



## GE Signs Memorandum of Understanding to develop Cleaner Power, Reduce Cost and Improve Energy Management in Indonesia

- *GE and PT ANTAM (Persero) Tbk will explore opportunities to jointly develop a new Integrated Virtual Pipeline Power Plant*
- *GE and PT Bukit Asam, Tbk will explore opportunities to develop a clean coal fired power plant using steam turbine technology*
- *GE will cooperate with both companies to provide technical and leadership development programs*

**Jakarta, Indonesia – September 24<sup>th</sup>, 2013** – General Electric (NYSE:GE) today signed a Memorandum of Understanding (MoU) with PT ANTAM (Persero) Tbk (ASX-ATM; IDX- ANTM; ANTAM) and PT Bukit Asam Tbk to explore opportunities for developing a new Integrated Virtual Pipeline and clean coal fired power plant that will help both companies in saving energy costs. The two organizations will also explore alternative energy options such as natural gas, low rank coal, and coal bed methane to power their mining operations sites.

**GE's Vice Chairman and President and CEO of Global Growth and Operations, John G. Rice**, who is on a visit to Indonesia, witnessed the signing of a Memorandum of Understanding between GE, ANTAM and PT Bukit Asam Tbk.

The cooperation will help reduce energy cost by optimizing both the energy generation mix and the distribution. Alternative fuel sources that will be assessed include gas conversion, low rank coal gasification, and coal bed methane

In addition, GE will also support ANTAM and PT Bukit Asam Tbk with technologies that will help mining operations by improving process and asset optimization, and improve safety performance with Collision Avoidance Systems.

"Energy efficiency, improved productivity and safety are very critical in our mining operations," said **Tato Miraza, President Director of ANTAM**. "The Integrated Virtual Pipeline solution package from GE allows us to generate cleaner electricity from natural gas efficiently to support our mining operations and we're proud to be one the first mining companies in Indonesia to implement this technology." The technology is planned to be implemented in ANTAM's ferronickel smelters in Pomalaa, Southeast Sulawesi, and East Halmahera Ferronickel Project, North Maluku.

**Milawarma, President Director of PT Bukit Asam Tbk**, said, "Energy cost is one of the biggest costs that our company has to incur. We have taken a number of measures to save energy costs in our operation. This partnership will allow us to utilize alternative fuel sources that will significantly save energy costs further."

In addition to providing its technology, GE will also collaborate with ANTAM and PT Bukit Asam, Tbk in developing talent by leveraging GE leadership best practices and technical expertise.

**Handry Satriago, CEO and President GE Indonesia**, said, "GE is committed to building innovative solutions for today's environmental challenges while driving economic growth for our customers. Today's announcement demonstrates our commitments towards helping our customers save energy

costs and reduce their environmental impact, as well as contributing to the government's target of reducing carbon emissions by 26 percent by 2020."

In these partnerships, GE is bringing technology from its [ecomagination](#) portfolio. To qualify for the portfolio, products and services must demonstrate both improved economic value and environmental performance. [Ecomagination](#) is GE's commitment to provide innovative solutions that maximize resources, drive efficiencies and make the world work better.

**About GE**

GE (NYSE: GE) works on things that matter. The best people and the best technologies taking on the toughest challenges. Finding solutions in energy, health and home, transportation and finance. Building, powering, moving and curing the world. Not just imagining. Doing. GE works. For more information, visit the company's website at [www.ge.com](http://www.ge.com).

**About ANTAM**

ANTAM is a Indonesia's leading mining based company, which has diversified commodities with vertically integrated operations. The operational areas cover all over Indonesia. The operational activity of the Company includes exploration, exploitation, processing, refining and marketing of nickel ore, ferronickel, gold, silver, bauxite, coal and precious metals refining services.

**For information, please contact:**

Ariavita Purnamasari  
GE GG&O Indonesia  
+62 811891571  
[ariavita.purnamasari@ge.com](mailto:ariavita.purnamasari@ge.com)

Andina Rosfieta  
Cognito Communications  
+62 8128865218  
[andina@cognito.co.id](mailto:andina@cognito.co.id)

Tri Hartono  
Corporate Secretary  
PT ANTAM (Persero) Tbk  
+62 8114000294  
[tri.hartono@antam.com](mailto:tri.hartono@antam.com)