Power and productivity
for a better world™

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BSE Limited
P.J. Towers
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Mumbai 400 001
(Attn : DCS CRD)

National Stock Exchange of India Ltd
Exchange Plaza, 5th Floor
Plot No. C/1, G Block
Bandra-Kurla Complex, Bandra (E)
Mumbai 400 051

Attn: Listing Dept.

Dear Sirs

Sub: Press Release

We are sending herewith a copy of Press Release, which is being issued by the Company today, October 7, 2016, to the media, for the information of the Stock Exchanges, as required under the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Thanking you

Yours faithfully
For ABB India Limited

T K Sridhar
Chief Financial Officer

Encl: as above

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ABB energizes transformer at world record voltage level of 1.2 million volts

Bangalore, India, Oct 07, 2016 – Pioneering 1,200-kilovolt alternating current transformer technology for India's ultrahigh voltage grid plan

ABB has developed, manufactured and energized a 1,200-kilovolt (kV) ultrahigh voltage power transformer to support India's plans to build a 1,200 kV transmission system, supplementing the existing 400 kV and 800 kV transmission grid as demand for electricity increases. This 1.2 million volt transformer represents the highest alternating current voltage level in the world and is installed at the national test station at Bina, Madhya Pradesh in Central India, as part of a collaborative initiative by the country's central transmission utility, Power Grid Corporation of India Limited (POWERGRID). The transformer was manufactured and tested at ABB's facility in Vadodara.

India's geographic span means that resource-rich generation centers and urban and industrial load centers are often far apart calling for efficient power transmission. Along with the country's commitment to enhance the contribution of renewables, these factors are driving the development of an ultrahigh voltage transmission infrastructure. The 1,200 kV transmission system will help strengthen the grid and enhance load capacity up to 6,000 megawatts (MW). Transmission at higher voltages enables larger amounts of electricity to be transported across longer distances, while minimizing losses. At the same time, less space is needed for fewer transmission lines which reduces the environmental impact and overall cost

"This is a milestone achievement underscoring ABB's rich history and technology leadership in India, and our 'In country for country' approach", said Pitamber Shivnani, Local Division Manager, ABB Power Grids division in India. "The achievement is a testimony to our customer commitment and comes at a time when India has resumed focus on high and ultra-high voltage transmission in line with development of large scale renewable energy projects," he added.

In addition to the transformer, ABB has also developed a 1,200 kV circuit breaker that was previously commissioned at the test station. This was the first hybrid Gas Insulated Switchgear in the world to be energized at this voltage level. The uniquely designed circuit breaker is safely housed with the disconnector in a tank filled with insulating gas – resulting in a space saving potential of up to 60 percent compared with conventional designs.

ABB (www.abb.com) is a leading global technology company in power and automation that enables utility, industry, and transport & infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

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Photo caption: Power Minister Piyush Goyal and Sanjeev Sharma, MD, ABB India discuss the benefits of ABB's smart sensor motor – include data connectivity, monitoring and analysis – at ABB India's booth at the SWITCH Global Expo 2016. Technology that enables this range of smart motors to intimate service timing, reduce downtime by 30% and increase energy efficiency by 10% were developed in India. ABB India's largest and oldest location is in Vadodara, Gujarat with 3,000 people. ABB also recently announced the intent to set up India's first solar microgrid to power its largest industrial campus in Vadodara.

For more information please contact:

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