

DOCKETED	
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IOU VNEM Interconnections from January 2020 through April 2021

Dear California Energy Commissioners and staff,

As the Commission continues the process to adopt a PV requirement for new commercial and high-rise multifamily buildings, we are submitting the attached spreadsheet to the docket as a resource to aid the Commission in its decisions. The data are the virtual net energy metering (VNEM) projects interconnected in PG&E, SCE, and SDG&E between January 2020 and April 2021. The data show that VNEM is a well-established program that allows multi-tenant properties to install solar. Both commercial and residential solar properties across the state already rely on VNEM, and nearly 40 solar companies have a recent history of providing VNEM services. The data also show that while the majority of VNEM solar projects are owned by the property owner, a significant portion of the projects are also owned by third parties.

The raw data are available at <https://www.californiadgstats.ca.gov/downloads/>, which is maintained by the California Energy Commission and California Public Utilities Commission.

Sincerely,
Benjamin Davis
CA Solar & Storage Association

Additional submitted attachment is included below.

Application Id	Utility	Service Zip	Service County	PV SIZE	Customer Sector	App Approved Date	Installer Name	Third Party Owned	Party Owned Type	Interconnection Program
PGE-INT-120	PGE	93245	KINGS	5.0	Commercial	4/23/21	EVERYDAY ENERGY	Yes	PPA	VNEMMASH
PGE-INT-120	PGE	93307	KERN	5.2	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	93654	FRESNO	8.0	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	94019	SAN MATEO	5.7	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	94062	SAN MATEO	12.3	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	94110	SAN FRANCISCO	9.7	Commercial	4/23/21	MAC GREINE ENERGY CO	No		NEM-V-ST
PGE-INT-120	PGE	94558	NAPA	3.7	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	95070	SANTA CLARA	8.5	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	95136	SANTA CLARA	4.2	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	95206	SAN JOAQUIN	3.5	Commercial	4/23/21	EVERYDAY ENERGY	Yes	PPA	VNEMMASH
PGE-INT-120	PGE	95602	PLACER	8.7	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	95746	PLACER	12.7	Commercial	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	95973	BUTTE	9.2	Residential	4/23/21	BLM HOLDINGS INC	No		VNEM
PGE-INT-120	PGE	94509	CONTRA COSTA	9.8	Commercial	4/22/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	94531	CONTRA COSTA	6.8	Commercial	4/22/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	94550	ALAMEDA	12.5	Commercial	4/22/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	94564	CONTRA COSTA	7.4	Commercial	4/22/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	95642	AMADOR	3.6	Commercial	4/16/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	95946	NEVADA	4.9	Commercial	4/16/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE		SONOMA	-	Commercial	4/12/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	93401	SAN LUIS OBISPO	2.4	Commercial	4/7/21	BRIGHT POWER INC	Yes	PPA	NEM-V-ST
PGE-INT-120	PGE	93306	KERN	10.7	Commercial	4/1/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	93722	FRESNO	5.5	Commercial	4/1/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	94559	NAPA	5.8	Commercial	4/1/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	94611	ALAMEDA	6.3	Commercial	4/1/21	SOLAR NEGOTIATORS	No		VNEM
PGE-INT-120	PGE	93306	KERN	4.1	Commercial	3/31/21	EVERYDAY ENERGY	Yes	PPA	VNEMMASH
PGE-INT-120	PGE	94566	ALAMEDA	15.3	Commercial	3/31/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE	94941	MARIN	11.6	Commercial	3/31/21	Sunrun	No		VNEMMASH
PGE-INT-120	PGE	94565	CONTRA COSTA	9.3	Commercial	3/30/21	MAC GREINE ENERGY CO	No		NEM-V-ST
PGE-INT-120	PGE	94565	CONTRA COSTA	7.6	Commercial	3/30/21	Spectrum Energy Develop	No		NEM-V-ST

PGE-INT-120	PGE	94583	CONTRA COSTA	6.7	Commercial	3/30/21	Bright Power Inc. DBA BP	Yes	PPA	VNEM
PGE-INT-120	PGE	95618	YOLO	3.1	Commercial	3/30/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE		CONTRA COSTA	5.7	Commercial	3/30/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-119	PGE	94553	CONTRA COSTA	6.2	Commercial	3/24/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE	94025	SAN MATEO	8.0	Commercial	3/23/21	MAC GREINE ENERGY CO	No		NEM-V-ST
PGE-INT-120	PGE	94558	NAPA	3.9	Commercial	3/23/21	Ginder Development	No		NEM-V-ST
PGE-INT-120	PGE		SAN JOAQUIN	9.7	Commercial	3/23/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE	93314	KERN	2.3	Commercial	3/17/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE	95694	YOLO	3.6	Commercial	3/17/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE		SOLANO	3.0	Commercial	3/17/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE		KERN	7.5	Commercial	3/17/21	Spectrum Energy Develop	No		NEM-V-ST
PGE-INT-120	PGE	93614	MADERA	9.6	Residential	3/4/21	Enable Energy Inc	No		VNEM
PGE-INT-120	PGE	95337	SAN JOAQUIN	6.1	Residential	3/4/21	Enable Energy Inc	No		VNEM
SCE-INT-NST	SCE	92590	Riverside	30.4	Commercial	2/26/21	SUNRUN INSTALLATION S	No		MASH-VNM-ST
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	2/25/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	2/25/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	2/25/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	2/25/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	2/25/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93291	Tulare	5.3	Residential	2/25/21	GRID ALTERNATIVES	Yes	Other	DAC-SASH
SCE-INT-NST	SCE	90222	Los Angeles	60.4	Commercial	2/24/21	STATEN SOLAR CORPORA	No		NEM-V-ST
SCE-INT-NST	SCE	90222	Los Angeles	60.4	Commercial	2/24/21	STATEN SOLAR CORPORA	No		NEM-V-ST
SCE-INT-NST	SCE	91764	San Bernardi	2.8	Residential	2/23/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
SCE-INT-NST	SCE	93292	Tulare	4.0	Residential	2/23/21	GRID ALTERNATIVES	Yes	Other	DAC-SASH
SCE-INT-NST	SCE	90277	Los Angeles	15.8	Commercial	2/22/21	MAC GREINE ENERGY CO	No		NEM-V-ST
SCE-INT-NST	SCE	90277	Los Angeles	15.8	Commercial	2/22/21	MAC GREINE ENERGY CO	No		NEM-V-ST
SCE-INT-NST	SCE	92592	Riverside	125.8	Commercial	2/22/21	BRIGHT POWER INC	No		NEM-V-ST
SCE-INT-NST	SCE	93292	Tulare	2.5	Residential	2/22/21	GRID ALTERNATIVES	Yes	Other	DAC-SASH
PGE-INT-118	PGE	95035	SANTA CLARA	16.0	Residential	2/19/21	SUNPOWER CORPORATIO	No		VNEM
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	2/18/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	92592	Riverside	120.9	Commercial	2/17/21	BRIGHT POWER INC	Yes	PPA	NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	2/17/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	2/17/21	Ginder Development	No		NEM-V-ST

SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	2/17/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	2/17/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	2/17/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	2/17/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	2/17/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	90723	Los Angeles	5.3	Residential	2/16/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	2/12/21	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	90220	Los Angeles	3.7	Residential	2/11/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
SCE-INT-NST	SCE	90805	Los Angeles	4.3	Residential	2/9/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
SCE-INT-NST	SCE	92335	San Bernardi	4.7	Residential	2/8/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
SCE-INT-NST	SCE	92503	Riverside	2.5	Residential	2/5/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
SCE-INT-NST	SCE	93291	Tulare	4.6	Residential	2/5/21	GRID ALTERNATIVES	Yes	Other	DAC-SASH
PGE-INT-118	PGE	95451	LAKE	35.3	Commercial	2/5/21	B L H CONSTRUCTION CO	No		VNEMMASH
PGE-INT-118	PGE	95451	LAKE	68.4	Commercial	2/5/21	B L H CONSTRUCTION CO	No		VNEMMASH
PGE-INT-118	PGE	95451	LAKE	72.9	Commercial	2/5/21	B L H CONSTRUCTION CO	No		VNEMMASH
PGE-INT-118	PGE	95451	LAKE	37.8	Commercial	2/5/21	B L H CONSTRUCTION CO	No		VNEMMASH
PGE-INT-118	PGE		LAKE	55.2	Commercial	2/5/21	B L H CONSTRUCTION CO	No		VNEMMASH
SCE-INT-NST	SCE	92376	San Bernardi	2.8	Residential	2/3/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
PGE-INT-119	PGE	93446	SAN LUIS OB	59.6	Commercial	2/3/21	J P ELECTRICAL SOLAR INC	No		VNEMMASH
PGE-INT-119	PGE		SAN LUIS OB	25.3	Commercial	2/3/21	J P ELECTRICAL SOLAR INC	No		VNEMMASH
PGE-INT-119	PGE		SAN LUIS OB	26.2	Commercial	2/3/21	J P ELECTRICAL SOLAR INC	No		VNEMMASH
SCE-INT-NST	SCE	91762	San Bernardi	2.8	Residential	2/2/21	GRID ALTERNATIVES	Yes	PPA	DAC-SASH
PGE-INT-119	PGE	93446	SAN LUIS OB	13.8	Commercial	2/2/21	J P ELECTRICAL SOLAR INC	No		VNEMMASH
PGE-INT-119	PGE	93446	SAN LUIS OB	10.9	Commercial	2/2/21	J P ELECTRICAL SOLAR INC	No		VNEMMASH
PGE-INT-119	PGE	93446	SAN LUIS OB	23.5	Commercial	2/2/21	J P ELECTRICAL SOLAR INC	No		VNEMMASH
SCE-INT-NST	SCE	92509	Riverside	28.2	Commercial	1/29/21	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	92592	Riverside	207.9	Commercial	1/29/21	BRIGHT POWER INC	Yes	PPA	NEM-V-ST
SCE-INT-NST	SCE	92701	Orange	158.8	Non-Profit	1/25/21	CALIFORNIA SOLAR INTEC	No		SOMAH-VNM
SCE-INT-NST	SCE	91730	San Bernardi	118.0	Commercial	1/22/21	EVERYDAY COMMUNICAT	Yes	PPA	SOMAH-VNM
SCE-INT-NST	SCE	91730	San Bernardi	118.0	Commercial	1/22/21	EVERYDAY COMMUNICAT	Yes	PPA	SOMAH-VNM
SCE-INT-NST	SCE	91730	San Bernardi	141.6	Commercial	1/22/21	EVERYDAY COMMUNICAT	Yes	PPA	SOMAH-VNM
SCE-INT-NST	SCE	92509	Riverside	63.1	Commercial	1/19/21	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	93274	Tulare	34.5	Commercial	1/11/21	Ginder Development	No		NEM-V-ST

SCE-INT-NST	SCE	92592	Riverside	129.6	Commercial	1/8/21	BRIGHT POWER INC	Yes	PPA	NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	12/30/20	Ginder Development	No		NEM-V-ST
PGE-INT-119	PGE	95206	SAN JOAQUI	18.2	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	18.2	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	18.2	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	15.4	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	18.2	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	15.4	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	15.4	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	15.4	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
PGE-INT-119	PGE	95206	SAN JOAQUI	15.4	Non-Profit	12/24/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	12/23/20	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	12/23/20	Ginder Development	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	30.5	Commercial	12/23/20	Ginder Development	No		NEM-V-ST
PGE-INT-117	PGE	95127	SANTA CLAR	30.0	Residential	12/22/20	Albion Power Company	No		VNEM
SCE-INT-NST	SCE	93274	Tulare	37.8	Commercial	12/19/20	Ginder Development	No		NEM-V-ST
PGE-INT-118	PGE	94534	SOLANO	82.8	Commercial	12/17/20	SPRECK SOLAR ELECTRIC	No		VNEM
PGE-INT-114	PGE	95133	SANTA CLAR	12.9	Residential	12/11/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95133	SANTA CLAR	8.6	Residential	12/11/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95133	SANTA CLAR	9.6	Residential	12/11/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95133	SANTA CLAR	9.6	Residential	12/11/20	Sunrun	No		VNEMMASH
SCE-INT-NST	SCE	90277	Los Angeles	44.6	Commercial	12/7/20	MAC GREINE ENERGY CO	No		NEM-V-ST
PGE-INT-118	PGE	95035	SANTA CLAR	14.1	Residential	11/25/20	SUNPOWER CORPORATIO	No		VNEM
SCE-INT-NST	SCE	90277	Los Angeles	44.6	Commercial	11/24/20	MAC GREINE ENERGY CO	No		NEM-V-ST
SCE-INT-NST	SCE	92590	Riverside	50.6	Commercial	11/23/20	EVERYDAY COMMUNICAT	No		MASH-VNM-ST
PGE-INT-118	PGE	94102	SAN FRANCIS	17.6	Commercial	11/19/20	GREEN LEAF SOLAR & ELI	Yes	PPA	VNEMMASH
PGE-INT-118	PGE	94102	SAN FRANCIS	16.4	Commercial	11/19/20	GREEN LEAF SOLAR & ELI	Yes	PPA	VNEMMASH
PGE-INT-118	PGE	94102	SAN FRANCIS	13.3	Commercial	11/19/20	GREEN LEAF SOLAR & ELI	Yes	PPA	VNEMMASH
PGE-INT-118	PGE	94117	SAN FRANCIS	17.6	Commercial	11/19/20	GREEN LEAF SOLAR & ELI	Yes	PPA	VNEMMASH
PGE-INT-118	PGE	95503	HUMBOLDT	43.5	Commercial	11/18/20	MCKEEVER ENERGY & ELI	No		VNEM
SCE-INT-501	SCE	93030	Ventura	154.0	Non-Profit	11/2/20	SCOTT AND SONS ELECTR	No		NEM-ST
SCE-INT-NST	SCE	92590	Riverside	37.7	Commercial	10/13/20	EVERYDAY COMMUNICAT	No		MASH-VNM-ST
SCE-INT-NST	SCE	92590	Riverside	41.8	Commercial	10/5/20	EVERYDAY COMMUNICAT	No		MASH-VNM-ST

SCE-INT-NST	SCE	90404	Los Angeles	63.3	Non-Profit	9/30/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE	92590	Riverside	28.4	Commercial	9/29/20	EVERYDAY COMMUNICAT	No		MASH-VNM-ST
SCE-INT-NST	SCE	92590	Riverside	39.2	Commercial	9/29/20	EVERYDAY COMMUNICAT	No		MASH-VNM-ST
SCE-INT-NST	SCE	92590	Riverside	21.5	Commercial	9/29/20	EVERYDAY COMMUNICAT	No		MASH-VNM-ST
SCE-INT-NST	SCE	90802	Los Angeles	531.2	Other Govern	9/2/20	CLARK CONSTRUCTION G	No		NEM-V-ST
SCE-INT-NST	SCE	92239	Riverside	11.6	Residential	9/2/20	ZSolar Energy	No		NEM-V-ST
SCE-INT-NST	SCE	92590	Riverside	14.5	Commercial	8/28/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE	93261	Tulare	42.8	Commercial	8/28/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	93261	Tulare	42.8	Commercial	8/28/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	93261	Tulare	44.8	Commercial	8/28/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
PGE-INT-119	PGE	94509	CONTRA COS	68.3	Commercial	8/26/20	EVERYDAY ENERGY	Yes	PPA	VNEMMASH
PGE-INT-118	PGE	95035	SANTA CLAR	19.7	Residential	8/26/20	SUNPOWER CORPORATIO	No		VNEM
SCE-INT-NST	SCE	92336	San Bernardi	74.1	Residential	8/24/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/24/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	16.8	Non-Profit	8/24/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/24/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/24/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/24/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/24/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93291	Tulare	25.0	Non-Profit	8/24/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	92336	San Bernardi	134.4	Residential	8/19/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Residential	8/19/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/19/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/19/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/19/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/19/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/19/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	93227	Tulare	25.0	Non-Profit	8/19/20	GRID ALTERNATIVES	No		MASH-VNM-ST
SCE-INT-NST	SCE	92590	Riverside	21.3	Commercial	8/18/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
PGE-INT-118	PGE	94702	ALAMEDA	41.1	Residential	8/18/20	Enable Energy	No		VNEM
PGE-INT-118	PGE	94702	ALAMEDA	26.9	Residential	8/18/20	ENABLE ENERGY INC	No		VNEM
SCE-INT-NST	SCE	92590	Riverside	14.5	Commercial	8/11/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE	90404	Los Angeles	76.7	Residential	8/7/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE	90404	Los Angeles	23.3	Residential	8/7/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE	92590	Riverside	21.3	Commercial	8/7/20	HOME ENERGY SYSTEMS	No		NEM-V-ST

SCE-INT-NST	SCE	92590	Riverside	21.6	Commercial	8/7/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE	92590	Riverside	21.3	Commercial	8/5/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE	92590	Riverside	21.3	Commercial	8/5/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE	92590	Riverside	21.3	Commercial	8/5/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE	92590	Riverside	12.5	Commercial	8/5/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
PGE-INT-114	PGE	95206	SAN JOAQUI	17.1	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	20.3	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	17.1	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	20.3	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	20.3	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	20.3	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	17.1	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	20.3	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	17.1	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
PGE-INT-114	PGE	95206	SAN JOAQUI	17.1	Non-Profit	8/5/20	SPECTRUM ENERGY DEVE	No		VNEMMASH Dev
SCE-INT-NST	SCE	92590	Riverside	21.3	Commercial	8/4/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE	92590	Riverside	21.3	Commercial	8/4/20	HOME ENERGY SYSTEMS	No		NEM-V-ST
SCE-INT-NST	SCE		Tulare	38.3	Residential	7/27/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE		Tulare	54.1	Residential	7/24/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE		Tulare	47.1	Residential	7/24/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE		Tulare	17.6	Residential	7/24/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE		Tulare	54.1	Residential	7/24/20	PROMISE ENERGY INC	No		MASH-VNM-ST
PGE-INT-114	PGE	93933	MONTEREY	11.3	Residential	7/22/20	Sunworks	No		VNEMMASH
PGE-INT-114	PGE	93933	MONTEREY	11.0	Residential	7/22/20	Sunworks	No		VNEMMASH
PGE-INT-115	PGE	93905	MONTEREY	301.8	Commercial	7/20/20	Bright Power Inc. DBA BP	Yes	PPA	VNEM
PGE-INT-114	PGE	93933	MONTEREY	22.0	Residential	7/17/20	Sunworks	No		VNEMMASH
PGE-INT-114	PGE	95606	YOLO	51.7	Residential	7/17/20	Talbott Solar	No		VNEM
PGE-INT-114	PGE	95606	YOLO	38.9	Residential	7/17/20	Talbott Solar	No		VNEM
PGE-INT-114	PGE	93933	MONTEREY	14.7	Residential	7/10/20	Sunrun	No		VNEMMASH
SCE-INT-NST	SCE		San Bernardi	940.9	Commercial	7/1/20	SUNWORKS UNITED INC	No		MASH-VNM-ST
SCE-INT-NST	SCE	93274	Tulare	53.2	Residential	6/29/20	PROMISE ENERGY INC	No		MASH-VNM-ST
PGE-INT-118	PGE	95206	SAN JOAQUI	7.8	Non-Profit	6/29/20	SPECTRUM ENERGY DEVE	No		VNEMMASH
SCE-INT-NST	SCE	92683	Orange	37.8	Commercial	6/24/20	SOLIRVINE LLC	No		NEM-V-ST

SDGE-INT-22	SDGE	92037	SAN DIEGO	17.5	Residential	6/23/20	Tag Construction Services	No		NEM-V
SCE-INT-NST	SCE	90505	Los Angeles	77.4	Commercial	6/19/20	PLANET SOLAR INCORPORATION	No		NEM-V-ST
SCE-INT-NST	SCE	93274	Tulare	46.4	Residential	6/18/20	PROMISE ENERGY INC	No		MASH-VNM-ST
SCE-INT-NST	SCE	93274	Tulare	53.2	Residential	6/18/20	PROMISE ENERGY INC	No		MASH-VNM-ST
PGE-INT-115	PGE	95762	EL DORADO	9.5	Non-Profit	6/15/20	Sonray Solar INC	No		VNEMMASH
PGE-INT-115	PGE	95762	EL DORADO	16.1	Non-Profit	6/15/20	Sonray Solar INC	No		VNEMMASH
PGE-INT-115	PGE	95762	EL DORADO	14.3	Non-Profit	6/15/20	SonraySolarINC	No		VNEMMASH
PGE-INT-115	PGE	95762	EL DORADO	16.1	Non-Profit	6/15/20	SonraySolarINC	No		VNEMMASH
SCE-INT-NST	SCE	90404	Los Angeles	22.9	Residential	6/10/20	PROMISE ENERGY INC	No		MASH-VNM-ST
PGE-INT-117	PGE	95035	SANTA CLARA	26.6	Residential	6/10/20	SUNPOWER CORPORATION	No		VNEM
SCE-INT-NST	SCE	93030	Ventura	418.3	Commercial	6/1/20	BRIGHT POWER INC	Yes	PPA	NEM-V-ST
SDGE-INT-24	SDGE	92011	SAN DIEGO	26.3	Residential	5/20/20	Calsolar	No		NEM-V
PGE-INT-115	PGE	94503	NAPA	114.0	Non-Profit	5/15/20	Sun Light & Power	No		VNEMMASH
SCE-INT-NST	SCE	93274	Tulare	37.8	Residential	5/12/20	PROMISE ENERGY INC	No		NEM-ST
SCE-INT-NST	SCE	93274	Tulare	17.3	Residential	5/12/20	PROMISE ENERGY INC	No		NEM-ST
PGE-INT-117	PGE	95070	SANTA CLARA	64.8	Residential	5/4/20	Sun Light & Power	No		VNEMMASH
SCE-INT-NST	SCE	92557	Riverside	11.1	Commercial	4/14/20		No		MASH-VNM-ST
SCE-INT-NST	SCE	92557	Riverside	18.7	Commercial	4/14/20		No		MASH-VNM-ST
SCE-INT-NST	SCE	92557	Riverside	16.7	Commercial	4/14/20		No		MASH-VNM-ST
SCE-INT-NST	SCE	92587	Riverside	19.5	Commercial	4/14/20		No		MASH-VNM-ST
PGE-INT-114	PGE	95695	YOLO	4.8	Residential	3/26/20	Sunworks	No		VNEMMASH
PGE-INT-114	PGE	95076	SANTA CRUZ	17.7	Residential	3/25/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95076	SANTA CRUZ	23.9	Residential	3/25/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95076	SANTA CRUZ	14.5	Residential	3/25/20	Sunrun	No		VNEMMASH
SCE-INT-NST	SCE	93030	Ventura	618.8	Commercial	3/20/20	BRIGHT POWER INC	Yes	PPA	NEM-ST
PGE-INT-115	PGE	94541	ALAMEDA	14.4	Residential	3/20/20	Enable Energy Inc	No		VNEM
SCE-INT-NST	SCE	93036	Ventura	400.0	Commercial	3/16/20	BRIGHT POWER INC	Yes	PPA	NEM-ST
SCE-INT-NST	SCE	91730	San Bernardino	124.9	Commercial	3/13/20	EVERYDAY COMMUNICATIONS	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	91730	San Bernardino	92.8	Commercial	3/13/20	EVERYDAY COMMUNICATIONS	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	91730	San Bernardino	104.6	Commercial	3/13/20	EVERYDAY COMMUNICATIONS	Yes	PPA	MASH-VNM-ST
PGE-INT-117	PGE	93704	FRESNO	128.5	Non-Profit	3/12/20	Source Solar, Inc.	No		VNEM
SCE-INT-NST	SCE	92394	San Bernardino	75.5	Commercial	3/9/20	EVERYDAY COMMUNICATIONS	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	92394	San Bernardino	87.7	Commercial	3/9/20	EVERYDAY COMMUNICATIONS	Yes	PPA	MASH-VNM-ST

SCE-INT-NST	SCE	92394	San Bernardi	88.7	Commercial	3/9/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	92410	San Bernardi	104.6	Commercial	2/28/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	92410	San Bernardi	126.4	Commercial	2/28/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	93010	Ventura	9.4	Non-Profit	2/26/20	SPECTRUM ENERGY DEVE	No		NEM-ST
SCE-INT-NST	SCE	93010	Ventura	18.8	Non-Profit	2/26/20	SPECTRUM ENERGY DEVE	No		NEM-ST
PGE-INT-117	PGE	94086	SANTA CLAR	27.1	Non-Profit	2/26/20	SUN LIGHT & POWER	No		VNEMMASH
PGE-INT-114	PGE	93309	KERN	198.7	Commercial	2/24/20	REC Solar Commercial Co	No		VNEM
PGE-INT-114	PGE	93309	KERN	748.5	Commercial	2/24/20	REC Solar Commercial Co	No		VNEM
PGE-INT-116	PGE	93730	FRESNO	55.2	Commercial	2/19/20	Valley Unique	No		VNEM
PGE-INT-116	PGE	93730	FRESNO	55.2	Commercial	2/19/20	Valley Unique Electric	No		VNEM
PGE-INT-116	PGE	93730	FRESNO	55.2	Commercial	2/19/20	Valley Unique Electric	No		VNEM
PGE-INT-116	PGE	94509	CONTRA COS	73.8	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	81.0	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	71.0	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	84.8	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	82.5	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	58.8	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	75.6	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	47.7	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	86.2	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	80.8	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	86.2	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
PGE-INT-116	PGE	94509	CONTRA COS	77.3	Commercial	2/19/20	Omni Energy	Yes	PPA	VNEMMASH
SCE-INT-NST	SCE	92410	San Bernardi	69.6	Commercial	2/18/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
SCE-INT-NST	SCE	92410	San Bernardi	48.5	Commercial	2/18/20	EVERYDAY COMMUNICAT	Yes	PPA	MASH-VNM-ST
PGE-INT-114	PGE	95695	YOLO	8.0	Residential	2/10/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95695	YOLO	12.9	Residential	2/10/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95695	YOLO	8.0	Residential	2/10/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95695	YOLO	10.2	Residential	2/10/20	Sunrun	No		VNEMMASH
PGE-INT-114	PGE	95695	YOLO	8.0	Residential	2/10/20	Sunrun	No		VNEMMASH
PGE-INT-116	PGE	93730	FRESNO	55.2	Commercial	2/7/20	Valley Unique Electric	No		VNEM
SCE-INT-NST	SCE	93010	Ventura	5.0	Non-Profit	2/6/20	SPECTRUM ENERGY DEVE	No		NEM-ST
PGE-INT-117	PGE	95688	SOLANO	41.5	Commercial	2/4/20	Cool Earth Solar Developn	No		VNEM

SCE-INT-NST	SCE	92592	Riverside	10.1	Non-Profit	1/23/20	GRID ALTERNATIVES	No		NEM-ST
SCE-INT-NST	SCE	92592	Riverside	10.1	Commercial	1/23/20	GRID ALTERNATIVES	No		NEM-ST
SCE-INT-NST	SCE	92592	Riverside	10.1	Commercial	1/23/20	GRID ALTERNATIVES	No		NEM-ST
PGE-INT-115	PGE	95133	SANTA CLAR	20.2	Residential	1/23/20	Energy Omni	No		VNEMMASH
PGE-INT-117	PGE	95133	SANTA CLAR	25.1	Commercial	1/23/20	Everyday Energy	Yes	PPA	VNEMMASH
PGE-INT-115	PGE	95133	SANTA CLAR	20.2	Residential	1/23/20	Omni Energy	No		VNEMMASH
SCE-INT-NST	SCE	92562	Riverside	25.7	Commercial	1/17/20	EVERYDAY COMMUNICAT	Yes	Lease	MASH-VNM-ST
SCE-INT-NST	SCE	92562	Riverside	28.2	Commercial	1/17/20	EVERYDAY COMMUNICAT	Yes	Lease	MASH-VNM-ST
SDGE-INT-20	SDGE	92078	SAN DIEGO	19.1	Residential	1/13/20	Omni Energy	No		VNM-A-ST
SDGE-INT-20	SDGE	92078	SAN DIEGO	19.1	Residential	1/13/20	Omni Energy	No		VNM-A-ST
SDGE-INT-20	SDGE	92078	SAN DIEGO	19.1	Residential	1/13/20	Omni Energy	No		VNM-A-ST
PGE-INT-118	PGE	93446	SAN LUIS OB	124.1	Commercial	1/13/20	J P ELECTRICAL SOLAR INC	No		VNEMMASH
SCE-INT-NST	SCE	92562	Riverside	32.5	Commercial	1/9/20	EVERYDAY COMMUNICAT	Yes	Lease	MASH-VNM-ST