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## Siemens digitalization solutions to connect Vedanta's power plant fleet in India

- **TSPL and BALCO power plants will be connected through Siemens Digital Fleet Center Solutions**
- **Increased digitalization to improve efficiency, productivity, flexibility and time-to-market for the industry**

Siemens Limited announced that it has secured an order for Digital Fleet Center Solution from Vedanta Ltd., India's leading natural resources company, to connect its power plant assets at Talwandi Sabo Power Plant (TSPL) in Punjab and Bharat Aluminum Company Limited (BALCO) in Chhattisgarh. Digitally linking these critical power units to Vedanta's monitoring station will serve to analyze huge amounts of fleet data for continuous monitoring and diagnostics of these assets. This will enable proactive maintenance to help reduce unplanned outages, thereby, optimizing costs and increasing availability of Vedanta's power assets. Siemens will initially provide three years of maintenance and service support to help ensure continued reliability and operational performance.

As an established global leader in the advancement of digitalization across a wide variety of industries, Siemens has developed comprehensive Digital Fleet Center Solutions that enable power plant fleet operators to seamlessly connect their power generation assets (turbines, generators, boilers and balance of plants), and leverage the power of vast amount of data generated by these machines.

Samir Cairae, CEO – Diversified Metals (India), Vedanta Limited, said, "Innovation and Sustainability are at the core of the strategy of Vedanta. As a part of that thrust, Vedanta uses digital technology extensively in mining but also in increasing reliability and output of our plants and equipment. Vedanta intends to intensify the use of digital further, to optimize but also for breakthroughs. For our power plants, we would use digital technology to increase availability, to do predictive maintenance and to better manage our fuel feeds. This will also enable us to monitor critical functions of Vedanta's power plants in real time by

using the richness and intelligence of digital information.”

Prashant Jain, Head, Power Generation Services, Siemens Limited, said, “Vedanta has been one of the pioneers in the implementation of innovative technology solutions and automation across its plants and processes. As a provider of integrated digitalization solutions across the production value chain, Siemens is delighted to partner Vedanta in its continuous journey of modernization of its power assets across India. Digitalization has a huge role to play in India’s demand for reliable, efficient and clean power, due to the increasing urbanization and industrialization. We look forward to this and future collaborative opportunities that will contribute to India’s sustainable progress”

Over the past years, Siemens’ remote diagnostic engineers have gathered data from thousands of machines across the globe. The Remote Diagnostic Centers (RDCs), in the last year alone, generated a large number of Proactive Notifications; 40% of which avoided forced outages and 20% transformed forced outages into planned activities. As a pioneer in the rapid growth of digitalization, Siemens is well-positioned to provide the digital solutions, experience and know-how these companies seek to help them manage costs and improve the availability of their energy assets.

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