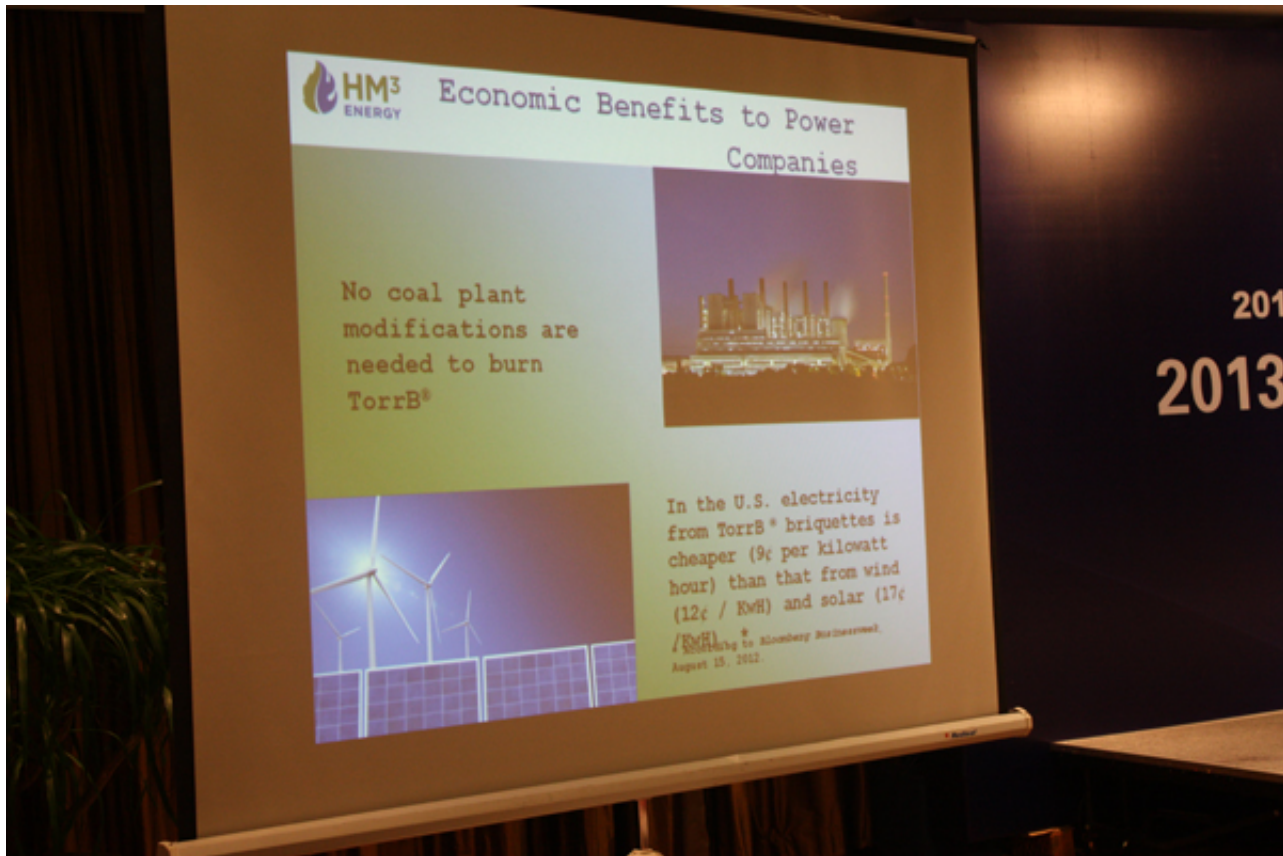


## Hiroshi Morihara：烘焙生物质替代清洁煤技术



4月22日下午十六时二十五分。HM3 Energy, Inc. 总裁Hiroshi Morihara在2013中国（国际）生物质能源与生物质利用高峰论坛（BBS2013）上做出题为《烘焙生物质替代清洁煤技术》的主题演讲。



Hiroshi Morihara

2007-Present CEO -HM3 Energy, Inc.

Developed a proprietary process to torrefy cellulosic material and produced TorrB™ briquettes, which were experimentally proven to be an ideal clean replacement fuel for coal at coal-fired power plants. We completed testing with a batch process pilot plant. We successfully densified torrefied biomass in a commercial (50,000 tons/yr) densification machine after extensive equipment modifications. We received a USDA SBIR Phase I and II grants as well as funding from the U.S. Endowment for Forestry and Communities in 2010 to build and operate the pilot plant. We also received funding from OregonBEST, a signature research center. We are ready to build our first

commercial plant in Prineville, Oregon.

#### AWARDS

Angel Scholar at the University of Michigan, 1962-1964

Ski Instructor of the Year at Kissing Bridge Ski School, 1974

Dean ' s Award for Engineering Achievement at the University of Buffalo, 1998

Patron Saint of the Year at Mt. Hood Community College, 2001

Gresham Mayor ' s Business-Government Partnership Award, 2004

Gresham ' s Citizen of the Year Award, 2006

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