Nevada Powe P.O. Box 230	• •			
Las Vegas, No Tariff No. 1-E	3	-	Original	P.S.C.N.Sheet No47
cancel Tariff No. 1-A	s A (withdrawn)	Cancelling .		P.S.C.N. Sheet No
			e No. 2 ON OF SERVICE	
A. Gene	ral .			
1.	Alternating o	current service o	f 60 cycle frequenc	ry will be supplied.
2.			lable at a particul Utility's office.	ar location should be
3.	are nominal a stated other	and refer to the vise. Following a	voltage between ene are the voltages at	ng on the rate schedules rgized conductors unless which service is sup- each delivery point:
	a. For ligh wire.	nting 120 volts,	two wire, 120/240 a	nd 120/208* volts, three
	b. For powe	er 120, 240, 480 a	and 208* volts.	
				xwer and three phase 265/460 wye*, four wire,
	d. For prin wye vol		/4160 wye, 7200/124	70 wye and 19,900/34,500
	e. For tran of deliv		ies, the voltage of	existing lines at point
	fcur wi		, three phase source	secondary service from es instead of from 240
4.	load must be a single pha ice, respect single phase three wire d	as nearly balances se service, or of ively. In no cas service, nor the	ed as practicable b the several phases e is the load on on load on any one ph se, four wire wye s	ervice is supplied, the etween the two sides of a of a three phase serv- be side of a three wire, mase of a three phase, service to be greater
Issued:	<u></u>	Issu	ed By:	
Effective:	May 30, 1980		d L. Ryan esident	
Advice N	No.: 10		-	

.

Original

____P.S.C.N.Sheet No._48

Tariff	No. 1	-A (withdrawn)	Cancelling	P.S.C.N. Sheet No
			Rule No. 2 DESCRIPTION OF SERVICE (Continued)	
в.	Ligh	ting, Heating,	Cooking and Miscellaneous Servi	се
	1.	customers when	two-wire 120 volt service will the service entrance capacity sion must be obtained from the	is 30 amperes or less.
	2.	locations) wil	three-wire service 120/240, (12 1 otherwise be supplied to all of the service entrance does not	single phase loads where
	3.	amperes, an ad ferent phase o	nected load requires a service e ditional single phase service w of the Utility's line. In no ca nee-wire services be supplied to	ill be provided from a dif- se will more than two sin-
	4.	capacity of the cept where exi	ervice will be supplied for all as service is greater than 600 a sting Utility facilities or unu- supply necessary.	mperes in (3) above and ex-
c.	Powe	er Service		
	1.		120 volt service will be supplied loes not exceed 1/2 HP, except is	
	2.	plied where th amperes starti	240 volt service (208* in certain the size of any single motor does ing current at 240 volts and the not exceed 50 KVA.	not exceed 5 HP or 100
	3.	prising three except where,	ervice will be supplied to all p phase motors of an aggregate ca in the opinion of the Utility, supply necessary.	pacity of at least 7-1/2 HP
Issi	ued:		Issued By:	
Effe	ective	9: May 30, 1980	Conrad L. Ryan President	
Adv	vice	No.: 10		

P.O. B Les Ve	lox 230		Original	P.S.C.N.Sheet No49
Tariff	No. 1-A	(withdrawn)	Cancelling	P.S.C.N. Sheet No
			Rule No. 2 DESCRIPTION OF SERVIC (Continued)	<u>E</u>
	4.	Voltage for t	three phase service will be a	s follows:
		motors r		d group installations of such pacity of 150 HP will generally n certain locations).
		will be specifie	er service other than describ supplied at 480 volts except ed a higher voltage or where 208* volt supply.	· · · · · · · · · · · · · · · · · · ·
		four win volt ser	re wye-connected, three phase	pplies secondary service from mains in place of 240 and 480 e is supplied, D.4.a., b., and
D.	four			ce will be supplied three phase provided for in Utility's rate
	1.	gle phase for for three pha	c lighting and single phase p	ervice giving 120/240 volt sin- ower and 240 volt three phase mere the capacity of the service
	2.	for lighting	four wire wye-connected serv and single phase power and 2 lied in certain locations. (08 volts for three phase power
	3.	plied, then to a st		
	4.	property one installation	may require that the Customer of the following items and r s at his expense for the Util 77/480 wye volts:	elated underground cable
เรรเ	ued:		Issued By:	
Effe	ective:	May 30, 1980	Conrad L. Ryan President	
Adv	vice N	lo.: 10		

Nevada Powe	r Company
P.O. Box 230	
Las Vegas, Nev	ada 89151
Tariff No. 1-B	
cancels	5
Tariff No. 1-A	(withdrawn)

Original

Cancelling

P.S.C.N. Sheet No.

				Rule No. 2 DESCRIPTION OF SERVICE (Continued)	
		a.	A transfo premises.	rmer vault on ground floor level	or below, on Customer's
		b.		rmer pad properly enclosed by an ground floor level.	eight (8) foot chain link
		с.	Space for	a transformer platform to be mo	unted on Company poles.
5	•	prov cust serv	ided to a omer quali ice at the	ngle Phase and three phase four building occupied by two or more fies under the appropriate Rate same voltage. A means of disco head of each meter.	customers provided each Schedule and receives
E. R	esi	stanc	e Heating	Equipment	
1	•	shal plac sing	l be therm ed in and	it in excess of 1.65 Kw shall be ostatically controlled. The res out of service shall be in steps nstallations and not more than 2	istance heating load of not more than 7 Kw in
2	•		r heaters ratories,	shall be of the storage type and Inc.	approved by Underwriters
3	•	Wate watt		of one heating unit will be limi	ted to a maximum of 4500
4	•	4500		with heating units of a combined all have the units interlocked so red.	
5	•	Resi	dential wa	ater heaters will have a minimum	capacity of 30 gallons.
6	•	not		e Heat Pump Installations: Supp 2 Kw for each horsepower of comp	
				· ·	<i>4</i> *
Issue	d:			Issued By:	
Effect	tive	: May	30, 1980	Conrad L. Ryan President	
Advic	e	No.:	10		

Nevada Po P.O. Box 23 Las Vegas, I Tariff No. 1	0 Nevada 8			Original	P.S.C.N.Sheet No ⁵¹
canc Tariff No. 1	els:	hdrawn)	Cancelling		P.S.C.N. Sheet No
			Rul DESCRIPTIO	e No. 2 ON OF SERVICE ntinued)	
7.					s: Resistance space wing connected loads:
	a.		lividual compresso ower - 3 kilowatts	r motor rating not i per horsepower.	in excess of 1
	b.	For ins horsep	-	compressor motor ra	atings in excess of l
			or each horsepower orsepower inclusiv		ings installed up to 10
			or each horsepower orsepower - 1.5 ki		ings in excess of 10
	c.	normal		geration may, with (eatres, which do not Company approval, ir-
8.	ing : upon tem (resid	applica applica under R dential	supplying all dom ation to Company, ate Schedule RS pr unit in the build ng and power to la	estic hot water need receive service for ovided they pay a su ing. With Company a	oved central water heat- ds in the building may, the water heating sys- urcharge of \$1.50 per approval, incidental t may be provided with
		Welder		, Radio Transmitters	s, Signs over 10 Kw and
1.				se of its operating tory service to othe	characteristics, may at er customers.
2.	clas will	s of se be sup	rvice and conditio	ns under which servi	case to determine the ice to such equipment autions that must be ob-
Issued:				ued By:	
Effectiv	e : May	30, 19	Ro Con	rad L. Ryan resident	
Advice	No.:	10			

.as Vegas, Nevada Fariff No. 1-B	89151	Original	P.S.C.N.Sheet No52
cancels Fariff No. 1-A (w	ithdrawn)	Cancelling	P.S.C.N. Sheet No
		Rule No. 2 DESCRIPTION OF SERVICE (Continued)	
G. Impairme	nt of Servic	e	
ing Cus flu	a load of s tomers. Whe	uch nature that may impair t re the type of load is such	
a.		uipment which will limit thi le degree; or	s wide variation in demand to
ь.		the payment of minimum bills r capacity which the Utility uations.	
H. Motor Pr	otection		
		ive devices considered neces mmended hereunder:	sary for adequate motor prot-
a.	damaged by device to ice, thus ity furthe delay mech	the full line voltage requi disconnect it from the line	during interruptions in serv- ervice is restored. The Util- vice be equipped with a time not be disconnected by
b.	might series that will relays or when excess purpose.	disconnect the motor if over circuit breakers which are s sive current occurs, are the	comer should install a device cload occurs. Fuses, thermal specially designed to operate e devices used for this e phase service, the Utility
Issued:		Issued By:	
Effective: Ma	y 30, 1980	Conrad L. Ryan President	
Advice No.:	10		

Emers HIL COMPACING ST

P.O. Bo									
Las Veg Tariff N	j <mark>as, Nevada 8</mark> No. 1-B	9151			Drigina	al	P.S.(C.N.St	neet No53
Ċ	ancels	hdrawn)	Cancelling	3		•	- ·		heet No
	NO. 17A (WIL		Ru DESCRIPT	le I ION	No. 2 OF SER inued)	VICE			
	с.	service,	a relay should m the lines in	be	instal	led which w	vill disc	onnect	the
	d.	tric crar should in	Phasing Protect hes, hoists, ele hstall relays wh yent of accident	eva	tors, p h will :	umps, and t disconnect	the like,	Custo	mer
I. 1	Allowable	Motor Sta	arting Currents						
-	SINGLE PH1	ASE MOTORS	2			Allowabl	le Locked	Rotor	Currents
1	Rated Size	2				208 Vo	olts	240	Volts
	1/2 HP and 3/4 HP	Less				23 an 31 an	-		amps amps
	1-1/2 HP 2 HP					35 an 46 an	-		amps amps
	3 HP 5 HP					69 an 115 an	nps –		amps
,	THREE PHAS	SE MOTORS				11		Deter	Quanta
]]	Rated Size	2	-	208	Volts	240 Vo			Currents Volts
	3 HP 5 HP				amps amps	55 an 83 an	-		amps amps
	7-1/2 HP 10 HP				amps	110 an	•		amps
	15 HP				amps	138 an 202 an		101 4	amps amps
	20 HP				ണ്ട	266 an	· •	133	
	25 HP 30 HP		•	386 ×	amps	355 an 400 an		167 a 199 a	
	40 HP		,	ĸ		×		232	
	50 HP 60 HP		1	r K		*		265 a 332 a	
Issue	ed:		ls	sue	d By:				
Effec	tive: May	30, 1980			L. Ryan ident				
Advid	ce No.:	10							

Form No. ADM-10 Bing 1/90

2nd Revised Cancelling 1st Revised

P.S.C.N. Sheet No. <u>54</u> P.S.C.N. Sheet No. <u>54</u>

Rule No. 2 DESCRIPTION OF SERVICE (Continued)

*Reduced voltage or increment starting required. For motors of 25 HP or more at 208 volts, 30 HP or more at 240 volts and 60 HP or more at 480 volts, Customer shall consult with the Utility for the maximum permissible starting current.

In all installations where the starting current of motors exceed the values set forth in the above tables, starting compensators of suitable characteristics shall be furnished, installed and used by the Customer, except that starting compensators will not be required for irrigation well pump motor installations.

J. Metering at Primary Service Voltage

Where a transformer bank having a capacity of 750 Kva or more is installed exclusively to serve such Customer, the Utility may meter such service at primary service voltage. In such installations, if the transformer is utility-owned, the metering data shall be compensated for losses from the high side to the low side of the transformer, as set forth herein below, unless the customer has a meter that compensates for losses. The percentage loss factor(s) for such customers who do not have meters that compensate for losses are: 0.76% for LGS-2 secondary and 0.62% for LGS-3 secondary.

- K. Miscellaneous
 - 1. The Customer shall, at his own sole risk and expense, furnish, install, inspect, and keep in good and safe condition all electrical wires, apparatus, and equipment of any kind or character which may be required for (1) receiving electric energy from the lines of the Utility, regardless of the location of the transformers, meters, or other equipment of the Utility; and (2) applying and utilizing such energy, including all necessary protective devices and suitable housing therefor. Customer shall so transmit and deliver and be solely responsible for the transformed or metered. All of Customer's wires, apparatus, and equipment shall be selected with the view to obtaining safety, efficiency, good voltage regulation, and the highest practicable power factor.
 - 2. The Utility shall not be responsible for the transmission and delivery of electric energy over or through Customer's wires and equipment, or for any loss or damage occasioned thereby, whether to the Customer or third persons or otherwise or at all.

(Continued) Issued: 07-09-03 Issued by: Effective: 07-11-03 Mary O. Simmons Advice No: 287-R(1) Vice President

(N)

Nevada Power Company
P.O. Box 230
Las Vegas, Nevada 89151
Tariff No. 1-B
cancels

Tariff No. 1-A (withdrawn)

P.S.C.N. Sheet No.

Rule No. 2 <u>DESCRIPTION OF SERVICE</u> (Continued)

Cancelling _

3. If, for any cause, a Customer applies for and receives service under a rate schedule not applicable to the class of service taken, on discovery of such error all bills rendered during the preceding six months will be recalculated in accordance with the lowest properly applicable rate schedule, and any excess amount paid by the Customer shall be refunded by the Utility, or any balance due shall be paid by the Customer, as the case may be.

Is	•		۵.	d	
13	Q,	u.	C.	ч	

Effective: May 30, 1980

Issued By:

Conrad L. Ryan President

Advice No.: 10

Erron 1 - mark

Nevada Power Company P.O. Boz 230 Las Vegas, Nevada 89151 Tariff No. 1-B	Original	P.S.C.N.Sheet No56
cancels Tariff No. 1-A (withdrawn)	Cancelling	P.S.C.N. Sheet No

HELD FOR FUTURE JSE

Issued:	Issued By:	
Effective: May 30, 1980	Conrad L. Ryan President	