

# New Products & Technologies

Table 2 Demonstration test results of high-efficiency power generation technologies in each season

	Spring		Summer		Autumn		Winter	
	Power (MW)	Efficiency (%)	Power (MW)	Efficiency (%)	Power (MW)	Efficiency (%)	Power (MW)	Efficiency (%)
Technology A								
Technology B								
Technology C								
Technology D								
Technology E								

Table 3 Results of using Optimum Air Injection System

Parameter	Value	Improvement (%)	
		Power	Efficiency
Power (MW)	100	1	0
Efficiency (%)	100	1	0

### 3. Results of Demonstration Test

#### 3.1 Overview of Demonstration System

Table 1

#### 3.2 Results of High-efficiency Power Generation Technology

Table 2

Table 2 Demonstration test results of high-efficiency power generation technologies in each season

#### 3.3 Effect of Optimum Air Injection System

Table 3

Table 3 Results of using Optimum Air Injection System

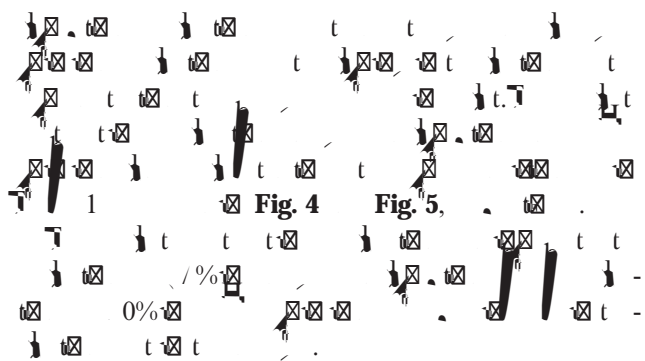
### 4. Effect of Introduction of “OdySSEA” Technology as Global Warming Countermeasure

### 5. Conclusion

The results of the study show that the proposed method is effective in reducing the amount of material used in the production of steel. The use of the proposed method resulted in a reduction of 0.1% in the amount of material used, which is a significant improvement. The proposed method is also easy to implement and does not require any special equipment. The results of the study show that the proposed method is a viable alternative to the current method of steel production.

### References

- 1) JFE Steel Corporation, "Steel Production Process," 2022.
- 2) JFE Steel Corporation, "Steel Production Process," 2022.
- 3) JFE Steel Corporation, "Steel Production Process," 2022.
- 4) JFE Steel Corporation, "Steel Production Process," 2022.
- 5) JFE Steel Corporation, "Steel Production Process," 2022.



### For Further Information, Please Contact:

JFE Steel Corporation, Steel Production Process, 2022. (1) 0 / 0 (1) 0  
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