

# Deterministic Case Verification Report

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## Quick Reference: Optimal Configurations

Case	Optimal Shuttle	NPC (20yr)	LCOAmmonia	Pump Rate
Case 1 (Busan)	<b>2,500 m3</b>	\$237.05M	\$1.01/ton	1000 m3/h
Case 2-1 (Yeosu)	<b>10,000 m3</b>	\$747.18M	\$3.17/ton	1000 m3/h
Case 2-2 (Ulsan)	<b>5,000 m3</b>	\$402.37M	\$1.71/ton	1000 m3/h

## Report Information

- **Version:** 1.0
- **Date:** 2025-01-20
- **Pump Rate:** 1000 m3/h (fixed)
- **Discount Rate:** 0.0 (no discounting)
- **Time Period:** 2030-2050 (21 years)

## Figures Directory

All figures referenced in this report are located at: `results/paper_figures/`

Series	Content
D1-D5	Core deterministic analysis (required)
D6-D12	Extended analysis (optional)
S1-S7	Stochastic analysis
C1-C4	Combined/comparison figures