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March 31, 2021

Department of Energy
Office of Oil and Gas Global Security and Supply
Docket Room 3F-056, FE-50
Office of Regulation and International Engagement
Docket Rooms 3E-042 and 3E-052, FE-34
Forrestal Building
1000 Independence Avenue, S.W.
Washington, D.C. 20585
United States of America

Subject: Pieridae Energy (USA) Ltd., FE Docket No. 14-179-LNG
the semi-annual report for the period ending March 31, 2021
filed pursuant to Ordering Paragraph J of DOE/FE Order No. 3639
and pursuant to Ordering Paragraph N of DOE/FE Order No. 3768

Pieridae Energy (USA) Ltd. ("Pieridae US") hereby submits its semi-annual report for the period ending March 31, 2021 pursuant to Ordering Paragraph J of Order No. 3639 issued by the Department of Energy, Office of Fossil Energy ("DOE/FE") on May 22, 2015 in the above-referenced docket, and Ordering Paragraph N of Order No. 3768 ("Order 3768") issued by the DOE/FE on February 5, 2016 in the above-referenced docket, granting long-term, multi-contract authorization to export natural gas to Canada and re-export to other free trade agreement nations and to non-free trade agreement nations, respectively. Unless otherwise stipulated herein, capitalized words have the meaning ascribed to them by Order 3768.

Pieridae US is wholly-owned by Pieridae Energy Limited ("Pieridae").

As previously reported, Pieridae Alberta Production Ltd. (formerly, Ikkuma Resources Corp.), a wholly-owned subsidiary corporation of Pieridae, acquired from Shell Canada Energy ("Shell") all of its midstream and upstream properties in the southern and central Alberta foothills (the "Assets") on October 17, 2019.

The acquisition of the Assets is an important step in the execution of Pieridae's strategic plans for the procurement of natural gas reserves and resources in its integrated business model. It is anticipated that the development of the upstream Assets together with the existing upstream assets already owned by Pieridae (collectively, the "Natural Gas Properties") will produce much of the 800 MMcf/d conventional natural gas supply that is required for the long-term operation of one train of the Goldboro LNG facility.

Also as previously reported, regulatory approval was obtained from the Nova Scotia Utility and Review Board (the "Board") to construct the Goldboro LNG facility based on the front-end engineering design that was submitted to the Board. The issuance of this approval allows Pieridae CA and Pieridae US to commence the construction of the Goldboro LNG facility immediately after an affirmative final investment decision ("FID") is taken in 2021 with operations anticipated to commence in 2025 or early 2026.

The acquisition of these Natural Gas Properties has been, and continues to be, completed at metrics significantly below the cost of similar reserves and resources in other parts of North America and will provide a long-term competitive advantage for delivering liquefied natural gas to European and other markets. These acquisitions constitute a significant step towards reaching FID. Moreover, as the Natural Gas Properties are primarily conventional in nature, it is expected that they will be developed without the use of multistage fracturing.

Pieridae continues in its efforts to consolidate long-life natural gas properties in Alberta and British Columbia that are complementary to the feedstock requirements of the Goldboro LNG facility and to plan for the development of its existing Natural Gas Properties and supplemental properties which are yet to be acquired.

As well, Pieridae CA and Pieridae US are now finalizing the terms of a services agreement with a reputable contractor pursuant to which the parties will negotiate an engineering, procurement, construction and commissioning ("EPCC") contract in relation to the proposed Goldboro LNG facility and the contractor will prepare and deliver a final open book estimate and a proposed to EPCC contract price on or before May 31, 2021.

Pieridae has also recently engaged a reputable and experienced financial institution to act as its financial adviser to assist in the procurement of project financing for the construction of the Goldboro LNG facility leading to FID. In addition, Pieridae CA is currently negotiating the contractual terms, and has otherwise issued a request for proposal, in regard to various aspects of the ancillary pre-construction work including the proposed construction of loading and jetty facilities, the site preparation, temporary workers' camp facility and highway diversion.

If you have any questions or require any clarification, please contact me at 778.385.8466.

Yours truly,

[signed]

Thomas Ciz
General Counsel