**WHEN TO USE THIS FORM**

[Optional if using cover page with same information. Otherwise, describe occupancy and trigger and add link to municipal code and or webpage.]

PROJECT ADDRESS:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

APN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ APPLICANT NAME:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## ELECTRIFICATION [modify as needed]

Check all

* All-Electric
	+ No natural gas or propane appliances or equipment
	+ No gas meters or propane infrastructure in the building or within the property lines
* A solar photovoltaic system of a capacity of at least XX kW(DC). The number of Kilowatts required is calculated by the energy report NRCC-PRF-01-E.

## ENERGY EFFICIENCY

* Compliance with energy efficiency standards required under the State Energy Code

## Green Building

* The permit application includes a completed CALGreen checklist [add hyperlink]

## Electric Vehicle (EV) Charging

Enter the required and proposed number of EV spaces in Table 1 below. Refer to Tables 2 and 3 for the requirements.

**Table 1: EV Parking Spaces**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Measure | Total Spaces (EV and non-EV) | Required EV Spaces (see tables) | Proposed EV Spaces | Capacity |
| Volts | Amps |
| Parking Spaces |  |  |  |  |  |
|  | Level 1 EV Ready |  |  |  |  |  |
| Level 2 EV Receptacle |  |  |  |  |  |
| Level 2 EV Ready |  |  |  |  |  |
| EV Capable |  |  |  |  |  |
| EV Chargers |  |  |  |  |  |
| DC Fast Charger |  | na\* |  |  |  |
| **Total Parking Spaces** |  |  |  |  |  |
| Off Street Loading Spaces |  |  |  |  |  |
|  | Raceway & Panel Capacity |  |  |  |  |  |

\* DC fast chargers may offset five EV Capable or EV Charger spaces.

**Table 2: EV Requirements – Hotels and Motels**

[CALGreen mandatory; modify table for local requirements]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Size | Measure | Requirement | Total Spaces (EV and non-EV) | Required EV Spaces (round up) |
| A | B | A times B |
| **Small (<20 units)** | EV Capable | 10% |  |  |
| Level 1 EV Ready |  |  |  |
| Level 2 EV Receptacle | 25% |  |  |
| Level 2 EV Ready |  |  |  |
| **Total Spaces** |  |  |  |
| **Large (> 20 units)** | EV Capable | 10% |  |  |
| Level 1 EV Ready |  |  |  |
| Level 2 EV Receptacle | 25% |  |  |
| Level 2 EV Ready |  |  |  |
| EV Chargers | 5% |  |  |
| **Total Spaces** |  |  |  |

**Table 3: EV Requirements – All Occupancies Except Hotels and Motels**

[CALGreen mandatory; modify table for local requirements]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Total Number of Actual Parking Spaces | Required EV Level 1 Spaces | Required EV Level 2 Spaces | Required EV Capable Spaces | Required Spaces with Chargers | Total EV Spaces |
| 0–9  |  |  | 0 | 0 | 0 |
| 10–25  |  |  | 4 | 0 | 4 |
| 26–50  |  |  | 6 | 2 | 8 |
| 51–75  |  |  | 10 | 3 | 13 |
| 76–100  |  |  | 13 | 4 | 17 |
| 101–150  |  |  | 19 | 6 | 25 |
| 151–200  |  |  | 26 | 9 | 35 |
| 201 and over  |  |  | 15% of total | 5% of total | 20% of total |
| Off Street Loading Spaces | Refer to CALGreen Table 5.106.5.4.1 |

## Exceptions

Check one

* No exceptions requested
* Exception(s) requested (attach exceptions [hyperlink] form)

## Verification

This form has been completed by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(name) of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(company), the qualified [specify credentials based on local practice, e.g., architect, engineer, project manager] individual for the above listed project who verifies that it accurately represents the project plans. [modify based on local verification requirements]

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature Date

**DEFINITIONS** [Add or delete or modify terms to conform to the ordinance. Note, EV charging definitions are not written as they appear in the State Code but have been modified to suit the context of the requirements by occupancy.]

**AUTOMATIC LOAD MANAGEMENT SYSTEM (ALMS).** A system designed to manage load across one or more electric vehicle supply equipment (EVSE) to share electrical capacity and/or automatically manage power at each connection point.

**EV CAPABLE SPACE.** A vehicle space capable of supporting future EV charging, which includes raceway and/or sheathed cable, panel capacity and circuit breaker space for a 208/240-volt 40-ampere minimum branch circuit.

**EV CHARGER**. Off-board charging equipment used to charge an electric vehicle connected to a 208/240-volt 40-ampere minimum circuit. If using an automated load management system (ALMS), each charging port shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

**LEVEL 1 EV READY.** A parking space that is served by a complete electric circuit with the following requirements:

* A minimum of 2.2 kVa (110/120-volt, 20-ampere) capacity wiring.
* A receptacle labeled “Electric Vehicle Outlet” or electric vehicle supply equipment (EVSE) located within three (3) feet of the parking space. If EVSE is provided the minimum capacity of the EVSE shall be 16-ampere.
* Conduit oversized to accommodate future Level 2 EV Ready (208/240-volt, 40-ampere) at each parking space.

**LEVEL 2 EV READY.** A parking space that is served by a complete electric circuit with the following requirements:

* A minimum of 8.3 kVa (208/240-volt, 40-ampere) capacity wiring.
* A receptacle labeled “Electric Vehicle Outlet” or electric vehicle supply equipment (EVSE) located within three (3) feet of the parking space. If EVSE is provided the minimum capacity of the EVSE shall be 30-ampere.

**LEVEL 2 EV RECEPTACLE.** A 208/240-volt 20-ampere minimum branch circuit and a receptacle for EV charging.