

# 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 7 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 (本)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 4,100 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 July of this year, the wind farm generated a net power output of approximately 41 million kWh.

### ▼風場位置圖 Windfarm Location



## 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			41,855,522	--	847,274	--	41,008,248	--	--	--	

### 3. 發電設備運作情形 Operating Status

Type	Name	WTG No.	容量因數 Capacity Factor				可用率 Availability Rated Capacity				最大出力值 Maximum Output Value				Note
			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		
			Actual Value (%)	Year-on-year change (%)	Actual Value (%)	Year-on-year change (%)	Actual Value (%)	Year-on-year change (%)	Actual Value (%)	Year-on-year change (%)	Actual Value (%)	Year-on-year change (%)	Actual Value (%)	Year-on-year change (%)	
Total			21.5	--	25.4	--	91.8	--	91.8	--	87.6	--	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	74,237,387	--	663,535,721	--
Total	74,237,387	--	663,535,721	--

備註：本公司已完成躉售電力程序，後續將每月依據實際發電量向台電申請銷售收入。Our company has completed the power sale application process with TPC. We will subsequently apply for revenue from power sales to Taiwan Power Company on a monthly basis, based on the actual power generation volume.

### 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	446,863,441			4,761,442,356		
電業收入 Electricity Revenue	446,863,441			4,761,442,356		
其他收入 Other Operating Revenue						
2. 營業支出 Operating Expenses	459,325,533			2,507,709,952		
營業成本 Operating Costs						
營業費用 Operating Expenses						
3. 營業收益 Operating Income	(12,462,092)			2,253,732,404		
4. 稅前盈餘 Pre-tax Earnings	(326,363,889)			1,468,713,071		

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.



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