

海能風力發電股份有限公司

營運綜合分析摘要報告

Executive Summary

112 年 5 月

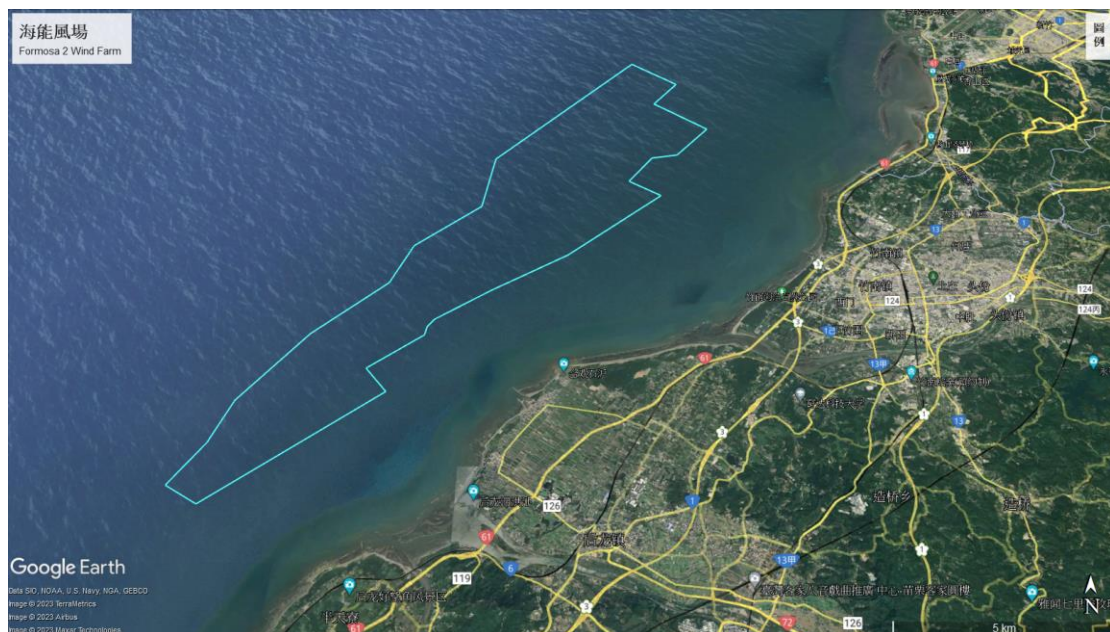
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一、簡介 Introduction

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 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 5 月風場淨發電量約 6,837 萬度。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 the 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 May of this year, the wind farm generated a net power output of approximately 68.37 million kWh.

▼風場位置圖 Windfarm Position



二、業務報告 Business Report

1. 裝置容量 Capacity

Type	Name	WTG No.	Actual Value(kW)	Year-on-year change (%)	Note
Total			256,000	--	

2. 發電量 Production

Type	Name	WTG No.	毛發電量 Gross Production		廠用電量 Internal Usage		淨發電量 Net Production		自用電量 Self-consumption		Note
			Actual Value (kWh)	Year-on-year change (%)	Actual Value (kWh)	Year-on-year change (%)	Actual Value (kWh)	Year-on-year change (%)	Actual Value (kWh)	Year-on-year change (%)	
Total			68,984,617	--	616,276	--	68,368,340	--	--	--	

3. 發電設備運作情形 Operating Status

Ty pe	Na me	WT G No.	容量因數 Capacity Factor				可用率 Availability Rated Capacity				最大出力值 Maximum Output Value				No te
			Current Month		From the beginning of the month until the current month		Current Month		From the beginning of the month until the current month		Current Month		From the beginning of the month until the current month		
			Actu al Valu e (%)	Ye ar- on- yea r chan ge (%)	Act ual Val ue (%)	Year -on- year chan ge (%)	Act ual Val ue (%)	Year -on- year chan ge (%)	Act ual Val ue (%)	Year -on- year chan ge (%)	Act ual Val ue (%)	Year -on- year chan ge (%)	Act ual Val ue (%)	Year -on- year chan ge (%)	
Total			35.4	--	35.4	--	94.6	--	94.6	--	94.6	--	94.6	--	

4. 售予公用售電業之售電量 Power Sale

Type	本月 Current		累計 From the beginning of the month until the current month	
	Actual Value (kWh)	Year-on-year change (%)	Actual Value (kWh)	Year-on-year change (%)
Wind*	568,149,694	--	--	--
Wind**	21,148,640	--	--	--
Total	589,298,334	--	589,298,334	--

備註：

*本統計計入本月取得電業執照之 32 台風機自 111 年 6 月 27 日起至 112 年 5 月 21 日試運轉期間之售電量。The statistics include the electricity generation from 32 wind turbines that obtained their EBL this month, from June 27, 2022, to May 21, 2023, during the trial operation period.

**本統計計入 32 台風機 5 月 22 日至 5 月 31 日之售電量。The statistics include the electricity sales from 32 wind turbines from May 22 to May 31 of this year.

三、財務報告 Financial Report

收支實績比較表 Revenue and Expense

Item	本月 Current			累計 Accumulating		
	Actual Value (A)	Year-on-year change (B)	Difference (A-B)	Actual Value (C)	Year-on-year change (D)	Difference (C-D)
1. 營業收入 Operating Revenue	714,730,963			3,952,885,872		
電業收入 Electricity Revenue	714,730,963			3,952,885,872		
其他收入 Other Operating Revenue	0			0		
2. 營業支出 Operating Expenses	417,808,354			1,652,924,767		
營業成本 Operating Costs	369,448,764			1,531,150,733		
營業費用 Operating Expenses	48,359,590			121,774,034		
3. 營業收益 Operating Income	296,922,609			2,299,961,105		
4. 稅前盈餘 Pre-tax Earnings	200,639,809			2,119,293,220		

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