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Application: BEAM Plus NB Version 1.1 & 1.2

Effective Date: 11 September 2019

IA 2 Performance Enhancement – Electric Vehicle Charging Facilities

- 1. This circular letter announces that the Technical Circular 2014.118 dated 23 June 2014 is hereby withdrawn.**
2. One bonus credit can be achieved under IA 2 Performance Enhancement – Electric Vehicle (EV) Charging Facilities, if the project proponent provides the following charging facilities arrangement:
 - i. All carparking spaces should be EV charging-enabling¹.
 - ii. Not less than 30% of the carparking spaces are provided with medium chargers with output power not less than 7 kW.
3. For all EV charging facilities (regardless if they are provided with or without chargers), the Applicant shall demonstrate their compliance with (i) Technical Guidelines on Charging Facilities for Electric Vehicles published by the Electrical and Mechanical Services Department² and (ii) Technical Guidelines for Electric Vehicle (EV) Charging-enabling for Car Parks of New Building Developments jointly published by Environmental Bureau and Electrical and Mechanical Services Department³.
4. The submittals required for the assessment has also been clarified as follows:
 - i. For Provisional Assessment (PA), the Applicant shall provide design calculation, design drawings and technical specifications to the chargers and declaration letter by the project proponent committing the number of parking spaces provided with chargers for review.
 - ii. For Final Assessment (FA), the Applicant shall provide as-built drawings, testing & commissioning report and photo records for review.

¹ Requirements for being EV charging-enabling are prescribed under the Technical Guideline for Electric Vehicle (EV) Charging-enabling for Car Parks of New Building Developments jointly issued by Environmental Bureau and Electrical Mechanical Services Department.

² Technical Guidelines on Charging Facilities for Electric Vehicles,
https://www.emsd.gov.hk/filemanager/en/content_444/Charging_Facilities_Electric_Vehicles.pdf

³ Technical Guidelines for Electric Vehicle (EV) Charging-enabling for Car Parks of New Building Developments,
https://www.epd.gov.hk/epd/sites/default/files/epd/english/environmentinhk/air/prob_solutions/files/guidelines_on_enabling_eng.pdf



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