

## P2.1 Load Calculation Summary (Mock)

Prepared: 2026-01-22 (v1.0) | Basis: Phase 1 evidence pointers (mock)

EV Charging Site Project — Phase 2 Outputs (MOCK)

This summary captures the key results of the Phase 2 load calculation. Replace with an Engineer-of-Record signed calculation and jurisdiction-specific methodology where required.

### Inputs (by evidence pointer, mock):

- Panel schedules: P1/Inputs/P1-I02\_PanelSchedules\_MDP\_and\_Subpanels\_2026-01-16.pdf
- EVSE cut sheet: P1/Inputs/P1-I04\_EVSE\_CutSheet\_ElectriCharge\_L2-7.6-G\_revA.pdf
- AHJ/code basis: P1/Inputs/P1-I05\_AHJ\_Electrical\_Permitting\_CodeBasis\_2026-01-17.pdf
- EMS brief: P2/Inputs/P2-W04\_EMS\_TechnicalBrief\_revB\_2026-01-21.pdf

### Key calculation results (mock):

Parameter	Value
Ports	8
EVSE continuous current / port	32A
Continuous factor	125%
Design current / port	40A
Total unmanaged EV current	320A
Headroom basis (screening)	250A
Result	Unmanaged exceeds headroom by 70A → EMS required

NOTE: Mock summary only; final engineering must be stamped where required.