of emissions performance has been conducted to date, and these technologies are not yet deployed in North America.

Verification and Limitations

In compliance with California Health and Safety Code Section 44475.2(b), which requires disclosure of the basis, measurement, and third-party verification of environmental claims, the following limitations and verification details are provided:

- No carbon offsets are purchased or retired in association with these claims.
- No formal science-based targets or third-party verified emissions reduction pathways are currently in place.
- The Mikawa CCUS project captures CO₂ but does not include permanent sequestration; captured carbon is re-released.

Forward-Looking Statements

TAES continues to evaluate and develop technologies that support decarbonization. We are committed to updating this disclosure as our capabilities and verification processes evolve.

For more information, please contact: [Power Generation | Carbon Neutral Solutions | Toshiba America Energy Systems](#)