

GHG Emission Reduction

BEM has established an overall greenhouse gas (GHG) emissions reduction target for 2025 of 8% below the base year 2023, equivalent to a reduction of 11,506.72 tCO₂e. To achieve this target, the Company has identified and implemented a number of projects and/or activities under its transition plan. The contribution of each measure toward the overall GHG reduction target is as follows:

1. **Solar Power System Installation Project** is expected to reduce GHG emissions by 6,182.04 tCO₂e, representing 53.73% of the overall GHG reduction target.
2. **Heating, Ventilation and Air Conditioning (HVAC) Improvement Project** is expected to reduce GHG emissions by 1,279.39 tCO₂e, representing 11.12% of the overall GHG reduction target.
3. **LED Lighting Replacement Project** is expected to reduce GHG emissions by 1,159.39 tCO₂e, representing 10.08% of the overall GHG reduction target.
4. **Electric Vehicle (EV) Replacement Project** is expected to reduce GHG emissions by 140.00 tCO₂e, representing 1.22% of the overall GHG reduction target.
5. **Other Projects and/or Activities** are expected to reduce GHG emissions by 2,745.90 tCO₂e, representing 23.86% of the overall GHG reduction target.

Collectively, these projects and activities are expected to deliver a total GHG emissions reduction of 11,506.72 tCO₂e, representing 100% of BEM's 2025 GHG emissions reduction target.

- **Proportion of GHG Emission Reduction Target**

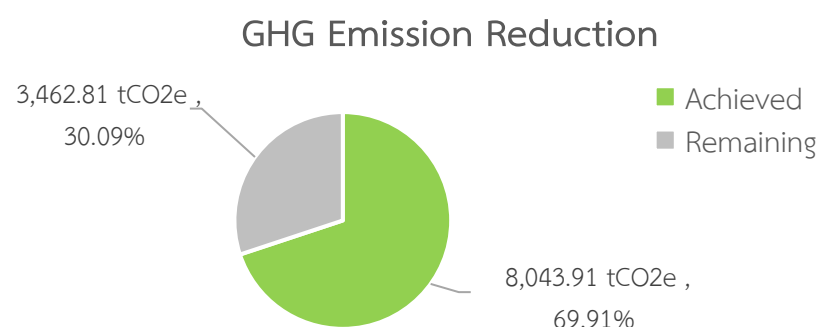
Performance Indicator	2025 Target (vs. Base Year)	
	tCO ₂ e	%
1. Solar Power System Installation Project	6,182.04	53.73
2. Heating, Ventilation and Air Conditioning (HVAC) Improvement Project	1,279.39	11.12
3. LED Lighting Replacement Project	1,159.39	10.08
4. Electric Vehicle (EV) Replacement Project	140.00	1.22
5. Other Projects and/or Activities	2,745.90	23.86
Total	11,506.72	100

In 2025, BEM reduced GHG emissions by 8,043.91 tCO₂e, representing 69.91% of its 2025 GHG reduction target. The achieved reduction was attributable to the following projects and activities: **(1) Solar Power System Installation Project**, which reduced GHG emissions by 318.05 tCO₂e, representing 3.95% of the total achieved reduction; **(2) HVAC Improvement Project**, which reduced GHG emissions by 293.30 tCO₂e, equivalent to 3.65% of the total achieved reduction; **(3) LED Lighting Replacement Project**, which reduced GHG emissions by 422.98 tCO₂e, making up 5.26% of the total achieved reduction; **(4) EV Replacement Project**, which reduced GHG emissions by 186.86 tCO₂e, contributing 2.32% of the total achieved reduction; and **(5) Other Projects and/or Activities**, which reduced GHG emissions by 6,822.72 tCO₂e, accounting for 84.82% of the total achieved reduction. This category comprised **Sulfur hexafluoride (SF6) Management**, which reduced GHG emissions by 4,564.64 tCO₂e (56.75% of the total achieved reduction); **Operational Control**, which reduced GHG emissions by 1,422.93 tCO₂e (17.69%); **Refrigerant Management**, which reduced GHG emissions by 460.13 tCO₂e (5.72%); and **Waste Management and Recycling Project**, which reduced GHG emissions by 375.02 tCO₂e (4.66%).

Furthermore, the remaining GHG emission reduction required to achieve the 2025 target amounts to 3,462.81 tCO₂e, representing 30.09% of the overall target. BEM is continuing to implement its planned projects and/or activities to achieve the overall GHG emissions reduction target.

● GHG Emission Reduction

Performance Indicators	2025 Performance (vs. Base Year)	
	tCO ₂ e	%
2025 GHG Emission Reduction Target	11,506.72	100
- Achieved GHG Emission Reduction	8,043.91	69.91
- Remaining GHG Emission Reduction Under the Plan	3,462.81	30.09



● Breakdown of Achieved GHG Emission Reduction Performance

Performance Indicators	2025 Performance (vs. Base Year)	
Projects and/or Activities	tCO ₂ e	% of Total Achieved Reduction
1. Solar Power System Installation Project	318.05	3.95
2. Heating, Ventilation and Air Conditioning (HVAC) Improvement Project	293.30	3.65
3. LED Lighting Replacement Project	422.98	5.26
4. Electric Vehicle (EV) Replacement Project	186.86	2.32
5. Other Projects and/or Activities	6,822.72	84.82
5.1 Sulfur hexafluoride (SF6) Management	4,564.64	56.75
5.2 Operational Control	1,422.93	17.69
5.3 Refrigerant Management	460.13	5.72
5.4 Waste Management and Recycling Project	375.02	4.66
Total	8,043.91	100

Breakdown of Achieved GHG Emission Reduction Performance

