POWERFLEX SYSTEMS

ADAPTIVE CHARGING NETWORK

ALM ELECTRIC VEHICLE CHARGING STATION

SPECIFICLY DESIGNED FOR USE WITH POWERFLEX SYSTEMS LOAD MANAGEMENT CONTROLLER

MODEL PF-EVSE-RS

FEATURES

- Advanced Load Management Capabilities
- Mesh network communications
- Industry standard SAE-J1772 connector
- Americans with Disabilities Act (ADA) compliant installation
- Integrated cable stowage
- Underwriters Laboratory (UL) listed
- Breakaway safety cable
- Optional pedestal mount configurations

SPECIFICATION	PF-EVSE-RS
Connector	SAE J1772 compliant
Voltage	208VAC to 240VAC
Frequency	60/50Hz
Output Current	32A max
Input Current	40A max
Operating Temperature	-22°F to 122°F -30°C to 50°C
Storage/Transit Temperature	-40°F to 140°F -40°C to 60°C
Relative Humidity	Up to 95% non-condensing
Dimensions	12” x 12” x 8” (approximate)
Weight	10 lbs. (excl. cable)
Cord Length	Up to 25’ available
Enclosure	NEMA 3R
Regulatory Compliance	UL, cUL, CE, CTick listed

Information and specifications subject to change.

The PF-EVSE-RS Charging Station charges all SAE J1772-compliant vehicles – including both electric vehicle (EV) and plug-in hybrid (PHEV) models – and is specifically designed to operate in large commercial and residential multi-tenant EV charging installations employing PowerFlex Adaptive Load Management (ALM) technology. The station output is controlled by the PFS Load Management Controller (LMC) to safely and reliably deliver AC power to the vehicle’s on-board charger so that the driver’s requested amount of energy is delivered on or before the driver’s estimated departure time. The PFS EV Charging Station features a weather-resistant NEMA 3R enclosure for indoor and outdoor installations. An optional cord management system is also available.

The PFS EV Charging Station is installed by one of our independent ACN certified licensed electricians who can also facilitate necessary planning, permitting and inspection steps. Please contact your authorized PFS distributor or sales rep for more information.

** Installation services available in certain areas; contact PFS for additional information.*

Load Management Controller

For PowerFlex Adaptive Charging Network

LMC Features

- Communications via cellular or hardwired Ethernet
- Supports either mesh network equipped EVSE
- Intel Core i5-6300U, 2.4GHz processor with 500GB SSD and 32GB of RAM
- 120VAC—240VAC
- Max power consumption 50W
- 40 lbs
- 19.5 x 17.5 x 10 inches
- Molded fiberglass reinforced polyester enclosure
- NEMA Type 3R, 3RX/IP 24 rated
- Thermostat controlled heating and cooling
- ETL certified

PowerFlex EV Chargers

- SAE J1772 Connector
- Voltage 208VAC—240 VAC
- Output Current 32A max
- Input Current 40A max
- Mesh Communications
- 15’ or 25’ Cable
- NEMA 3
- UL Certified

Must be installed by a licensed electrician

PowerFlex Systems, LLC
1525 Miramonte Ave, Suite 3155
Los Altos, California 94024
Phone: 650-469-3392
E-mail: info@powerflexsystems.com

POWERFLEX SYSTEMS

ARTICLE 625
Electric Vehicle Charging System

I. General

625.1 Scope.
…

625.13 *[BSC]* Electric Vehicle Supply Equipment. ~~Electric vehicle supply equipment rated at 125 volts, single phase, 15 or 20 amperes or part of a system identified and listed as suitable for the purpose and meeting the requirements of 625.18, 625.19, and 625.29 shall be permitted to be cord-and-plug-connected. All other electric vehicle supply equipment shall be permanently connected and fastened in place. This equipment shall have no exposed live parts.~~

Electric Vehicle Supply Equipment Connection. *Electric vehicle supply equipment shall be permitted to be cord-and-plug-connected to the premises wiring system in accordance with one of the following:*

(A) Connections to 125-Volt, Single-Phase, 15- and 20-Ampere Receptacle Outlets. *Electrical vehicle supply equipment intended for connection to nonlocking, 2-pole, 3-wire grounding-type receptacle outlets rated at 125 V, single phase, 15 and 20 amperes or from a supply of less than 50 volts dc.*

(B) Connections to Other Receptacle Outlets. *Electric vehicle supply equipment that is rated 250 V maximum and complying with all of the following:*

(1) It is intended for connection to nonlocking, 2-pole, 3-wire and 3-pole, 4-wire, grounding-type receptacle outlets rated not more than 50 amperes.
(2) EVSE is fastened in place to facilitate any of the following:

a. Ready removal for interchange
b. Facilitation of maintenance and repair
c. Repositioning of portable, movable, or EVSE fastened in place

(3) Power-supply cord length for electric vehicle supply equipment fastened in place is limited to 1.8 m (6 ft).

(NEW PANEL)

PANEL 'EV1' — LOCATION: ELECTRICAL ROOM; MAIN (AMP): M.L.O.; BUS RATING: 225A; 120/208 V 3 Ø 4 W; MOUNTING: SURFACE

DESCRIPTION	VOLT AMPS ØA	VOLT AMPS ØB	VOLT AMPS ØC	LTG	REC	MIS	BKR	CKT NO	BUS ØA	BUS ØB	BUS ØC	CKT NO	BKR	MIS	REC	LTG	VOLT AMPS ØA	VOLT AMPS ØB	VOLT AMPS ØC	DESCRIPTION
EV CHARGER 1	3400						40	1				2	40				3300			EV CHARGER 2
-----		3400					2	3				4	2					3400		-----
EV CHARGER 3			3400				40	5				6	40						3400	EV CHARGER 4
-----	3400						2	7				8	2				3400			-----
(1) EV CHARGER 5		3400					40	9				10	40					3400		EV CHARGER 6 (1)
-----			3400				2	11				12	2						3400	-----
EV CHARGER 7	3400						40	13				14	40				3400			EV CHARGER 8
-----		3400					2	15				16	2					3400		-----
EV CHARGER 9			3400				40	17				18	40						3400	EV CHARGER 10
-----	3400						2	19				20	2				3400			-----
EV CHARGER 11		3400					40	21				22	40					3400		EV CHARGER 12
-----			3400				2	23				24	2						3400	-----
EV CHARGER 13	3400						40	25				26	40				3400			EV CHARGER 14
-----		3400					2	27				28	2					3400		-----
SPARE							20-1	29				30	20-1							SPARE
SPARE							20-1	31				32	20-1							SPARE
SPARE							20-1	33				34	20-1							SPARE
METER							15	35				36	20-1							SPARE
-----								37				38	20-1							SPARE
-----							3	39				40	20-1							SPARE
(2) LOAD CONTROLLER			1000				20-1	41				42	20-1						1000	NETWORK COMM
SUB-TOTAL		ØA= 34000VA								ØB= 34000VA								ØC= 29200VA		

TOTAL CONNECTED VA	=	95200VA
LCL @ 125 %	0 =	0
TOTAL OTHER LOAD	=	0
PANEL LOAD	=	95.2KVA
FEEDER AMPS	= (1)	180 A

NOTES:
(1) EV CHARGING LOAD PART OF AUTOMATIC LOAD MANAGEMENT SYSTEM. MAXIMUM LOAD OF LOAD MAXIMUM SYSTEM IS 180AMP. (CEC 625.14)
(2) POWERFLEX ADAPTIVE LOAD MANAGEMENT IS CERTIFIED UL916 ENERGY MANAGEMENT EQUIPMENT

Pacific Gas and Electric Company

PACIFIC GAS AND ELECTRIC COMPANY
NET ENERGY METERING ELECTRIC STATEMENT
THIS IS NOT A BILL
Service Dates: August 10,2017 to September 11,2017
True-up period from Nov 2016 to Oct 2017

HARKER ACADEMY
500 SARATOGA AVE
SAN JOSE, CA. 95129

Rate Schedule: A 10SX/NEMEXPM
Account ID: 2043450219
Service ID: 2043450963

PAGE 1

BILLING SUMMARY:

Current Non-Energy Charge	$12,874.41
Current Energy Charges/Credits	28,807.91
Energy Commission Tax (ECT)	73.32
Electric Utility User Tax	2,084.12
Franchise Surcharge	125.05
Total Current Month's Billed Amount	$43,964.81

SUMMARY CALCULATION OF CURRENT MONTH'S BILLED AMOUNT:

Current Energy Charges/Credits = (greater of Cumulative Energy Charges or 0) minus Previous Billed Amounts	
Cumulative Applicable Energy Charges (including ECT)	$171,431.10
Previous Billed Amounts	142,586.53
Current Energy Charges/Credits (including ECT)	$28,844.57
Current ECT Charges = (Cumulative ECT amounts, if greater than 0, or 0) minus Previous Billed ECT Amounts	
Cumulative ECT Amounts	$371.11
Previous Billed ECT Amounts	334.45
Current Energy Commission Tax (ECT)	$36.66

CURRENT MONTH METER INFORMATION

CHANNEL ID	METER BADGE	PRIOR READ DATE	CURRENT READ DATE	PRIOR READ TIME	CURRENT READ TIME	USAGE (kWH)
E2950A	1010185718	08/10/17	09/11/17	24:00	24:00	173,644
E2950C	1010185718	08/10/17	09/11/17	24:00	24:00	0
TOTAL						173,644

CURRENT MONTH RKVAH INFORMATION

CHANNEL ID	METER BADGE	PRIOR READ DATE	CURRENT READ DATE	USAGE (RkVAH)
E2950B	1010185718	08/10/17	09/11/17	79,153
TOTAL				79,153

CURRENT MONTH TOU DEMAND

SEASON	TOU PERIOD	DEMAND CONSTANT	MAXIMUM DEMAND
Summer	Peak	.120	697
Summer	Part	.120	~~602~~
Summer	Off	.120	483

For inquiries about your Net Energy Metering bill, please contact the Solar Customer Service Center at 1-877-743-4112.
For all other inquiries, please call 1-800-743-5000.

Date Billed: 04/20/18
Biller: ADB8

Billing Point ID: 800010 2906

LOAD 1 4000A MAIN PANEL CALCULATIONS (480V)

4000A DISTRIBUTION PANEL

Load Breakdown:

Maximum demand load per PGE bills: (kVA)	697kVA
Max demand with 125% demand factor:	871.25kVA
Total NEW PANEL EV1 load from amp restriction:	64KVA
Subtotal General Load:	935.25kVA
Total amps with 80% power factor:	1147A

LOAD 2 2000A DIST. CALCULATIONS (480V)

2000A DISTRIBUTION PANEL

Load Breakdown:

Maximum demand load per 30 day load test: (kVA)	85.7kVA
Max demand with 125% demand factor:	107.2kVA
Total NEW PANEL EV1 load from amp restriction:	64KVA
Subtotal General Load:	171.2kVA
Total amps with 80% power factor:	210A

LOAD 3 PANEL D.P.D. CALCULATIONS(208V)

800A DISTRIBUTION PANEL (PANEL "D.P.D.")

Load Breakdown:

Maximum demand load per 30 day load test: (kVA)	60.2kVA
Max demand with 125% demand factor:	75.2kVA
Total NEW PANEL EV1 load from amp restriction:	64KVA
Subtotal General Load:	139.2kVA
Total amps with 80% power factor:	393.7A

LOAD 4 PANEL H CALCULATIONS (208V)

400 A PANEL (SUBPANEL "H")

Load Breakdown:

Maximum demand load per 30 day load test: (kVA)	56kVA
Max demand with 125% demand factor:	70kVA
Total NEW PANEL EV1 load from amp restriction:	64KVA
Subtotal General Load:	134kVA
Total amps with 80% power factor:	379A

LOAD 5 PANEL EV1 CALCULATIONS (208V)

225 A PANEL (SUBPANEL "EV1")

Load Breakdown:

Total NEW PANEL EV1 load from amp restriction:	64KVA
Subtotal General Load:	64kVA
Total amps with 80% power factor:	180A

ELECTRICAL WIRING METHODS

a) FOR UNDERGROUND AND EXPOSED UP TO +5'-0", OR DAMP LOCATION, THE CONDUIT SHALL BE RIGID STELL GALVANIZED IMC. NO RUNNING THREADS ARE PERMITTED.

b) GALVANIZED EMT SHALL BE USED IN DRY CONCEALED LOCATIONS AND EXPOSED ABOVE +5'-0". EMT CONNECTORS SHALL BE WATERTIGHT COMPRESSION TYPE.

c) GALVANIZED FLEXIBLE CONDUIT SHALL BE USED ONLY FOR MOTOR AND FIXTURE CONNECTIONS IN LENGTHS NOT TO EXCEED 6'.

d) CONDUITS PENETRATING THE ROOF SHALL BE FLASHED AND COUNTER FLASHED.

e) PVC SCHEDULE 40 MAY BE USED UNDER FLOOR SLABS OR UNDERGROUND WITH GROUND WIRE. PVC UNDERGROUND TO HAVE 24 INCH COVER.

f) SERVICE CONDUITS SHALL BE PVC SCHEDULE 40 OR AS SPECIFIED BY UTILITY COMPANIES.

g) INSTALL FITTINGS, SPECIAL DEVICES AND MATERIAL, WHICH MAY BE REQUIRED FOR THE PROPER INSTALLATION OF THE CONDUIT SYSTEM.

h) REFER TO NEC 300.5 FOR UNDERGROUND INSTALLATION REQUIREMENTS AND DETAILS; NEC 300.6 FOR CORROSION AND DETERIORATION AREAS.

CAUTION

GMEP ENGINEERS SHALL NOT BE RESPONSIBLE FOR ANY ELECTRICAL CHANGE ORDERS THAT MAY OCCUR SHOULD FINAL BIDS AND/OR CONSTRUCTION BASED ON THESE DOCUMENTS BE STARTED PRIOR TO ELECTRICAL PLAN CHECK APPROVAL.

ALL WORK TO COMPLY WITH THE 2016 CBC, CPC AND CMC AND THE 2016 CEC (2014 NEC, AND 2016 CALIFORNIA ENERGY & EFFICIENCY CODE) WITH STATE AND LOCAL AMENDMENTS.

ALL EQUIPMENTS SHALL BE U.L. LISTED AND INSTALLED ACCORDING TO THE LISTING.

CONDUCTORS:
ALL CONDUCTORS SHALL BE COPPER AS FOLLONS:

#12 AWG AND SMALLER - SOLID, TW

#10 AWG AND LARGER - STRANDED, THWN, THHN OR XHHW

ALL CONDUCTORS SIZES ARE BASED ON 75°C TEMPERATURE RATING (NEC. 2011 TABLE 310.16)

MOUTING HEIGHT FOR RECEPTACLES AND CONTROL DEVICES:

a) THE BOTTOM OF ELECTRICAL AND COMMUNICATION RECEPTACLES INTENDED TO BE USED BY THE OCCUPANT SHALL BE LOCATED NO LESS THAN 15". [ADA ACCESSIBILITY GUIDELINES 4.27.3]

b) RECEPTACLE OUTLETS SHALL BE LOCATED ABOVE, BUT NOT MORE THAN 20 IN. ABOVE, THE COUNTERTOP. SUGGESTION HEIGHT IS 6" [NEC 210.52.C(3)]

THE TOP OF SWITCHES SHALL BE INSTALLED NOT LESS THAN 36" NOR MORE THAN 48" ABOVE THE FINISH FLOOR.

THERMOSTAT CONTROLS SHALL BE LOCATED NOT LESS THAN 36" NOR MORE THAN 48" ABOVE FINISH FLOOR LINE.

IMPORTANT BID NOTES:

a) DUE TO THE SMALL SCALE OF DRAWINGS, IT IS NOT ALWAYS POSSIBLE TO SHOW ALL DEVICES WHICH MAYBE REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL EXISTING CONDITIONS BEFORE SUBMITTING HIS BID. NO ADDITIONAL COMPENSATION WILL BE MADE FOR EXTRA DUE TO CONTRACTOR'S FAILURE TO VISIT THE JOB SITE AND/OR FAILURE TO DETERMINE ALL EXISTING CONDITIONS BEFORE SUBMITTING HIS BID.

b) REFER TO COMPLETE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES, SPECIFICATIONS, DETAILS, CONTROLS, ETC. REPORT TO ARCHITECTURE IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN THE DRAWINGS AND INCLUDE ALL COST PER ARCHITECTURE'S CLARIFICATION IN BASE BID. THIS REQUIREMENT WILL BE STRICTLY ENFORCED. NO CHANGE ORDERS WILL BE ALLOWED IF THE CONTRACTOR FAILS TO PERFORM THIS FUNCTION.

DEMOLITION NOTES

a) THE DRAWINGS SHOW THE WORK TO BE IN PLACE AT THE COMPLETION OF INSTALLATION. MAKE NECESSARY ALTERNATIONS TO COORDINATE AND CONNECT THE EXISTING ELECTRICAL WORK WITH THE NEW SUCH THAT, WHEN THE WORK IS DONE, THE ENTIRE ELECTRICAL INSTALLATION, EXISTING AND NEW, IS IN COMPLETE OPERATING CONDITION.

b) UNLESS SPECIFICALLY NOTED ON THE CONTRARY, ALL EXISTING LIGHTING FIXTURES, SWITCHES, CONTROLS AND OTHER MATERIALS OR EQUIPMENTS WHICH ARE REPLACED BY NEW AND ARE NOT INDICATED TO BE REUSED SHALL BE RETURNED TO THE OWNER OR BE DISPOSED AS DIRECTED BY THE OWNER.

c) EXISTING MATERIAL TO REMAIN UPON COMPLETION IS INDICATED ON DRAWINGS AS EXISTING. FEEDERS (CONDUIT AND WIRES) ARE EXISTING TO THEIR RESPECTIVE SOURCE. ALTHOUGH NOT INDICATED ON THE DRAWINGS, TEMPORARY REMOVAL OR RE-ROUTE CONDUITS AND REPLACE EXISTING WIRES WITH NEW DURING CONSTRUCTION WORK MAYBE REQUIRED.

d) PROVIDE AND INSTALL NEW COVER PLATES FOR ALL REMOVED OUTLETS, SWITCHES, LIGHT FIXTURES, AND OTHER ELECTRICAL DEVICES WHEN THE OUTLET BOX IS TO REMAIN.

e) REMOVE ALL EXISTING ABANDONED FEEDERS (CONDUITS AND WIRES) BACK TO PANEL BOARDS. LABEL NEW PANEL DIRECTORY AS "SPARE".

f) MAINTAIN CONTINUITY OF ALL ELECTRICAL SYSTEMS, EQUIPMENT, ETC., FED BY ABANDONED OUTLET. THEY SHOULD BE IN OPERATION AFTER THE WORK IS DONE. MAINTAINING CONTINUITY SHALL CONSIST OF RE-ROUTING OF CONDUIT AND WIRING, AS REQUIRED TO SUIT THE EXISTING CONDITIONS.

g) DASHED J-BOX DENOTES APPROXIMATE LOCATION OF EXISTING BOXES IN ACCESSIBLE CEILING SPACE. ALL CONDUIT SHOWN FROM J-BOX IS NEW UNLESS SHOWN OTHERWISE AS DASHED. REFER TO ELECTRICAL SYMBOL LIST.

h) EXISTING LOADS SHOWN ON PANEL SCHEDULES ARE BASED ON ASSUMPTIONS MADE BY FIELD VISIT, ELECTRICAL BILLS OR PUBLIC RESOURCES. NOTIFY ENGINEER IMMEDIATELY IF LOADS EXCEED 16 AMPS ON ANY 20A/1P CIRCUIT. NO EXCEPTION.

i) CAREFULLY REVIEW ARCHITECT'S DEMO DRAWINGS FOR LOCATION OF WALLS BEING REMOVED UNDER THIS SCOPE OF THIS WORK AND REMOVE ALL FEEDERS (CONDUITS AND WIRES) BACK TO LAST DEVICE LEFT IN SERVICE. DO NOT LEAVE ABANDONED.

j) CAREFULLY REVIEW ARCHITECT'S DEMO DRAWINGS FOR EXISTING FLOOR BOXES BEING REMOVED UNDER THIS SCOPE OF WORK. REMOVE FLOOR BOXES AND ALL FEEDERS (CONDUITS AND WIRES) BACK TO LAST DEVICE LEFT IN SERVICE. DO NOT LEAVE ABANDONED.

GENERAL ELECTRICAL NOTES

a) VERIFY IN FIELD, ADJUST THE LOCATIONS OF HOMERUNS AND CIRCUIT NUMBERS ACCORDING TO EXISTING CONDITIONS IF NEEDED. COMMUNICATE WITH ENGINEER IF DESIGN SHOULD BE ALTERNATED. NO EXCEPTION.

b) IDENTIFY ANY OBVIOUS EXISTING CODE VIOLATIONS THAT OCCURS AS AN EXISTING CONDITION AND PROVIDE SEPARATE PRICING TO CORRECT THE CONDITION SO THAT IN THE END, THE ENTIRE ELECTRICAL INSTALLATION COMPLIES WITH THE NATIONAL ELECTRICAL CODE AND ALL OTHER LOCAL CODES.

c) IF THERE IS ANY DEVIATION FROM THE CIRCUITRY SHOWN, PROVIDE AS-BUILT DRAWINGS INDICATING SUCH.

d) AT THE COMPLETION OF CONSTRUCTION WORK, AND PRIOR TO THE FINAL REVIEW BY THE ARCHITECT, PROVIDE PANEL DIRECTORIES IN PANELBOARD FRONTS REFLECTING ALL CHANGES MADE DURING CONSTRUCTION.

REVISIONS

SEAL:

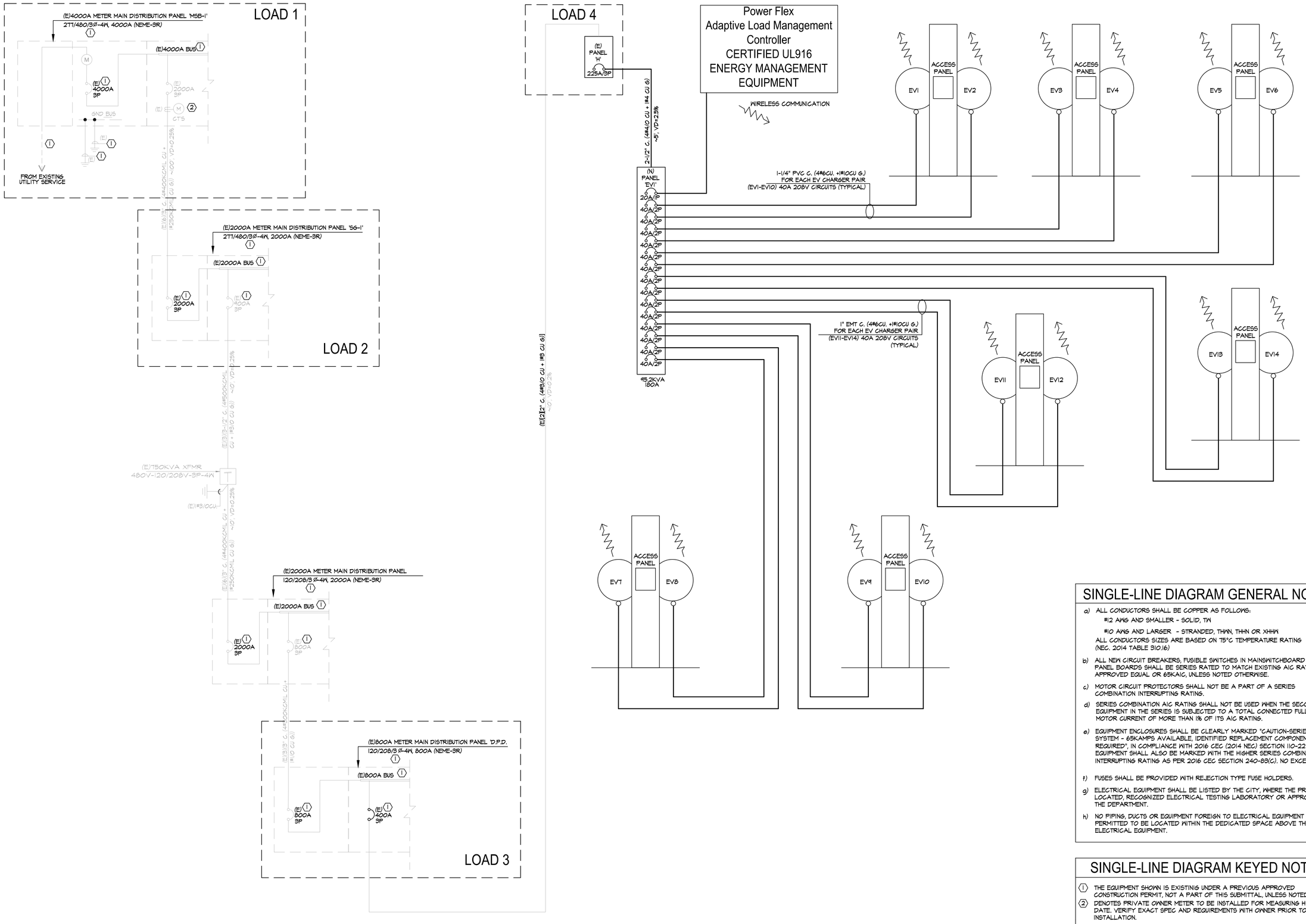
REGISTERED PROFESSIONAL ENGINEER GANGYI ZHOU No. 018959 Exp.12-31-2019 ELECTRICAL STATE OF CALIFORNIA

GMEP ENGINEERS
26439 Rancho Pkwy. S, Ste 120
Lake Forest, CA 92630
Tel: 949-267-9095

PROJECT NAME: HARKER UPPER CAMPUS
500 Saratoga Ave
San Jose, CA 95129

SHEET TITLE: ELECTRICAL GENERAL NOTES, & LOAD CALCULATIONS & PANEL SCHEDULE

DRAWN: GMEP
CHECKED: GMEP
DATE: 04/23/18
SCALE: AS NOTED
JOB NO.: 18-065
SHEET: E-1.0



SINGLE-LINE DIAGRAM GENERAL NOTES

a) ALL CONDUCTORS SHALL BE COPPER AS FOLLOWS:
   #12 AWG AND SMALLER - SOLID, TW
   #10 AWG AND LARGER - STRANDED, THWN, THHN OR XHHW
   ALL CONDUCTORS SIZES ARE BASED ON 75°C TEMPERATURE RATING (NEC. 2014 TABLE 310.16)

b) ALL NEW CIRCUIT BREAKERS, FUSIBLE SWITCHES IN MAINSWITCHBOARD OR PANEL BOARDS SHALL BE SERIES RATED TO MATCH EXISTING AIC RATING OR APPROVED EQUAL OR 65KAIC, UNLESS NOTED OTHERWISE.

c) MOTOR CIRCUIT PROTECTORS SHALL NOT BE A PART OF A SERIES COMBINATION INTERRUPTING RATING.

d) SERIES COMBINATION AIC RATING SHALL NOT BE USED WHEN THE SECONDARY EQUIPMENT IN THE SERIES IS SUBJECTED TO A TOTAL CONNECTED FULL LOAD MOTOR CURRENT OF MORE THAN 1% OF ITS AIC RATING.

e) EQUIPMENT ENCLOSURES SHALL BE CLEARLY MARKED "CAUTION-SERIES RATED SYSTEM - 65KAMPS AVAILABLE, IDENTIFIED REPLACEMENT COMPONENTS REQUIRED", IN COMPLIANCE WITH 2016 CEC (2014 NEC) SECTION 110-22. END USE EQUIPMENT SHALL ALSO BE MARKED WITH THE HIGHER SERIES COMBINATION INTERRUPTING RATING AS PER 2016 CEC SECTION 240-83(C). NO EXCEPTION.

f) FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.

g) ELECTRICAL EQUIPMENT SHALL BE LISTED BY THE CITY, WHERE THE PROJECT IS LOCATED, RECOGNIZED ELECTRICAL TESTING LABORATORY OR APPROVED BY THE DEPARTMENT.

h) NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.

SINGLE-LINE DIAGRAM KEYED NOTES

1. THE EQUIPMENT SHOWN IS EXISTINIG UNDER A PREVIOUS APPROVED CONSTRUCTION PERMIT, NOT A PART OF THIS SUBMITTAL, UNLESS NOTED AS NEW.
2. DENOTES PRIVATE OWNER METER TO BE INSTALLED FOR MEASURING HISTORIC DATE. VERIFY EXACT SPEC AND REQUIREMENTS WITH OWNER PRIOR TO BID AND INSTALLATION.

ELECTRICAL SINGLE LINE

SCALE: NONE

REVISIONS

SEAL:

REGISTERED PROFESSIONAL ENGINEER GANGYI ZHOU No. 018959 Exp.12-31-2019 ELECTRICAL STATE OF CALIFORNIA

GMEP ENGINEERS
26439 Rancho Pkwy. S. Ste 120
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Tel: 949-267-9095

PROJECT NAME: HARKER UPPER CAMPUS

500 Saratoga Ave
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SHEET TITLE: ELECTRICAL SINGLE LINE DIAGRAM

DRAWN: GMEP
CHECKED: GMEP
DATE: 04/23/18
SCALE: AS NOTED
JOB NO.: 18-065
SHEET: E-2.0