

POTENTIAL DEVELOPMENT OF GEOTHERMAL RESOURCES IN VIETNAM

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The newable energy has become the urgent demand for the World's energy consumption which is more and more increasing while the traditional sources are exhausting and badly worsening the environment. To compensate for the shortage and loss, energy experts have made great effort in searching for new source e.g. solar, wind, biogas etc., which, however, appear to be inadequate. The use of heat sources from great depth of the earth has been preferably paid attention to by strategy-and-policy-makers and planners as they are the green, clean and unlimited sources of energy, causing no negative impact on the environment. As the new electricity generation technology is invented on the basis of rankin's binary cycle principle, high capacity geothermal energy becomes leading other sources of renewable energy, with the World's total capacity reaching over 10,259 MWe. Vietnam is located on the West Pacific rim with tectonically favorable conditions for geothermal formation. More than 300 exposures have been found on the territory of Vietnam, in the areas of potentially sustainable development. There are 6 areas that have presently attracted overseas investors from USA, Japan, New Zealand, Italy etc. In terms of the potential of green and clean energy sources, we are fully confident that Vietnam will have the right position in the Southeast Asia.