

Data Dictionary

Name	Description	Remarks
1. Wanchai Tower Sun Shading BiPV System for one typical floor in the lower zone	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Glazing for one typical floor in the lower zone	Column A_Month: Data type_Text Column B_Monthly Heat Gain (kWh) Base Case: Data type_Numeric Column C_Monthly Heat Gain (kWh) Building Case with PV Glazing: Data type_Numeric Column D_Percentage Difference (%): Data type_Numeric
2. Wanchai Tower Skylight BiPV system at Ground-Level Entrance Hall	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Glazing for Ground-Level Entrance Hall	Column A_Month: Data type_Text Column B_Monthly Heat Gain (kWh) Base Case: Data type_Numeric Column C_Monthly Heat Gain (kWh) Building Case with PV Glazing: Data type_Numeric Column D_Percentage Difference (%): Data type_Numeric
3. Sun Shading BiPV and Skylight BiPV Systems for the Whole Wanchai Tower	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Glazing for the Whole Tower	Column A_Month: Data type_Text Column B_Monthly Heat Gain (kWh) Base Case: Data type_Numeric Column C_Monthly Heat Gain (kWh) Building Case with PV Glazing: Data type_Numeric Column D_Percentage Difference (%): Data type_Numeric
4. PV Panel System at West-facing Facade of CYC Building	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel System at the West facing Façade of the Building	Column A_Month: Data type_Text Column B_Monthly Heat Gain (kWh) Base Case: Data type_Numeric Column C_Monthly Heat Gain (kWh) Building Case with PV Glazing: Data type_Numeric Column D_Percentage Difference (%): Data type_Numeric

5. HKSP Building 4a with PV Panel System	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel System for HKSP Building 4a	Column A_Month: Data type_Text Column B_ Monthly Heat Gain (kWh) ENE Base Case: Data type_Numeric Column C_ Monthly Heat Gain (kWh) ENE PV Case: Data type_Numeric Column D_ Monthly Heat Gain (kWh) SSE Base Case: Data type_Numeric Column E_ Monthly Heat Gain (kWh) SSE PV Case: Data type_Numeric Column F_ Monthly Heat Gain (kWh) WSW Base Case: Data type_Numeric Column G_ Monthly Heat Gain (kWh) WSW PV Case: Data type_Numeric Column H_ Monthly Heat Gain (kWh) NNW Base Case: Data type_Numeric Column I_ Monthly Heat Gain (kWh) NNW PV Case: Data type_Numeric Column J_ Percentage Difference (%) ENE: Data type_Numeric Column K_ Percentage Difference (%) SSE: Data type_Numeric Column L_ Percentage Difference (%) WSW: Data type_Numeric Column M_ Percentage Difference (%) NNW: Data type_Numeric
6. HKSP Building 4b with PV Panel System	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel System for HKSP Building 4b	Column A_Month: Data type_Text Column B_ Monthly Heat Gain (kWh) ENE Base Case: Data type_Numeric Column C_ Monthly Heat Gain (kWh) ENE PV Case: Data type_Numeric Column D_ Monthly Heat Gain (kWh) SSE Base Case: Data type_Numeric Column E_ Monthly Heat Gain (kWh) SSE PV Case: Data type_Numeric Column F_ Monthly Heat Gain (kWh) WSW Base Case: Data type_Numeric Column G_ Monthly Heat Gain (kWh) WSW PV Case: Data type_Numeric Column H_ Monthly Heat Gain (kWh) NNW Base Case: Data type_Numeric Column I_ Monthly Heat Gain (kWh) NNW PV Case: Data type_Numeric Column J_ Percentage Difference (%) ENE: Data type_Numeric Column K_ Percentage Difference (%) SSE: Data type_Numeric Column L_ Percentage Difference (%) WSW: Data type_Numeric Column M_ Percentage Difference (%) NNW: Data type_Numeric

7. BiPV Panel on SW Facade of HKSP Building 5	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel System for the SW Facade of HKSP Building 5	Column A_Month: Data type_Text Column B_Monthly Heat Gain (kWh) Base Case: Data type_Numeric Column C_Monthly Heat Gain (kWh) Building Case with PV Panels: Data type_Numeric Column D_Percentage Difference (%): Data type_Numeric
8. Generic Office Building with PV Panel System N E S W	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel System for a Generic Office Building at Orientations: N, E, S and W	Column A_Month: Data type_Text Column B_Monthly Heat Gain (kWh) N Base Case: Data type_Numeric Column C_Monthly Heat Gain (kWh) N PV Case: Data type_Numeric Column D_Monthly Heat Gain (kWh) E Base Case: Data type_Numeric Column E_Monthly Heat Gain (kWh) E PV Case: Data type_Numeric Column F_Monthly Heat Gain (kWh) S Base Case: Data type_Numeric Column G_Monthly Heat Gain (kWh) S PV Case: Data type_Numeric Column H_Monthly Heat Gain (kWh) W Base Case: Data type_Numeric Column I_Monthly Heat Gain (kWh) W PV Case: Data type_Numeric Column J_Percentage Difference (%) N: Data type_Numeric Column K_Percentage Difference (%) E: Data type_Numeric Column L_Percentage Difference (%) S: Data type_Numeric Column M_Percentage Difference (%) W: Data type_Numeric

9. Generic Office Building with PV Panel System NE SE SW NW	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel System for a Generic Office Building at Orientations: NE, SE, SW and NW	Column A_Month: Data type_Text Column B_ Monthly Heat Gain (kWh) NE Base Case: Data type_Numeric Column C_ Monthly Heat Gain (kWh) NE PV Case: Data type_Numeric Column D_ Monthly Heat Gain (kWh) SE Base Case: Data type_Numeric Column E_ Monthly Heat Gain (kWh) SE PV Case: Data type_Numeric Column F_ Monthly Heat Gain (kWh) SW Base Case: Data type_Numeric Column G_ Monthly Heat Gain (kWh) SW PV Case: Data type_Numeric Column H_ Monthly Heat Gain (kWh) NW Base Case: Data type_Numeric Column I_ Monthly Heat Gain (kWh) NW PV Case: Data type_Numeric Column J_ Percentage Difference (%) NE: Data type_Numeric Column K_ Percentage Difference (%) SE: Data type_Numeric Column L_ Percentage Difference (%) SW: Data type_Numeric Column M_ Percentage Difference (%) NW: Data type_Numeric
10. Generic Office Building with PV Glazing System N E S W	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Glazing System for a Generic Office Building at Orientations: N, E, S and W	Column A_Month: Data type_Text Column B_ Monthly Heat Gain (kWh) N Base Case: Data type_Numeric Column C_ Monthly Heat Gain (kWh) N PV Case: Data type_Numeric Column D_ Monthly Heat Gain (kWh) E Base Case: Data type_Numeric Column E_ Monthly Heat Gain (kWh) E PV Case: Data type_Numeric Column F_ Monthly Heat Gain (kWh) S Base Case: Data type_Numeric Column G_ Monthly Heat Gain (kWh) S PV Case: Data type_Numeric Column H_ Monthly Heat Gain (kWh) W Base Case: Data type_Numeric Column I_ Monthly Heat Gain (kWh) W PV Case: Data type_Numeric Column J_ Percentage Difference (%) N: Data type_Numeric Column K_ Percentage Difference (%) E: Data type_Numeric Column L_ Percentage Difference (%) S: Data type_Numeric Column M_ Percentage Difference (%) W: Data type_Numeric

11. Generic Office Building with PV Glazing System NE SE SW NW	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Glazing System for a Generic Office Building at Orientations: NE, SE, SW and NW	Column A_Month: Data type_Text Column B_ Monthly Heat Gain (kWh) NE Base Case: Data type_Numeric Column C_ Monthly Heat Gain (kWh) NE PV Case: Data type_Numeric Column D_ Monthly Heat Gain (kWh) SE Base Case: Data type_Numeric Column E_ Monthly Heat Gain (kWh) SE PV Case: Data type_Numeric Column F_ Monthly Heat Gain (kWh) SW Base Case: Data type_Numeric Column G_ Monthly Heat Gain (kWh) SW PV Case: Data type_Numeric Column H_ Monthly Heat Gain (kWh) NW Base Case: Data type_Numeric Column I_ Monthly Heat Gain (kWh) NW PV Case: Data type_Numeric Column J_ Percentage Difference (%) NE: Data type_Numeric Column K_ Percentage Difference (%) SE: Data type_Numeric Column L_ Percentage Difference (%) SW: Data type_Numeric Column M_ Percentage Difference (%) NW: Data type_Numeric
12. Generic Office Building with PV Panel and PV Glazing Systems N E S W	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel and PV Glazing Systems for a Generic Office Building at Orientations: N, E, S and W	Column A_Month: Data type_Text Column B_ Monthly Heat Gain (kWh) N Base Case: Data type_Numeric Column C_ Monthly Heat Gain (kWh) N PV Case: Data type_Numeric Column D_ Monthly Heat Gain (kWh) E Base Case: Data type_Numeric Column E_ Monthly Heat Gain (kWh) E PV Case: Data type_Numeric Column F_ Monthly Heat Gain (kWh) S Base Case: Data type_Numeric Column G_ Monthly Heat Gain (kWh) S PV Case: Data type_Numeric Column H_ Monthly Heat Gain (kWh) W Base Case: Data type_Numeric Column I_ Monthly Heat Gain (kWh) W PV Case: Data type_Numeric Column J_ Percentage Difference (%) N: Data type_Numeric Column K_ Percentage Difference (%) E: Data type_Numeric Column L_ Percentage Difference (%) S: Data type_Numeric Column M_ Percentage Difference (%) W: Data type_Numeric

13. Generic Office Building with PV Panel and PV Glazing Systems NE SE SW NW	Monthly Heat Gain (kWh) and Percentage Difference (%) of a Base Case and a Building Case with PV Panel and PV Glazing Systems for a Generic Office Building at Orientations: NE, SE, SW and NW	Column A_Month: Data type_Text Column B_ Monthly Heat Gain (kWh) NE Base Case: Data type_Numeric Column C_ Monthly Heat Gain (kWh) NE PV Case: Data type_Numeric Column D_ Monthly Heat Gain (kWh) SE Base Case: Data type_Numeric Column E_ Monthly Heat Gain (kWh) SE PV Case: Data type_Numeric Column F_ Monthly Heat Gain (kWh) SW Base Case: Data type_Numeric Column G_ Monthly Heat Gain (kWh) SW PV Case: Data type_Numeric Column H_ Monthly Heat Gain (kWh) NW Base Case: Data type_Numeric Column I_ Monthly Heat Gain (kWh) NW PV Case: Data type_Numeric Column J_ Percentage Difference (%) NE: Data type_Numeric Column K_ Percentage Difference (%) SE: Data type_Numeric Column L_ Percentage Difference (%) SW: Data type_Numeric Column M_ Percentage Difference (%) NW: Data type_Numeric
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