

# 地热勘探业务



**MERGERSCORP**

地热勘探业务经营许可证编号位于马尼萨省东南约 55 公里处的萨利赫利区，占地面积 4939.32 公顷。

多年来，不同的研究人员在该领域开展了许多地球物理研究。

综合这些数据，确定了许可区域内最有可能存在热流体的 8 个不同地点。

许可区域内有 2 口地热井。第一口是为研究目的钻探的 Arma-1 (2482 米) 井。

用于温室供暖的第二口钻井是 D-1 (849 米) 井。

在第 2015/04 号运营许可证附近有许多地热运营许可证区域。在这些许可区域有 50

多口地热井，温度在 65 °C 至 287 °C 之间。

这些水井可用于发电、温室种植和住宅供暖等不同领域。

通过为许可区域准备的蒙特卡罗模拟，计算出了该区域可能的热储量和可生产的电量。

据此计算，可再现的热储量为  $2.3 \times 10^{15}$  kJ (概率为 85%)、18.6 MWe (概率为 95%)、25.5 MWe (概率为 85%) 和 57.0 MWe (概率为 50%)。

可再现的热储量是通过运行 10,000 次计算得出的。

通过对研究区域进行蒙特卡罗模拟，确定在 5%-

95%的置信区间内，储层可产生的热值将介于  $9.7 \times 10^{15}$  千焦和  $1.6 \times 10^{15}$  千焦之间。

在这里，最可能的数值被确定为  $4.9 \times 10^{15}$  千焦。

地热许可证区域的发电潜力是根据 22 年生产的蒙特卡洛模拟结果规划的；在 5%-

95%的置信区间内，计算出的发电潜力介于 112.2 MWe 和 18.6 MWe 之间。

结论是这一数值平均为 57.05 MWe。

#### 关键数据

- YEKDEM 价格：205.13 TL 分/千瓦时
- 申请期限15 年
- 国内缴费价格：29.25 土耳其里拉分/千瓦时
- 国内会费有效期：5 年

#### TARGET PRICE

\$150,000,000

#### BUSINESS TYPE

发电厂

#### COUNTRY

土耳其

#### BUSINESS ID

L#20230575

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