

海能風力發電股份有限公司

營運綜合分析年報

Annual Summary

112 年

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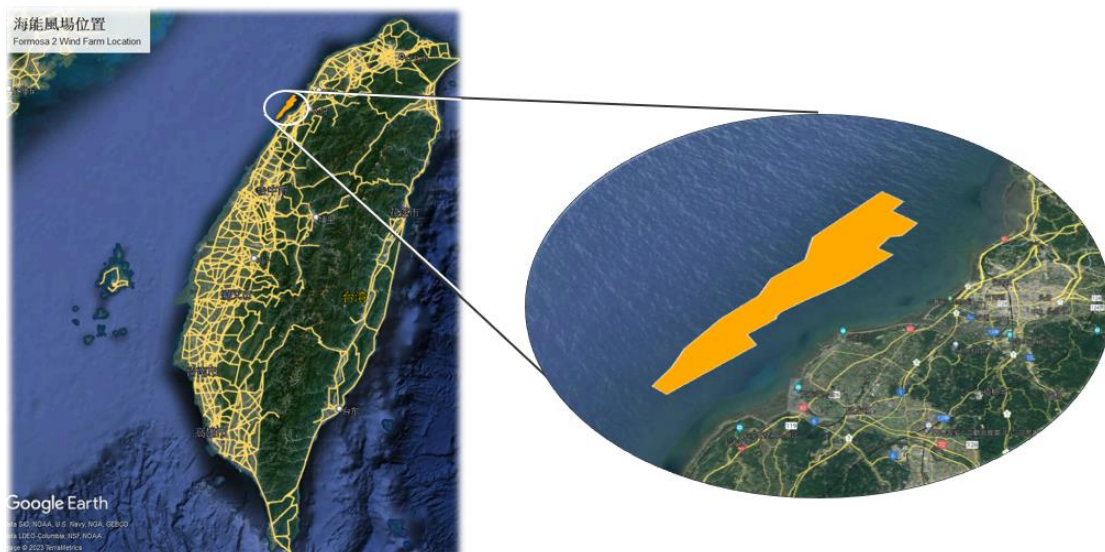
一、簡介 Introduction

海能風電為 JERA 捷熱能源(49%)、綠投資集團(26%)及風睿能源(25%)合作開發的離岸風場，總裝置容量為 376MW，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。JERA, Green Investment Group, and SRE developed the offshore wind farm, Formosa 2. JERA holds a 49% stake, Green Investment Group holds 26%, and SRE holds 25%. 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.

發電量部分，風場於 112 年 5 月 1 日起至 12 月 31 日止發電量總計 6 億 8,986 萬 9,730 度。Electricity Generation: The total electricity generated by the wind farm from May 1st to December 31st, 2023, amounted to 689,869,730 kWh.

售電量部分，試運轉售電量係自 111 年 6 月 27 日起至商轉為止，合計 7 億 6,621 萬 3,973 度；商轉售電量則分別自 112 年 5 月 22 日及 8 月 21 日起算，合計 6 億 4,265 萬 27 度。Electricity Sales: The electricity sold during the trial run period was from June 27th, 2022, to the end of the trial run period, totaling 766,213,973 kWh. The electricity sold after commercial operation began was from May 22nd and August 21st, 2023, totaling 642,650,027 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
	701,649,153	11,779,423	689,869,730	

備註:本表僅總計 112 年 5 月至 12 月月報內容。

This table only summarizes the monthly reports from May to December 2023.

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
	37.2	93.8	96.9	

備註: 本表僅總計 112 年 5 月至 12 月月報內容。

This table only summarizes the monthly reports from May to December 2023.

4. 售予公用售電業之售電量 Power Sale

Type	Actual Value (kWh)
Wind*	766,213,973
Wind**	642,650,027
Total	1,408,864,000

備註:*試運轉售電量。The electricity sales volume includes the electricity sold during the trial run.

**商轉售電量。The electricity sales volume includes the electricity sold after commercial operation.

三、財務報告 Financial Report

收支實績比較表 Revenue and Expense

Item	Actual Value
1. 營業收入 Operating Revenue	6,790,484,690
電業收入 Electricity Revenue	6,790,484,690
其他收入 Other Operating Revenue	
2. 營業支出 Operating Expenses	4,715,162,813
營業成本 Operating Costs	3,394,429,445
營業費用 Operating Expenses	1,320,733,368
3. 營業收益 Operating Income	2,075,321,877
4. 稅後盈餘 After-tax Earnings	759,766,238

備註：1.公司依照 EAS 規定認列應計營業收入。All financial statements are in accordance with EAS.

2.本表僅總計 112 年 5 月至 12 月月報內容。This table only summarizes the monthly reports from May to December 2023.





FORMOSA 2