

Outline of FY2017 NEDO Supercritical Geothermal Project.

*Hiroshi Asanuma¹, Toru Mogi², Noriyoshi Tsuchiya³, Noriaki Watanabe³, Shigemi Naganawa⁴, Yasuo Ogawa⁵, Yasuhiro Fujimitsu⁶, Tatsuya Kajiwara⁷, Kazumi Osato⁸, Kuniaki Shimada⁹, Seiki Horimoto⁹, Takashi Sato¹⁰, Tetsuya Ito¹⁰, Shigeto Yamada¹¹, Saki Kondo¹¹, Kimio Watanabe¹², Yoshiharu Goto¹³, Hiroshi Okada¹³, Yuki Yoshida¹³, Yutaka Nagasawa¹⁴, Akira Koyama¹⁵

1. AIST, 2. Hokkaido University, 3. Tohoku University, 4. Akita University, 5. Tokyo Institute of Technology, 6. Kyushu University, 7. Geo-E, 8. GERD, 9. TDC, 10. Telnite, 11. Fuji Electric, 12. Renegies, 13. AGCC, 14. MTC, 15. NITE

Nationwide potential of “Supercritical Geothermal Power Generation” has been roughly estimated to reach hundreds GW, although there are a lot of scientific unknowns and necessary technological breakthroughs. NEDO has funded to investigate detailed feasibility of the Supercritical Geothermal Power Generation in FY2017, and a team of Japanese researchers from 14 organization made a feasibility study from science, engineering, economy and environment point of view. Outline of outputs from the study will be presented in the session.

Keywords: Geothermal, Supercritical