

	Original
Cancelling	

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

37847-E

ELECTRIC SCHEDULE NEM2VMSH Sheet 1 VIRTUAL NET ENERGY METERING FOR MULTIFAMILY AFFORDABLE HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S) This virtual net energy-metering schedule is applicable to Customers, who **APPLICABILITY:** (N) operate (a) solar generator in parallel with PG&E's electric system, all on the same Premises (or meeting the requirements in c.) for: an existing building or buildings that received incentives under PG&E's a. California Solar Initiative (CSI) Multifamily Affordable Solar Housing (MASH) Program¹, or new, "Affordable Housing" consisting of one or more buildings that received incentives under the New Solar Homes Partnership (NSHP)² Program in b. PG&E's service territory, or Customers that meet the requirements of provisions "a" or "b" above except C. for the single Customer Service Delivery Point restriction may alternatively elect to serve Accounts located at multiple Customer Service Delivery Points within their "Eligible Low Income Development" so as to fully utilize their solar generator(s) also sited within their "Eligible Low Income Development." Customers on this Schedule NEM2VMSH will be covered under Special Condition 9, NEM2 Grandfathering Provisions, in Schedule NEM2. Pursuant to CPUC Decision 08-10-036, "The MASH Program is targeted at existing multifamily affordable housing that meets the definition of low-income residential housing set forth in Pub. Util. Code 2852. Specifically, this means multifamily housing financed with low-income housing tax credits, tax-exempt mortgage revenue bonds, general obligation bonds, or local, state or federal loans or grants. The housing must also meet the definition of low-income households in Health and Safety Code 50079.5 (p. 6). Under the MASH program, the portion of the system offsetting common area load would receive Track 1A incentives, and the portion offsetting tenant load would receive Track 1B incentives." Pursuant to Public Resources Code 25401.6, to be eligible as a NSHP "affordable housing" means: a. In its administration of Section 25744, the Commission shall establish a separate rebate for eligible distributed emerging technologies for affordable housing projects including, but not limited to, projects undertaken pursuant to Section 50052.5, 50053, or 50199.4 of the Health and Safety Code. In establishing the rebate, where the Commission determines that the occupants of the housing shall have meters, the Commission may adjust the amount of the rebate based on the capacity of the system, provided that a system may receive a rebate only up to 75 percent of the total installed costs. The Commission may establish a reasonable limit on the total amount of funds dedicated for purposes of this section; b. It is the intent of the Legislature that this section fulfills the purpose of paragraph (5) of subdivision (b) of Section 25744. (N) (Continued) Advice Letter No: 4980-E Issued by Date Filed December 16, 2016 Decision No. 16-01-044 Steven Malnight Effective December 16, 2016

Senior Vice President

Regulatory Affairs

Resolution No.



	Original
Cancelling	

Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

				
AI		ELECTRIC SCHEDULE NEM2VM L NET ENERGY METERING FOR M IOUSING (MASH/NSHP) WITH SOL	IULTIFAMILY	Sheet 2 R(S)
APPLICABILITY (Cont'd.)	apparatus e parcels of la public thoro	Low Income Development" is defined as employed in a single low income housing and. These parcels may be divided by a bughfare or railway, so long as they are o same single low income housing enterpri	g enterprise on cont dedicated street, h otherwise contiguou	tiguous I ighway or I us and I
		three options a. through c. above is refe w Income Facility."	erred to in this tariff	as a l
	related to n (ESPs) and	emental billing and metering costs set for et energy metering are applicable to Ele Community Choice Aggregators (CCA's ant (as defined below in the Applicability,	ctric Service Provic s) serving a Custon	lers I ner with a I
	Account, wl In addition, does not pr PG&E, is ol	e is not applicable to a Direct Access (DA here the Customer's ESP does not offer if the Customer participates in direct tran ovide distribution service for the direct tr bligated to provide virtual net energy me nousing to the Customer.	a net energy meter nsactions with an E ansactions, the ES	ring tariff. I SP that I P, and not I
	NEM2VMS provide PG	H is available to Customers with an Eligi &E with:	ble Low Income Fa	cility that
	descrik	pleted NEM2VMSH application and inter bed in Special Condition 3, including all s ed payments; AND		
	b. eviden having	ce of the final inspection clearance from jurisdiction over the Solar Generating F	the governmental acility;	authority I
	until all fund	ds available for the incentives have been	allocated.	
		e available funds have been allocated, S ew customers.	cheduleNEM2VMS	H will be I
	requiremen and estimat determined These gene	Size – Size the generator(s) no larger th ts of all eligible account types of the pas ted requirements of new housing. Specif by the relevant incentive program (MAS erator size limits apply to all Eligible Low by actually receive MASH or NSHP incer	st year for existing h fic size limit details SH or NSHP) handb Income Developm	will be I books. I
				(Continued)
Advice Letter No:	4980-E	Issued by	Date Filed	December 16, 201

2C9

Decision No.

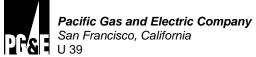
Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No.



	Original
Cancelling	

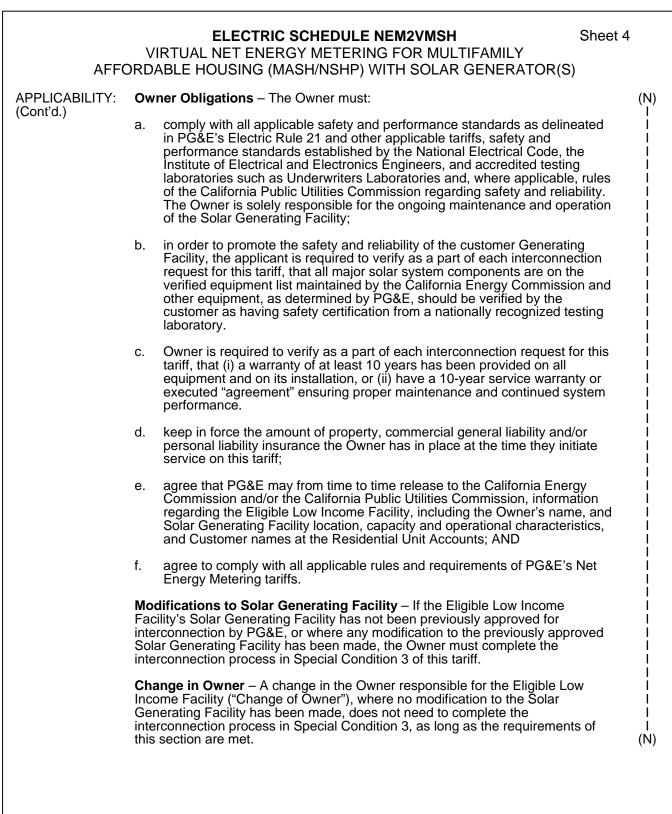
		CTRIC SCHEDULE NEM		Sheet 3	3
AFF	ORDABLE HOUSI	NG (MASH/NSHP) WITH	SOLAR GENERATO	R(S)	
APPLICABILITY: (Cont'd.)	PG&E has a netwo	itations – Portions of San rk grid, have generation ex interconnections in San Fra nning any work.	port limitations. Custome	ers	(N)
	Account Types – are covered by this	Three types of Accounts in tariff:	an Eligible Low Income	Facility	
	generation (So the Eligible Lo is the PG&E C than that requ	<u>count</u> – the Account(s) whe olar Generating Facilities ³) w Income Facility owner or Customer. The Generator A ired by the Solar Generatin art of a Common Area Acco	are interconnected and f a party they designate (ccount must have no loa g Facility itself and must	"Owner"), d other	
		<u>a Account</u> – each load-only hich the Owner is the PG&		area, if	
	c. <u>Residential Ur</u> located in the PG&E Custon	<u>nit Account</u> – each load-onl Eligible Low Income Facilit ner.	y account for a residentia y, and for which an occu	al unit pant is the	
	Facility load or as o	ncludes load, except one th otherwise provided in NEM2 ccount". All accounts must t le. ^{4,5}	2VMSH, is referred to as	a	
		ount and the Benefitting Acar ariff as a "NEM2VMSH Arra		D	
	date of the original Facility subject to C terminated. As prov NEM2VMSH may r	ntinue to take service on th interconnection of their Re Commission jurisdiction if th vided in D.14-03-41, any cu remain on this tariff for 20 y their Solar Generating Facil	newable Electrical Gene e NEM2MSH Arrangemo istomer that switches fro ears from the original ye	ration ent is not m the	
		033, as modified by D.16-0			
 be interconnector D.14-05-33. Customers on S Rate, are not re Customers, inclution Tustomers, inclution 	ed under this tariff, si Schedules such as E quired to switch to To uding those at Resid H are required to take	T, ES, and ESR, which hav OU rates, unless and until s ential Unit Accounts, switch any applicable TOU rate, sor tariff, pursuant to D.14-	sizing requirements spec e no available correspon such a rate becomes ava ning from Schedule NEM beginning at the time the	ified in ding TOU ilable. VMASH to e customer	 (N)
				(Contin	•
	980-F	Issued by	Date Filed	December	acu)

Advice Letter No:4980-EDecision No.16-01-044



Advice Letter No: 4980-E Decision No. 16-01-044 Date Filed Effective Resolution No. (Continued)

December 16, 2016 December 16, 2016



Cal. P.U.C. Sheet No.

Cal. P.U.C. Sheet No.

Original

Cancelling



	Original
Cancelling	

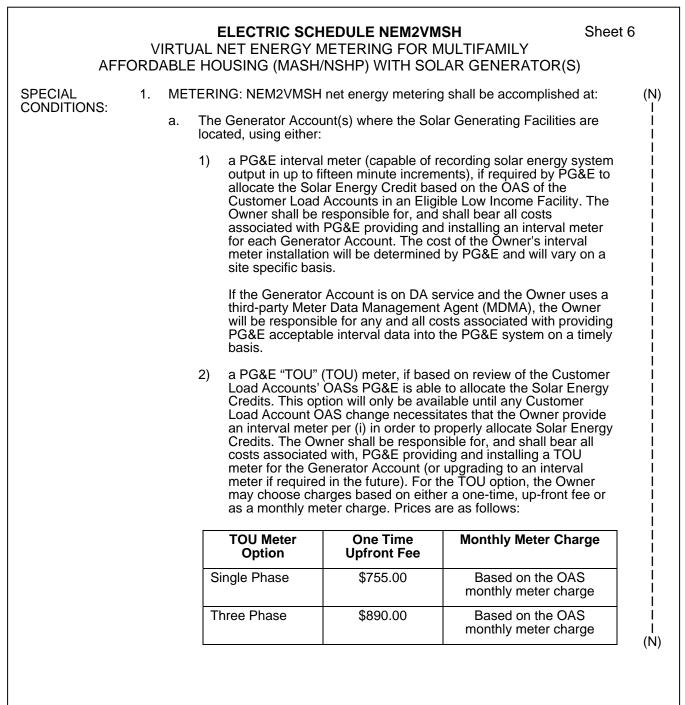
Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No. 37851-E

	ELECTRIC SCHEDULE NEM2VMSH Shee VIRTUAL NET ENERGY METERING FOR MULTIFAMILY AFFORDABLE HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S)	et 5
RATES:	The rate and charges at each Customer Load Account and the Generator Account under this schedule will be in accordance with its PG&E otherwise- applicable metered rate schedule (OAS). The customer at each Customer Load Account or Generator Account served under this schedule is responsible for all charges from its TOU OAS including monthly minimum charges, customer charges, meter charges, facilities charges, demand charges, surcharges and non bypassable charges.	(N)
	For Generator and Common Area Accounts on general service OASs, the "Average Rate Limiter" and all other demand charges will be based on the demand in kilowatts as measured only on the energy being consumed at the Common Area Account or Generator Account from PG&E. The power factor, when it applies on the OAS, will be based on the energy consumed at the Account from PG&E and the average power factor over the past 12 billing months of operation prior to starting on NEM2VMSH. A Generator or Common Area Account, without 12 billing months of power factor history, will have its power factor estimated based on the nature of the connected loads and their hours of operation. Power factor will be subsequently applied to the bill at the Generator or Common Area Account until the customer demonstrates to PG&E's satisfaction that adequate correction had been provided. PG&E will continue to monitor and review the power factor and if warranted, change the power factor correction on the Generator or Common Area Account's bills.	
	Charges for energy (kWh) supplied to a Load Account by PG&E, an ESP or a CCA, as applicable, will be calculated in accordance with Billing (Special Condition 2, below).	
	For each Service Account, the energy rates and customer charges will be in accordance with their OAS. For a DA or a CCA Service Customer Load Account being billed under Consolidated PG&E Billing service, the ESP or CCA is responsible for providing the billing information regarding the applicable generation related bill charges or credits to PG&E on a timely basis.	
	Generator Accounts eligible for service under NEM2VMSH are exempt from the requirements of Schedule S – <i>Standby Service</i> .	
	PG&E rates and rate design, including the rates and rate design reflected in this Tariff, are subject to change from time to time. Customers should take this into consideration when making any long term decisions based on rate structures that are currently in place.	
	Residential Customers on this tariff, who are required to take TOU rates prior to the implementation of default TOU rates for residential customers, and who are on any TOU rate (including a TOU pilot rate) prior to the implementation of default residential TOU rates, have the option to stay on that TOU rate for a period of five years from the date the customer commences the TOU rate.	 (N
	(Co	ontinued)

Advice Letter No: 4980-E Decision No. 16-01-044

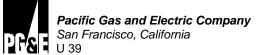


	Original
Cancelling	



December 16, 2016

Date Filed Effective Resolution No.



	Original
Cancelling	

AFF			ELECTRIC SCHEDULE NEM2VMSH Sheet JAL NET ENERGY METERING FOR MULTIFAMILY E HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S)	7
SPECIAL	1.	ME	TERING: (Cont'd.)	(N)
CONDITIONS: (Cont'd.)			If the Generator Account has any load in addition to that of the solar energy system inverter(s), PG&E reserves the right to require the Owner to install a bi-directional PG&E meter appropriate to its otherwise applicable rate schedule and a generator output meter to determine the total generation and total usage at the Account. Additionally, the Owner will need to furnish at the Owner's expense a meter socket for the generation output meter and provide PG&E with unrestricted access to that meter and socket. If the Generator Account's existing electrical meter, together with the generation output meter, is not capable of determining the total usage necessary to bill its otherwise applicable rate schedule, the Owner shall be responsible for all expenses involved in purchasing and installing such metering.	
		b.	Each Common Area Account, if any exist, using PG&E metering appropriate to its TOU otherwise applicable rate schedule.	
		C.	Each Residential Unit Account using PG&E metering appropriate to its TOU otherwise applicable rate schedule.	
	2.	BIL	LING:	ļ
		For valu	each Customer Load Account, Consumption or production shall be led as follows:	
		a.	Annual Solar Energy Credit	ļ
			The Annual Solar Energy Credit is the total energy (in kilowatt hours or kWh as read on the generation output meter over the Relevant Period as defined in Special Condition 2.h.	
		b.	The Annual Solar Energy Credit Allocation	ļ
			The Owner at the time the Eligible Low Income Facility first takes service under NEM2VMSH shall determine the initial percentage of Annual Solar Energy Credits allocated to the Common Area Account(s) versus the Residential Unit Accounts. This allocation shall remain fixed for at least five years, regardless of a Change in Owner. If incentives are received under the MASH program, the initial credit allocation must match the percentage of MASH incentive received for Track 1a (Common Area load offset) and Track 1b (Residential load offset). Any allocation error caused by the owner will be corrected prospectively.	- - - - - (N)
			(Conti	nued)

Advice Letter No: 4980-E Decision No. 16-01-044 Date Filed Effective Resolution No.



	Original
Cancelling	

	Sheet 8 TOR(S)
BILLING: (Cont'd.)	(N)
b. The Annual Solar Energy Credit Allocation (Cont'd.)	
After the initial five year period, the Owner may only mod allocation once in any 12 month period. A reallocation of credit becomes effective for each Customer Load Accound day of the next Billing Cycle where the Billing Cycle start at least five business days after the date of the Owner's p	the solar I nt on the first I date occurs I
Any measured usage at the Generator Account over and required by the Solar Generating Facility itself, will be tre Common Area Account usage for the purposes of the An Energy Credit Allocation and for billing.	ated as if it is I
For the Residential Unit Accounts, the percentage of sola credits (in kWh) allocated to each Residential Unit Accou proportion to the relative size of each unit, consistent with in which affordable housing rents are established. This s percentage will be established initially by the Owner on A the NEM2VMSH application and interconnection agreem described in Special Condition 3. Allocations will be roun nearest 100th of a percent.	Int will be in I h the manner I olar allocation I Appendix A of I lient as I
If there are multiple Common Area Accounts, the Owner each Common Area Account allocation on Appendix A or NEM2VMSH application and interconnection agreement in Special Condition 3.	f the I
Once allocated, Credits (in dollars) will be calculated per each bundled service. Customer Load Account as descri Condition 2.c. For a DA or CCA Service Benefitting Acco will be calculated by the ESP or CCA in accordance with CCA's program corresponding to NEM2VMSH.	bed in Special I ount, the credit I
	 VIRTUAL NET ENERGY METERING FOR MULTIFAMILY RDABLE HOUSING (MASH/NSHP) WITH SOLAR GENERA BILLING: (Cont'd.) b. <u>The Annual Solar Energy Credit Allocation (Cont'd.)</u> After the initial five year period, the Owner may only mod allocation once in any 12 month period. A reallocation of credit becomes effective for each Customer Load Accound day of the next Billing Cycle where the Billing Cycle start at least five business days after the date of the Owner's in Any measured usage at the Generator Account over and required by the Solar Generating Facility itself, will be tree Common Area Account usage for the purposes of the Ar Energy Credit Allocation and for billing. For the Residential Unit Accounts, the percentage of sola credits (in kWh) allocated to each Residential Unit Accound proportion to the relative size of each unit, consistent with in which affordable housing rents are established. This s percentage will be established initially by the Owner on A the NEM2VMSH application and interconnection agreem described in Special Condition 3. Allocations will be roun nearest 100th of a percent. If there are multiple Common Area Accounts, the Owner each Common Area Account allocation on Appendix A o NEM2VMSH application and interconnection agreement in Special Condition 3. Once allocated, Credits (in dollars) will be calculated per each bundled service. Customer Load Account as descri Condition 2.c. For a DA or CCA Service Benefiting Accound will be calculated by the ESP or CCA in accordance with

Advice Letter No: 4980-E Decision No. 16-01-044 Date Filed Effective Resolution No. December 16, 2016 December 16, 2016

(Continued)



	Original
Cancelling	

1						
	AFF			ELECTRIC SCHEDULE NEM2VMSH JAL NET ENERGY METERING FOR MULTIFAMILY E HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S	Sheet 9	1
	SPECIAL	2.	BILI	_ING: (Cont'd.)		(Ņ)
	CONDITIONS: (Cont'd.)		C.	Monthly Energy Charge/Credit For an OAS with Baseline Rates		ļ
				A Customer is a net consumer if the Customer Load Account(s) Energy Allocation percentage (SA%) times the solar generator(s output (in kWh) is less than the Customer's usage (Customer us and its net consumption in kWh is equal to:	s)'	
				Customer usage – (SA% x solar generator(s)' output) = net consu	umption	
				Otherwise the Customer Load Account is a net producer and its production in KWh is equal to:	net	
				(SA% x solar generator(s)' output) – Customer usage = net produ	iction	ļ
				If the bundled Customer is a net consumer, the Customer Load Account will be billed for its net consumption in accordance with Customer Load Account's OAS, except for the non-bypassable (NBC) calculation addressed in 2.e.	the charge	
				If the bundled Customer is a net generator, the net production sl valued at the rate for the kWh up to the baseline quantity, with a excess kWh generated, valued at the rate for the appropriate tie in which the equivalent kWh of usage would fall. These credits, i do not reduce the charges from the NBC calculation addressed	ny er level if any,	
				For a DA or CCA Service Customer Load Account, Generation F Component credits, if any, do not reduce the charges owed to P for energy supplied to the eligible customer-generator, nor do th reduce the NBC calculation in 2.e.	'G&E	i I I (N)
					(Continu	ued)

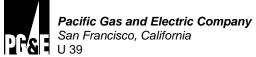
Date Filed Effective Resolution No.



	Original
Cancelling	

AFF			ELECTRIC SCHEDULE NEM2VMSH Sh JAL NET ENERGY METERING FOR MULTIFAMILY E HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S)	eet 10
SPECIAL	2.	BIL	LING: (Cont'd.)	(N)
CONDITIONS: (Cont'd.)		d.	Monthly Energy Charge/Credit For an OAS with TOU (TOU)	
			A Customer is a net consumer for a discrete TOU period if the Customer Load Account's Solar Energy Allocation Percentage (SA ⁴ times the solar generator output (in kWh) for that TOU period (TOU solar generator output) is less than the Customer's usage (Custome TOU usage) for the TOU period, and its net consumption in kWh is equal to	I
			Customer TOU usage – (SA% x TOU solar generator output) = net consump	tion I
			Otherwise the Customer is a net producer and its net production in KWh is equal to:	
			(SA% x TOU solar generator output) – Customer TOU usage = net productio	n l
			Any net consumption or net production shall be valued monthly as follows:	
			If the bundled Customer is a net consumer during any discrete TC period, the net consumption shall be billed in accordance with the same TOU period in the Customer Load Account's OAS, except f the NBC calculation addressed in 2.e.	at I
			If the bundled Customer is a net generator during any discrete TC period, the net production shall be valued at the price per kWh at same TOU period in the Customer Load Account's OAS.	DU I the I I
			For bundled service Qualified customers on tiered rates, in the even that at the end of the monthly billing cycle, a Customer's net consumption (kWh) for all TOU periods totals zero (i.e. net producti in one or more periods exactly offsets the net consumption in all oth periods), then the value of usage and/or generation will be calculate using Tier 1 rates (as set forth in the OAS).	on I ner I
			For a DA or CCA Service Customer Load Account, Generation Rate Component credits, if any, do not reduce the charges owed to PG& for energy supplied to the eligible customer-generator including the NBC calculation addressed in 2.e.	E I
				(Continued)

Advice Letter No: 4980-E Decision No. 16-01-044 Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No.



11C9

Date Filed Effective Resolution No. (Continued)

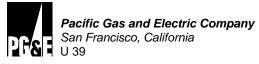
AFF PECIAL CONDITIONS: Cont'd.)	ORDABL	ELECTRIC SCHEDULE NEM2VMSH Sheet 1 JAL NET ENERGY METERING FOR MULTIFAMILY E HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S)	1
ONDITIONS:	2 BII		
Cont'd.)	Z. DIL	LING: (Cont'd.)	(N) I
	e.	Non-Bypassable Charges	
		Customers on this tariff must pay all non-bypassable charges pursuant to D.16-01-044 and Resolution E-4792 in each metered interval for each kilowatt-hour of electricity they consume from the grid. For the purposes of this tariff, the relevant non-bypassable charges are Public Purpose Program (PPP), Nuclear Decommissioning (ND), Competitive Transition Charges (CTC) and Department of Water Resources bond charges (DWR Bond) (NBCs). NBCs shall be assessed only on the kilowatt hours consumed in each metered interval, except as provided in Special Condition 5.	
	f.	For an OAS with monthly Minimum Charges	
		Eligible Customer Load Accounts taking service on a residential OAS, that are billed annually for net energy consumed, shall owe only the delivery minimum bill amount monthly, which shall be assigned as distribution revenue. The energy (kWh) related component shall be treated in the same manner as energy (kWh) consumed, as described in Special Condition 2.h below, unless otherwise provided for in the Customer Load Account's OAS.	
		For all bundled service residential and Small Customer Load Accounts, the net balance of all moneys owed for the net energy (kWh) consumed must be paid on each monthly billing cycle, unless the customer opts to pay annually. (Customer Load Accounts other than those on residential and Small Commercial must pay monthly.) When bundled service Customer Load Accounts are a net electricity producer over a monthly billing cycle, the value of any excess kWh generated during the billing cycle shall be carried over to the following billing period and appear as a credit on the Customer's account, until the end of the Relevant Period.	
		For DA and CCA Service Customer Load Accounts, applicable Generation Rate Components charges or credits will be calculated by the ESP or CCA and treated in accordance with the ESP's or CCA's program corresponding to NEM2VMSH.	
	g.	Relevant Period	ļ
		A Relevant Period consists of any twelve monthly billing cycles commencing on the date PG&E provides the Owner with PG&E's written approval to begin parallel operation of the Solar Generating Facility for purposes of participating in NEM2VMSH, and on every subsequent anniversary thereof.	- - - - (N)



	Original
Cancelling	

AFF			ELECTRIC SCHEDULE NEM2VMSH Sheet 1 JAL NET ENERGY METERING FOR MULTIFAMILY E HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S)	2
SPECIAL	2.	BIL	LING: (Cont'd.)	(N)
CONDITIONS: (Cont'd.)		g.	Relevant Period (Cont'd.)	
			If a Customer Load Account terminates service with PG&E or there is a change of party at a Customer Load Account, prior to the end of any 12 monthly billing cycles, the Relevant Period for that Customer Load Account will consist of that period from the anniversary date until the effective date of that termination or Change of Party. If service to a Customer Load Account with an ESP or CCA terminates, or experiences a change in ESP or CCA prior to the end of any 12 monthly billing cycles the Relevant Period will consist of that period from the anniversary date until the effective date of that termination or ESP or CCA change.	
			The subsequent customer after a Change of Party at a Customer Load Account will start a new Relevant Period commencing on the date the new Customer takes service under this rate, and every subsequent anniversary thereafter.	
			On a going forward basis, the Owner may elect to reallocate the Annual Solar Energy Credit Allocation assigned to a Residential Unit Account that is no longer able to be occupied. In order to elect this option, the Owner must submit adequate evidence to PG&E, at PG&E's sole discretion, to substantiate the unit's uninhabitable status. In order to initiate a reallocation if no new customer takes service in the Residential Unit, the Owner must submit a revised Appendix A described in Special Condition 3. A reallocation of the solar energy credit becomes effective for each Customer Load Account on the first day of the next Billing Cycle where the Billing Cycle start date occurs at least five business days after the date of the Owner's request. The Owner must leave this reallocation in place for at least 12 months. This will result in a reallocation only to the Residential Unit Accounts as provided for in Special Condition 2.b, except the unoccupied unit will not be included in the calculation. There will be no change to any of the remaining Customer Load Account's existing Relevant Period.	
			If an Owner terminates service under this rate schedule for the Eligible Low Income Facility prior to the end of any 12 monthly billing cycle, then the Relevant Period for all Load Accounts will end as described in the previous paragraph upon reaching the effective date of the service termination.	
			If there is a Change of Owner for an Eligible Low Income Facility prior to the end of any 12 monthly billing cycle, the Relevant period for the Owner's Load Accounts will end. The new Owner's Load Accounts will automatically be placed in service under this rate schedule and begin a new Relevant Period. However, existing Residential Units will not begin a new Relevant Period.	 (N)
			(Conti	nued)

Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No.



	Original
Cancelling	

A tru the e Whe Bunc Acco servi acco relev other unbu from Whe Bunc accu great equa resid Bunc accu than charg If the Servi charg For a Com for ei If a C	 vant Period (Cont'd.) e up is performed by PG&E, and/or ESP or CCA, as applicable, at and of each Relevant Period for each Customer Load Account. re the residential minimum bill applies at the true up for a alled, DA/CCA, or Transitional Bundled Service Customer Load bunt, the Customer will not owe any additional amount for delivery ces. The total delivery minimum bill amount will be unbundled for unting purposes based on the net energy consumed over the rant period using the non-generation rates described in the rwise applicable rate schedule, except for NBC's which will be unded for accounting purposes based on total energy consumed the grid. re the residential delivery minimum bill applies at the true up for a filed or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount al to the accumulated net generation charges over the relevant period are ter than zero, no credit for accumulated net generation charges over the relevant period are ter generation charges over the relevant period are ter than zero, no credit for accumulated net generation generation charges. Where the ential delivery minimum bill amount applies at the true up for a filed or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are less or equal to zero, no credit for accumulated net generation generatio
Cont'd.) g. <u>Relev</u> A tru the e Whe Bunc Acco servi acco relev other unbu from Whe Bunc accu great equa resid Bunc accu than charg If the Servi charg is the modi PG& For a Com for ei	e up is performed by PG&E, and/or ESP or CCA, as applicable, at and of each Relevant Period for each Customer Load Account. The the residential minimum bill applies at the true up for a dled, DA/CCA, or Transitional Bundled Service Customer Load ount, the Customer will not owe any additional amount for delivery ces. The total delivery minimum bill amount will be unbundled for unting purposes based on the net energy consumed over the rant period using the non-generation rates described in the rwise applicable rate schedule, except for NBC's which will be undled for accounting purposes based on total energy consumed the grid. The the residential delivery minimum bill applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount all to the accumulated net generation charges. Where the lential delivery minimum bill applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount all to the accumulated net generation charges. Where the lential delivery minimum bill amount applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are less or equal to zero, no credit for accumulated net generation ges will be applied to the amount owed by the Qualified Customer.
the e Whe Bunc Acco servi acco relev other unbu from Whe Bunc accu great equa resid Bunc accu than charg If the Servi charg is the modi PG& For a Com for ei	and of each Relevant Period for each Customer Load Account. re the residential minimum bill applies at the true up for a dled, DA/CCA, or Transitional Bundled Service Customer Load bunt, the Customer will not owe any additional amount for delivery ces. The total delivery minimum bill amount will be unbundled for unting purposes based on the net energy consumed over the ant period using the non-generation rates described in the rwise applicable rate schedule, except for NBC's which will be indled for accounting purposes based on total energy consumed the grid. re the residential delivery minimum bill applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount il to the accumulated net generation charges. Where the ential delivery minimum bill amount applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount il to the accumulated net generation charges. Where the ential delivery minimum bill amount applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are less or equal to zero, no credit for accumulated net generation ges will be applied to the amount owed by the Qualified Customer. e Customer Load Account is taking service under DA or CCA
Bunc Acco servi acco relev other unbu from Whe Bunc accu great equa resid Bunc accu than charg If the Servi charg is the modi PG& For a Com for ei If a O	dled, DA/CCA, or Transitional Bundled Service Customer Load bunt, the Customer will not owe any additional amount for delivery ces. The total delivery minimum bill amount will be unbundled for unting purposes based on the net energy consumed over the rant period using the non-generation rates described in the rwise applicable rate schedule, except for NBC's which will be undled for accounting purposes based on total energy consumed the grid. The the residential delivery minimum bill applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount of the accumulated net generation charges. Where the lential delivery minimum bill amount applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount of the accumulated net generation charges. Where the lential delivery minimum bill amount applies at the true up for a dled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are less or equal to zero, no credit for accumulated net generation ges will be applied to the amount owed by the Qualified Customer.
Bunc accu great equa resid Bunc accu than charg If the Servi charg is the modi PG& For a Com for ei	Alled or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are ter than zero, the Qualified Customer will also owe an amount al to the accumulated net generation charges. Where the lential delivery minimum bill amount applies at the true up for a died or Transitional Bundled Service Benefitting Account, and the mulated net generation charges over the relevant period are less or equal to zero, no credit for accumulated net generation ges will be applied to the amount owed by the Qualified Customer.
Servi charg is the modi PG& For a Com for ei If a C	
Com for ei If a C	ice, separate true-ups will be calculated for the applicable PG&E ges and credits and the ESP or CCA charges and credits. If PG&E e electric commodity service provider, this condition may be fied where the customer has signed a contract to sell electricity to E.
	a DA or CCA Service Customer Load Account, Generation Rate ponent credits, if any, do not reduce the charges owed to PG&E nergy supplied to that Customer Load Account.
	Customer Load Account's Relevant Period ends under any of the mstances described in 2.f above:
1)	The Customer will pay all charges owed at that time;
,	No payments shall be made for credits remaining after the true- up;
energ back the F	ever, in the event the Customer Load Account's allocation of gy (kWh), generated at the associated Generator Account and fed to the electric grid, exceeds the energy (kWh) consumed during Relevant Period, compensation shall be made for the excess gy (kWh) as described in Special Condition 4.



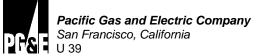
o ""	Original
Cancelling	

			ELECTRIC SCHEDULE NEM2VMSH Sheet 1 JAL NET ENERGY METERING FOR MULTIFAMILY	4
			E HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S)	
SPECIAL CONDITIONS:	2.		LING: (Cont'd.)	(
(Cont'd.)		h.	Billing Information	
			A true up is performed by PG&E, and/or ESP or CCA, as applicable, at the end of each Relevant Period for each Customer Load Account.	
		i.	OAS Payment Option	
			Eligible Small Customer (as defined in Rule 1) Customer Load Accounts will be required to pay monthly, unless they specifically request to pay annually, for the net energy (kWh) consumed. For commercial Common Area Accounts other than Small Commercial, the net balance of all moneys owed must be paid on each monthly billing cycle. When the customer is a net electricity producer over a monthly billing cycle, the value of any excess kilowatt-hours generated during the billing cycle shall be carried over to the following billing period and appear as a credit on the customer's account, until the end of the Relevant Period.	
		j.	ESP Charges	
			If PG&E provides DA metering for the ESP, consolidated UDC billing (that is, Consolidated PG&E Billing as described in PG&E's Rule 22), Separate or Consolidated ESP Billing support services for DA customer-generators served under PG&E's rates or their ESP's rates, PG&E may recover the incremental costs related to net energy metering from the customer's ESP as follows:	
			<u>Metering services:</u> \$104 Metering Service Base charge, plus \$73/hour for onsite work, plus materials.	
			Billing: \$85/hour plus materials.	(
			(Cont	inue



	Original
Cancelling	

AFI	VIRTUAL NET	CTRIC SCHEDULE NEM2VMSH ENERGY METERING FOR MULTIFAMILY NG (MASH/NSHP) WITH SOLAR GENERATOP	Sheet 15 R(S)	
SPECIAL	3. INTERCONN	NECTION:		
CONDITIONS: (Cont'd.)	Facilities, the	ceive approval for Parallel Operation of the Solar Ge Owner must submit a completed PG&E application on agreement as follows:		
	Facility Type	Application Interconnection A	greement I	
	For an Eligible Low Income	Online Rule 21 Generator Interconnection Applicati (Form 79-1174-02)	ion I	
	Facility with one Single Point of Delivery	NEM2VMSH Virtual Net Energy Metering Application and Interconnection Agreement for the Building Owner of Multifamily Affordable Housing with a Solar Generating Facility of 1 Megawatt or Less (Form 79-1109-02)		
		Appendix A – Designation of Multifamily Common A Accounts, Residential Units and Their Respective S Energy Credit Allocation		
	For an Eligible Low Income	Online Rule 21 Generator Interconnection Applicati (79-1174-02)	ion I I	
	Facility with Multiple Service Delivery Points and/or Multiple Generators	Eligible Low Income Development Virtual Net Energy Metering (NEM2VMSH) Application and Interconner Agreement for Multifamily Affordable Housing with Generation Totaling 1 Megawatt or Less (Form 79-	ction I Solar I	
		Appendix A – Designation of Multifamily Common A Accounts, Residential Units and Their Respective S Energy Credit Allocation		
		Appendix B – Designation of Multifamily Common A Accounts, Residential Units and Their Respective S Energy Credit Allocation		
	provided in E fee must be p	n this tariff must pay for the interconnection of their R lectric Rule 21, including an application fee. This app paid through PG&E's online application portal in orde application, unless otherwise directed by PG&E.	olication I	
			(Continued)	



	Original
Cancelling	

AFF		ELECTRIC SCHEDULE NEM2VMSH TUAL NET ENERGY METERING FOR MULTIFAMILY BLE HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(S	Sheet 16
PECIAL	3. II	NTERCONNECTION: (Cont'd.)	(N)
ONDITIONS: Cont'd.)	fa	For the purposes of the NEM2VMSH tariff, the rating of the generatin acility, for the purposes of comparing its size relative to the 1 megav MW) limit, will be as described in the NEM2 tariff.	ig I vatt I
	a tl e e	n order to promote the safety and reliability of the customer REGF, t applicant is required to verify as a part of each interconnection reque his tariff, that all major solar system components are on the verified equipment list maintained by the California Energy Commission and equipment, as determined by PG&E, should be verified by the custor laving safety certification from a nationally recognized testing labora	est for I I other I mer as I
	tl e e	Applicant is required to verify as a part of each interconnection requering this tariff, that (i) a warranty of at least 10 years has been provided of equipment and on its installation, or (ii) have a 10-year service warra executed "agreement" ensuring proper maintenance and continued sperformance.	n all I nty or I
	4. N	IET SURPLUS ELECTRICITY COMPENSATION (NSC):	
	e a to E o	Pursuant to P.U. Code Section 2827 (h)(4)(A), this Special Condition established to provide a NEM2VMSH customer with a Common Area account or Residential Unit account having Net Surplus Electricity, (c as all the electricity generated that is allocated by the Generating Acc o an eligible customer measured in kilowatt-hours over a Relevant F as defined in Special Condition 2(g) of this tariff that exceeds the a of electricity consumed by that eligible customer), with Net Surplus Electricity Compensation (NSC) for the Net Surplus Electricity, while other ratepayers unaffected. A NEM2VMSH Customer who has Net Electricity will be known as a Net Surplus Generator.	a I defined I count I Period – I mount I Ieaving I
	а	NSC Applicability – All bundled Net Surplus Generators that sat conditions in the Applicability Section of this tariff and take servi under this rate schedule are eligible to receive NSC if they have up on, or following, the effective date below.	ce l
		Net Surplus Generators who receive Direct Access (DA) Service an ESP or who receive Community Choice Aggregation Service CCA are not eligible to receive NSC from PG&E but may contac ESP or CCA Provider to see if they provide NSC.	e from a I
		The effective date for a Net Surplus Generator to begin to receiv will be no earlier than the end of their Relevant Period following January 1, 2011 unless (i) the Net Surplus Generator customer change-of-party Customer or became a new NEM2VMSH custo January 2010 and the meter read date for their twelfth billing mo following enrollment in NEM2VMSH falls in December of 2010; Net Surplus Generator's NEM2VMSH meter was set to be read January 2011 but due to PG&E's schedule of meter read dates, read occurred on December 27, 2010, or later. Customers cove subsections (i) or (ii) will be eligible to receive NSC for their Rele Period ending in December 2010.	was a I omer in I onth I or (ii) a I in I the I ored by I

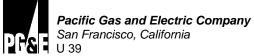
Date Filed Effective Resolution No.



	ELECTRIC SCHEDULE NEM2VMSH JAL NET ENERGY METERING FOR MULTIFAMILY E HOUSING (MASH/NSHP) WITH SOLAR GENERATOR(Sheet 17 S)
	T SURPLUS ELECTRICITY COMPENSATION (NSC): (Cont'd.)	(N)
CONDITIONS: (Cont'd.) b.	<u>The NSC Rate</u> – The NSC Rate is defined as the simple rolling average of PG&E's default load aggregation point (DLAP) price a.m. to 5 p.m., for a 12-month period. PG&E shall use the NSC as the value of the electricity portion of its net surplus compens rate.	e from 7 I Rate I
	PG&E will calculate the NSC Rate each month. It will be effective the first day of that month and PG&E will use it in the NSC Calculate for any Net Surplus Generators with a Relevant Period complet that month (True-Up Month).	culation I
	The DLAP Cutoff Date will be defined as the twentieth (20th) date month prior to the True-Up Month.	ay of I
	PG&E will wait five (5) days after the DLAP Cutoff Date for the to have time to finalize the day-ahead PG&E DLAP prices. The Rate will then be calculated as the simple average of the prices hours between 7 a.m. and 5 p.m. over a one (1) year period en the DLAP Cutoff Date.	NSC I s for all I
c.	Pursuant to D. 11-06-016, PG&E includes a Renewable Attribu Adder (RAA) based on the California Energy Commission (CEC implementation methodology.	ite I C) I
	Under the CEC's Renewables Portfolio Standard (RPS) Eligibil Guidebook, an ownership verification and tracking process is for Renewable Energy Credits (RECs) created by Net Surplus Generators.	ity set forth
	PG&E will pay a Renewable Attribute Adder (RAA) for Net Sur Electricity if the Net Surplus Generator completes Form 79-115 Schedules NEM2, NEM2V, NEM2VMSH, Net Surplus Electricit Renewable Energy Credits Compensation Form which requires each true-up a Net Surplus Generator confirm it or its REC ago has:	55-02 - I ty (NSE) I s that I
	 certified ownership of Net Surplus Electricity Renewable E Credits associated with their Net Surplus Electricity; 	Energy I
	 obtained certification for the Renewable Portfolio Standard (RPS) eligibility of the Electrical Generation Facility from t and provide evidence of this certification to PG&E and 	
	3) transferred the ownership of the WREGIS Certificates to F	'G&E.
	The RAA will be calculated using the most recent Western Elect Coordinating Council (WECC) average renewable premium, be United States Department of Energy (DOE) published data as submitted via advice letter annually in compliance with Resolut E-4475 and Decision 11-12-018.	ased on I
		(Continued)

Advice Letter No:

4980-E 16-01-044



Original *Cancelling* Cal. P.U.C. Sheet No. Cal. P.U.C. Sheet No.

A			ALN	ELECTRIC SCHEDULE NEM2VMSH NET ENERGY METERING FOR MULTIFA USING (MASH/NSHP) WITH SOLAR GE		Sheet 18 S)	3
SPECIAL CONDITIONS: (Cont'd.)	4.	NET	SUF	RPLUS ELECTRICITY COMPENSATION (NS	C): (Cont'd.)		(N)
		d.	<u>Calo</u> Surj	<u>culation of the NSC</u> – NSC is calculated by mu blus Electricity (kWh) by the NSC Rate in (b) a	ultiplying any l and (c) above.	Net	
		e.	auto	ons for receiving NSC – A NEM2VMSH custo matically have their NSC applied to any amou then may choose to:			
			1)	take no action and roll any remaining NSC a offset subsequent PG&E charges; or	mounts forwa	rd to	
			2)	request that PG&E issue a check if the NSC greater than one dollar (\$1). A customer can calling PG&E,. If the customer is closing all the PG&E, PG&E will automatically send a check	select this op heir accounts	otion by	
			3)	elect not to receive any NSC by completing a 79-1130 (Customer Request Form not to Re Compensation) to PG&E to confirm that they participate. In this case PG&E will zero out a NEM2VMSH customer may be otherwise elig	ceive Net Sur do not want f iny NSC the	plus to	
		f.	dem rece 2(b) Ger curr cert	Status – Customers receiving net surplus com ionstrate to PG&E that the Generator Account sive their generation allocation as described in are Qualifying Facilities in order to receive NS iverator Accounts serving all NEM2VMSH custo ently meet the requirements for a qualifying fa ification filing at the Federal Energy Regulator RC), no further documentation is required at the	t from which the Special Cond SC. Since the omer-generate acility exempt y Commission	hey dition ors from	
		g.	NEN eligi prim Con Svs	<u>Merator Size</u> – Nothing in this Special Condition M2VMSH system sizing requirement. Specifica ble for NSC, the Generator Account system m harily to offset part or all of the Residential Unit mon Area Account customers' own electrical tems that are sized larger than the electrical re ble for VNMNEMA and therefore, are not eligi	ally, in order to nust be intend t Account and requirements equirements a	o be led l s. are not	 (N)
						(Contir	nued)
Advice Letter No:	4980-E			Issued by Date	e Filed	December	16, 2016

Decision No.

16-01-044

Issued by **Steven Malnight** Senior Vice President Regulatory Affairs Date Filed Effective Resolution No.



	Original
Cancelling	

	equiva adjusti for per	n of Advice Letter 4802-E, submitted of alent process. In a case where PG&E ments to customer bills to reflect the of riods billed before billing system impro 2 months after the billing system enha	over collects, PG&E will pro correct calculation methodo ovements were made, not la	logy l ater l
CONDITIONS: (Cont'd.)	If the e system tariff, t Condit determ PG&E	effective date of this Schedule NEM2 n is able to bill NBCs as described in then for the period until PG&E's billing tion 2.e, but not later than January 1, nines assessment of NBCs. shall calculate NBCs using the metho	Special Condition 2.e of this system can bill per Special 2017, this Special Condition odology proposed in the first	ing I s I l I n 5 I I
SPECIAL CONDITIONS:	FORDABLE H 5. INTER If the e system	n is able to bill NBCs as described in 3	OLAR GENERATOR(S)	s I

Regulatory Affairs