

## MEDIA RELEASE

28 April 2026

### **EMA to Conduct Study on Feasibility of Deploying Geothermal Energy Systems**

The Energy Market Authority (EMA) will issue a Request for Proposal (RFP) today for a comprehensive study to assess the feasibility of deploying geothermal energy systems in Singapore. The study of geothermal energy is part of EMA's efforts to pursue pathways that can strengthen Singapore's energy resilience and decarbonise our power sector.

2 Geothermal energy is a renewable energy source. Conventional geothermal systems harness hot water and steam to generate electricity. These systems are typically deployed in locations with naturally high temperatures, presence of aquifers and permeable rock formations.

3 Conventional geothermal systems are commonly found in geologically active regions such as volcanic zones, and it is unlikely that Singapore has such conventional geothermal energy resources. However, recent global advances in geothermal technologies have created new opportunities to harness sub-surface heat for power, heating and cooling needs. The feasibility study will thus assess the technical, environmental, and commercial feasibility of deploying next-generation geothermal systems in Singapore. The appointed consultant will also be tasked to identify areas for further study and propose policy frameworks for potential geothermal projects.

4 The feasibility study builds on the ongoing nationwide non-invasive geophysical survey commissioned by EMA in 2024 to identify areas in Singapore where geothermal energy might potentially be present. Together, the nationwide geophysical survey and feasibility study aim to provide a robust and holistic evaluation of Singapore's geothermal energy potential. This will provide the Government with a basis to decide on the next steps in the pursuit of geothermal energy systems in Singapore.

5 The consultant for the feasibility study is expected to be appointed within 2026. The duration of the study will depend on the proposal submitted by the appointed consultant, as well as the scope and complexity of work required.

6 Interested parties are invited to submit their proposals by 29 June 2026, 4pm (Singapore time). More details on the RFP are available [here](#).

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### About the Energy Market Authority

The Energy Market Authority (EMA) is a statutory board under the Singapore Ministry of Trade and Industry. Through our work, we seek to build a clean energy future that is resilient, sustainable, and competitive. We aim to ensure a reliable and secure energy supply, promote effective competition in the energy market and develop a dynamic energy sector in Singapore. Visit [www.ema.gov.sg](http://www.ema.gov.sg) for more information.