



Kandiyohi Power Cooperative Validates Integration of Tantalus' TUNet Technology with Neptune's R900 System Data

Utility generates incremental revenue stream by providing billing data to the neighboring utility operated by the City of Oliva, MN

BURNABY, BC – April 28, 2022 – Tantalus Systems (TSX: **GRID**) (“Tantalus” or the “Company”), a smart grid technology company focused on helping build sustainable utilities, is pleased to announce that Kandiyohi Power Cooperative has deployed and validated the capability of the Tantalus Utility Network (TUNet®) to capture, integrate and present consumption and flow data from licensed Neptune R900® water endpoints.

Kandiyohi has partnered with the City of Olivia, MN, which had previously invested in water system automation by deploying R900 RF water endpoints that were being read monthly via a drive-by data collection solution. By leveraging the TRUScan™ capability embedded within Tantalus' TUNet smart grid platform, which uniquely enables utilities to access and enable data from a diverse set of endpoints that rely on different protocols across one smart-grid network, Kandiyohi has demonstrated the ability to integrate smart meter data along with daily water consumption and critical alarm data from the city's deployed Neptune R900 endpoints. As a result of the successful validation, Kandiyohi is now able to provide the city with a path to a more resilient, digitized distribution network at a fraction of the cost of a stand-alone full deployment.

“Like many public power utilities, Olivia has made previous investments in the automation of their water system with the deployment of the drive-by Neptune R900/R900i water solution. Since those Neptune endpoints communicate via a licensed protocol, their ability to integrate those devices into a broader multi-commodity smart grid deployment would have previously required that we rip and replace those drive-by water endpoints with an entirely new AMI water endpoint solution,” said Chad Straus, AMI Administrator at Kandiyohi Power Cooperative, MN. “We are excited that Tantalus and Neptune have solved this problem by integrating Neptune R900/R900i endpoints into a single multi-commodity TUNet smart grid platform. The combined solution allows the city to preserve citizens' investment in Neptune's water devices while simultaneously migrating the electric distribution system to a more resilient smart grid network.” Kandiyohi owns and operates the Tantalus smart grid network that provides the Neptune water meter data along with electric meter data to Olivia for monthly billing.

“In 2021, Tantalus announced a license agreement with Neptune to integrate their water endpoints onto TUNet, thereby expanding the total available public power market for Tantalus' solutions,” said Peter

Londa, President & CEO of Tantalus Systems. “Tantalus is excited to work alongside Kandiyohi and the City of Olivia as the first of many public power utilities to demonstrate the power of this integration. We look forward to scaling this solution to more utilities and helping them take advantage of the economic and environmental benefits created through the integration as we remain committed to delivering purpose-built solutions designed to improve the efficiency, reliability and sustainability of the utilities we serve.”

About Tantalus Systems (TSX: GRID)

Tantalus is a smart grid technology company that transforms aging one-way grids into future-proofed multi-directional grids that improve the efficiency, reliability and sustainability of public power and electric cooperative utilities and the communities they serve. Our solutions are purpose-built to allow utilities to restore power quickly after major disruptions, adapt to rapidly shifting consumer expectations and population shifts, innovate new solutions based on the adoption of distributed energy resources and evolve their grid infrastructure at their own pace without needless cost or complexity. All this gives our user community the flexibility they need to get the most value from existing infrastructure investments while planning for future requirements. Learn more at www.tantalus.com.

Forward Looking Statement:

This news release includes information, statements, beliefs and opinions which are forward-looking, and which reflect current estimates, expectations and projections about future events, including, but not limited to, the development, functionality, effectiveness of TUNet® and TRUScan™ technology and its integration with Neptune metering products, and other statements that contain words such as “believe,” “expect,” “project,” “should,” “seek,” “anticipate,” “will,” “intend,” “positioned,” “risk,” “plan,” “may,” “estimate” or, in each case, their negative and words of similar meaning. By its nature, forward-looking information involves a number of risks, uncertainties and assumptions that could cause actual results or events to differ materially from those expressed or implied by the forward-looking information. These risks, uncertainties and assumptions could adversely affect the outcome and financial effects of the plans and events described herein. Readers should not place undue reliance on forward-looking information, which is based on the information available as of the date of this news release and Tantalus disclaims any intention or obligation to update or revise any forward-looking information contained in this new release, whether as a result of new information, future events or otherwise, unless required by applicable law. The forward-looking information included in this new release is expressly qualified in its entirety by this cautionary statement.

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