

EV ready buildings costing tool

While the assumptions used in the tool are based on industry best practices and have been peer-reviewed by key industry stakeholders, it is to be used as a guide only. The actual costs will vary based on specific circumstances, some key special considerations are listed below. It is recommended that quotes are obtained from charging equipment providers to determine an accurate cost estimate for your site.

The following outputs provide a total installed charging capacity and anticipated infrastructure costs.

Installed capacity [kW]	Total chargers
389.2	51 x 7kW (AC) 1 x 22kW (AC)

New infrastructure

Chargers	\$ 99,100
Cable trays	\$ 28,400
Distribution boards	\$ 45,000
Sub-mains	\$ 3,000
Concrete coring	\$ 265
Final circuits	\$ 18,460
Ethernet	\$ 7,584
New infrastructure cost	\$ 201,809

Site and upstream works	Lower estimate	Upper estimate
Site electrical upgrades	\$ 32,000	\$ 75,000
Upstream upgrade cost	\$ 40,000	\$ 250,000
Site and upstream works costs	\$ 72,000	\$ 325,000
Total site estimate	\$ 273,809	\$ 526,809

Disclaimer

While the materials published here have been created with all due care, results and information is provided as general guidance and examples only and do not constitute legal or professional advice and should not be relied upon as if they were. When seeking to undertake any building work you should obtain independent expert or professional advice before making any decision based on the published information.

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