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August 24, 2023

Kelly Cummins
Acting Director, Office of Clean Energy Demonstrations
U.S. Department of Energy
1000 Independence Ave. SW
Washington, DC 20585

Dear Acting Director Cummins,

I write today in support of Constellium's application to the U.S. Department of Energy's Office of Clean Energy Demonstrations' Industrial Demonstrations Funding Opportunity Announcement.

I understand that, if approved, funding provided by the opportunity would be used to advance Constellium's SmartMelt Technology Demonstration Project at its production facility in Ravenswood, West Virginia, which houses one of the world's largest aluminum rolling mills. SmartMelt is a model remelt technology for Constellium's casting center that has the potential to facilitate the transition from the current natural gas-powered production to low or no carbon fuels such as hydrogen. Successful deployment of SmartMelt technology would reduce carbon emissions from production by an initial 30 percent and would put the Ravenswood facility on a pathway to 100% emissions reduction in the production process without the need for further infrastructure upgrades given the projected availability of clean hydrogen. What's more, Constellium's SmartMelt Technology Demonstration Project can provide a roadmap for the total decarbonization of the aluminum industry. If awarded, this grant would catalyze a transformational project that would accelerate deployment of clean energy to power industrial manufacturing and maximize the benefits of the clean energy transition in West Virginia.

I am proud to support Constellium in its efforts to secure this funding and greatly appreciate you providing its application a full and fair review. If you have questions, please contact Ben Vester in my Washington, D.C. office at [REDACTED]. Thank you in advance for your attention and consideration.

Sincerely,



U.S. Senator Joe Manchin III

JM/bv