

海能風力發電股份有限公司

營運綜合分析摘要報告

Executive Summary

113 年 7 月

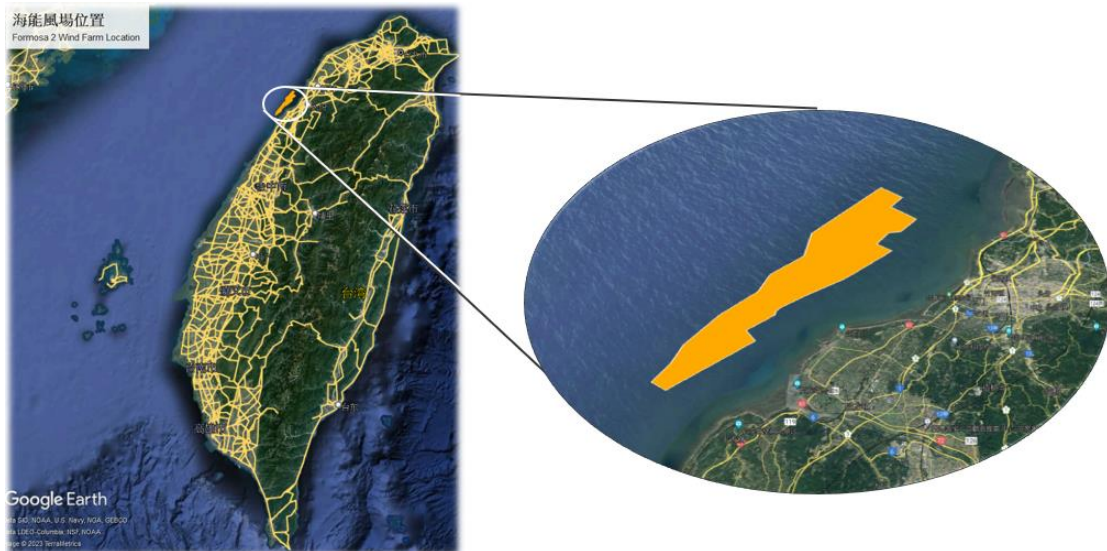
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一、簡介 Introduction

海能風電是離岸風電第二階段潛力場址首座完工風場，也是我國第三座完工的離岸風場。風場總裝置容量為 376 MW，已於 112 年 1 月完成 47 座風機安裝，並於 3 月完成所有風機併聯作業，每年可為 38 萬戶家庭提供潔淨電力。本年 7 月風場淨發電量約 6,400 萬度。Formosa 2 is the first completed Phase 2 offshore wind project and the third offshore wind farm in Taiwan. The total installed capacity is 376 MW. In January of 2023, 47 wind turbines were installed, and in March, all turbines were successfully connected to the grid. The wind farm can provide clean electricity to approximately 380,000 households annually. In July of this year, the wind farm generated a net power output of approximately 64 million kWh.

▼風場位置圖 Windfarm Location



二、業務報告 Business Report

1. 裝置容量 Capacity

Total	Actual Value(kW)	Note
	376,000	

2. 發電量 Production

Total	毛發電量(kWh) Gross Production	廠用電量(kWh) Internal Usage	淨發電量(kWh) Net Production	Note
	65,260,536	1,004,536	64,256,000	

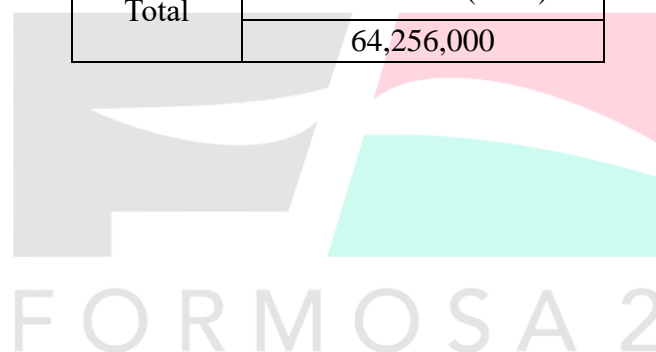
備註：配合電網維護，限制出力，發電量短少約 2.1 GWh。Aligning with the grid maintenance, the output limit was applied, and the production loss was around 2.1 GWh.

3. 發電設備運作情形 Operating Status

Total	容量因數(%) Capacity Factor	可用率(%) Availability Rated Capacity	最大出力值(%) Maximum Output Value	Note
	23.38	99.15	98.9	

4. 售予公用售電業之售電量 Power Sale

Total	Actual Value(kWh)
	64,256,000



三、財務報告 Financial Report

收支實績比較表 Revenue and Expense

Item	本月 Current Month
1. a+b 營業收入 Operating Revenue	457,354,934
a 電業收入 Electricity Revenue	457,354,934
b 其他收入 Other Operating Revenue	0
2. c+d 營業支出 Operating Expenses	421,613,959
c 營業成本 Operating Costs	433,596,930
d 營業費用 Operating Expenses	(11,982,971)
3. 營業收益 Operating Income	35,740,975
4. 稅前盈餘 Pre-tax Earnings	(261,544,195)

備註：公司依照 EAS 規定認列應計營業收入。All financial statements are in accordance with EAS.





FORMOSA 2