

REsurety and WattTime partner to increase accessibility to high-quality marginal carbon emissions data

Enhanced power grid insights will enable more effective investments in renewables, storage, and load siting



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energy analytics firm REsurety and environmental tech nonprofit WattTime announced a partnership to increase access to more comprehensive and granular carbon emissions data across U.S. and international markets. Through this partnership, they will leverage their respective strengths in measuring marginal carbon emissions to provide previously unavailable

depth and breadth of visibility into the carbon impact of clean energy projects and load centers. This helps companies consider the resulting impact of their energy-related procurement options and understand which choices offer the greatest benefit to the environment.

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Lee Taylor, founder and CEO of REsurety

REsurety first unveiled its Locational Marginal Emissions (LME) data product in July 2021 with the support of major developers, investors, and corporates. LME empowers customers to measure and maximize how much carbon they cut through clean energy purchases. REsurety currently offers nodal LME data for the ERCOT (Texas) market. Through this new integration of WattTime’s regional emissions dataset, REsurety will also be able to

provide regional marginal emissions rates across the entire continental United States as well as international power grids including Europe and Australia.

“LME data enables companies to measure the impact of their existing clean energy purchases with unrivaled accuracy and confidence, and empowers them to maximize the carbon impact of their future investments,” said Lee Taylor, founder and CEO of REsurety. “We are thrilled to have found a like-minded partner in WattTime as we work together to maximize our collective

decarbonization impact.”

WattTime invented Automated Emissions Reduction (AER) software, which enables the shifting of flexible electricity loads to periods of cleaner energy and away from moments of dirtier energy, based on the time-specific marginal emissions rates in different grid balancing areas. In recent years, WattTime has also popularized “emissionality,” the practice of using the location-specific avoided emissions benefits of different renewable energy projects in the selection process. With WattTime’s help, organizations including Boston University, solar developer Clearloop, steel producer Nucor, and tech giant Salesforce have all incorporated emissionality into their renewable energy strategies.

“With the growing urgency of the climate crisis and organizations’ desire to maximize the positive impact of their sustainability strategies and investments, REsurety and their LME platform offer a powerful tool to evaluate potential projects,” said Henry Richardson, senior analyst at WattTime. “We’re proud to support REsurety and enhance the emissions intelligence they are able to provide.”

LMEs bring a new level of precision and accuracy to measuring the carbon abated or created at any given moment and at any given location on the grid. By calculating the carbon emissions at each node on the grid with hourly granularity, REsurety’s LME product offers, for the first time, visibility into the project-specific carbon impact of each clean energy purchase or investment. By integrating WattTime’s emissions data into its platform, REsurety will be able to provide its clients with regional marginal emissions data in areas where the nodal LME data is not yet available, thereby greatly expanding the geographic coverage of the platform.

About REsurety

REsurety is the leading analytics company empowering the clean energy economy. Operating at the intersection of weather, power markets, and financial modeling, we enable the industry’s decision makers to thrive by providing best-in-class value and risk intelligence, and the tools to act on it. With the world’s most sophisticated clean energy investors, advisors, buyers, and developers as clients and 7,000 MW of transactions closed, REsurety empowers clients to thrive in the dynamic, complex, clean energy-fueled future. For more information, visit www.resurety.com or follow REsurety on [LinkedIn](#).

About WattTime

WattTime is an environmental tech nonprofit that empowers all people, companies, policymakers, and countries to slash emissions and choose cleaner energy. Founded by UC Berkeley researchers, we develop data-driven tools and policies that increase environmental and social good, including Automated Emissions Reduction and emissionality. WattTime is also the convening member and cofounder of the global Climate TRACE coalition. During the energy transition from a fossil-fueled past to a zero-carbon future, WattTime ‘bends the curve’ of emissions reductions to realize deeper, faster benefits for people and the planet. For more information, visit <https://watttime.org>.

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