Carbon Performance Disclosure of the Hong Kong Heritage Discovery Centre

1. Background Information	
Bureau / Department	Development Bureau – Antiquities and Monuments Office
Reporting Period **From (DD/MM/YYYY) to (DD/MM/YYYY)**	01/04/2021 to 31/03/2022
Total No. of Major Buildings[1]	1
Total Floor Area[2] (m^2)	4 751
Total No. of Employees[3]	79
Category of Building(s) **(please tick the appropriate box(es))**	☐ Health facilities ✓ Office type buildings ☐ Venues managed by disciplined services departments ☐ Recreational or cultural buildings/venues/facilities ☐ Schools and educational buildings ✓ Others, please specify: Historic Building/ Exhibition Gallery

2. Scope of Reporting		
Total Greenhouse Gas (GHG)Emissions[4]	441.11	**Tonnes of $CO_{2\text{-}e}$**

[1] "Major Buildings" refer to buildings with annual electricity consumption over 500 000 kilowatt hour (kWh).
[2] "Total Floor Area" refers to the sum of floor areas of "Major Buildings".
[3] "Total No. of Employees" refer to those working in the "Major Buildings".
[4] "Total GHG Emissions" refer to the sum of Scopes 1, 2 and 3 GHG emissions.

3. GHG Reduction Measures[5] Implemented in the Reporting Period	
Energy saving	• Using LED lights for existing floodlights, exit lights and down lights • Switching off unnecessary lighting • De-lamping at some building areas • Maintaining building temperature at the most suitable degree • Installing variable frequency drives at the chillers for air conditioners
Vehicles	• Not applicable
Paper saving	• Using electronic platforms to disseminate information for publicity and promotion; carrying out daily work by electronic means • Double-sided printing and using recycled paper
Water saving	• Using water saving dispensers in all toilets • Using flow controllers for water taps
Recycling activities	• Placing recycle bins inside the building • Placing recycle paper collection box in the office
Staff engagement	• Switching off the electrical appliances, lights and air-conditioners that are not in use • Recirculating of circulars on green housekeeping and energy saving practices regularly
Housekeeping measures	• Affixing save energy labels near the lighting switches and air-conditioning controllers • Affixing energy label on the refrigerator in staff office
Others	Not applicable

4. On-grid Renewable Energy (RE) System Installed in the Major Buildings[6]		
Type(s) of System (e.g. Solar PV, Wind Turbine)	Not applicable	
Annual Electricity Generated by RE System	Not applicable	**kWh**
Reduction in GHG Emissions[7,8]	Not applicable	**Tonnes of CO_{2-e}**

[5] The categories of GHG reduction measures suggested here (e.g. energy saving, paper saving etc.) are for B&Ds' reference.

[6] B&Ds should complete this section if applicable.

[7] Reduction in GHG emissions (Tonnes CO_2-e) = Annual electricity generated by RE system (kWh) x Territory-wide default value of emission factor for purchased electricity (i.e. 0.7 kg/kWh) ÷ 1000
For simplicity and consistency, a territory-wide default value of emission factor for purchased electricity is suggested to be adopted to assess the reduction in GHG emissions by RE technologies regardless of the locations of the infrastructure. The most updated territory-wide default value is available at https://www.climateready.gov.hk/education_centre.php?section=guideline_reference_links.

[8] B&Ds should note that the reduction in GHG emissions resulting from the installation of on-grid RE systems will **NOT** be counted towards the overall carbon performance of the government buildings, as the electricity generated by the systems will be fed into the grids of the power companies and transferred out of the buildings at the same time.