Clearloop AB-1305 Voluntary Carbon Market Disclosures | *Effective as of 12/16/2024*

Voluntary Carbon Offset Project Name	Specific Protocol Used (e.g., methodology used) (Section 44475 (a)(1))	Project Location (Section 44475(a)(2))	Project Timeline/Crediting Period (M/D/Y) (Section 44475(a)(3))	Project Start Date (M/D/Y) (Section 44475(a)(4))	Dates and Quantities of Reduction or Removal (Section 44475(a)(5))	Project Type – Removal or Avoided Emissions (Section 44475(a)(6))	Standard (Section 44475(a)(7))	Durability Period (Section 44475(a)(8))	Third-Party Verification (Section 44475(a)(9))	Annual Emissions Reduced or Removed (Section 44475(a)(10))	Accountability if Carbon Storage Projects are Reversed (Section 44475(b)(1))	Accountability Measure if Reductions Do Not Materialize (Section 44475(b)(2))	Link to Project Documentation for Data and Calculation Methods: (Section 44475(c))*
SR CL Jackson	Clearloop Carbon Standard V2: https://bit.ly/clearloopcs	2469 Technology Center Drive Jackson, TN 38301	Clearloop's Jackson solar project began operations on September 1, 2022, and will continue operating until at least September 2, 2062. The first 35 years of operation (9/1/22-9/2/57) represent the projects crediting period and the final 5 years of emissions reductions (9/2/57-9/2/62) is held in reserve by Clearloop to cover any unexpected emissions reduction shortfalls.	9/1/2022	The Clearloop Jackson project is projected to reduce carbon emissions by 33,773.23 MTCO2E over its 35 year crediting period by displacing high carbon intensity power on the local grid with low carbon solar power generated by this project. The project is contraced to run for 40 years, with the final 5 years of emissions reductions held in reserve to cover any potenitial shortfalls. See project dashboard for real time emissions reductions data: https://clearloop.us/tn-jackson/	Grid connected solar project/Avoided Emissions	The Clearloop Carbon Standard V2, the methodology used to create these credits was developed to be in alignment with the Greenhouse Gas Protocol (GHGP) and GHGP's Guidelines for Grid Connected Projects. GHGP is a project of the World Resorces Institute (WRI) and World Business Council on Sustainable Development (WBCSD)	Greenhouse gas emissions reductions resulting from additional renewable energy generation are not considered to be subject to reversal risk	WAP Certification of Conformance (https://bit.ly/409ftGo)	See project dashboard for real time emissions reductions data: https://clearloop.us/tn-jackson/	N/A - not a carbon storage projefct	The emissions reductions that result from the last 5 years of project operations are held in reserve to cover any potential emissions reductions shortfalls, similar to a buffer pool. If a given project is not completed or does not meet the projected emissions reductions or removal benefits, actions taken with respect to such voluntary carbon offsets vary by contract but may include refund of amounts paid or allocation of buffer pool credits.	Per the project methodology (https://bit.ly/clearloopcs) Clearloop calculates the emissions impacts of its projects by modeling the expected power generation of the facility at different times of day using weather data and marginal emissions data from WattTime for that specific grid region. To learn more about WattTime's marginal emissions data visit: https://watttime.org/data-science/data-signals/marginal-co2/ For project specific data visit: https://clearloop.us/tn-jackson/
SR CL Panola I	Clearloop Carbon Standard V2: https://bit.ly/clearloopcs	107 Hadorn Rd Batesville, MS 38606	Clearloop's Panola I solar project began operations on April 1 2024, and will continue operating until at least April 2, 2064. The first 35 years of operation (5/1/24-5/2/59) represent the projects crediting period and the final 5 years of emissions reductions (5/2/29-5/2/64) is held in reserve by Clearloop to cover any unexpected emissions reduction shortfalls.	4/1/2024	The Clearloop Panola I project is projected to reduce carbon emissions by 177,767.89 MTCO2E over its 35 year crediting period by displacing high carbon intensity power on the local grid with low carbon solar power generated by this project. The project is contraced to run for 40 years, with the final 5 years of emissions reductions held in reserve to cover any potenitial shortfalls. See project dashboard for real time emissions reductions data: https://clearloop.us/ms-panola/	Grid connected solar project/Avoided Emissions	The Clearloop Carbon Standard V2, the methodology used to create these credits was developed to be in alignment with the Greenhouse Gas Protocol (GHGP) and GHGP's Guidelines for Grid Connected Projects. GHGP is a project of the World Resorces Institute (WRI) and World Business Council on Sustainable Development (WBCSD)	Greenhouse gas emissions reductions resulting from additional renewable energy generation are not considered to be subject to reversal risk	WAP Certification of Conformance (https://bit.ly/40ti4YQ)	See project dashboard for real time emissions reductions data: https://clearloop.us/ms-panola/	N/A - not a carbon storage projefct	The emissions reductions that result from the last 5 years of project operations are held in reserve to cover any potential emissions reductions shortfalls, similar to a buffer pool. If a given project is not completed or does not meet the projected emissions reductions or removal benefits, actions taken with respect to such voluntary carbon offsets vary by contract but may include refund of amounts paid or allocation of buffer pool credits.	Per the project methodology (https://bit.ly/clearloopcs) Clearloop calculates the emissions impacts of its projects by modeling the expected power generation of the facility at different times of day using weather data and marginal emissions data from WattTime for that specific grid region. To learn more about WattTime's marginal emissions data visit: https://watttime.org/data-science/data-signals/marginal-co2/ For project specific data visit: https://clearloop.us/ms-panola/
SR CL Panola III	Clearloop Carbon Standard V2: https://bit.ly/clearloopcs	13447 MS-6 Batesville, Mississippi 38606	Clearloop's Panola III solar project began operations on September 24, 2024, and will continue operating until at least Sepember 25, 2064. The first 35 years of operations (10/24/24-10/25/59) represent the projects crediting period and the final 5 years of emissions reductions (10/25/64) is held in reserve by Clearloop to cover any unexpected emissions reduction shortfalls.	9/24/2024	The Clearloop Panola III project is projected to reduce carbon emissions by 132,571.93 MTCO2E over its 35 year crediting period by displacing high carbon intensity power on the local grid with low carbon solar power generated by this project. The project is contraced to run for 40 years, with the final 5 years of emissions reductions held in reserve to cover any potenitial shortfalls. See project dashboard for real time emissions reductions data: https://clearloop.us/ms-panola/	Grid connected solar project/Avoided Emissions	The Clearloop Carbon Standard V2, the methodology used to create these credits was developed to be in alignment with the Greenhouse Gas Protocol (GHGP) and GHGP's Guidelines for Grid Connected Projects. GHGP is a project of the World Resorces Institute (WRI) and World Business Council on Sustainable Development (WBCSD)	Greenhouse gas emissions reductions resulting from additional renewable energy generation are not considered to be subject to reversal risk	WAP Certification of Conformance (https://bit.ly/4fVRwZ3)	See project dashboard for real time emissions reductions data: https://clearloop.us/ms-panola/	N/A - not a carbon storage projefct	The emissions reductions that result from the last 5 years of project operations are held in reserve to cover any potential emissions reductions shortfalls, similar to a buffer pool. If a given project is not completed or does not meet the projected emissions reductions or removal benefits, actions taken with respect to such voluntary carbon offsets vary by contract but may include refund of amounts paid or allocation of buffer pool credits.	Per the project methodology (https://bit.ly/clearloopcs) Clearloop calculates the emissions impacts of its projects by modeling the expected power generation of the facility at different times of day using weather data and marginal emissions data from WattTime for that specific grid region. To learn more about WattTime's marginal emissions data visit: https://watttime.org/data-science/data-signals/marginal-co2/ For project specific data visit: https://clearloop.us/ms-panola/
SR CL Arcadia	Clearloop Carbon Standard V2: https://bit.ly/clearloopcs	Bienville Parish, Louisiana	Clearloop's Arcadia solar project is expected to begin operations in 2025 (date TBD), and will continue operating for 40 years until at least 2065. The first 35 years of operations (2025-2060) represent the projects crediting period and the final 5 years of emissions reductions (2060-2065) held in reserve by Clearloop to cover any unexpected emissions reduction shortfalls.	Expected to commence operations in 2025 (date TBD)	TBD pending final permitting approval. See project dashboard for the most recent project details including real time emissions data when available: https://clearloop.us/la-arcadia/	Grid connected solar project/Avoided Emissions	The Clearloop Carbon Standard V2, the methodology used to create these credits was developed to be in alignment with the Greenhouse Gas Protocol (GHGP) and GHGP's Guidelines for Grid Connected Projects. GHGP is a project of the World Resorces Institute (WRI) and World Business Council on Sustainable Development (WBCSD)	Greenhouse gas emissions reductions resulting from additional renewable energy generation are not considered to be subject to reversal risk	Verification pending (project under development)	N/A (project under development)	N/A - not a carbon storage projefct	The emissions reductions that result from the last 5 years of project operations are held in reserve to cover any potential emissions reductions shortfalls, similar to a buffer pool. If a given project is not completed or does not meet the projected emissions reductions or removal benefits, actions taken with respect to such voluntary carbon offsets vary by contract but may include refund of amounts paid or allocation of buffer pool credits.	Per the project methodology (https://bit.ly/clearloopcs) Clearloop calculates the emissions impacts of its projects by modeling the expected power generation of the facility at different times of day using weather data and marginal emissions data from WattTime for that specific grid region. To learn more about WattTime's marginal emissions data visit: https://watttime.org/data-science/data-signals/marginal-co2/ For project specific data visit: https://clearloop.us/ms-panola/

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