

Far East

► Renewable Group

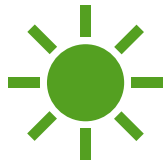
An Integrated Geothermal
Energy Project Developer &
Total Solution Provider



Group Overview

- ▶ Far East Renewable Group (FERG), a Texas registered LLC, has partners and companies strategically located in Houston, Texas, USA, Taipei, Taiwan, ROC, and Tokyo, Japan, to provide cost effective Total Solutions to GPP developers, particularly in APAC region.
- ▶ FERG takes a full-life-cycle approach as an integrator, providing end-to-end solutions across state-of-the-art subsurface resource assessment, techno-economic feasibility studies, well engineering & drilling, topside power plant EPCICO&M, project development, investment due diligence, and financing services.
- ▶ FERG, with global strategic partners, aims to create a long-term collaborative GPP development business model that is robust, duplicable, and bankable.

Why Geothermal



- Baseload renewable power (24/7)



- Zero fuel cost & long asset life (>30 years)



- Hedge against energy price volatility



- Attractive project finance and IRR potential

Integrated Value Chain



1. Geological &
Geophysical
Assessment



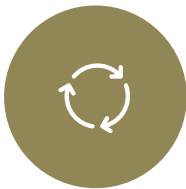
2. Reservoir
Engineering &
Feasibility Studies



3. Well Planning &
Drilling



4. Topside Power
Plant Engineering &
Construction



5. Operations,
Maintenance &
Performance
Optimization



6. Project Structuring
& Financing

Subsurface Resource Assessment

- ▶ - Geological mapping
- ▶ - Geophysical surveys (MT, seismic, gravity)
- ▶ - Reservoir modeling & heat-in-place estimation
- ▶ - Resource classification & commercial viability

Reservoir & Techno- Economic Feasibility

- ▶ - Production well deliverability forecasting
- ▶ - Thermodynamic power conversion modeling
- ▶ - CAPEX/OPEX benchmarking
- ▶ - IRR/LCOE scenarios for bankability

Well Engineering & Construction

- ▶ - Production/injection well design
- ▶ - Drilling program & casing strategy
- ▶ - Rig procurement & operations supervision
- ▶ - Safety, quality control & cost optimization

Topside Power Plant EPC

- ▶ - ORC, flash steam, and sCO₂ power systems
- ▶ - Heat exchangers, turbine-generator systems
- ▶ - Cooling & reinjection system integration
- ▶ - Turnkey EPC delivery & performance testing

Project Financing & Structuring

- ▶ - Financial modeling and bankability support
- ▶ - Government PPP / IPP structuring
- ▶ - International project financing partnerships
- ▶ - ESG & carbon credit integration

Technology & Industry Partners

- ▶ - Turbine OEMs
- ▶ - Drilling contractors
- ▶ - Geothermal exploration consultancies
- ▶ - International financing institutions

Why Far East Renewable Group

- ▶ - Fully integrated development capability
- ▶ - Reduced project risk and timeline
- ▶ - Improved cost efficiency and financing success
- ▶ - Strong cross-border execution footprint



Selected GPP Projects

Project References and Status

- ▶ Taiwan: 101MW-150MW EGS/AGS GPP
- ▶ Projects undergoing initial planning with landlords, survey & mapping, technology selection, and investment planning
- ▶ Taiwan: 10MW JSS GPP
- ▶ Project undergoing exploration stage of development and corporate partnership & investment due diligence
- ▶ Taiwan: 5MW sCO₂ Demo GPP
- ▶ Project undergoing site selection, turbine R&D & prototype development investigation
- ▶ Japan: 2MW-10MW ORC GPP
- ▶ Project undergoing exploration drilling and investment due diligence, hoping to accelerate timeline for deployment.

FERG welcomes co-developers & co-operation partners to discuss all project collaboration & investment opportunities

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