

Materiality Metrics for External Stakeholders

Material Issue: Climate Change

Type of Impact Assessed: Positive and Negative

Cause of the Impact: Operations, Products/Services, Supply chain,> 50% of Business activity

External Stakeholders Affected: Environment, Society, Consumers/end-users, Supply chain

Output Metrics	Type of Impact	Output Valuation 2025	Impact Metric	Impact Valuation 2025	Reference
Amount of Greenhouse Gas Emissions Mitigated	Positive	<ul style="list-style-type: none"> Energy reduction from Solar Rooftop Installation 85,250,324.83 kWh or 48,524.48 tCO₂e Energy reduction from electrical equipment replacement 109,911 KWh or 61.65 tCO₂e LPG reduction from Electric Forklift 66,223.50 Kg. per year or 206.01 tCO₂e Total GHG emission mitigate 48,792.14 tCO ₂ e	Social cost of carbon in 2025 (3% discount rate) USD 56 per tCO ₂ e	Social cost of carbon avoided from GHG mitigation USD 2,732,359.84 or THB 89,758,020.74	https://www.energy.gov/sites/default/files/2023-04/57.%20Social%20Cost%20of%20Carbon%202021.pdf https://iris.thegiin.org/metric/5.3c/oi5951/
	Negative	GHG emission in 2025 (Scope 1 and 2) 64,308 tCO ₂ e	Social cost of carbon in 2025 (3% discount rate) USD 56 per tCO ₂ e	Social cost of carbon emission USD 3,601,248 or THB 118,300,996.80	https://www.energy.gov/sites/default/files/2023-04/57.%20Social%20Cost%20of%20Carbon%202021.pdf https://iris.thegiin.org/metric/5.3c/oi5951/

Materiality Metrics for External Stakeholders

Material Issue: Community Economic Contribution

Type of Impact Assessed: Positive and Negative

Cause of the Impact: Operations, Supply chain, >50% of Business activity

External Stakeholders Affected: Environment, Society, Supply chain, Contractors

Output Metrics	Type of Impact	Output Valuation 2025	Impact Metric	Impact Valuation 2025	Reference
Payment for community income generation	Positive	<ul style="list-style-type: none"> Total communities and social support THB 117.00 million 64,000 service -sector activities in the economic system 	Sustainable income generation for communities and households	Generating income for households by “Chang Dee” (skilled technicians) project. Amount THB 117.00 million amongst 3,970 local skilled technicians.	https://iris.thegiin.org/metric/5.3c/pi1207/
	Negative	<ul style="list-style-type: none"> Fuel use from Chang Dee project 670,615.27 liters or 1,837.90 tCO₂e Waste generation from Chang Dee project 324,858 kg. or 406.07 tCO₂e 	<ul style="list-style-type: none"> Fuel use - Social cost of carbon USD 56 per tCO₂e Waste generation - Social cost of carbon USD 56 per tCO₂e 	<ul style="list-style-type: none"> Fuel use - Social cost of carbon by Chang Dee project USD 102,922.40 or THB 3,381,000.84 Waste generation - Social cost of carbon by Chang Dee project USD 22,739.92 or THB 747,006.37 	https://www.energy.gov/sites/default/files/2023-04/57.%20Social%20Cost%20of%20Carbon%202021.pdf