

APN 261-193-22

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	Well Production (AF)															
									2000	2001	2002	2003	2004	2006	2006	2007	2008	2009	2010	2011	2012			
119	13	LA	3258-001-040	81	90%	73	3258-001-030																	
120	14	LA	3261-001-004	157	90%	141	3258-001-031																	
121	10	LA	3261-001-002	72	90%	65	3258-001-031																	
122	11	LA	3261-001-003	79	90%	71	3258-001-031																	
123	11	LA	3258-001-001	71	90%	64	None	Irrigation	396	519	125	123	0	0	0	271	271	271	271	271	271	0	0	
124	12	LA	3258-001-024	40	90%	36	3258-001-030																	
126	15	LA	3258-001-031	466	90%	420																		
127	15	LA	3258-001-030	157	90%	142																		
128	11	LA	3258-001-025	1	90%	1	None																	

Land Use Data

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									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
0	4	Kern	359-011-02	20	90%	18	359-011-01, 359-011-005	Irrigation	526	0	268	345	344	151	422	122	235	159	259	236	181	
1	4	Kern	359-011-03	20	90%	18	359-011-01, 359-011-005															
2	4	Kern	359-011-04	20	90%	18	359-011-01, 359-011-005															
3	4	Kern	359-011-05	20	90%	18	None															
4	4	Kern	359-011-06	20	90%	18	359-011-01, 359-011-005															
5	4	Kern	359-011-07	20	90%	18	359-011-01, 359-011-005															
6	4	Kern	359-011-08	19	90%	17	359-011-01, 359-011-005															
7	4	Kern	359-011-09	19	90%	17	359-011-01, 359-011-005															
8	4	Kern	359-011-10	20	90%	18	359-011-01, 359-011-005															
9	4	Kern	359-011-11	20	90%	18	359-011-01, 359-011-005															
10	4	Kern	359-011-12	20	90%	18	359-011-01, 359-011-005															
11	4	Kern	359-011-13	20	90%	18	359-011-01, 359-011-005															
12	4	Kern	359-011-14	20	90%	18	359-011-01, 359-011-005															
13	4	Kern	359-011-15	20	90%	18	359-011-01, 359-011-005															
14	4	Kern	359-011-16	19	90%	17	359-011-01, 359-011-005															
15	4	Kern	359-011-17	19	90%	17	359-011-01, 359-011-005															
16	4	Kern	359-011-18	20	90%	18	359-011-01, 359-011-005															
17	4	Kern	359-011-19	20	90%	18	359-011-01, 359-011-005															
18	4	Kern	359-011-20	20	90%	18	359-011-01, 359-011-005															
19	4	Kern	359-011-21	19	90%	17	359-011-01, 359-011-005															
20	4	Kern	359-011-22	20	90%	18	359-011-01, 359-011-005															
21	4	Kern	359-011-23	20	90%	18	359-011-01, 359-011-005															
22	4	Kern	359-011-24	20	90%	18	359-011-01, 359-011-005															
23	4	Kern	359-011-27	3	90%	3	359-011-01, 359-011-005															
24	4	Kern	359-011-50	161	90%	145	359-011-01, 359-011-005															
25	6	Kern	359-041-05	10	90%	9	None															
26	6	Kern	359-041-07	10	90%	9	None															
27	6	Kern	359-041-08	10	90%	9	None															
28	4	Kern	359-174-01	20	90%	18	359-011-01, 359-011-005															
29	4	Kern	359-174-02	20	90%	18	359-011-01, 359-011-005															
30	4	Kern	359-174-03	20	90%	18	359-011-01, 359-011-005															
31	4	Kern	359-174-04	20	90%	18	359-011-01, 359-011-005															
32	4	Kern	359-174-05	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Production (AF)																
								Well Type	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012			
33	4	Kern	359-174-06	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34	4	Kern	359-174-07	19	90%	17	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	4	Kern	359-174-08	19	90%	17	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	4	Kern	359-174-09	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	4	Kern	359-174-10	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	4	Kern	359-174-11	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	4	Kern	359-174-12	20	90%	18	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
40	4	Kern	359-174-14	2	90%	2	359-011-01, 359-011-005	Irrigation	1,174	719	381	110	680	769	367	258	351	586	726	472	315			
41	4	Kern	359-240-04	164	90%	147	359-011-01, 359-011-005	Irrigation	272	272	272	272	272	272	272	272	272	164	272	272	272	272	272	272
42	8	Kern	359-331-17	20	90%	18	None	Irrigation	661	681	571	571	571	571	571	571	571	571	571	571	0	0	0	0
43	8	Kern	359-331-19	20	90%	18	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883			
44	8	Kern	359-331-25	20	90%	18	None	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
45	4	Kern	359-011-01	19	90%	18	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883			
56	7	Kern	359-041-30	40	90%	36	None	Irrigation	272	272	272	272	272	272	272	272	272	164	272	272	272	272	272	272
67	2	Kern	261-100-10	153	90%	142	None	Irrigation	661	681	571	571	571	571	571	571	571	571	571	571	0	0	0	0
68	15	Kern	359-041-29	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883			
69	15	Kern	359-041-31	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883			
70	15	Kern	359-041-32	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883			
71	5	Kern	359-175-01	72	98%	70	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883			
72	5	Kern	359-175-02	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
73	5	Kern	359-175-03	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
74	5	Kern	359-175-04	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
75	5	Kern	359-321-01	79	98%	78	None	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
76	5	Kern	359-321-02	79	98%	78	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
77	5	Kern	359-324-18	20	98%	19	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
78	5	Kern	359-324-20	20	98%	20	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
79	5	Kern	359-324-21	20	98%	20	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	856			
80	9	Kern	359-331-24	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
81	9	Kern	359-331-25	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
82	9	Kern	359-331-27	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
83	1	Kern	359-041-15	38	90%	34	359-041-27	Irrigation																
84	1	Kern	359-041-24	10	90%	9	359-041-27	Irrigation																
85	1	Kern	359-041-25	10	90%	9	359-041-27	Irrigation																
86	1	Kern	359-041-26	10	90%	9	359-041-27	Irrigation																

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									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
87	1	Kern	353-041-27	10	90%	9	None	Irrigation	309	309	309	309	309	1	1	1	1	1	1	1	1	
88	3	Kern	261-193-02	39	90%	35	None															
89	3	Kern	261-193-03	40	90%	36	None															
90	3	Kern	261-193-06	10	90%	9	None															
91	3	Kern	261-193-07	10	90%	9	None															
92	3	Kern	261-193-08	5	90%	4	None															
93	3	Kern	261-193-09	5	90%	5	None															
94	3	Kern	261-193-10	5	90%	5	None															
95	3	Kern	261-193-15	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
96	3	Kern	261-193-17	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
97	3	Kern	261-193-18	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
98	3	Kern	261-193-20	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
99	3	Kern	261-193-22	20	90%	18	None	Irrigation	342	248	472	533	524	488	586	472	744	946	544	0	0	0
100	3	Kern	261-193-23	40	90%	36	None	Irrigation	342	151	378	452	425	428	319	0	508	544	323	0	0	0
101	3	Kern	261-193-24	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
102	3	Kern	261-193-25	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
103	3	Kern	261-193-26	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
104	3	Kern	261-194-28	77	90%	70	None	Irrigation	326	297	183	509	501	0	0	154	391	454	261	0	0	0
105	3	Kern	261-194-29	77	90%	70	None	Irrigation	326	297	183	509	501	0	0	154	391	454	261	0	0	0
106	3	Kern	261-194-30	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
107	3	Kern	261-194-36	20	90%	18	None	Irrigation	326	297	183	509	501	0	0	154	391	454	261	0	0	0
108	3	Kern	261-194-37	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
109	3	Kern	261-194-38	20	90%	18	None	Irrigation	326	297	183	509	501	0	0	154	391	454	261	0	0	0
110	3	Kern	261-194-39	20	90%	18	None	Irrigation	326	297	183	509	501	0	0	154	391	454	261	0	0	0
111	3	Kern	261-194-45	19	90%	17	None															
112	3	Kern	261-194-46	20	90%	18	None															
113	3	Kern	261-194-47	20	90%	18	None															
114	3	Kern	261-194-08	318	90%	286	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
115	3	Kern	261-193-05	10	90%	9	None															
116	3	Kern	261-193-19	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
117	3	Kern	261-194-35	40	90%	36	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
118	11	LA	3258-001-028	79	90%	71	None	Irrigation	396	519	125	123	0	0	0	271	271	271	271	271	0	0

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	2000	2001	2002	2003	2004	Well Production (AF)									
														2005	2005	2005	2007	2008	2009	2010	2011	2012	
119	13	LA	3258-001-040	81	90%	73	3258-001-030																
120	14	LA	3264-001-004	157	90%	141	3258-001-031																
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123	11	LA	3258-001-001	71	90%	64	None	Irrigation	396	519	123	123	0	0	0	271	271	271	271	271	0	0	
124	12	LA	3258-001-024	40	90%	36	3258-001-030																
125	15	LA	3258-001-031	466	90%	420																	
127	15	LA	3258-001-030	157	90%	142																	
128	11	LA	3258-001-025	1	90%	1	None																

eSolar

AF/Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Estimated from SCE Meter 13682381 (Alesso East)	244	151	378	132	425	428	319	5	399	407			
Estimated from SCE Meter 13682382 (Alesso West)	169	248	472	186	524	457	572	389	623	612			
Other meters	?	?	?	?	?	?	?	?	?	?	?	?	?
Total estimated from SCE meters	413	399	850	318	949	885	891	393	1,022	1,019			
Grimmway Reported from well flow meters (includes Martin, Swisher and Vodermark)	685				1,223	1,228	1,755	1,338	2,512	2,752			
TOTAL REPORTED GROUNDWATER USAGE	?	?	?	?	?	?	?	?	?	?			

Notes:

Pumpage estimated from power usage using the AZDWR method defined at: <http://www.azwater.gov/dwr/drought/files/estimating%20water%20use%20final.pdf>
 The meter readings are lower than Grimmway because a 3rd meter is missing and not available.
 When the reported groundwater pumpage was greater than the estimated AW requirement, it was because Grimmway was conveying the water to adjacent parcels not included in this AW analysis.
 No AVEK turnouts

Consolidated Pumpage Data and Estimates

Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Alessio East	342	151	378	432	425	428	319	0	508	544	313	0	0
Alessio West	342	248	472	533	524	488	586	472	744	946	544	0	0
Martin	326	297	183	509	501	501	501	154	391	454	261	0	0
Swisher	326	297	183	509	501	501	425	284	264	348	200	0	0
Vodermark	328	297	183	509	501	311	425	428	605	460	265	0	0
Total	1,664	1,290	1,401	2,494	2,453	1,229	1,756	1,338	2,512	2,752	1,585	1	1
AW requirement	1,664	1,290	1,401	2,494	2,453	1,229	1,756	1,338	2,512	2,752	1,584	1	1

10/01/2007

S. A. CAMP PUMP COMPANY

PUMP TEST REPORT

GRIMMWAY ALESSO WEST 200

CUSTOMER : GRIMMWAY FARMS
WELL # : ALESSO WEST WELL
METER : 345M001064
LEGAL : 1/4 6522
LOCATION : 1/2 MILE WEST OF 180ST W ON NORTH SIDE OF GASKELL
TEST DATE : 10/01/2007

EQUIPMENT

Motor: U.S. HP:200 Volts:480 R.P.M.:1800 Serial No:986944
Frame: 587 Type: CFU
Pump : PEERLESS Type: Oil Lube Turbine

TEST RESULTS

Standing Water Level below Surface of Ground	275	FT
Draw Down From Standing to Pumping Level	20	FT
Pumping Water Level	295	FT
Discharge Head Above Ground	GA-20.0	46.2 FT
TOTAL LIFT	341.2	FT
WATER PUMPED	1345	GPM.
Yield of Well (G.P.M. per foot Draw Down)	67.3	GPM/FT
HORSEPOWER INPUT TO MOTOR	208.5	H.P.
OVERALL PLANT EFFICIENCY	55.6	%
Acre Foot in 24 Hours	5.94	
Kilowatt Input to Motor	155.54	
Kilowatt Hours/Acre Foot Pumped	628.06	
Average Cost per KW		
Cost Per Acre Foot		

REVS: 55/61.1 OFF MAYBE 100 GPM
KH: 1.20
K: 40
ID: 101/4 82.50
SCALE: 16.30
AIRLINE:

TEST ENGINEER Jim Weir

WDS000114

10/16/2007 05:00 pm

S . A . C A M P P U M P C O M P A N Y

Page: 1

P U M P T E S T F I L E R E P O R T
G R I M M W A Y A L E S S O W E S T 2 0 0

Name GRIMMWAY FARMS
Well ALESSO WEST WELL
Meter 345M001064
Legal
Location 1/2 MILE WEST OF 180ST W ON
NORTH SIDE OF GASKELL

!-----!
!PUMP DATA INSTALLATION DATE 09/11/1998!
!PUMP SETTING 385!
!AIRLINE NONE!
!CT&S SIZE 10 X 31/2 X 3 X 23/16 & 115/16!
!BOWLS 9 STAGES 12DKHA9 FLOWAY!
!WELL DEPTH 14 TO 616!
! BLANK 310 PERFORATIONS 306!
!-----!

Motor U.S. HP 200 Volts 480 R.P.M. 1800 Serial 986944
Frame 587 Type CPU Pump PEERLESS Type Oil Lube Turbine

DATE	09/08/98	07/14/99	09/26/05	09/01/06	10/01/07		
STANDING							
WATER	269.4'	265'	280'	282'	275'		
DRAW DOWN	22.9'	23'	20'	18'	20'		
PUMPING							
WATER	292.3'	288'	300'	300'	295'		
DISCHARGE							
HEAD	180.2'	226.4'	231'	254.1'	46.2'		
TOTAL							
LIFT	472.5'	514.4'	531'	554.1'	341.2'		
G.P.M.	1312	1060	1114	1073	1345		
GPM/FT	57.3	46.1	55.7	59.6	67.3		
H.P./RPM	219.3	218.9	209.6		208.5		
EFF.	71.4	62.9	71.3		55.6		

AC FT IN							
24 HRS	5.80	4.68	4.92	4.74	5.94		
KW TO MOTOR	163.60	163.30	156.36		155.54		
KW HOURS							
PER AC FT	677.2	836.6	762.2		628.0		
COST							
PER AC/FT							

P U M P E S T I M A T E R E P O R T
 GRIMMWAY 200 ALESSO W

CUSTOMER: GRIMMWAY FARMS
 WELL # : ALESSO WEST WELL
 METER : 729K-1693
 LEGAL :
 LOCATION: 1/2 MILE WEST OF 180 ST W ON NORTH SIDE OF GASKELL

MOTOR U.S. HP 200 VOLTS 480 R.P.M. 1770 SERIAL 1398414
 FRAME TYPE: PUMP: PEERLESS TYPE: Oil Lube Turbine

9 STAGES 12"DKHA9 FLOWAY 1992

G.P.M.	LAB	HEAD	B HP	EFF.	BOWL	FIELD	INPUT HP	FIELD	EFF.
1600	324.0	189.1	72.5%	280	207.8	54.4%			
1520	369.0	192.4	77.0%	330	211.4	59.9%			
1400	432.0	197.1	81.0%	400	216.6	65.3%			
1320	468.0	197.6	82.5%	440	217.1	67.6%			
1200	504.0	192.5	83.0%	480	211.5	68.8%			
1120	540.0	194.8	82.0%	520	214.1	68.7%			
1000	558.0	185.7	79.5%	540	204.1	66.8%			

DATE OF LAST WORK: 09/11/98
 PUMP SETTING: 385 ft.
 AIRLINE: 385 ft.
 C.T.S. 0300-10" X 3 1/2" X 23/16"
 C.T.S. 0085-10" X 3" X 115/16"
 BOWLS: 9 STAGES 12"DKHA9 FLOWAY 1992
 WELL INFORMATION:



SOUTHERN CALIFORNIA
EDISON

An EDISON INTERNATIONAL Company

**AUTHORIZATION TO: RECEIVE CUSTOMER
INFORMATION OR ACT ON A CUSTOMER'S BEHALF**

THIS IS A LEGALLY BINDING CONTRACT - READ IT CAREFULLY

I, Gloria Alesso
NAME TITLE (IF APPLICABLE)

of Alesso Farms (Customer) have the following mailing address
NAME OF CUSTOMER RECORD

PO Box 1840 Lancaster CA 93539-1840 and do hereby appoint
MAILING ADDRESS CITY STATE ZIP

WDS CA II of 5700 Wilshire Blvd Ste 330
NAME OF THIRD PARTY MAILING ADDRESS
Los Angeles CA 90036
CITY STATE ZIP

to act as my agent and consultant (Agent) for the listed account(s) and in the categories indicated below:

ACCOUNTS INCLUDED IN THIS AUTHORIZATION

- 180th St W & N Gaskell Rd, Rosamond CA 93560 30 13-8823-81
SERVICE ADDRESS SERVICE ACCOUNT NUMBER
- 183rd St N of Gaskell Rd, Rosamond CA 93560 30 13-8823-82
SERVICE ADDRESS SERVICE ACCOUNT NUMBER
- _____
SERVICE ADDRESS 30
SERVICE ACCOUNT NUMBER

(For more than three accounts, please list additional accounts on a separate sheet and attach it to this form)

INFORMATION, ACTS AND FUNCTIONS AUTHORIZED - This authorization provides authority to the Agent. The Agent must thereafter provide specific written instructions/requests (e-mail is acceptable) about the particular account(s) before any information is released or action is taken. In certain instances, the requested act or function may result in cost to you, the customer. Requests for information may be limited to the most recent 12 month period.

I (Customer) authorize my Agent to act on my behalf to perform the following specific acts and functions (Initial all applicable boxes):

- 1. Request and receive billing records, billing history and all meter usage data used for bill calculation for all of my account(s), as specified herein, regarding utility services furnished by the Utility.
- 2. EPA Benchmarking
- 3. Request and receive copies of correspondence in connection with my account(s) concerning (initial all that apply):
 - a. Verification of rate, date of rate change, and related information;
 - b. Contracts and Service Agreements;
 - c. Previous or proposed issuance of adjustments/credits; or
 - d. Other previously issued or unresolved/disputed billing adjustments.
- 4. Request investigation of my utility bill(s)
- 5. Request special metering, and the right to access interval usage and other metering data on my account(s).
- 6. Request rate analysis.
- 7. Request rate changes.
- 8. Request and receive verification of balances on my account(s) and discontinuance notices.

The Utility will provide standard customer information without charge up to two times in a 12 month period per service account. After two requests in a year, I understand I may be responsible for charges that may be incurred to process this request.

AUTHORIZATION TO: RECEIVE CUSTOMER INFORMATION OR ACT ON A CUSTOMER'S BEHALF

I (CUSTOMER) AUTHORIZE THE RELEASE OF MY ACCOUNT INFORMATION AND AUTHORIZE MY AGENT TO ACT ON MY BEHALF ON THE FOLLOWING BASIS² (Initial one box only):

- One time authorization only (limited to a one-time request for information and/or the acts and functions specified above at the time of receipt of this Authorization). RBR
- One year authorization - Requests for information and/or for the acts and functions specified above will be accepted and processed each time requested within the twelve month period from the date of execution of this Authorization.
- Authorization is given for the period commencing with the date of execution until _____ (Limited in duration to three years from the date of execution.) Requests for information and/or for the acts and functions specified above will be accepted and processed each time requested within the authorization period specified herein

RELEASE OF ACCOUNT INFORMATION:

The Utility will provide the information requested above, to the extent available, via any one of the following. My (Agent) preferred format is (check all that apply):

- Hard copy via US Mail (if applicable): _____
- Facsimile at this telephone number: _____
- Electronic format via electronic mail (if applicable) to this e-mail address andrewwerner@westerndev.com

I (Customer), Gloria Alesso (print name of authorized signatory), declare under penalty of perjury under the laws of the State of California that I am authorized to execute this document on behalf of the Customer of Record listed at the top of this form and that I have authority to financially bind the Customer of Record. I further certify that my Agent has authority to act on my behalf and request the release of information for the accounts listed on this form and perform the specific acts and functions listed above. I understand the Utility reserves the right to verify any authorization request submitted before releasing information or taking any action on my behalf. I authorize the Utility to release the requested information on my account or facilities to the above Agent who is acting on my behalf regarding the matters listed above. I hereby release, hold harmless, and indemnify the Utility from any liability, claims, demands, causes of action, damages, or expenses resulting from: 1) any release of information to my Agent pursuant to this Authorization; 2) the unauthorized use of this information by my Agent; and 3) from any actions taken by my Agent pursuant to this Authorization, including rate changes. I understand that I may cancel this authorization at any time by submitting a written request. (This form must be signed by someone who has authority to financially bind the customer (for example, CFO of a company or City Manager of a municipality).)

Gloria B. Alesso
AUTHORIZED CUSTOMER SIGNATURE
Executed this 1st day of Nov 2012 at Lancaster CA
MONTH YEAR CITY AND STATE WHERE EXECUTED
661-256-0933
TELEPHONE NUMBER

I (Agent), hereby release, hold harmless, and indemnify the Utility from any liability, claims, demand, causes of action, damages, or expenses resulting from the use of customer information obtained pursuant to this authorization and from the taking of any action pursuant to this authorization, including rate changes.

ADW
AGENT SIGNATURE
323 936 9303
TELEPHONE NUMBER

WDS C&I
COMPANY
Executed this 30th day of October 2012
MONTH YEAR

² If no time period is specified, authorization will be limited to a one-time authorization.

AlessioFarmaBillHist

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt	KWH Usage
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	January, 2005	01/21/05	TOU-PA-7B	\$438.30	120
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	February, 2005	02/22/05	TOU-PA-7B	\$245.24	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	March, 2005	03/23/05	TOU-PA-7B	\$245.24	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	April, 2005	04/21/05	TOU-PA-7B	\$2,480.20	33,720
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	May, 2005	05/20/05	TOU-PA-7B	\$2,861.85	49,480
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	June, 2005	06/21/05	TOU-PA-7B	\$4,168.78	66,560
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	July, 2005	07/21/05	TOU-PA-7B	\$6,234.78	78,720
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	August, 2005	08/19/05	TOU-PA-7B	\$4,041.02	50,280
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	September, 2005	09/20/05	TOU-PA-7B	\$4,449.63	57,693
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2005	10/21/05	TOU-PA-7B	\$2,072.48	20,746
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	November, 2005	11/21/05	TOU-PA-7B	\$47.95	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	December, 2005	12/21/05	TOU-PA-7B	\$782.28	3,809
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	January, 2006	01/23/06	TOU-PA-7B	\$1,392.99	14,033
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	February, 2006	02/22/06	TOU-PA-7B	\$589.93	613
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	March, 2006	03/23/06	TOU-PA-7B	\$1,429.31	14,125
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	April, 2006	04/21/06	TOU-PA-7B	\$3,202.31	43,448
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	May, 2006	05/22/06	TOU-PA-7B	\$3,012.13	40,891
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	June, 2006	06/21/06	TOU-PA-7B	\$4,754.44	52,422
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	July, 2006	07/20/06	TOU-PA-7B	\$4,930.54	59,342
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	August, 2006	08/21/06	TOU-PA-7B	\$3,979.55	33,549
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	September, 2006	09/20/06	TOU-PA-7B	\$2,756.42	14,821
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2006	10/20/06	TOU-PA-7B	\$63.25	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	November, 2006	11/20/06	TOU-PA-7B	\$63.25	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	December, 2006	12/20/06	TOU-PA-7B	\$63.25	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	January, 2007	01/22/07	TOU-PA-7B	\$63.25	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	February, 2007	02/21/07	TOU-PA-7B	\$66.19	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	March, 2007	03/22/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	April, 2007	04/20/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	May, 2007	05/18/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	June, 2007	06/20/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	July, 2007	07/19/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	August, 2007	08/17/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	September, 2007	09/19/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2007	10/19/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	November, 2007	11/17/07	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	December, 2007	12/20/07	TOU-PA-7B	\$924.60	4,109
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	January, 2008	01/22/08	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	February, 2008	02/21/08	TOU-PA-7B	\$75.86	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	March, 2008	03/20/08	TOU-PA-7B	\$693.28	167
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	April, 2008	04/21/08	TOU-PA-7B	\$3,344.16	40,544
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	May, 2008	05/21/08	TOU-PA-7B	\$4,266.77	50,647
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	June, 2008	06/20/08	TOU-PA-7B	\$4,943.03	56,900
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	July, 2008	07/21/08	TOU-PA-7B	\$5,887.52	69,331
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	August, 2008	08/19/08	TOU-PA-7B	\$6,165.22	71,624
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	September, 2008	09/19/08	TOU-PA-7B	\$4,220.84	42,020
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2008	10/21/08	TOU-PA-7B	\$2,122.11	14,352
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	November, 2008	11/20/08	TOU-PA-7B	\$83.73	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	December, 2008	12/20/08	TOU-PA-7B	\$1,443.54	10,365
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	January, 2009	01/21/09	TOU-PA-7B	\$790.11	475
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	February, 2009	02/20/09	TOU-PA-7B	\$83.73	0
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	March, 2009	03/24/09	TOU-PA-7B	\$1,258.62	9,242
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	April, 2009	04/22/09	TOU-PA-7B	\$2,884.03	29,895
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	May, 2009	05/22/09	TOU-PA-7B	\$3,617.45	43,943
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	June, 2009	06/23/09	TOU-PA-7B	\$5,129.26	60,262
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	July, 2009	07/23/09	TOU-PA-7B	\$5,791.98	65,708
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	August, 2009	08/21/09	TOU-PA-7B	\$6,244.31	71,279
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	September, 2009	09/22/09	TOU-PA-7B	\$5,946.01	67,738
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2009	10/01/09	TOU-PA-7B	\$1,315.73	11,353
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2009	10/23/09	TOU-PA-B	\$839.37	1,409

AlessoFarmsBillHist

City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Summ Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$	Summer Onpeak KWH \$	Summer Midpeak KWH
\$0.00	\$0.04	130.4	31	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$7.42	136.8	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$10.89	135.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$14.64	136.8	32	0	16	8,040	134.8	\$517.73	\$110.07	11,040
\$0.00	\$17.32	135.2	30	0	30	15,160	133.2	\$1,020.11	\$207.54	22,080
\$0.00	\$11.06	135.6	29	0	29	10,840	134.6	\$1,035.45	\$150.56	16,120
\$0.00	\$12.69	134.6	32	0	32	12,485	133.1	\$1,020.11	\$176.66	18,482
\$0.00	\$4.56	134.2	31	0	12	3,881	127.6	\$360.04	\$54.82	5,309
\$0.00	\$0.00	0.2	31	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.84	134.4	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$3.09	134.7	33	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.13	134.6	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$3.11	133.6	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$9.56	135.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$9.00	134.6	31	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$13.73	135.0	30	0	17	6,935	133.9	\$534.57	\$117.69	9,798
\$0.00	\$13.06	134.1	29	0	29	11,709	133.6	\$943.36	\$198.70	16,672
\$0.00	\$7.38	134.1	32	0	32	7,195	134.1	\$0.00	\$0.00	10,070
\$0.00	\$3.26	132.3	30	0	30	2,081	131.8	\$0.00	\$18.21	3,917
\$0.00	\$0.00	0.2	30	0	11	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	31	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	33	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	28	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	28	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	33	0	17	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.0	29	0	29	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	29	0	29	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	33	0	33	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	30	0	18	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	126.4	33	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	33	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.03	133.6	28	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$8.92	134.9	32	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$11.14	134.7	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$12.30	134.6	30	0	19	8,356	133.4	\$0.00	\$73.45	9,920
\$0.00	\$15.03	133.8	31	0	31	12,131	130.2	\$0.00	\$106.63	18,567
\$0.00	\$15.76	133.4	28	0	28	13,636	130.4	\$0.00	\$118.98	19,989
\$0.00	\$9.24	134.6	31	0	31	5,988	133.4	\$0.00	\$52.63	9,174
\$0.00	\$3.16	134.2	32	0	12	737	123.0	\$0.00	\$6.48	862
\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$2.28	133.8	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.10	134.9	32	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$2.03	134.6	32	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$6.58	133.6	29	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$9.67	134.7	30	0	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$13.26	134.7	32	0	22	7,804	132.6	\$0.00	\$46.04	10,085
\$0.00	\$14.46	134.1	30	0	30	11,387	133.4	\$0.00	\$67.18	17,184
\$0.00	\$15.68	133.4	28	0	29	13,447	133.4	\$0.00	\$79.34	19,945
\$0.00	\$14.90	134.7	32	0	32	11,243	134.7	\$0.00	\$86.33	17,947
\$0.00	\$2.50	134.1	9	0	9	2,549	132.8	\$0.00	\$15.04	3,984
\$0.00	\$0.31	133.6	22	0	0	0	0.0	\$0.00	\$0.00	0

AlessoFarmsBillHist

Summer Midpeak KW	Summer Midpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW \$	Winter Billing Days
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	31
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	32
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
134.8	\$0.00	\$151.14	20,840	\$151.14	134.8	134.8	\$0.00	\$285.30	\$285.30	16
135.2	\$0.00	\$302.28	41,480	\$302.28	135.2	135.2	\$0.00	\$567.86	\$567.86	0
135.2	\$0.00	\$228.10	23,520	\$228.10	135.6	135.6	\$0.00	\$332.81	\$332.81	0
134.1	\$0.00	\$261.52	26,729	\$261.52	134.5	134.5	\$0.00	\$378.22	\$378.22	0
133.9	\$0.00	\$75.12	4,276	\$75.12	128.2	128.2	\$0.00	\$60.51	\$60.51	19
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	31
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	33
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	31
132.0	\$0.00	\$166.27	18,421	\$166.27	135.0	135.0	\$0.00	\$312.60	\$312.60	13
134.1	\$0.00	\$282.92	30,861	\$282.92	134.1	134.1	\$0.00	\$525.41	\$525.41	0
133.4	\$0.00	\$0.00	16,284	\$0.00	133.3	133.3	\$0.00	\$0.00	\$0.00	0
131.8	\$0.00	\$34.27	8,623	\$34.27	132.3	132.3	\$0.00	\$77.20	\$77.20	0
0.0	\$0.00	\$0.00	0	\$0.00	0.2	0.2	\$0.00	\$0.00	\$0.00	19
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	31
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	33
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	28
0.0	\$0.00	\$0.00	0	\$0.00	0.2	0.2	\$0.00	\$0.00	\$0.00	16
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	0
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	0
0.0	\$0.00	\$0.00	0	\$0.00	0.2	0.2	\$0.00	\$0.00	\$0.00	0
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	0
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	0
0.2	\$0.00	\$0.00	0	\$0.00	0.2	0.2	\$0.00	\$0.00	\$0.00	12
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	33
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	33
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	28
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	32
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
134.6	\$0.00	\$87.20	18,844	\$87.20	134.6	134.6	\$0.00	\$165.64	\$165.64	11
133.0	\$0.00	\$163.20	37,833	\$163.20	133.8	133.8	\$0.00	\$330.79	\$330.79	0
133.1	\$0.00	\$175.70	38,099	\$175.70	133.4	133.4	\$0.00	\$334.89	\$334.89	0
134.6	\$0.00	\$80.64	26,858	\$80.64	131.5	131.5	\$0.00	\$236.08	\$236.08	0
132.3	\$0.00	\$7.58	864	\$7.58	128.5	128.5	\$0.00	\$7.59	\$7.59	20
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	32
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	32
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	29
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	30
129.8	\$0.00	\$59.50	22,955	\$59.50	132.5	132.5	\$0.00	\$135.43	\$135.43	10
132.2	\$0.00	\$101.39	37,137	\$101.39	134.1	134.1	\$0.00	\$219.11	\$219.11	0
133.0	\$0.00	\$117.68	37,887	\$117.68	131.4	131.4	\$0.00	\$223.53	\$223.53	0
134.2	\$0.00	\$105.89	36,548	\$105.89	133.1	133.1	\$0.00	\$227.43	\$227.43	0
128.8	\$0.00	\$23.51	4,820	\$23.51	134.1	134.1	\$0.00	\$28.44	\$28.44	0
0.0	\$0.00	\$0.00	0	\$0.00	0.0	0.0	\$0.00	\$0.00	\$0.00	22

AlessoFarmsBillHist

Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Midpeak KWH \$	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$
120	130.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
20,200	136.0	\$0.00	\$0.00	13,520	137.0	\$0.00	\$0.00
17,560	135.0	\$0.00	\$240.40	31,920	135.0	\$0.00	\$436.96
12,160	135.0	\$0.00	\$155.47	14,480	137.0	\$0.00	\$198.23
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
4,286	134.0	\$0.00	\$60.65	2,991	134.0	\$0.00	\$42.32
0	0.0	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
2,159	134.0	\$0.00	\$30.55	1,650	134.0	\$0.00	\$23.35
8,170	134.0	\$0.00	\$0.00	5,863	135.0	\$0.00	\$0.00
451	135.0	\$0.00	\$0.00	152	132.0	\$0.00	\$0.00
7,525	134.0	\$0.00	\$121.98	6,600	133.0	\$0.00	\$106.99
15,709	135.0	\$0.00	\$0.00	27,739	135.0	\$0.00	\$0.00
18,223	134.0	\$0.00	\$305.42	22,668	135.0	\$0.00	\$379.92
11,010	135.0	\$0.00	\$184.53	16,258	131.0	\$0.00	\$272.48
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
2,151	126.0	\$0.00	\$17.44	1,958	123.0	\$0.00	\$15.88
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
157	134.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
18,038	135.0	\$0.00	\$0.00	22,506	135.0	\$0.00	\$0.00
26,035	135.0	\$0.00	\$247.63	22,612	134.0	\$0.00	\$199.89
7,633	135.0	\$0.00	\$67.48	11,147	134.0	\$0.00	\$98.54
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
7,198	134.0	\$0.00	\$63.28	4,690	133.0	\$0.00	\$41.23
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
5,077	131.0	\$0.00	\$44.63	5,288	134.0	\$0.00	\$46.48
475	135.0	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
0	0.2	\$0.00	\$0.00	0	0.2	\$0.00	\$0.00
1,574	135.0	\$0.00	\$0.00	7,668	132.0	\$0.00	\$0.00
18,479	134.0	\$0.00	\$0.00	11,416	133.0	\$0.00	\$0.00
20,537	133.0	\$0.00	\$113.16	23,406	135.0	\$0.00	\$128.97
6,466	135.0	\$0.00	\$35.63	12,952	133.0	\$0.00	\$71.37
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
0	0.0	\$0.00	\$0.00	0	0.0	\$0.00	\$0.00
314	134.0	\$0.00	\$2.25	1,095	121.0	\$0.00	\$7.84

Summary

AF/Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Meter 13882381	244	151	378	132	425	428	319	5	399	407			
Meter 13882382	169	248	472	186	524	457	572	389	623	612			
Total reported from meters	413	399	850	318	949	885	891	393	1,022	1,019			
Grimmway Reported	685				1,223	1,228	1,755	1,346	2,512	2,752			
TOTAL GROUNDWATER USAGE	685	399	850	318	1,223	1,228	1,755	1,346	2,512	2,752			

The meter readings are lower than Grimmway because the other meter readings are missing and not available

Meter 13882381

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	July, 2008	07/21/08	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	August, 2008	08/19/08	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	September, 2008	09/19/08	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2008	10/21/08	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	November, 2008	11/20/08	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	December, 2008	12/20/08	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	January, 2009	01/21/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	February, 2009	02/20/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	March, 2009	03/24/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	April, 2009	04/22/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	May, 2009	05/22/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	June, 2009	06/23/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	July, 2009	07/23/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	August, 2009	08/21/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	September, 2009	09/22/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2009	10/01/09	TOU-PA-7B
ALESSO FARMS	4471	13882381	0	161	TOU-PA-B	345M-001071	180 ST W/N GASKILL	ROSAMOND	93560	October, 2009	10/23/09	TOU-PA-B

Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
\$162.15	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$162.15	0	\$0.00	\$0.00	0.0	33	0	0	0	0.0	\$0.00
\$162.15	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$606.37	5,120	\$0.00	\$1.02	138.8	26	0	0	0	0.0	\$0.00
\$674.82	6,560	\$0.00	\$1.31	138.4	29	0	0	0	0.0	\$0.00
\$2,773.10	36,160	\$0.00	\$7.23	138.4	33	0	16	3,800	134.4	\$396.32
\$3,864.62	49,160	\$0.00	\$9.83	137.6	29	0	29	11,120	137.2	\$835.70
\$3,628.97	46,640	\$0.00	\$9.33	137.6	30	0	30	8,080	137.2	\$835.70
\$3,205.22	39,200	\$0.00	\$7.84	138.0	31	0	31	6,200	137.6	\$841.80
\$1,213.73	11,080	\$0.00	\$2.22	138.4	31	0	13	1,160	134.8	\$345.34
\$162.15	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$104.56	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$162.15	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$259.60	80	\$0.00	\$0.02	115.6	33	0	0	0	0.0	\$0.00
\$162.15	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$2,208.09	28,080	\$0.00	\$5.62	139.6	29	0	0	0	0.0	\$0.00
\$2,523.55	33,120	\$0.00	\$6.62	138.8	31	0	0	0	0.0	\$0.00
\$2,794.99	24,000	\$0.00	\$4.80	138.4	29	0	16	4,320	138.0	\$464.44
\$1,753.83	11,560	\$0.00	\$2.31	136.0	31	0	31	3,120	134.8	\$823.50
\$2,205.78	20,120	\$0.00	\$4.02	136.4	31	0	31	3,120	130.4	\$793.00
\$1,116.86	2,800	\$0.00	\$0.56	137.6	30	0	30	880	135.6	\$829.60
\$131.28	0	\$0.00	\$0.00	0.0	30	0	18	0	0.0	\$0.00
\$164.10	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$164.10	0	\$0.00	\$0.00	0.4	31	0	0	0	0.0	\$0.00
\$164.10	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$164.10	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$164.10	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$150.58	0	\$0.00	\$0.00	0.0	28	0	0	0	0.0	\$0.00
\$162.15	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$4,196.67	37,440	\$0.00	\$7.49	136.8	30	0	18	8,360	132.4	\$483.12
\$7,965.80	79,320	\$0.00	\$15.86	137.2	32	0	32	15,240	136.4	\$829.60
\$5,834.38	55,480	\$0.00	\$11.10	137.6	28	0	28	9,680	135.6	\$929.60
\$5,893.45	58,480	\$0.00	\$11.70	138.0	31	0	31	8,400	137.2	\$0.00
\$2,824.07	24,520	\$0.00	\$4.91	138.0	32	0	17	4,200	134.4	\$368.04
\$670.46	6,040	\$0.00	\$1.21	136.0	29	0	0	0	0.0	\$0.00
\$3,545.60	39,080	\$0.00	\$7.82	137.2	30	0	0	0	0.0	\$0.00
\$1,011.28	7,760	\$0.00	\$1.55	134.8	33	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$162.26	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.4	28	0	0	0	0.0	\$0.00
\$4,394.17	39,040	\$0.00	\$7.80	135.2	31	0	19	9,440	133.2	\$421.44
\$2,746.26	20,080	\$0.00	\$4.02	136.0	31	0	31	3,840	132.4	\$682.44
\$2,914.94	25,080	\$0.00	\$5.02	136.0	29	0	29	4,680	136.0	\$703.12
\$199.41	0	\$0.00	\$0.00	0.4	30	0	30	0	0.4	\$0.00
\$1,653.36	12,920	\$0.00	\$2.58	138.0	32	0	17	2,200	134.0	\$368.04
\$199.41	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$199.41	0	\$0.00	\$0.00	0.0	30	0	0	0	0.0	\$0.00

Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
\$1,201.84	12,920	\$0.00	\$3.88	134.0	29	0	0	0	0.0	\$0.00
\$2,378.08	32,440	\$0.00	\$9.73	137.2	29	0	0	0	0.0	\$0.00
\$3,850.05	49,280	\$0.00	\$14.78	137.2	32	0	15	4,680	136.8	\$332.01
\$6,879.96	88,800	\$0.00	\$26.64	132.0	30	0	30	15,640	131.6	\$682.44
\$5,864.72	71,400	\$0.00	\$21.42	134.8	29	0	29	12,800	134.8	\$0.00
\$5,052.19	59,280	\$0.00	\$17.78	135.6	32	0	32	9,760	135.2	\$697.75
\$2,343.92	23,000	\$0.00	\$6.90	137.6	31	0	13	2,800	136.8	\$382.05
\$489.37	680	\$0.00	\$0.20	134.8	29	0	0	0	0.0	\$0.00
\$245.24	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$438.30	120	\$0.00	\$0.04	130.4	31	0	0	0	0.0	\$0.00
\$245.24	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$245.24	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$2,480.20	33,720	\$0.00	\$7.42	136.8	29	0	0	0	0.0	\$0.00
\$2,861.85	49,480	\$0.00	\$10.89	135.2	29	0	0	0	0.0	\$0.00
\$4,168.78	66,560	\$0.00	\$14.64	136.8	32	0	16	8,040	134.8	\$517.73
\$5,234.78	78,720	\$0.00	\$17.32	135.2	30	0	30	15,160	133.2	\$1,020.11
\$4,041.02	50,280	\$0.00	\$11.06	135.6	29	0	29	10,640	134.8	\$1,035.45
\$4,449.63	57,696	\$0.00	\$12.69	134.6	32	0	32	12,485	133.1	\$1,020.11
\$2,072.45	20,743	\$0.00	\$4.56	134.2	31	0	12	3,881	127.8	\$380.04
\$47.95	0	\$0.00	\$0.00	0.2	31	0	0	0	0.0	\$0.00
\$782.28	3,809	\$0.00	\$0.84	134.4	30	0	0	0	0.0	\$0.00
\$1,392.99	14,033	\$0.00	\$3.09	134.7	33	0	0	0	0.0	\$0.00
\$599.93	613	\$0.00	\$0.13	134.6	30	0	0	0	0.0	\$0.00
\$1,429.23	14,125	\$0.00	\$3.11	133.6	29	0	0	0	0.0	\$0.00
\$3,202.31	43,448	\$0.00	\$9.56	135.2	29	0	0	0	0.0	\$0.00
\$3,012.13	40,891	\$0.00	\$9.00	134.6	31	0	0	0	0.0	\$0.00
\$4,754.44	62,422	\$0.00	\$13.73	135.0	30	0	17	6,935	133.9	\$534.57
\$4,930.54	59,342	\$0.00	\$13.06	134.1	29	0	29	11,709	133.6	\$943.36
\$3,979.55	33,549	\$0.00	\$7.38	134.1	32	0	32	7,195	134.1	\$0.00
\$2,756.42	14,821	\$0.00	\$3.26	132.3	30	0	30	2,081	131.8	\$0.00
\$63.25	0	\$0.00	\$0.00	0.2	30	0	11	0	0.0	\$0.00
\$63.25	0	\$0.00	\$0.00	0.2	31	0	0	0	0.0	\$0.00
\$63.25	0	\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00
\$63.25	0	\$0.00	\$0.00	0.2	33	0	0	0	0.0	\$0.00
\$66.19	0	\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	28	0	0	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	33	0	17	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	29	0	29	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	29	0	29	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	33	0	33	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	30	0	18	0	0.0	\$0.00
\$75.86	0	\$0.00	\$0.00	0.2	29	0	0	0	0.0	\$0.00
\$924.60	4,109	\$0.00	\$0.90	126.4	33	0	0	0	0.0	\$0.00
\$675.86	0	\$0.00	\$0.00	0.2	33	0	0	0	0.0	\$0.00
\$675.86	0	\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00
\$693.28	157	\$0.00	\$0.03	133.6	28	0	0	0	0.0	\$0.00
\$3,344.16	40,544	\$0.00	\$8.92	134.9	32	0	0	0	0.0	\$0.00
\$4,266.77	50,647	\$0.00	\$11.14	134.7	30	0	0	0	0.0	\$0.00
\$4,943.03	55,900	\$0.00	\$12.30	134.6	30	0	19	8,356	133.4	\$0.00

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Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
\$5,887.52	68,331	\$0.00	\$15.03	133.8	31	0	31	12,131	130.2	\$0.00
\$6,165.22	71,624	\$0.00	\$15.76	133.4	29	0	29	13,536	130.4	\$0.00
\$4,220.84	42,020	\$0.00	\$9.24	134.6	31	0	31	5,988	133.4	\$0.00
\$2,122.11	14,352	\$0.00	\$3.16	134.2	32	0	12	737	123.0	\$0.00
\$83.73	0	\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00
\$1,443.54	10,365	\$0.00	\$2.28	133.8	30	0	0	0	0.0	\$0.00
\$790.11	475	\$0.00	\$0.10	134.9	32	0	0	0	0.0	\$0.00
\$83.73	0	\$0.00	\$0.00	0.2	30	0	0	0	0.0	\$0.00
\$1,258.62	9,242	\$0.00	\$2.03	134.6	32	0	0	0	0.0	\$0.00
\$2,884.03	29,895	\$0.00	\$6.58	133.6	29	0	0	0	0.0	\$0.00
\$3,617.45	43,943	\$0.00	\$9.67	134.7	30	0	0	0	0.0	\$0.00
\$5,129.26	60,262	\$0.00	\$13.26	134.7	32	0	22	7,804	132.6	\$0.00
\$5,791.98	65,708	\$0.00	\$14.46	134.1	30	0	30	11,387	133.4	\$0.00
\$6,244.31	71,279	\$0.00	\$15.68	133.4	29	0	29	13,447	133.4	\$0.00
\$5,946.01	67,738	\$0.00	\$14.90	134.7	32	0	32	11,243	134.7	\$0.00
\$1,315.73	11,353	\$0.00	\$2.50	134.1	9	0	9	2,549	132.8	\$0.00
\$839.37	1,409	\$0.00	\$0.31	133.6	22	0	0	0	0.0	\$0.00

Summer Onpeak KWH \$	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Midpeak KWH \$	Summer Offpeak KWH	Summer Offpeak KW
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$312.51	3,200	136.8	\$0.00	\$170.24	4,160	138.4
\$914.51	13,760	137.6	\$0.00	\$732.03	24,280	137.2
\$664.50	12,840	137.2	\$0.00	\$683.09	25,720	137.6
\$509.89	9,760	138.0	\$0.00	\$519.23	23,240	137.6
\$95.40	1,840	133.2	\$0.00	\$97.89	6,920	138.4
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$622.21	5,600	131.6	\$0.00	\$437.92	2,800	138.4
\$449.37	4,360	136.0	\$0.00	\$340.95	4,080	134.0
\$449.37	4,360	131.6	\$0.00	\$340.95	12,640	136.4
\$126.75	1,040	135.2	\$0.00	\$81.33	880	137.6
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$1,204.09	10,080	131.6	\$0.00	\$788.26	11,960	136.8
\$2,195.02	21,280	134.0	\$0.00	\$1,664.10	42,800	137.2
\$1,394.21	14,440	130.4	\$0.00	\$1,129.21	31,360	137.6
\$0.00	13,640	137.6	\$0.00	\$0.00	36,440	138.0
\$599.97	4,800	128.0	\$0.00	\$372.38	11,280	138.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$1,348.50	7,480	134.4	\$0.00	\$580.30	10,000	135.2
\$548.54	3,200	136.0	\$0.00	\$248.26	13,040	134.8
\$0.00	6,720	128.4	\$0.00	\$0.00	13,680	131.2
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$24.55	0	138.0	\$0.00	\$0.00	2,520	128.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0

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Summer Onpeak KWH \$	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Midpeak KWH \$	Summer Offpeak KWH	Summer Offpeak KW
\$106.63	18,567	133.0	\$0.00	\$163.20	37,633	133.8
\$118.98	19,989	133.1	\$0.00	\$175.70	38,099	133.4
\$52.63	9,174	134.6	\$0.00	\$80.64	26,858	131.5
\$6.48	862	132.3	\$0.00	\$7.56	864	128.6
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0
\$46.04	10,085	129.8	\$0.00	\$59.50	22,955	132.5
\$67.18	17,184	132.2	\$0.00	\$101.39	37,137	134.1
\$79.34	19,945	133.0	\$0.00	\$117.68	37,887	131.4
\$66.33	17,947	134.2	\$0.00	\$105.89	38,548	133.1
\$15.04	3,984	128.8	\$0.00	\$23.51	4,820	134.1
\$0.00	0	0.0	\$0.00	\$0.00	0	0.0

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Summer Offpeak KW \$	Summer Offpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Offpeak KWH
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	33	0	0.0	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	0
\$0.00	\$0.00	28	4,040	138.0	\$0.00	1,080
\$0.00	\$0.00	29	3,760	138.0	\$0.00	2,800
\$0.00	\$184.33	17	11,680	137.0	\$0.00	13,320
\$0.00	\$1,075.85	0	0	0.0	\$0.00	0
\$0.00	\$1,139.65	0	0	0.0	\$0.00	0
\$0.00	\$1,029.76	0	0	0.0	\$0.00	0
\$0.00	\$306.63	18	920	134.0	\$0.00	240
\$0.00	\$0.00	29	0	0.0	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	33	80	116.0	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	0
\$0.00	\$0.00	29	18,320	137.0	\$0.00	9,760
\$0.00	\$0.00	31	17,640	138.0	\$0.00	15,480
\$0.00	\$194.07	13	8,160	134.0	\$0.00	3,120
\$0.00	\$876.08	0	0	0.0	\$0.00	0
\$0.00	\$60.99	0	0	0.0	\$0.00	0
\$0.00	\$0.00	12	0	0.0	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	0
\$0.00	\$0.00	28	0	0.0	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	0
\$0.00	\$828.95	12	4,880	137.0	\$0.00	2,160
\$0.00	\$2,966.47	0	0	0.0	\$0.00	0
\$0.00	\$2,173.56	0	0	0.0	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	0
\$0.00	\$775.73	15	1,200	138.0	\$0.00	3,040
\$0.00	\$0.00	29	4,400	136.0	\$0.00	1,640
\$0.00	\$0.00	30	20,880	137.0	\$0.00	18,200
\$0.00	\$0.00	33	5,440	133.0	\$0.00	2,320
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	0
\$0.00	\$0.00	28	0	0.4	\$0.00	0
\$0.00	\$687.70	12	6,640	135.0	\$0.00	5,480
\$0.00	\$896.76	0	0	0.0	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	0
\$0.00	\$28.12	15	7,560	138.0	\$0.00	640
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	0

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Summer Offpeak KW \$	Summer Offpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KWH \$	Winter Midpeak KW \$	Winter Offpeak KWH
\$0.00	\$0.00	29	4,520	134.0	\$0.00	\$49.99	8,400
\$0.00	\$0.00	29	19,080	136.0	\$0.00	\$211.02	13,360
\$0.00	\$184.04	17	9,600	134.0	\$0.00	\$106.18	11,280
\$0.00	\$550.79	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$434.52	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$30.32	18	8,000	133.0	\$0.00	\$96.24	6,680
\$0.00	\$0.00	29	560	128.0	\$0.00	\$6.74	120
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	120	130.0	\$0.00	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	20,200	136.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	17,560	135.0	\$0.00	\$240.40	13,520
\$0.00	\$285.30	16	12,160	135.0	\$0.00	\$166.47	31,920
\$0.00	\$567.86	0	0	0.0	\$0.00	\$0.00	14,480
\$0.00	\$332.81	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$378.22	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$60.51	19	4,286	134.0	\$0.00	\$60.65	2,991
\$0.00	\$0.00	31	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	30	2,159	134.0	\$0.00	\$30.55	1,650
\$0.00	\$0.00	33	8,170	134.0	\$0.00	\$0.00	5,863
\$0.00	\$0.00	30	461	135.0	\$0.00	\$0.00	152
\$0.00	\$0.00	29	7,525	134.0	\$0.00	\$121.98	6,600
\$0.00	\$0.00	29	15,709	135.0	\$0.00	\$0.00	27,739
\$0.00	\$0.00	31	18,223	134.0	\$0.00	\$305.42	22,668
\$0.00	\$312.60	13	11,010	135.0	\$0.00	\$184.53	16,258
\$0.00	\$525.41	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$77.20	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	19	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	30	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	33	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	30	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	28	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	16	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	12	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	33	2,151	126.0	\$0.00	\$17.44	1,958
\$0.00	\$0.00	33	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	30	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	28	157	134.0	\$0.00	\$0.00	0
\$0.00	\$0.00	32	18,038	135.0	\$0.00	\$0.00	22,506
\$0.00	\$0.00	30	28,035	135.0	\$0.00	\$247.83	22,612
\$0.00	\$165.64	11	7,633	135.0	\$0.00	\$67.48	11,147

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Summer Offpeak KW \$	Summer Offpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Midpeak KWH \$	Winter Offpeak KWH
\$0.00	\$330.79	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$334.89	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$236.08	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$7.59	20	7,199	134.0	\$0.00	\$63.28	4,690
\$0.00	\$0.00	30	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	30	5,077	131.0	\$0.00	\$44.63	5,288
\$0.00	\$0.00	32	475	135.0	\$0.00	\$0.00	0
\$0.00	\$0.00	30	0	0.2	\$0.00	\$0.00	0
\$0.00	\$0.00	32	1,574	135.0	\$0.00	\$0.00	7,668
\$0.00	\$0.00	29	18,479	134.0	\$0.00	\$0.00	11,416
\$0.00	\$0.00	30	20,537	133.0	\$0.00	\$113.16	23,406
\$0.00	\$135.43	10	6,466	135.0	\$0.00	\$35.63	12,952
\$0.00	\$219.11	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$223.53	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$227.43	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$28.44	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	22	314	134.0	\$0.00	\$2.25	1,095

Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$	Year	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Pumping Head (ft)	Wire to Water		Volume (AF)	AF/dy	GPM
									Efficiency (%)	Efficiency (%)			
0.0	\$0.00	\$0.00	2000	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2000	33	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2000	29	0	292	228	520	67.0%	67.0%	0	0	0
139.0	\$0.00	\$54.97	2000	28	183	292	228	520	67.0%	67.0%	6	0	52
138.0	\$0.00	\$142.52	2000	29	226	292	228	520	67.0%	67.0%	8	0	64
137.0	\$0.00	\$677.99	2000	33	1,096	292	228	520	67.0%	67.0%	45	1	312
0.0	\$0.00	\$0.00	2000	29	1,695	292	228	520	67.0%	67.0%	62	2	483
0.0	\$0.00	\$0.00	2000	30	1,555	292	228	520	67.0%	67.0%	59	2	443
0.0	\$0.00	\$0.00	2000	31	1,265	292	228	520	67.0%	67.0%	49	2	360
132.0	\$0.00	\$12.22	2000	31	357	292	228	520	67.0%	67.0%	14	0	102
0.0	\$0.00	\$0.00	2000	29	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2000	32	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2001	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2001	33	2	292	228	520	67.0%	67.0%	0	1	1
0.0	\$0.00	\$0.00	2001	29	0	292	228	520	67.0%	67.0%	0	0	0
140.0	\$0.00	\$496.78	2001	29	968	292	228	520	67.0%	67.0%	35	1	276
139.0	\$0.00	\$787.93	2001	31	1,068	292	228	520	67.0%	67.0%	42	1	304
138.0	\$0.00	\$158.81	2001	29	828	292	228	520	67.0%	67.0%	30	1	236
0.0	\$0.00	\$0.00	2001	31	373	292	228	520	67.0%	67.0%	15	0	106
0.0	\$0.00	\$0.00	2001	31	649	292	228	520	67.0%	67.0%	25	1	185
0.0	\$0.00	\$0.00	2001	30	93	292	228	520	67.0%	67.0%	4	0	27
0.0	\$0.00	\$0.00	2001	30	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2001	31	0	292	228	520	67.0%	67.0%	0	0	0
0.4	\$0.00	\$0.00	2001	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2002	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2002	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2002	29	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2002	28	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2002	32	0	292	228	520	67.0%	67.0%	0	0	0
136.0	\$0.00	\$163.94	2002	30	1,248	292	228	520	67.0%	67.0%	47	2	355
0.0	\$0.00	\$0.00	2002	32	2,479	292	228	520	67.0%	67.0%	100	3	706
0.0	\$0.00	\$0.00	2002	28	1,981	292	228	520	67.0%	67.0%	70	2	564
0.0	\$0.00	\$0.00	2002	31	1,886	292	228	520	67.0%	67.0%	74	2	537
138.0	\$0.00	\$228.21	2002	32	766	292	228	520	67.0%	67.0%	31	1	218
135.0	\$0.00	\$123.11	2002	29	208	292	228	520	67.0%	67.0%	8	0	59
137.0	\$0.00	\$1,366.27	2002	30	1,303	292	228	520	67.0%	67.0%	49	2	371
135.0	\$0.00	\$0.00	2003	33	235	292	228	520	67.0%	67.0%	10	0	67
0.0	\$0.00	\$0.00	2003	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2003	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2003	29	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2003	28	0	292	228	520	67.0%	67.0%	0	0	0
133.0	\$0.00	\$411.38	2003	31	1,259	292	228	520	67.0%	67.0%	49	2	359
0.0	\$0.00	\$0.00	2003	31	648	292	228	520	67.0%	67.0%	25	1	184
0.0	\$0.00	\$0.00	2003	29	865	292	228	520	67.0%	67.0%	32	1	246
0.0	\$0.00	\$0.00	2003	30	0	292	228	520	67.0%	67.0%	0	0	0
138.0	\$0.00	\$7.14	2003	32	404	292	228	520	67.0%	67.0%	16	1	115
0.0	\$0.00	\$0.00	2003	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2003	32	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2004	31	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2004	32	0	292	228	520	67.0%	67.0%	0	0	0
0.0	\$0.00	\$0.00	2004	29	0	292	228	520	67.0%	67.0%	0	0	0

Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$	Year	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Total Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/day	GPM
129.0	\$0.00	\$92.90	2004	29	446	292	228	520	67.0%	16	1	127
137.0	\$0.00	\$147.76	2004	29	1,119	292	228	520	67.0%	41	1	319
137.0	\$0.00	\$124.76	2004	32	1,540	292	228	520	67.0%	62	2	438
0.0	\$0.00	\$0.00	2004	30	2,960	292	228	520	67.0%	112	4	843
0.0	\$0.00	\$0.00	2004	29	2,462	292	228	520	67.0%	90	3	701
0.0	\$0.00	\$0.00	2004	32	1,853	292	228	520	67.0%	75	2	527
138.0	\$0.00	\$80.36	2004	31	742	292	228	520	67.0%	29	1	211
135.0	\$0.00	\$1.44	2004	29	23	292	228	520	67.0%	1	0	7
0.0	\$0.00	\$0.00	2004	32	0	292	228	520	67.0%	0	0	0
0.0	\$0.00	\$0.00	2005	31	4	292	228	520	67.0%	0	0	1
0.0	\$0.00	\$0.00	2005	32	0	292	228	520	67.0%	0	0	0
0.0	\$0.00	\$0.00	2005	29	0	292	228	520	67.0%	0	0	0
137.0	\$0.00	\$0.00	2005	29	1,163	292	228	520	67.0%	42	1	331
135.0	\$0.00	\$436.98	2005	29	1,706	292	228	520	67.0%	62	2	486
137.0	\$0.00	\$198.23	2005	32	2,080	292	228	520	67.0%	84	3	592
0.0	\$0.00	\$0.00	2005	30	2,624	292	228	520	67.0%	99	3	747
0.0	\$0.00	\$0.00	2005	29	1,734	292	228	520	67.0%	63	2	494
0.0	\$0.00	\$0.00	2005	32	1,803	290	254	544	51.1%	53	2	374
134.0	\$0.00	\$42.32	2005	31	669	290	254	544	51.1%	19	1	139
0.2	\$0.00	\$0.00	2005	31	0	290	254	544	51.1%	0	0	0
134.0	\$0.00	\$23.35	2005	30	127	287	187	475	71.9%	6	0	43
135.0	\$0.00	\$0.00	2006	33	425	293	259	552	63.7%	16	0	108
132.0	\$0.00	\$0.00	2006	30	20	293	259	552	63.7%	1	0	5
133.0	\$0.00	\$106.99	2006	29	487	293	259	552	63.7%	16	1	124
135.0	\$0.00	\$379.92	2006	31	1,319	293	259	552	63.7%	46	2	382
131.0	\$0.00	\$272.48	2006	30	2,081	293	259	552	63.7%	70	2	531
0.0	\$0.00	\$0.00	2006	29	2,046	293	259	552	63.7%	67	2	522
0.0	\$0.00	\$0.00	2006	32	1,048	293	259	552	63.7%	38	1	267
0.0	\$0.00	\$0.00	2006	30	494	293	259	552	63.7%	17	1	126
0.2	\$0.00	\$0.00	2006	30	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2006	31	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2006	30	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	33	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	30	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	29	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	29	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	28	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	33	0	293	259	552	63.7%	0	0	0
0.0	\$0.00	\$0.00	2007	29	0	293	259	552	63.7%	0	0	0
0.0	\$0.00	\$0.00	2007	29	0	293	259	552	63.7%	0	0	0
0.0	\$0.00	\$0.00	2007	33	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	30	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	29	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2007	33	125	293	259	552	63.7%	5	0	32
0.2	\$0.00	\$15.98	2008	33	0	293	259	552	63.7%	0	0	0
0.2	\$0.00	\$0.00	2008	30	0	293	259	552	63.7%	0	0	0
0.0	\$0.00	\$0.00	2008	28	6	293	259	552	63.7%	0	0	1
135.0	\$0.00	\$0.00	2008	32	1,267	293	259	552	63.7%	46	1	323
134.0	\$0.00	\$199.89	2008	30	1,688	293	259	552	63.7%	57	2	431
134.0	\$0.00	\$98.54	2008	30	1,863	293	259	552	63.7%	63	2	475

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Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$	Year	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Total Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/Idy	GPM
0.0	\$0.00	\$0.00	2008	31	2,204	293	259	552	63.7%	77	2	562
0.0	\$0.00	\$0.00	2008	29	2,470	293	259	552	63.7%	81	3	630
0.0	\$0.00	\$0.00	2008	31	1,355	293	259	552	63.7%	47	2	346
133.0	\$0.00	\$41.23	2008	32	449	293	259	552	63.7%	16	1	114
0.2	\$0.00	\$0.00	2008	30	0	293	259	552	63.7%	0	0	0
134.0	\$0.00	\$46.48	2008	30	346	293	259	552	63.7%	12	0	88
0.2	\$0.00	\$0.00	2009	32	15	293	259	552	63.7%	1	0	4
0.2	\$0.00	\$0.00	2009	30	0	293	259	552	63.7%	0	0	0
132.0	\$0.00	\$0.00	2009	32	289	293	259	552	63.7%	10	0	74
133.0	\$0.00	\$0.00	2009	29	1,031	293	259	552	63.7%	34	1	263
135.0	\$0.00	\$128.97	2009	30	1,465	293	259	552	63.7%	50	2	374
133.0	\$0.00	\$71.37	2009	32	1,883	293	259	552	63.7%	68	2	480
0.0	\$0.00	\$0.00	2009	30	2,190	293	259	552	63.7%	74	2	559
0.0	\$0.00	\$0.00	2009	29	2,458	293	259	552	63.7%	80	3	627
0.0	\$0.00	\$0.00	2009	32	2,117	293	259	552	63.7%	76	2	540
0.0	\$0.00	\$0.00	2009	9	1,261	293	259	552	63.7%	13	1	322
121.0	\$0.00	\$7.84	2009	22	64	293	259	552	63.7%	2	0	16

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Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2008	07/21/08	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2008	08/19/08	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2008	09/19/08	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2008	10/21/08	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	November, 2008	11/20/08	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	December, 2008	12/20/08	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	January, 2009	01/21/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	February, 2009	02/20/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	March, 2009	03/24/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	April, 2009	04/22/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	May, 2009	05/22/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	June, 2009	06/23/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2009	07/23/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2009	08/21/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2009	09/22/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2009	10/01/09	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2009	10/23/09	TOU-PA-B

Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
\$244.91	0	\$0.00	\$0.00	0.0	38	0	0	0	0.0	\$0.00
\$193.35	0	\$0.00	\$0.00	0.0	33	0	0	0	0.0	\$0.00
\$193.35	0	\$0.00	\$0.00	0.8	29	0	0	0	0.0	\$0.00
\$1,700.08	23,320	\$0.00	\$4.66	166.8	28	0	0	0	0.0	\$0.00
\$1,210.43	14,640	\$0.00	\$2.93	166.8	29	0	0	0	0.0	\$0.00
\$1,602.85	13,280	\$0.00	\$2.86	188.0	33	0	16	960	164.8	\$488.00
\$2,976.93	28,720	\$0.00	\$5.74	166.4	29	0	29	6,640	166.4	\$1,012.60
\$4,185.64	47,800	\$0.00	\$9.56	163.6	30	0	30	14,480	163.2	\$994.30
\$1,720.14	6,600	\$0.00	\$1.32	161.6	31	0	31	2,480	160.0	\$976.00
\$191.40	0	\$0.00	\$0.00	0.0	31	0	13	0	0.0	\$0.00
\$191.40	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$123.02	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$191.40	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$191.40	0	\$0.00	\$0.00	0.0	33	0	0	0	0.0	\$0.00
\$191.40	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$179.46	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$400.66	1,000	\$0.00	\$0.20	156.4	31	0	0	0	0.0	\$0.00
\$2,236.83	16,360	\$0.00	\$3.27	161.2	29	0	16	1,800	158.4	\$531.75
\$9,756.26	97,200	\$0.00	\$19.44	172.0	31	0	31	18,160	172.0	\$1,049.20
\$7,705.46	74,600	\$0.00	\$14.92	163.2	31	0	31	13,360	162.0	\$988.20
\$2,001.78	7,840	\$0.00	\$1.57	157.2	30	0	30	1,880	156.8	\$957.70
\$198.96	0	\$0.00	\$0.00	0.8	30	0	18	0	0.8	\$3.66
\$195.30	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$195.30	0	\$0.00	\$0.00	0.4	31	0	0	0	0.0	\$0.00
\$195.30	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$195.30	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$195.30	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$176.27	0	\$0.00	\$0.00	0.0	28	0	0	0	0.0	\$0.00
\$195.30	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$5,081.00	45,720	\$0.00	\$9.14	158.4	30	0	18	10,200	156.0	\$570.96
\$9,788.40	98,200	\$0.00	\$19.64	159.2	32	0	32	19,080	158.4	\$963.80
\$7,226.78	69,840	\$0.00	\$13.97	159.2	28	0	28	12,160	158.4	\$963.80
\$7,210.92	70,120	\$0.00	\$14.02	173.2	31	0	31	11,120	173.2	\$0.00
\$3,906.25	34,800	\$0.00	\$6.96	158.8	32	0	17	7,160	158.4	\$433.96
\$1,065.15	7,680	\$0.00	\$1.54	158.8	29	0	0	0	0.0	\$0.00
\$4,417.18	49,120	\$0.00	\$9.82	160.4	30	0	0	0	0.0	\$0.00
\$1,544.04	13,800	\$0.00	\$2.76	159.6	33	0	0	0	0.0	\$0.00
\$403.44	320	\$0.00	\$0.06	140.4	31	0	0	0	0.0	\$0.00
\$310.02	80	\$0.00	\$0.02	111.2	31	0	0	0	0.0	\$0.00
\$197.59	0	\$0.00	\$0.00	0.0	29	0	0	0	0.0	\$0.00
\$244.23	0	\$0.00	\$0.00	0.4	28	0	0	0	0.0	\$0.00
\$5,218.37	46,520	\$0.00	\$9.31	158.4	31	0	19	11,240	157.2	\$497.49
\$3,066.57	20,960	\$0.00	\$4.19	158.8	31	0	31	4,600	157.6	\$816.86
\$3,066.24	25,200	\$0.00	\$5.04	158.8	29	0	29	4,160	158.0	\$816.86
\$3,681.15	36,880	\$0.00	\$7.38	158.8	31	0	31	6,680	158.4	\$0.00
\$1,834.68	4,200	\$0.00	\$0.84	158.8	32	0	16	1,800	158.8	\$411.02
\$226.80	0	\$0.00	\$0.00	0.0	30	0	0	0	0.0	\$0.00
\$224.31	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$224.31	0	\$0.00	\$0.00	0.0	31	0	0	0	0.0	\$0.00
\$224.31	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$224.31	0	\$0.00	\$0.00	0.4	29	0	0	0	0.0	\$0.00

Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
\$1,712.47	20,040	\$0.00	\$6.01	158.0	29	0	0	0	0.0	\$0.00
\$2,955.90	40,800	\$0.00	\$12.24	160.8	29	0	0	0	0.0	\$0.00
\$4,804.88	62,400	\$0.00	\$18.72	160.8	32	0	15	5,960	159.6	\$387.75
\$8,667.17	112,920	\$0.00	\$37.88	158.8	30	0	30	19,720	158.8	\$822.03
\$7,373.78	91,320	\$0.00	\$27.40	159.2	29	0	29	16,360	158.8	\$0.00
\$6,726.37	65,560	\$0.00	\$19.67	159.6	32	0	32	12,440	158.8	\$1,057.35
\$2,467.37	22,840	\$0.00	\$6.85	159.2	31	0	13	3,200	158.0	\$440.62
\$569.48	840	\$0.00	\$0.25	158.0	29	0	0	0	0.0	\$0.00
\$278.68	0	\$0.00	\$0.00	0.0	32	0	0	0	0.0	\$0.00
\$527.33	134	1/0/1900	\$0.04	\$159.00	31	\$0.00	\$0.00	0	0.0	\$0.00
\$278.68	0	1/0/1900	\$0.00	\$0.00	32	\$0.00	\$0.00	0	0.0	\$0.00
\$278.68	0	1/0/1900	\$0.00	\$0.00	29	\$0.00	\$0.00	0	0.0	\$0.00
\$3,052.79	41,966	1/0/1900	\$9.23	\$162.70	29	\$0.00	\$0.00	0	0.0	\$0.00
\$3,003.98	50,186	1/0/1900	\$11.04	\$161.10	29	\$0.00	\$16.00	8,713	158.9	\$609.77
\$3,738.74	53,450	1/0/1900	\$11.76	\$160.60	32	\$0.00	\$30.00	19,848	160.0	\$1,227.20
\$6,650.20	102,449	1/0/1900	\$22.54	\$160.30	30	\$0.00	\$29.00	9,695	159.5	\$1,227.20
\$4,016.89	43,403	1/0/1900	\$9.55	\$159.80	29	\$0.00	\$32.00	8,063	160.6	\$1,234.87
\$4,132.62	47,032	1/0/1900	\$10.35	\$161.30	32	\$0.00	\$12.00	3,061	160.5	\$476.05
\$2,217.50	19,771	1/0/1900	\$4.35	\$160.80	31	\$0.00	\$0.00	0	0.0	\$0.00
\$47.95	0	1/0/1900	\$0.00	\$0.00	31	\$0.00	\$0.00	0	0.0	\$0.00
\$921.80	4,502	1/0/1900	\$0.99	\$159.70	30	\$0.00	\$0.00	0	0.0	\$0.00
\$1,688.70	17,276	1/0/1900	\$3.80	\$161.90	33	\$0.00	\$0.00	0	0.0	\$0.00
\$697.54	706	1/0/1900	\$0.16	\$159.00	30	\$0.00	\$0.00	0	0.0	\$0.00
\$1,753.02	17,679	1/0/1900	\$3.89	\$161.40	29	\$0.00	\$0.00	0	0.0	\$0.00
\$3,982.39	54,565	1/0/1900	\$12.00	\$161.30	29	\$0.00	\$0.00	0	0.0	\$0.00
\$3,731.68	51,220	1/0/1900	\$11.27	\$160.60	31	\$0.00	\$0.00	0	0.0	\$0.00
\$5,865.75	77,944	1/0/1900	\$17.15	\$160.00	30	\$0.00	\$17.00	8,650	159.5	\$638.29
\$6,058.24	74,000	1/0/1900	\$16.28	\$161.00	29	\$0.00	\$29.00	14,604	159.4	\$1,119.36
\$7,423.71	81,644	1/0/1900	\$17.96	\$161.00	32	\$0.00	\$32.00	15,570	168.4	\$0.00
\$7,702.40	76,520	1/0/1900	\$16.83	\$169.80	30	\$0.00	\$30.00	14,594	167.0	\$0.00
\$921.79	3,125	1/0/1900	\$0.69	\$159.20	30	\$0.00	\$11.00	0	0.0	\$0.00
\$63.25	0	1/0/1900	\$0.00	\$0.00	31	\$0.00	\$0.00	0	0.0	\$0.00
\$63.25	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00
\$63.25	0	1/0/1900	\$0.00	\$0.00	33	\$0.00	\$0.00	0	0.0	\$0.00
\$66.19	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00
\$75.86	0	1/0/1900	\$0.00	\$0.00	29	\$0.00	\$0.00	0	0.0	\$0.00
\$1,066.50	3,368	1/0/1900	\$0.74	\$159.70	29	\$0.00	\$0.00	0	0.0	\$0.00
\$3,070.89	32,834	1/0/1900	\$7.22	\$160.30	28	\$0.00	\$0.00	0	0.0	\$0.00
\$5,530.59	62,494	1/0/1900	\$13.75	\$160.50	33	\$0.00	\$17.00	6,300	159.7	\$0.00
\$6,533.94	71,308	1/0/1900	\$15.69	\$159.70	29	\$0.00	\$29.00	12,280	159.2	\$0.00
\$6,901.18	72,828	1/0/1900	\$16.02	\$159.80	29	\$0.00	\$29.00	14,758	159.4	\$0.00
\$5,482.14	52,021	1/0/1900	\$11.44	\$159.40	33	\$0.00	\$33.00	11,029	159.0	\$0.00
\$2,099.69	8,249	1/0/1900	\$1.81	\$159.70	30	\$0.00	\$18.00	844	158.4	\$0.00
\$75.86	0	1/0/1900	\$0.00	\$0.00	29	\$0.00	\$0.00	0	0.0	\$0.00
\$1,183.16	5,822	1/0/1900	\$1.28	\$156.90	33	\$0.00	\$0.00	0	0.0	\$0.00
\$975.86	0	1/0/1900	\$0.00	\$0.00	33	\$0.00	\$0.00	0	0.0	\$0.00
\$875.86	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00
\$2,014.31	17,802	1/0/1900	\$3.92	\$160.00	28	\$0.00	\$0.00	0	0.0	\$0.00
\$4,680.97	58,966	1/0/1900	\$12.97	\$160.30	32	\$0.00	\$0.00	0	0.0	\$0.00
\$5,469.21	66,679	1/0/1900	\$14.67	\$159.50	30	\$0.00	\$0.00	0	0.0	\$0.00
\$6,329.25	74,869	1/0/1900	\$16.47	\$159.40	30	\$0.00	\$19.00	10,665	158.9	\$0.00

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Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
\$7,694.05	92,572	1/0/1900	\$20.37	\$159.40	31	\$0.00	\$31.00	16,457	159.2	\$0.00
\$8,739.19	108,790	1/0/1900	\$23.93	\$159.50	29	\$0.00	\$29.00	19,741	159.5	\$0.00
\$5,323.37	54,716	1/0/1900	\$12.04	\$160.00	31	\$0.00	\$31.00	7,865	159.8	\$0.00
\$2,712.61	20,740	1/0/1900	\$4.56	\$159.70	32	\$0.00	\$12.00	948	158.4	\$0.00
\$83.73	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00
\$852.98	95	1/0/1900	\$0.02	\$153.80	30	\$0.00	\$0.00	0	0.0	\$0.00
\$1,030.55	1,993	1/0/1900	\$0.44	\$160.60	32	\$0.00	\$0.00	0	0.0	\$0.00
\$1,202.05	4,176	1/0/1900	\$0.92	\$159.00	30	\$0.00	\$0.00	0	0.0	\$0.00
\$1,936.76	18,034	1/0/1900	\$3.97	\$160.30	32	\$0.00	\$0.00	0	0.0	\$0.00
\$3,632.34	39,168	1/0/1900	\$8.62	\$160.00	29	\$0.00	\$0.00	0	0.0	\$0.00
\$4,433.48	54,012	1/0/1900	\$11.88	\$159.70	30	\$0.00	\$0.00	0	0.0	\$0.00
\$6,611.28	82,045	1/0/1900	\$18.05	\$159.20	32	\$0.00	\$22.00	9,938	158.2	\$0.00
\$7,843.60	92,780	1/0/1900	\$20.41	\$159.20	30	\$0.00	\$30.00	17,434	159.0	\$0.00
\$7,853.35	91,458	1/0/1900	\$20.12	\$158.70	29	\$0.00	\$29.00	17,863	158.4	\$0.00
\$7,500.22	88,542	1/0/1900	\$19.48	\$159.50	32	\$0.00	\$32.00	15,079	159.2	\$0.00
\$1,507.71	12,145	1/0/1900	\$2.67	\$158.10	9	\$0.00	\$9.00	3,261	158.1	\$0.00
\$978.79	1,813	1/0/1900	\$0.40	\$157.10	22	\$0.00	\$0.00	0	0.0	\$0.00

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Summer Onpeak KWH \$	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Midpeak KWH \$	Summer Offpeak KWH	Summer Offpeak KW
24,987	24,987	159.2	0	0	51,128	159.4
29,523	29,523	159.5	0	0	59,526	159.5
13,022	13,022	160.0	0	0	33,829	159.4
1,084	1,084	158.6	0	0	4,204	159.7
0	0	0.0	0	0	0	0.0
0	0	0.0	0	0	0	0.0
0	0	0.0	0	0	0	0.0
0	0	0.0	0	0	0	0.0
0	0	0.0	0	0	0	0.0
0	0	0.0	0	0	0	0.0
0	0	0.0	0	0	0	0.0
13,849	13,849	158.4	0	0	33,235	158.9
25,495	25,495	159.2	0	0	49,851	159.0
25,758	25,758	158.7	0	0	47,837	158.6
22,523	22,523	159.4	0	0	50,940	159.5
4,568	4,568	158.1	0	0	4,316	158.1
0	0	0.0	0	0	0	0.0

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Summer Offpeak KW \$	Summer Offpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Midpeak KWH \$	Winter Offpeak KWH
\$0.00	\$0.00	38	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	33	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	1.0	\$0.00	\$0.00	0
\$0.00	\$0.00	28	13,600	166.0	\$0.00	\$847.42	9,720
\$0.00	\$0.00	29	9,560	167.0	\$0.00	\$595.68	5,080
\$0.00	\$15.95	17	4,440	168.0	\$0.00	\$276.66	6,360
\$0.00	\$565.40	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$643.38	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$118.75	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	18	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	33	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	680	155.0	\$0.00	\$42.37	320
\$0.00	\$651.51	13	1,240	156.0	\$0.00	\$77.26	280
\$0.00	\$3,678.97	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$2,777.94	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$219.02	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	12	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	28	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
\$0.00	\$1,009.15	12	5,920	157.0	\$0.00	\$516.88	2,640
\$0.00	\$3,648.48	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$2,733.59	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$1,015.05	15	1,640	158.0	\$0.00	\$141.60	3,840
\$0.00	\$0.00	29	5,640	158.0	\$0.00	\$486.96	2,040
\$0.00	\$0.00	30	26,080	160.0	\$0.00	\$2,251.75	23,040
\$0.00	\$0.00	33	6,840	159.0	\$0.00	\$0.00	6,960
\$0.00	\$0.00	31	280	140.0	\$0.00	\$24.18	40
\$0.00	\$0.00	31	0	0.0	\$0.00	\$0.00	80
\$0.00	\$0.00	29	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	28	0	0.4	\$0.00	\$0.00	0
\$0.00	\$819.74	12	7,920	158.0	\$0.00	\$683.81	6,560
\$0.00	\$814.24	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$14.28	16	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	30	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	31	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	29	0	0.4	\$0.00	\$0.00	0

Meter 13882382

Summer Offpeak KW \$	Summer Offpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Midpeak KWH \$	Winter Offpeak KWH
\$0.00	\$0.00	29	7,400	158.0	\$0.00	\$81.84	12,640
\$0.00	\$0.00	29	23,920	160.0	\$0.00	\$264.56	16,880
\$0.00	\$231.82	17	12,120	159.0	\$0.00	\$134.05	14,280
\$0.00	\$702.97	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$0.00	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$443.19	0	0	0.0	\$0.00	\$0.00	0
\$0.00	\$24.54	18	8,480	159.0	\$0.00	\$102.01	6,160
\$0.00	\$0.00	29	720	158.0	\$0.00	\$8.66	120
\$0.00	\$0.00	32	0	0.0	\$0.00	\$0.00	0
0	0	31	134	159.0	0	0	0
0	0	32	0	0.0	0	0	0
0	0	29	0	0.0	0	0	0
0	0	29	25,175	162.0	0	0	16,791
0	0	29	18,251	161.0	0	0	31,935
0	0	16	3,206	159.0	0	0	10,511
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	19	5,410	159.0	0	0	2,450
0	0	31	0	0.0	0	0	0
0	0	30	2,504	160.0	0	0	1,998
0	0	33	10,187	162.0	0	0	7,089
0	0	30	535	159.0	0	0	171
0	0	29	9,410	161.0	0	0	8,269
0	0	28	19,942	161.0	0	0	34,623
0	0	31	22,823	161.0	0	0	28,397
0	0	13	13,795	159.0	0	0	20,311
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	19	1,288	159.0	0	0	587
0	0	31	0	0.0	0	0	0
0	0	30	0	0.0	0	0	0
0	0	33	0	0.0	0	0	0
0	0	30	0	0.0	0	0	0
0	0	29	0	0.0	0	0	0
0	0	29	3,057	160.0	0	0	311
0	0	28	19,213	160.0	0	0	13,621
0	0	16	14,309	160.0	0	0	17,261
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	12	2,054	159.0	0	0	522
0	0	29	0	0.0	0	0	0
0	0	33	2,823	159.0	0	0	2,999
0	0	33	0	0.0	0	0	0
0	0	30	0	0.0	0	0	0
0	0	28	9,504	160.0	0	0	8,298
0	0	32	26,898	160.0	0	0	32,068
0	0	30	35,967	159.0	0	0	30,712
0	0	11	9,592	159.0	0	0	15,220

Meter 13882382

Summer Ofpeak KW \$	Summer Ofpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Midpeak KWH \$	Winter Ofpeak KWH
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	8,504	20	8,504	159.0	0	6,000	0
0	0	30	0	0.0	0	0	0
0	95	30	95	154.0	0	0	0
0	1,519	32	1,519	161.0	0	474	0
0	3,653	30	3,653	159.0	0	523	0
0	5,593	32	5,593	160.0	0	12,441	0
0	23,355	29	23,355	160.0	0	15,813	0
0	26,376	30	26,376	160.0	0	27,636	0
0	8,234	10	8,234	159.0	0	16,789	0
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	0	0	0	0.0	0	0	0
0	393	22	393	157.0	0	1,420	0

Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$	Year	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/dy	GPM	Total
0.0	\$0.00	\$0.00	2000	38	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2000	33	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2000	29	0	292	228	520	67.0%	0	0	0	0
167.0	\$0.00	\$494.75	2000	28	833	292	228	520	67.0%	29	1	237	0
167.0	\$0.00	\$258.57	2000	29	505	292	228	520	67.0%	18	1	144	0
167.0	\$0.00	\$323.72	2000	33	402	292	228	520	67.0%	17	1	115	0
0.0	\$0.00	\$0.00	2000	29	990	292	228	520	67.0%	36	1	282	0
0.0	\$0.00	\$0.00	2000	30	1,593	292	228	520	67.0%	60	2	454	0
0.0	\$0.00	\$0.00	2000	31	213	292	228	520	67.0%	8	0	61	0
0.0	\$0.00	\$0.00	2000	31	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2000	29	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2000	32	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2001	31	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2001	33	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2001	29	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2001	29	0	292	228	520	67.0%	0	0	0	0
156.0	\$0.00	\$16.29	2001	31	32	292	228	520	67.0%	1	0	9	0
156.0	\$0.00	\$14.25	2001	29	564	292	228	520	67.0%	21	1	161	0
0.0	\$0.00	\$0.00	2001	31	3,135	292	228	520	67.0%	122	4	893	0
0.0	\$0.00	\$0.00	2001	31	2,406	292	228	520	67.0%	94	3	685	0
0.0	\$0.00	\$0.00	2001	30	261	292	228	520	67.0%	10	0	74	0
0.0	\$0.00	\$0.00	2001	30	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2001	31	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2001	31	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2002	31	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2002	32	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2002	29	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2002	28	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2002	32	0	292	228	520	67.0%	0	0	0	0
158.0	\$0.00	\$200.38	2002	30	1,524	292	228	520	67.0%	58	2	434	0
0.0	\$0.00	\$0.00	2002	32	3,069	292	228	520	67.0%	124	4	874	0
0.0	\$0.00	\$0.00	2002	28	2,494	292	228	520	67.0%	88	3	710	0
0.0	\$0.00	\$0.00	2002	31	2,262	292	228	520	67.0%	88	3	644	0
159.0	\$0.00	\$288.27	2002	32	1,088	292	228	520	67.0%	44	1	310	0
159.0	\$0.00	\$153.14	2002	29	265	292	228	520	67.0%	10	0	75	0
160.0	\$0.00	\$1,729.61	2002	30	1,637	292	228	520	67.0%	62	2	466	0
160.0	\$0.00	\$0.00	2003	33	418	292	228	520	67.0%	17	1	119	0
105.0	\$0.00	\$3.00	2003	31	10	292	228	520	67.0%	0	0	3	0
111.0	\$0.00	\$6.01	2003	31	3	292	228	520	67.0%	0	0	1	0
0.0	\$0.00	\$0.00	2003	29	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2003	28	0	292	228	520	67.0%	0	0	0	0
158.0	\$0.00	\$492.46	2003	31	1,501	292	228	520	67.0%	59	2	427	0
0.0	\$0.00	\$0.00	2003	31	676	292	228	520	67.0%	26	1	193	0
0.0	\$0.00	\$0.00	2003	29	869	292	228	520	67.0%	32	1	247	0
0.0	\$0.00	\$0.00	2003	31	1,190	292	228	520	67.0%	46	1	339	0
0.0	\$0.00	\$0.00	2003	32	131	292	228	520	67.0%	5	0	37	0
0.0	\$0.00	\$0.00	2003	30	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2003	32	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2004	31	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2004	32	0	292	228	520	67.0%	0	0	0	0
0.0	\$0.00	\$0.00	2004	29	0	292	228	520	67.0%	0	0	0	0

Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$	Year	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/dy	GPM
157.0	\$0.00	\$139.80	2004	29	691	292	228	520	67.0%	25	1	197
161.0	\$0.00	\$186.69	2004	29	1,407	292	228	520	67.0%	51	2	401
160.0	\$0.00	\$157.94	2004	32	1,950	292	228	520	67.0%	79	2	555
0.0	\$0.00	\$0.00	2004	30	3,764	292	228	520	67.0%	142	5	1,072
0.0	\$0.00	\$0.00	2004	29	3,149	292	228	520	67.0%	115	4	897
0.0	\$0.00	\$0.00	2004	32	2,049	292	228	520	67.0%	82	3	583
159.0	\$0.00	\$74.10	2004	31	737	292	228	520	67.0%	29	1	210
158.0	\$0.00	\$1.44	2004	29	29	292	228	520	67.0%	1	0	8
0.0	\$0.00	\$0.00	2004	32	0	292	228	520	67.0%	0	0	0
0.0	0	0	2005	31	4	292	228	520	67.0%	0	0	1
0.0	0	0	2005	32	0	292	228	520	67.0%	0	0	0
0.0	0	0	2005	29	0	292	228	520	67.0%	0	0	0
163.0	0	0	2005	29	1,447	292	228	520	67.0%	53	2	412
161.0	0	0	2005	29	1,731	292	228	520	67.0%	63	2	493
161.0	0	0	2005	32	1,670	292	228	520	67.0%	67	2	476
0.0	0	0	2005	30	3,415	292	228	520	67.0%	129	4	972
0.0	0	0	2005	29	1,497	292	228	520	67.0%	55	2	426
0.0	0	0	2005	32	1,470	292	228	520	67.0%	59	2	418
159.0	0	0	2005	31	638	292	228	520	67.0%	25	1	182
0.0	0	0	2005	31	0	292	228	520	67.0%	0	0	0
158.0	0	0	2005	30	150	292	228	520	67.0%	6	0	43
162.0	0	0	2006	33	524	292	228	520	67.0%	22	1	149
159.0	0	0	2006	30	24	292	228	520	67.0%	1	0	7
161.0	0	0	2006	29	610	292	228	520	67.0%	22	1	174
161.0	0	0	2006	29	1,882	292	228	520	67.0%	69	2	536
160.0	0	0	2006	31	1,652	292	228	520	67.0%	64	2	470
160.0	0	0	2006	30	2,598	292	228	520	67.0%	98	3	740
0.0	0	0	2006	29	2,552	292	228	520	67.0%	93	3	727
0.0	0	0	2006	32	2,551	292	228	520	67.0%	103	3	726
0.0	0	0	2006	30	2,551	292	228	520	67.0%	96	3	726
159.0	0	0	2006	30	104	292	228	520	67.0%	4	0	30
0.0	0	0	2006	31	0	292	228	520	67.0%	0	0	0
0.0	0	0	2006	30	0	292	228	520	67.0%	0	0	0
0.0	0	0	2007	33	0	292	228	520	67.0%	0	0	0
0.0	0	0	2007	30	0	292	228	520	67.0%	0	0	0
0.0	0	0	2007	29	0	292	228	520	67.0%	0	0	0
159.0	0	0	2007	29	116	292	228	520	67.0%	4	0	33
160.0	0	0	2007	28	1,173	292	228	520	67.0%	41	1	334
160.0	0	0	2007	33	1,894	292	228	520	67.0%	79	2	539
0.0	0	0	2007	29	2,459	292	228	520	67.0%	90	3	700
0.0	0	0	2007	29	2,511	292	228	520	67.0%	92	3	715
0.0	0	0	2007	33	1,576	292	228	520	67.0%	65	2	449
159.0	0	0	2007	30	275	292	228	520	67.0%	10	0	78
0.0	0	0	2007	29	0	292	228	520	67.0%	0	0	0
159.0	0	0	2007	33	176	292	228	520	67.0%	7	0	50
0.0	0	0	2008	33	0	292	228	520	67.0%	0	0	0
0.0	0	0	2008	30	0	292	228	520	67.0%	0	0	0
160.0	0	0	2008	28	636	292	228	520	67.0%	22	1	181
160.0	0	0	2008	32	1,843	292	228	520	67.0%	74	2	525
160.0	0	0	2008	30	2,223	292	228	520	67.0%	84	3	633
159.0	0	0	2008	30	2,496	292	228	520	67.0%	94	3	711

Meter 13882382

Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$	Year	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Total Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/dy	GPM
0.0	0	0	2008	31	2,986	292	228	520	67.0%	116	4	850
0.0	0	0	2008	29	3,751	292	228	520	67.0%	137	5	1,068
0.0	0	0	2008	31	1,765	292	228	520	67.0%	69	2	503
158.0	0	0	2008	32	648	292	228	520	67.0%	26	1	185
0.0	0	0	2008	30	0	292	228	520	67.0%	0	0	0
0.0	0	0	2008	30	3	292	228	520	67.0%	0	0	1
158.0	0	0	2009	32	62	292	228	520	67.0%	3	0	18
159.0	0	0	2009	30	139	292	228	520	67.0%	5	0	40
160.0	0	0	2009	32	564	292	228	520	67.0%	23	1	160
160.0	0	0	2009	29	1,351	292	228	520	67.0%	49	2	385
160.0	0	0	2009	30	1,800	292	228	520	67.0%	68	2	513
158.0	0	0	2009	32	2,564	292	228	520	67.0%	103	3	730
0.0	0	0	2009	30	3,093	292	228	520	67.0%	117	4	881
0.0	0	0	2009	29	3,154	292	228	520	67.0%	115	4	898
0.0	0	0	2009	32	2,767	292	228	520	67.0%	111	3	788
0.0	0	0	2009	9	1,349	292	228	520	67.0%	15	2	384
157.0	0	0	2009	22	82	292	228	520	67.0%	2	0	23

DRC Pump Systems, Inc
 44434 90th Street East
 Lancaster, CA 93535-2413

Quote	
	Estimate #
6/4/2012	522

Name / Address
Rosamond Community Service District 3179 35th St. West Rosamond, CA 93560

Project

Description	Qty	Rate	Total
West well @ Gaskell and 180th St. West			
NOTE: West well fuses have been vandalized and need replacing. Oil reservoir is missing. There may be more damages since we have not been on site for a few weeks, which could change the quote totals.			
Labor to remove 200 HP motor, haul to DRC's shop and clean rats and bird nests from motor, replace oil reservoir and reinstall		1,200.00	1,200.00
Labor to sound well for water level and run test for GPM		600.00	600.00
600 amp fuses	3	188.00	564.00T
Oil reservoir	1	45.00	45.00T
TERMS: All parts and materials and generator rental must be paid for in advance of ordering. generator rental, with delivery and pick up : 1 day = \$2482.20			
Recommendations: DRC Pump Systems Inc. recommends that the motor and panel be stored off site, in a safe location, to prevent further vandalism			
		Subtotal	\$2,409.00
		Sales Tax (7.25%)	\$44.15
		Total	\$2,453.15

DRC Pump Systems, Inc
 44434 90th Street East
 Lancaster, CA 93535-2413

Quote	
	Estimate #
6/4/2012	521

Name / Address
Rosamond Community Service District 3179 35th St. West Rosamond, CA 93560

Project

Description	Qty	Rate	Total
REVISED: East well @ Gaskell and 180th St. West			
East well has been vandalized and will require the 125 HP motor to be rewound and the oil reservoir and control panel will also need to be replaced		1,200.00	1,200.00
Labor to sound well for water level and run test for GPM		600.00	600.00
125 HP electrical panel, size 5	1	5,404.00	5,404.00T
125 HP motor rewind	1	5,882.10	5,882.10T
30' of #350 wire		268.00	268.00T
600 amp fuses	3	188.00	564.00T
Oil reservoir with dripper	1	45.00	45.00T
<p>TERMS: All parts, materials and generator rental must be paid for in advance of ordering. Generator rental with delivery and pick up: 1 day = \$2482.20</p> <p>Recommendations: DRC Pump Systems, Inc. recommends that motor and panel be stored off site to prevent further vandalism.</p>			
Always a privilege to serve your pump needs. Thank you for choosing DRC Pumps.		Subtotal	\$13,963.10
		Sales Tax (7.25%)	\$881.82
		Total	\$14,844.92

DRC Pump Systems, Inc
 44434 90th Street East
 Lancaster, CA 93535-2413

Quote	
	Estimate #
6/4/2012	520

Name / Address
Rosamond Community Service District 3179 35th St. West Rosamond, CA 93560

Project

Description	Qty	Rate	Total
Pumps @ Gaskell and 180th St. West Pull both pumps and video wells to determine condition of wells and pumps	2	4,200.00	8,400.00
Always a privilege to serve your pump needs. Thank you for choosing DRC Pumps.		Subtotal	\$8,400.00
		Sales Tax (7.25%)	\$0.00
		Total	\$8,400.00

SCE_AlesssoFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Simt Rate
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-008522	183RD/N OF GASKILL	ROSAMOND	93560	June, 2004	06/21/04	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-008522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2004	07/21/04	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-008522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2004	08/19/04	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-008522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2004	09/20/04	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-008522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2004	10/21/04	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-008522	183RD/N OF GASKILL	ROSAMOND	93560	November, 2004	11/19/04	TOU-PA-7B
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-008522	183RD/N OF GASKILL	ROSAMOND	93560	December, 2004	12/21/04	TOU-PA-7B

SCE_AlessoFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH
ALESSO FARMS	4471	13882382	\$244.91	0	\$0.00	\$0.00	0.0	38	0	0	0
ALESSO FARMS	4471	13882382	\$193.35	0	\$0.00	\$0.00	0.0	33	0	0	0
ALESSO FARMS	4471	13882382	\$193.35	0	\$0.00	\$0.00	0.8	29	0	0	0
ALESSO FARMS	4471	13882382	\$1,700.08	23,320	\$0.00	\$4.66	166.8	28	0	0	0
ALESSO FARMS	4471	13882382	\$1,210.43	14,940	\$0.00	\$2.93	166.8	29	0	0	0
ALESSO FARMS	4471	13882382	\$1,602.85	13,280	\$0.00	\$2.66	168.0	33	0	16	960
ALESSO FARMS	4471	13882382	\$2,976.93	28,720	\$0.00	\$5.74	166.4	29	0	29	6,640
ALESSO FARMS	4471	13882382	\$4,185.64	47,800	\$0.00	\$9.56	163.6	30	0	30	14,480
ALESSO FARMS	4471	13882382	\$1,720.14	6,600	\$0.00	\$1.32	161.6	31	0	31	2,480
ALESSO FARMS	4471	13882382	\$191.40	0	\$0.00	\$0.00	0.0	31	0	13	0
ALESSO FARMS	4471	13882382	\$191.40	0	\$0.00	\$0.00	0.0	29	0	0	0
ALESSO FARMS	4471	13882382	\$123.02	0	\$0.00	\$0.00	0.0	32	0	0	0
ALESSO FARMS	4471	13882382	\$191.40	0	\$0.00	\$0.00	0.0	31	0	0	0
ALESSO FARMS	4471	13882382	\$191.40	0	\$0.00	\$0.00	0.0	33	0	0	0
ALESSO FARMS	4471	13882382	\$191.40	0	\$0.00	\$0.00	0.0	29	0	0	0
ALESSO FARMS	4471	13882382	\$179.46	0	\$0.00	\$0.00	0.0	29	0	0	0
ALESSO FARMS	4471	13882382	\$400.66	1,000	\$0.00	\$0.20	156.4	31	0	0	0
ALESSO FARMS	4471	13882382	\$2,236.83	16,360	\$0.00	\$3.27	161.2	29	0	16	1,800
ALESSO FARMS	4471	13882382	\$9,756.26	97,200	\$0.00	\$19.44	172.0	31	0	31	18,160
ALESSO FARMS	4471	13882382	\$7,705.46	74,600	\$0.00	\$14.92	163.2	31	0	31	13,360
ALESSO FARMS	4471	13882382	\$2,001.78	7,840	\$0.00	\$1.57	157.2	30	0	30	1,880
ALESSO FARMS	4471	13882382	\$198.96	0	\$0.00	\$0.00	0.8	30	0	18	0
ALESSO FARMS	4471	13882382	\$195.30	0	\$0.00	\$0.00	0.0	31	0	0	0
ALESSO FARMS	4471	13882382	\$195.30	0	\$0.00	\$0.00	0.4	31	0	0	0
ALESSO FARMS	4471	13882382	\$196.30	0	\$0.00	\$0.00	0.0	32	0	0	0
ALESSO FARMS	4471	13882382	\$195.30	0	\$0.00	\$0.00	0.0	31	0	0	0
ALESSO FARMS	4471	13882382	\$195.30	0	\$0.00	\$0.00	0.0	29	0	0	0
ALESSO FARMS	4471	13882382	\$176.27	0	\$0.00	\$0.00	0.0	28	0	0	0
ALESSO FARMS	4471	13882382	\$195.30	0	\$0.00	\$0.00	0.0	32	0	0	0
ALESSO FARMS	4471	13882382	\$5,081.00	45,720	\$0.00	\$9.14	158.4	30	0	18	10,200
ALESSO FARMS	4471	13882382	\$9,788.40	98,200	\$0.00	\$19.64	159.2	32	0	32	19,080
ALESSO FARMS	4471	13882382	\$7,226.78	69,940	\$0.00	\$13.97	159.2	28	0	28	12,160
ALESSO FARMS	4471	13882382	\$7,210.92	70,120	\$0.00	\$14.02	173.2	31	0	31	11,120
ALESSO FARMS	4471	13882382	\$3,906.25	34,800	\$0.00	\$6.96	158.8	32	0	17	7,160
ALESSO FARMS	4471	13882382	\$1,065.15	7,680	\$0.00	\$1.54	158.8	29	0	0	0
ALESSO FARMS	4471	13882382	\$4,417.18	49,120	\$0.00	\$9.82	160.4	30	0	0	0
ALESSO FARMS	4471	13882382	\$1,544.04	13,800	\$0.00	\$2.76	159.6	33	0	0	0
ALESSO FARMS	4471	13882382	\$403.44	320	\$0.00	\$0.06	140.4	31	0	0	0
ALESSO FARMS	4471	13882382	\$310.02	80	\$0.00	\$0.02	111.2	31	0	0	0
ALESSO FARMS	4471	13882382	\$197.59	0	\$0.00	\$0.00	0.0	29	0	0	0
ALESSO FARMS	4471	13882382	\$244.23	0	\$0.00	\$0.00	0.4	28	0	0	0
ALESSO FARMS	4471	13882382	\$5,218.37	46,520	\$0.00	\$9.31	158.4	31	0	19	11,240
ALESSO FARMS	4471	13882382	\$3,066.57	20,960	\$0.00	\$4.19	158.8	31	0	31	4,600
ALESSO FARMS	4471	13882382	\$3,066.24	25,200	\$0.00	\$5.04	158.8	29	0	29	4,160
ALESSO FARMS	4471	13882382	\$3,681.15	36,880	\$0.00	\$7.38	158.8	31	0	31	6,880
ALESSO FARMS	4471	13882382	-\$834.58	4,200	\$0.00	\$0.84	158.8	32	0	16	1,800
ALESSO FARMS	4471	13882382	\$226.80	0	\$0.00	\$0.00	0.0	30	0	0	0
ALESSO FARMS	4471	13882382	\$224.31	0	\$0.00	\$0.00	0.0	32	0	0	0
ALESSO FARMS	4471	13882382	\$224.31	0	\$0.00	\$0.00	0.0	31	0	0	0
ALESSO FARMS	4471	13882382	\$224.31	0	\$0.00	\$0.00	0.0	32	0	0	0
ALESSO FARMS	4471	13882382	\$224.31	0	\$0.00	\$0.00	0.4	29	0	0	0
ALESSO FARMS	4471	13882382	\$1,712.47	20,040	\$0.00	\$6.01	158.0	29	0	0	0
ALESSO FARMS	4471	13882382	\$2,955.90	40,800	\$0.00	\$12.24	160.8	29	0	0	0

SCE_AlessoFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Bill Amt	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH
ALESSO FARMS	4471	13882382	\$4,804.88	62,400	\$0.00	\$18.72	160.8	32	0	15	5,960
ALESSO FARMS	4471	13882382	\$8,667.17	112,920	\$0.00	\$33.98	158.8	30	0	30	19,720
ALESSO FARMS	4471	13882382	\$7,373.78	91,320	\$0.00	\$27.40	159.2	29	0	29	16,360
ALESSO FARMS	4471	13882382	\$5,726.37	65,560	\$0.00	\$19.57	159.6	32	0	32	12,440
ALESSO FARMS	4471	13882382	\$2,467.37	22,840	\$0.00	\$6.85	159.2	31	0	13	3,200
ALESSO FARMS	4471	13882382	\$569.48	840	\$0.00	\$0.25	158.0	29	0	0	0
ALESSO FARMS	4471	13882382	\$278.68	0	\$0.00	\$0.00	0.0	32	0	0	0

SCE_AlessioFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Summer Onpeak KW	Summer Onpeak KW \$	Summer Onpeak KWH	Summer Onpeak KWH \$	Summer Midpeak KWH	Summer Midpeak KW
ALESSO FARMS	4471	13882382	159.6	\$387.75	\$65.92	9,080	160.0	
ALESSO FARMS	4471	13882382	158.8	\$822.03	\$218.10	29,640	158.8	
ALESSO FARMS	4471	13882382	158.8	\$0.00	\$0.00	23,960	159.2	
ALESSO FARMS	4471	13882382	158.8	\$1,057.35	\$149.65	16,280	158.8	
ALESSO FARMS	4471	13882382	158.0	\$440.62	\$38.50	2,960	158.4	
ALESSO FARMS	4471	13882382	0.0	\$0.00	\$0.00	0	0.0	
ALESSO FARMS	4471	13882382	0.0	\$0.00	\$0.00	0	0.0	

SCE_AlesssoFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Summer Midpeak KW \$	Summer Midpeak KWH \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$
ALESSO FARMS	4471	13882382	\$0.00	\$100.42	20,960	160.8	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	\$327.82	63,560	168.8	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	\$0.00	51,000	159.2	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	\$195.85	36,840	159.6	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	\$35.61	2,040	159.2	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	\$0.00	0	0.0	\$0.00

SCE_AlessoFarms2BIIIHist

Cust Name	Cust Num	Serv Acct Num	Summer Offpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Midpeak KWH \$
ALESSO FARMS	4471	13882382	\$0.00	36	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	33	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	0	1.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	28	13,600	166.0	\$0.00	\$847.42
ALESSO FARMS	4471	13882382	\$0.00	29	9,560	167.0	\$0.00	\$595.68
ALESSO FARMS	4471	13882382	\$15.95	17	4,440	168.0	\$0.00	\$276.66
ALESSO FARMS	4471	13882382	\$565.40	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$643.38	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$118.75	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	18	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	32	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	31	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	33	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	31	680	155.0	\$0.00	\$42.37
ALESSO FARMS	4471	13882382	\$651.51	13	1,240	155.0	\$0.00	\$77.26
ALESSO FARMS	4471	13882382	\$3,678.97	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$2,777.94	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$219.02	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	12	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	31	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	31	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	32	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	31	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	28	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	32	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$1,009.15	12	5,920	157.0	\$0.00	\$516.88
ALESSO FARMS	4471	13882382	\$3,648.48	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$2,733.59	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$1,015.05	15	1,640	159.0	\$0.00	\$141.60
ALESSO FARMS	4471	13882382	\$0.00	29	5,640	158.0	\$0.00	\$486.96
ALESSO FARMS	4471	13882382	\$0.00	30	26,080	160.0	\$0.00	\$2,251.75
ALESSO FARMS	4471	13882382	\$0.00	33	6,840	159.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	31	280	140.0	\$0.00	\$24.18
ALESSO FARMS	4471	13882382	\$0.00	31	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	28	0	0.4	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$819.74	12	7,920	158.0	\$0.00	\$683.81
ALESSO FARMS	4471	13882382	\$814.24	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$14.28	16	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	30	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	32	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	31	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	32	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	0	0.4	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	29	7,400	156.0	\$0.00	\$81.84
ALESSO FARMS	4471	13882382	\$0.00	29	23,920	160.0	\$0.00	\$264.56

SCE_AlesscFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Summer Offpeak KWH \$	Winter Billing Days	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Midpeak KWH \$
ALESSO FARMS	4471	13882382	\$231.82	17	12,120	159.0	\$0.00	\$134.05
ALESSO FARMS	4471	13882382	\$702.97	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$0.00	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$443.19	0	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	\$24.54	18	8,480	159.0	\$0.00	\$102.01
ALESSO FARMS	4471	13882382	\$0.00	29	720	156.0	\$0.00	\$8.66
ALESSO FARMS	4471	13882382	\$0.00	32	0	0.0	\$0.00	\$0.00

SCE_AlessoFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	9,720	167.0	\$0.00	\$494.75
ALESSO FARMS	4471	13882382	5,080	167.0	\$0.00	\$258.57
ALESSO FARMS	4471	13882382	6,960	167.0	\$0.00	\$323.72
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	320	156.0	\$0.00	\$16.29
ALESSO FARMS	4471	13882382	280	156.0	\$0.00	\$14.25
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	2,640	158.0	\$0.00	\$200.38
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	3,840	159.0	\$0.00	\$288.27
ALESSO FARMS	4471	13882382	2,040	159.0	\$0.00	\$153.14
ALESSO FARMS	4471	13882382	23,040	160.0	\$0.00	\$1,729.61
ALESSO FARMS	4471	13882382	6,960	160.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	40	105.0	\$0.00	\$3.00
ALESSO FARMS	4471	13882382	80	111.0	\$0.00	\$6.01
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	6,560	158.0	\$0.00	\$492.46
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	12,640	157.0	\$0.00	\$139.80
ALESSO FARMS	4471	13882382	16,880	161.0	\$0.00	\$186.69

SCE_AlessoFarms2BillHist

Cust Name	Cust Num	Serv Acct Num	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$	Winter Offpeak KWH \$
ALESSO FARMS	4471	13882382	14,280	160.0	\$0.00	\$157.94
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00
ALESSO FARMS	4471	13882382	6,160	159.0	\$0.00	\$74.10
ALESSO FARMS	4471	13882382	120	158.0	\$0.00	\$1.44
ALESSO FARMS	4471	13882382	0	0.0	\$0.00	\$0.00

January 1, 2005

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	January, 2005	01/21/05	TOU-PA-7B	\$627.33
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	February, 2005	02/22/05	TOU-PA-7B	\$278.68
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	March, 2005	03/23/05	TOU-PA-7B	\$278.68
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	April, 2005	04/21/05	TOU-PA-7B	\$3,052.79
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	May, 2005	05/20/05	TOU-PA-7B	\$3,003.98
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	June, 2005	06/21/05	TOU-PA-7B	\$3,738.74
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2005	07/21/05	TOU-PA-7B	\$6,550.20
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2005	08/19/05	TOU-PA-7B	\$4,016.89
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2005	09/20/05	TOU-PA-7B	\$4,132.62
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2005	10/21/05	TOU-PA-7B	\$2,217.50
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	November, 2005	11/21/05	TOU-PA-7B	\$47.95
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	December, 2005	12/21/05	TOU-PA-7B	\$921.80

January 1, 2005

Cust Name	Cust Num	Serv Acct Num	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
ALESSO FARMS	4471	13882382	134	1/0/1900	\$0.04	\$159.00	31	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	32	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	41,966	1/0/1900	\$9.23	\$162.70	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	50,186	1/0/1900	\$11.04	\$161.10	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	53,450	1/0/1900	\$11.76	\$160.60	32	\$0.00	\$16.00	8,713	158.9	\$609.77
ALESSO FARMS	4471	13882382	102,449	1/0/1900	\$22.54	\$160.30	30	\$0.00	\$30.00	19,848	160.0	\$1,227.20
ALESSO FARMS	4471	13882382	43,403	1/0/1900	\$9.55	\$159.60	29	\$0.00	\$29.00	9,695	159.5	\$1,227.20
ALESSO FARMS	4471	13882382	47,032	1/0/1900	\$10.35	\$161.30	32	\$0.00	\$32.00	8,063	160.6	\$1,234.87
ALESSO FARMS	4471	13882382	19,771	1/0/1900	\$4.35	\$160.80	31	\$0.00	\$12.00	3,061	160.5	\$475.05
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	31	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	4,502	1/0/1900	\$0.99	\$159.70	30	\$0.00	\$0.00	0	0.0	\$0.00

January 1, 2005

Cust Name	Cust Num	Serv Acct Num	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$	Winter Billing Days
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	31
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	32
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	11,551	158.9	0	19,469	159.2	0	16
ALESSO FARMS	4471	13882382	29,630	160.3	0	52,771	160.0	0	0
ALESSO FARMS	4471	13882382	13,600	159.7	0	20,108	159.8	0	0
ALESSO FARMS	4471	13882382	12,344	161.1	0	26,625	161.3	0	0
ALESSO FARMS	4471	13882382	4,766	160.8	0	4,084	159.7	0	19
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	31
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30

January 1, 2005

Cust Name	Cust Num	Serv Acct Num	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$
ALESSO FARMS	4471	13882382	134	159.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	25,175	162.0	0	16,791	163.0	0
ALESSO FARMS	4471	13882382	18,251	161.0	0	31,935	161.0	0
ALESSO FARMS	4471	13882382	3,206	159.0	0	10,511	161.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	5,410	159.0	0	2,450	159.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	2,504	160.0	0	1,998	158.0	0

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Strmt Rate	Bill Amt
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	January, 2006	01/23/06	TOU-PA-7B	\$1,688.70
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	February, 2006	02/22/06	TOU-PA-7B	\$697.54
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	March, 2006	03/23/06	TOU-PA-7B	\$1,763.02
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	April, 2006	04/21/06	TOU-PA-7B	\$3,982.39
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	May, 2006	05/22/06	TOU-PA-7B	\$3,731.68
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	June, 2006	06/21/06	TOU-PA-7B	\$5,865.75
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2006	07/20/06	TOU-PA-7B	\$6,058.24
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2006	08/21/06	TOU-PA-7B	\$7,423.71
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2006	09/20/06	TOU-PA-7B	\$7,702.40
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2006	10/20/06	TOU-PA-7B	\$921.79
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	November, 2006	11/20/06	TOU-PA-7B	\$63.25
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	December, 2006	12/20/06	TOU-PA-7B	\$63.25

Cust Name	Cust Num	Serv Acct Num	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KYAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
ALESSO FARMS	4471	13882382	17,276	1/0/1900	\$3.80	\$161.90	33	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	706	1/0/1900	\$0.16	\$159.00	30	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	17,679	1/0/1900	\$3.89	\$161.40	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	54,565	1/0/1900	\$12.00	\$161.30	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	51,220	1/0/1900	\$11.27	\$160.60	31	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	77,944	1/0/1900	\$17.15	\$160.00	30	\$0.00	\$17.00	8,650	159.5	\$638.29
ALESSO FARMS	4471	13882382	74,000	1/0/1900	\$16.28	\$161.00	29	\$0.00	\$29.00	14,604	159.4	\$1,119.36
ALESSO FARMS	4471	13882382	81,644	1/0/1900	\$17.96	\$161.00	32	\$0.00	\$32.00	15,570	158.4	\$0.00
ALESSO FARMS	4471	13882382	76,520	1/0/1900	\$16.83	\$169.80	30	\$0.00	\$30.00	14,594	167.0	\$0.00
ALESSO FARMS	4471	13882382	3,125	1/0/1900	\$0.69	\$159.20	30	\$0.00	\$11.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	31	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00

Cust Name	Cust Num	Serv Acct Num	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$	Winter Billing Days
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	33
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	31
ALESSO FARMS	4471	13882382	12,252	159.5	0	22,936	160.0	0	13
ALESSO FARMS	4471	13882382	20,807	160.0	0	38,589	161.0	0	0
ALESSO FARMS	4471	13882382	21,943	160.0	0	44,131	161.0	0	0
ALESSO FARMS	4471	13882382	20,536	168.6	0	41,390	169.8	0	0
ALESSO FARMS	4471	13882382	859	158.9	0	391	159.2	0	19
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	31
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30

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Confidential

Cust Name	Cust Num	Serv Acct Num	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$
ALESSO FARMS	4471	13882382	10,187	162.0	0	7,089	162.0	0
ALESSO FARMS	4471	13882382	535	159.0	0	171	159.0	0
ALESSO FARMS	4471	13882382	9,410	161.0	0	8,269	161.0	0
ALESSO FARMS	4471	13882382	19,942	161.0	0	34,623	161.0	0
ALESSO FARMS	4471	13882382	22,823	161.0	0	28,397	160.0	0
ALESSO FARMS	4471	13882382	13,795	159.0	0	20,311	160.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	1,288	159.0	0	587	159.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0

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Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	BI Amt
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	January, 2007	01/22/07	TOU-PA-7B	\$63.25
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	February, 2007	02/21/07	TOU-PA-7B	\$66.19
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	March, 2007	03/22/07	TOU-PA-7B	\$75.86
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	April, 2007	04/20/07	TOU-PA-7B	\$1,066.50
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	May, 2007	05/18/07	TOU-PA-7B	\$3,070.89
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	June, 2007	06/20/07	TOU-PA-7B	\$5,530.59
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2007	07/19/07	TOU-PA-7B	\$6,533.94
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2007	08/17/07	TOU-PA-7B	\$6,901.18
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2007	09/19/07	TOU-PA-7B	\$5,482.14
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2007	10/19/07	TOU-PA-7B	\$2,099.69
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	November, 2007	11/17/07	TOU-PA-7B	\$75.86
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	December, 2007	12/20/07	TOU-PA-7B	\$1,183.16

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Cust Name	Cust Num	Serv Acct Num	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	33	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	3,368	1/0/1900	\$0.74	\$159.70	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	32,834	1/0/1900	\$7.22	\$160.30	28	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	62,494	1/0/1900	\$13.75	\$160.50	33	\$0.00	\$17.00	6,300	159.7	\$0.00
ALESSO FARMS	4471	13882382	71,308	1/0/1900	\$15.69	\$159.70	29	\$0.00	\$29.00	12,280	159.2	\$0.00
ALESSO FARMS	4471	13882382	72,828	1/0/1900	\$16.02	\$159.80	29	\$0.00	\$29.00	14,758	159.4	\$0.00
ALESSO FARMS	4471	13882382	52,021	1/0/1900	\$11.44	\$159.40	33	\$0.00	\$33.00	11,029	159.0	\$0.00
ALESSO FARMS	4471	13882382	8,249	1/0/1900	\$1.81	\$159.70	30	\$0.00	\$18.00	844	158.4	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	5,822	1/0/1900	\$1.25	\$158.90	33	\$0.00	\$0.00	0	0.0	\$0.00

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Cust Name	Cust Num	Serv Acct Num	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$	Winter Billing Days
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	33
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	28
ALESSO FARMS	4471	13882382	9,271	160.3	0	15,353	160.5	0	16
ALESSO FARMS	4471	13882382	16,818	159.4	0	42,210	159.7	0	0
ALESSO FARMS	4471	13882382	23,678	159.8	0	34,392	159.7	0	0
ALESSO FARMS	4471	13882382	14,948	159.0	0	26,044	159.4	0	0
ALESSO FARMS	4471	13882382	1,159	159.7	0	3,670	159.2	0	12
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	33

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Cust Name	Cust Num	Serv Acct Num	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	3,057	160.0	0	311	159.0	0
ALESSO FARMS	4471	13882382	19,213	160.0	0	13,621	160.0	0
ALESSO FARMS	4471	13882382	14,309	160.0	0	17,261	160.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	2,054	159.0	0	522	159.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	2,823	159.0	0	2,999	159.0	0

January 1, 2008

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Srmt Rate	Bill Amt
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	January, 2008	01/22/08	TOU-PA-7B	\$75.86
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	February, 2008	02/21/08	TOU-PA-7B	\$75.86
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	March, 2008	03/20/08	TOU-PA-7B	\$2,014.31
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	April, 2008	04/21/08	TOU-PA-7B	\$4,680.97
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	May, 2008	05/21/08	TOU-PA-7B	\$5,469.21
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	June, 2008	06/20/08	TOU-PA-7B	\$6,329.25
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2008	07/21/08	TOU-PA-7B	\$7,694.05
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2008	08/19/08	TOU-PA-7B	\$8,739.19
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2008	09/19/08	TOU-PA-7B	\$5,323.37
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2008	10/21/08	TOU-PA-7B	\$2,712.61
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	November, 2008	11/20/08	TOU-PA-7B	\$83.73
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	December, 2008	12/20/08	TOU-PA-7B	\$652.56

January 1, 2008

Cust Name	Cust Num	Serv Acct Num	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	33	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	17,802	1/0/1900	\$3.92	\$160.00	28	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	58,966	1/0/1900	\$12.97	\$160.30	32	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	66,679	1/0/1900	\$14.67	\$159.50	30	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	74,869	1/0/1900	\$16.47	\$159.40	30	\$0.00	\$19.00	10,665	158.9	\$0.00
ALESSO FARMS	4471	13882382	92,572	1/0/1900	\$20.37	\$159.40	31	\$0.00	\$31.00	16,457	159.2	\$0.00
ALESSO FARMS	4471	13882382	108,790	1/0/1900	\$23.93	\$159.50	29	\$0.00	\$29.00	19,741	159.5	\$0.00
ALESSO FARMS	4471	13882382	54,716	1/0/1900	\$12.04	\$160.00	31	\$0.00	\$31.00	7,865	159.8	\$0.00
ALESSO FARMS	4471	13882382	20,740	1/0/1900	\$4.56	\$159.70	32	\$0.00	\$12.00	948	158.4	\$0.00
ALESSO FARMS	4471	13882382	0	1/0/1900	\$0.00	\$0.00	30	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	95	1/0/1900	\$0.02	\$153.80	30	\$0.00	\$0.00	0	0.0	\$0.00

January 1, 2008

Cust Name	Cust Num	Serv Acct Num	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$	Winter Billing Days
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	33
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	28
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	32
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30
ALESSO FARMS	4471	13882382	13,237	159.2	0	26,155	159.4	0	11
ALESSO FARMS	4471	13882382	24,987	159.2	0	51,128	159.4	0	0
ALESSO FARMS	4471	13882382	29,523	159.5	0	59,526	158.5	0	0
ALESSO FARMS	4471	13882382	13,022	160.0	0	33,829	159.4	0	0
ALESSO FARMS	4471	13882382	1,084	158.6	0	4,204	159.7	0	20
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30

January 1, 2008

Cust Name	Cust Num	Serv Acct Num	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	9,504	160.0	0	8,298	160.0	0
ALESSO FARMS	4471	13882382	26,898	160.0	0	32,068	160.0	0
ALESSO FARMS	4471	13882382	35,967	159.0	0	30,712	160.0	0
ALESSO FARMS	4471	13882382	9,592	159.0	0	15,220	159.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	8,504	159.0	0	6,000	159.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	95	154.0	0	0	0.0	0

January 1, 2009

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmt Rate	Bill Amt
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	January, 2009	01/21/09	TOU-PA-7B	\$1,030.55
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	February, 2009	02/20/09	TOU-PA-7B	\$1,202.05
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	March, 2009	03/24/09	TOU-PA-7B	\$1,936.76
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	April, 2009	04/22/09	TOU-PA-7B	\$3,632.34
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	May, 2009	05/22/09	TOU-PA-7B	\$4,433.48
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	June, 2009	06/23/09	TOU-PA-7B	\$6,611.28
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	July, 2009	07/23/09	TOU-PA-7B	\$7,843.60
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	August, 2009	08/21/09	TOU-PA-7B	\$7,853.35
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	September, 2009	09/22/09	TOU-PA-7B	\$7,500.22
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2009	10/01/09	TOU-PA-7B	\$1,507.71
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	October, 2009	10/23/09	TOU-PA-B	\$978.79

January 1, 2009

Cust Name	Cust Num	Serv Acct Num	KWH Usage	City Tax	State Tax	Maximum KW	Billing Days	Billing KVAR	Sumr Billing Days	Summer Onpeak KWH	Summer Onpeak KW	Summer Onpeak KW \$
ALESSO FARMS	4471	13882382	1,993	1/0/1900	\$0.44	\$150.60	32	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	4,176	1/0/1900	\$0.92	\$159.00	30	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	18,034	1/0/1900	\$3.97	\$160.30	32	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	39,168	1/0/1900	\$8.62	\$160.00	29	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	54,012	1/0/1900	\$11.88	\$159.70	30	\$0.00	\$0.00	0	0.0	\$0.00
ALESSO FARMS	4471	13882382	82,045	1/0/1900	\$18.05	\$159.20	32	\$0.00	\$22.00	9,938	156.2	\$0.00
ALESSO FARMS	4471	13882382	92,780	1/0/1900	\$20.41	\$159.20	30	\$0.00	\$30.00	17,434	159.0	\$0.00
ALESSO FARMS	4471	13882382	91,458	1/0/1900	\$20.12	\$158.70	29	\$0.00	\$29.00	17,863	158.4	\$0.00
ALESSO FARMS	4471	13882382	88,542	1/0/1900	\$19.48	\$159.50	32	\$0.00	\$32.00	15,079	159.2	\$0.00
ALESSO FARMS	4471	13882382	12,145	1/0/1900	\$2.67	\$158.10	9	\$0.00	\$9.00	3,261	158.1	\$0.00
ALESSO FARMS	4471	13882382	1,813	1/0/1900	\$0.40	\$157.10	22	\$0.00	\$0.00	0	0.0	\$0.00

January 1, 2009

Cust Name	Cust Num	Serv Acct Num	Summer Midpeak KWH	Summer Midpeak KW	Summer Midpeak KW \$	Summer Offpeak KWH	Summer Offpeak KW	Summer Offpeak KW \$	Winter Billing Days
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	32
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	32
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	29
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	30
ALESSO FARMS	4471	13882382	13,849	158.4	0	33,235	158.9	0	10
ALESSO FARMS	4471	13882382	25,495	159.2	0	49,851	159.0	0	0
ALESSO FARMS	4471	13882382	25,758	158.7	0	47,837	158.6	0	0
ALESSO FARMS	4471	13882382	22,523	159.4	0	50,940	159.5	0	0
ALESSO FARMS	4471	13882382	4,568	158.1	0	4,316	158.1	0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0	22

January 1, 2009

Cust Name	Cust Num	Serv Acct Num	Winter Midpeak KWH	Winter Midpeak KW	Winter Midpeak KW \$	Winter Offpeak KWH	Winter Offpeak KW	Winter Offpeak KW \$
ALESSO FARMS	4471	13882382	1,519	161.0	0	474	158.0	0
ALESSO FARMS	4471	13882382	3,653	159.0	0	523	159.0	0
ALESSO FARMS	4471	13882382	5,593	160.0	0	12,441	160.0	0
ALESSO FARMS	4471	13882382	23,355	160.0	0	15,813	160.0	0
ALESSO FARMS	4471	13882382	26,376	160.0	0	27,636	160.0	0
ALESSO FARMS	4471	13882382	8,234	159.0	0	16,789	159.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	0	0.0	0	0	0.0	0
ALESSO FARMS	4471	13882382	393	157.0	0	1,420	157.0	0

January 1, 2005

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Bill Amt (\$um)	KWH Usage (\$um)	Maximum KW (Max)
ALESSO FARMS	4471	13862382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	\$28,867.16	362,893	162.7

January 1, 2006

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Bill Amt (Sum)	KWH Usage (Sum)	Maximum KW (Max)
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	\$39,951.72	454,679	169.8

January 1, 2007

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Bill Amt (Sum)	KWH Usage (Sum)	Maximum KW (Max)
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	\$32,149.25	308,924	160.5

January 1, 2008

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Bill Amt (Sum)	KWH Usage (Sum)	Maximum KW (Max)
ALESSO FARMS	4471	13882382	0	161	TOU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	93560	\$44,060.99	495,229	160.3

January 1, 2009

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Bill Amt (Sum)	KWH Usage (Sum)	Maximum KW (Max)
ALESSO FARMS	4471	13882382	0	161	TOLU-PA-B	345M-006522	183RD/N OF GASKILL	ROSAMOND	83560	\$44,530.13	486,166	160.6

Water Withdrawal Estimation

This document details a number of suggested methods for estimating water use. They all involve knowing the energy consumption of the well, possibly in conjunction with discharge information (such as pipe or channel flow in gallons per minute), or only information concerning the energy usage if discharge information is unavailable. These methods include estimating pumpage based on:

- 1) pipe flow and discharge information (using electrical / natural gas energy records)
 - 2) open channel flow and discharge information (using electrical / natural gas energy records)
 - 3) calculating pumpage based on using hour meters
 - 4) estimating pumpage based on only electrical or natural gas energy records
- Pipe Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be “self-contained” and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an “Average Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – $Kr \times Kh$

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the "Number of Seconds for 10 Revolutions."

Calculate Using Natural Gas Energy Records

This method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Open Channel Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained" and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an "Average

Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – $Kr \times Kh$

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the “Number of Seconds for 10 Revolutions.”

Calculate Using Natural Gas Energy Records

As with the other estimating calculations detailed here, this method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Hour Meters

This method of estimation, unlike the others detailed above, works regardless of whether or not the energy meter serves uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two readings and measurements during the year, specifically on January 1 and December 31.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

Average Discharge (gallons / minute) – Based on January 1 and December 31 measurements, this figure is best measured following at least 24 hours of pump operation.

Factor A – The result of subtracting the beginning (January 1) hour reading from the ending (December 31) hour reading.

Factor B – Average Discharge (gallons / minute) from discharges measured in conjunction with each meter reading.

$$\frac{\text{Factor A} \times \text{Factor B} \times 60}{325,851 \text{ gallons}} = \text{Groundwater Withdrawal AF/yr}$$

Energy Records Only

The two following calculations can be used to estimate water withdrawals based on records of electric or natural gas use by the well. The formulae assume that the well pump(s) are connected to a dedicated energy meter that reflects energy usage only for the well pump(s). In addition to energy usage, the calculations rely on knowing the depth of the well pump. Note that this will probably be less than the overall depth of the well. If you are unsure of this depth, you may contact your pump service company, or estimate based on knowledge of local water tables.

Calculate Using Only Electrical Energy Records

Electric Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

1.024 – kw/hrs needed to lift one AF of water one foot at 100 % efficiency.

.54 – Overall efficiency of electric well pump, expressed as a decimal.

$$\frac{1.024 \times \text{lift depth}}{.54} = \text{Kw hours of electricity needed to lift one acre-foot of water}$$

Example using a well with the pump set at 400 feet:

Uses 211,300 kw/hr of electricity, as shown through electric meter / billing records

$$\frac{1.024 \times 400}{.54} = 758.52 \text{ kw/hr of electricity used to pump 1 AF of water}$$

$$\frac{211,300 \text{ kw/hr}}{758.52 \text{ kw/hr/AF}} = 278.57 \text{ AF of water pumped}$$

Calculate Using Only Natural Gas Energy Records

Natural Gas Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

MCF – Million Cubic Feet (ft³).

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

.00318 – MCF of gas needed to lift one AF of water one foot at 100 % efficiency.

10.68 – Therms / 1,000 ft³ of gas.

.154 – Overall efficiency of natural gas pump, expressed as a decimal.

.00318 MCF x 10.68 x lift depth = Therms of natural gas needed to pump 1
AF
.154 of water from a known depth

Example using a well with the pump set at 400 feet:

Uses 24,572.66 therms of natural gas, as shown through meter / billing records

.00318 MCF x 10.68 x 400 = 88.21 therms of natural gas used to pump 1 AF
of water
.154

24,572.66 therms = 278.57 AF of water pumped
88.21 therms / AF

APN 359-041-27

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Production (AF)															
								Well Type	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012		
0	4	Kern	359-011-02	20	90%	18	359-011-01, 359-011-005	Irrigation	526	0	268	345	344	151	472	422	235	159	259	236	181		
1	4	Kern	359-011-03	20	90%	18	359-011-01, 359-011-005																
2	4	Kern	359-011-04	20	90%	18	359-011-01, 359-011-005																
3	4	Kern	359-011-05	20	90%	18	None																
4	4	Kern	359-011-06	20	90%	18	359-011-01, 359-011-005																
5	4	Kern	359-011-07	20	90%	18	359-011-01, 359-011-005																
6	4	Kern	359-011-08	19	90%	17	359-011-01, 359-011-005																
7	4	Kern	359-011-09	19	90%	17	359-011-01, 359-011-005																
8	4	Kern	359-011-10	20	90%	18	359-011-01, 359-011-005																
9	4	Kern	359-011-11	20	90%	18	359-011-01, 359-011-005																
10	4	Kern	359-011-12	20	90%	18	359-011-01, 359-011-005																
11	4	Kern	359-011-13	20	90%	18	359-011-01, 359-011-005																
12	4	Kern	359-011-14	20	90%	18	359-011-01, 359-011-005																
13	4	Kern	359-011-15	20	90%	18	359-011-01, 359-011-005																
14	4	Kern	359-011-16	19	90%	17	359-011-01, 359-011-005																
15	4	Kern	359-011-17	19	90%	17	359-011-01, 359-011-005																
16	4	Kern	359-011-18	20	90%	18	359-011-01, 359-011-005																
17	4	Kern	359-011-19	20	90%	18	359-011-01, 359-011-005																
18	4	Kern	359-011-20	20	90%	18	359-011-01, 359-011-005																
19	4	Kern	359-011-21	19	90%	17	359-011-01, 359-011-005																
20	4	Kern	359-011-22	20	90%	18	359-011-01, 359-011-005																
21	4	Kern	359-011-23	20	90%	18	359-011-01, 359-011-005																
22	4	Kern	359-011-24	20	90%	18	359-011-01, 359-011-005																
23	4	Kern	359-011-27	3	90%	3	359-011-01, 359-011-005																
24	4	Kern	359-011-50	151	90%	145	359-011-01, 359-011-005																
25	5	Kern	359-041-05	10	90%	9	None																
26	5	Kern	359-041-07	10	90%	9	None																
27	6	Kern	359-041-08	10	90%	9	None																
28	4	Kern	359-174-01	20	90%	18	359-011-01, 359-011-005																
29	4	Kern	359-174-02	20	90%	18	359-011-01, 359-011-005																
30	4	Kern	359-174-03	20	90%	18	359-011-01, 359-011-005																
31	4	Kern	359-174-04	20	90%	18	359-011-01, 359-011-005																
32	4	Kern	359-174-05	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Land Use Date

Well Production (A/E)

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
33	4	Kern	359-174-06	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
34	4	Kern	359-174-07	19	90%	17	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
35	4	Kern	359-174-08	19	90%	17	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
36	4	Kern	359-174-09	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
37	4	Kern	359-174-10	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
38	4	Kern	359-174-11	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
39	4	Kern	359-174-12	20	90%	18	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
40	4	Kern	359-174-14	2	90%	2	359-011-01, 359-011-005	Irrigation	272	272	272	272	272	272	272	272	272	272	272	272	272
41	4	Kern	359-240-04	164	90%	147	359-011-01, 359-011-005	Irrigation	681	681	571	571	571	571	571	571	571	571	571	571	0
42	8	Kern	359-331-17	20	90%	18	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883
43	8	Kern	359-331-19	20	90%	18	None	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896
44	8	Kern	359-331-25	20	90%	18	None	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
45	4	Kern	359-011-01	19	90%	18	None	Irrigation	1,174	719	381	110	680	769	367	258	351	586	726	472	315
56	7	Kern	359-041-30	40	90%	36	None	Irrigation	272	272	272	272	272	272	272	272	272	164	272	272	272
67	2	Kern	261-195-10	158	90%	142	None	Irrigation	681	681	571	571	571	571	571	571	571	571	571	571	0
88	15	Kern	359-041-29	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883
69	15	Kern	359-041-31	40	90%	36	None	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896
70	15	Kern	359-041-32	40	90%	36	None	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
71	5	Kern	359-175-01	72	98%	70	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	883
72	5	Kern	359-175-02	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
73	5	Kern	359-175-03	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
74	5	Kern	359-175-04	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
75	5	Kern	359-321-01	79	98%	78	None	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
76	5	Kern	359-321-02	79	98%	78	359-175-01, 359-321-01	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
77	5	Kern	359-324-18	20	98%	19	359-175-01, 359-321-01	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
78	5	Kern	359-324-20	20	98%	20	359-175-01, 359-321-01	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
79	5	Kern	359-324-21	20	96%	20	359-175-01, 359-321-01	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
80	9	Kern	359-331-24	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
81	9	Kern	359-331-26	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
82	9	Kern	359-331-27	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
83	1	Kern	359-041-15	38	90%	34	359-041-27	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
84	1	Kern	359-041-24	10	90%	9	359-041-27	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
85	1	Kern	359-041-25	10	90%	9	359-041-27	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0
86	1	Kern	359-041-26	10	90%	9	359-041-27	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acres	Percent Met Farmable	Net Farmable	Parcels GW Imported From	Well Type	Well Production (AF)																
									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012				
87	1	Kern	359-041-27	10	90%	9	None	Irrigation	309	309	309	309	309	309	1	1	1	1	1	1	1	1	1		
88	3	Kern	261-193-02	39	90%	35	None																		
89	3	Kern	261-193-03	40	90%	36	None																		
90	3	Kern	261-193-06	10	90%	9	None																		
91	3	Kern	261-193-07	10	90%	9	None																		
92	3	Kern	261-193-08	5	90%	4	None																		
93	3	Kern	261-193-09	5	90%	5	None																		
94	3	Kern	261-193-10	5	90%	5	None																		
95	3	Kern	261-193-15	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
96	3	Kern	261-193-17	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
97	3	Kern	261-193-18	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
98	3	Kern	261-193-20	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
99	3	Kern	261-193-22	20	90%	18	None	Irrigation	342	248	472	533	524	488	586	472	744	946	544	0	0	0	0	0	
100	3	Kern	261-193-23	40	90%	36	None	Irrigation	342	151	378	432	425	428	319	0	508	544	313	0	0	0	0	0	0
101	3	Kern	261-193-24	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
102	3	Kern	261-193-25	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
103	3	Kern	261-193-26	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
104	3	Kern	261-194-28	77	90%	70	None	Irrigation	326	297	183	509	501	0	0	154	391	454	261	0	0	0	0	0	0
105	3	Kern	261-194-29	77	90%	70	None	Irrigation	326	297	183	509	501	0	425	284	264	348	200	0	0	0	0	0	0
106	3	Kern	261-194-30	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
107	3	Kern	261-194-36	20	90%	18	None	Irrigation	326	297	183	509	501	511	425	428	605	460	265	0	0	0	0	0	0
108	3	Kern	261-194-37	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
109	3	Kern	261-194-38	20	90%	18	None																		
110	3	Kern	261-194-39	20	90%	18	None																		
111	3	Kern	261-194-45	19	90%	17	None																		
112	3	Kern	261-194-46	20	90%	18	None																		
113	3	Kern	261-194-47	20	90%	18	None																		
114	3	Kern	261-196-08	318	90%	286	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
115	3	Kern	261-193-05	10	90%	9	None																		
116	3	Kern	261-193-19	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
117	3	Kern	261-194-35	40	90%	36	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36																		
118	11	LA	3258-001-038	79	90%	71	None	Irrigation	396	519	125	123	0	0	0	271	271	271	271	0	0	0	0	0	0

eSolar

AF/Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Estimated from SCE Meter 13882381 (Alesso East)	244	151	378	132	425	428	319	5	399	407			
Estimated from SCE Meter 13882382 (Alesso West)	169	248	472	186	524	457	572	389	623	612			
Other meters	?	?	?	?	?	?	?	?	?	?	?	?	?
Total estimated from SCE meters	413	399	850	318	949	886	891	393	1,022	1,019			
Grimmway Reported from well flow meters (includes Martin, Swisher and Vodermark)	685				1,223	1,228	1,755	1,338	2,512	2,752			

TOTAL REPORTED GROUNDWATER USAGE

	?	?	?	?	?	?	?	?	?	?			
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Notes:

Pumpage estimated from power usage using the AZDWR method defined at: <http://www.azwater.gov/dwr/drought/files/estimating%20water%20use%20final.pdf>
 The meter readings are lower than Grimmway because a 3rd meter is missing and not available
 When the reported groundwater pumpage was greater than the estimated AW requirement, it was because Grimmway was conveying the water to adjacent parcels not included in this AW analysis.
 No AVEK turnouts

Consolidated Pumpage Data and Estimates

Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Alessio East	342	151	378	432	425	426	319	0	508	544	313	0	0
Alessio West	342	248	472	533	524	488	566	472	744	946	544	0	0
Martin	326	297	183	509	501			154	391	454	261	0	0
Swisher	326	297	183	509	501		425	284	264	348	200	0	0
Vodermark	326	297	183	509	501	311	425	428	605	460	285	0	0
Total	1,664	1,290	1,401	2,494	2,453	1,229	1,756	1,338	2,512	2,752	1,585	1	1
AW requirement	1,664	1,290	1,401	2,494	2,453	1,229	1,756	1,338	2,512	2,752	1,584	1	1

Arcuri Well Inspection December 2006

FIELD_ID	DATE	INSPECTOR	DWR_NUMBER	WELL_NAME	LOC_METHOD	LATITUDE	LONGITUDE	ELEV_FT	XY_ERROR_F	COUNTY	APN
55	12/5/2006	Werner	T09NR14W30N1	Visual-Google Earth	34.833534000	-118.412712000	2628	0		Kern	35904127003
56	12/5/2006	Werner	T09NR14W30N2	Visual-Google Earth	34.833543000	-118.413453000	2631	0		Kern	35904127003

Arcuri Well Inspection December 2006

FIELD_ID	SITE_ID	SITE_TWN	MOTOR_MAKE	MOTOR_TYPE	PUMP_TYPE	ELEC SERV.	OPERABLE	PUMPING	MOTOR_HOUR	ZHP	PMP_DPPTH_F
55	SECTION 30 TOWNSHIP 9 RANGE 14		Electric	Submersible	?	Y	Y	N			0
56	SECTION 30 TOWNSHIP 9 RANGE 14		Electric	Submersible	?	Y	Y	N			0

Arcuri Well Inspection December 2006

FIELD_ID	SCE_METER	PAD_SIZE	PAD_COND	PIPE_IN	PIPE_MAT	DISCHARGE	USE	WTR_TNK_	WTR_TNK_SZ	OIL_FEED_	CHEM_FEED_	CHEM_TNK_
55		5'x5'	Good	3	Steel	Irrigation distribution	Irrigation	Y	15' x 6'	N	N	N
56				0			Domestic & Irrigation	Steel	15' x 6'	N	N	N

Arcuri Well Inspection December 2006

FIELD_ID	WL_ACCESS	ACCESS_TYP	SAMPLE_PORT	LAND_USE	POSS_CONTA	NOTES
55	N	N	Y	Agriculture, residence		Not certain if pump supplies house
56	N	N	N	Agriculture, residence		Not certain if well connected to system (see picture)

Water Withdrawal Estimation

This document details a number of suggested methods for estimating water use. They all involve knowing the energy consumption of the well, possibly in conjunction with discharge information (such as pipe or channel flow in gallons per minute), or only information concerning the energy usage if discharge information is unavailable. These methods include estimating pumpage based on:

- 1) pipe flow and discharge information (using electrical / natural gas energy records)
 - 2) open channel flow and discharge information (using electrical / natural gas energy records)
 - 3) calculating pumpage based on using hour meters
 - 4) estimating pumpage based on only electrical or natural gas energy records
- Pipe Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be “self-contained” and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an “Average Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – $Kr \times Kh$

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the "Number of Seconds for 10 Revolutions."

Calculate Using Natural Gas Energy Records

This method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Open Channel Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained" and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an "Average

Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – Kr x Kh

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the “Number of Seconds for 10 Revolutions.”

Calculate Using Natural Gas Energy Records

As with the other estimating calculations detailed here, this method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Hour Meters

This method of estimation, unlike the others detailed above, works regardless of whether or not the energy meter serves uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two readings and measurements during the year, specifically on January 1 and December 31.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

Average Discharge (gallons / minute) – Based on January 1 and December 31 measurements, this figure is best measured following at least 24 hours of pump operation.

Factor A – The result of subtracting the beginning (January 1) hour reading from the ending (December 31) hour reading.

Factor B – Average Discharge (gallons / minute) from discharges measured in conjunction with each meter reading.

$$\frac{\text{Factor A} \times \text{Factor B} \times 60}{325,851 \text{ gallons}} = \text{Groundwater Withdrawal AF/yr}$$

Energy Records Only

The two following calculations can be used to estimate water withdrawals based on records of electric or natural gas use by the well. The formulae assume that the well pump(s) are connected to a dedicated energy meter that reflects energy usage only for the well pump(s). In addition to energy usage, the calculations rely on knowing the depth of the well pump. Note that this will probably be less than the overall depth of the well. If you are unsure of this depth, you may contact your pump service company, or estimate based on knowledge of local water tables.

Calculate Using Only Electrical Energy Records

Electric Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

1.024 – kw/hrs needed to lift one AF of water one foot at 100 % efficiency.

.54 – Overall efficiency of electric well pump, expressed as a decimal.

$$\frac{1.024 \times \text{lift depth}}{.54} = \text{Kw hours of electricity needed to lift one acre-foot of water}$$

Example using a well with the pump set at 400 feet:

Uses 211,300 kw/hr of electricity, as shown through electric meter / billing records

$$\frac{1.024 \times 400}{.54} = 758.52 \text{ kw/hr of electricity used to pump 1 AF of water}$$

$$\frac{211,300 \text{ kw/hr}}{758.52 \text{ kw/hr/AF}} = 278.57 \text{ AF of water pumped}$$

Calculate Using Only Natural Gas Energy Records

Natural Gas Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

MCF – Million Cubic Feet (ft³).

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

.00318 – MCF of gas needed to lift one AF of water one foot at 100 % efficiency.

10.68 – Therms / 1,000 ft³ of gas.

.154 – Overall efficiency of natural gas pump, expressed as a decimal.

$$\frac{.00318 \text{ MCF} \times 10.68 \times \text{lift depth}}{\text{AF}} \times .154 = \text{Therms of natural gas needed to pump 1 AF of water from a known depth}$$

Example using a well with the pump set at 400 feet:

Uses 24,572.66 therms of natural gas, as shown through meter / billing records

$$\frac{.00318 \text{ MCF} \times 10.68 \times 400}{\text{of water}} \times .154 = 88.21 \text{ therms of natural gas used to pump 1 AF of water}$$

$$\frac{24,572.66 \text{ therms}}{88.21 \text{ therms / AF}} = 278.57 \text{ AF of water pumped}$$

APN 359-331-24

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	Well Production (Acf)													
									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
0	4	Kern	359-011-02	20	90%	18	359-011-01, 359-011-005	Irrigation	526	0	268	345	344	151	422	122	235	159	259	236	181	
1	4	Kern	359-011-03	20	90%	18	359-011-01, 359-011-005															
2	4	Kern	359-011-04	20	90%	18	359-011-01, 359-011-005															
3	4	Kern	359-011-05	20	90%	18	None															
4	4	Kern	359-011-06	20	90%	18	359-011-01, 359-011-005															
5	4	Kern	359-011-07	20	90%	10	359-011-01, 359-011-005															
6	4	Kern	359-011-08	19	90%	17	359-011-01, 359-011-005															
7	4	Kern	359-011-09	19	90%	17	359-011-01, 359-011-005															
8	4	Kern	359-011-10	20	90%	18	359-011-01, 359-011-005															
9	4	Kern	359-011-11	20	90%	18	359-011-01, 359-011-005															
10	4	Kern	359-011-12	20	90%	18	359-011-01, 359-011-005															
11	4	Kern	359-011-13	20	90%	18	359-011-01, 359-011-005															
12	4	Kern	359-011-14	20	90%	18	359-011-01, 359-011-005															
13	4	Kern	359-011-15	20	90%	18	359-011-01, 359-011-005															
14	4	Kern	359-011-16	19	90%	17	359-011-01, 359-011-005															
15	4	Kern	359-011-17	19	90%	17	359-011-01, 359-011-005															
16	4	Kern	359-011-18	20	90%	18	359-011-01, 359-011-005															
17	4	Kern	359-011-19	20	90%	18	359-011-01, 359-011-005															
18	4	Kern	359-011-20	20	90%	18	359-011-01, 359-011-005															
19	4	Kern	359-011-21	19	90%	17	359-011-01, 359-011-005															
20	4	Kern	359-011-22	20	90%	18	359-011-01, 359-011-005															
21	4	Kern	359-011-23	20	90%	18	359-011-01, 359-011-005															
22	4	Kern	359-011-24	20	90%	18	359-011-01, 359-011-005															
23	4	Kern	359-011-27	3	90%	3	359-011-01, 359-011-005															
24	4	Kern	359-020-50	161	90%	145	359-011-01, 359-011-005															
25	6	Kern	359-041-05	10	90%	9	None															
26	6	Kern	359-041-07	10	90%	9	None															
27	6	Kern	359-041-08	10	90%	9	None															
28	4	Kern	359-174-01	20	90%	18	359-011-01, 359-011-005															
29	4	Kern	359-174-02	20	90%	18	359-011-01, 359-011-005															
30	4	Kern	359-174-03	20	90%	18	359-011-01, 359-011-005															
31	4	Kern	359-174-04	20	90%	18	359-011-01, 359-011-005															
32	4	Kern	359-174-05	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Impacted From	Well Type	Well Production (AF)															
									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012			
33	4	Kern	359-174-06	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34	4	Kern	359-174-07	19	90%	17	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	4	Kern	359-174-08	19	90%	17	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	4	Kern	359-174-09	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	4	Kern	359-174-10	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	4	Kern	359-174-11	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	4	Kern	359-174-12	20	90%	18	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
40	4	Kern	359-174-14	2	90%	2	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
41	4	Kern	359-240-04	164	90%	147	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
42	8	Kern	359-331-17	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
43	8	Kern	359-331-19	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
44	8	Kern	359-331-25	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
45	4	Kern	359-011-01	19	90%	18	None	Irrigation	1,174	719	381	110	680	769	367	258	351	586	726	472	315			
56	7	Kern	359-041-30	40	90%	36	None	Irrigation	272	272	272	272	272	272	272	272	272	164	272	272	272	272	272	272
67	2	Kern	261-195-10	158	90%	142	None	Irrigation	681	681	571	571	571	571	571	571	571	571	571	571	0	0	0	0
68	15	Kern	359-041-29	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	999	727	625	883			
69	15	Kern	359-041-31	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	999	727	625	883			
70	15	Kern	359-041-32	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	999	727	625	883			
71	5	Kern	359-175-01	72	98%	70	None	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
72	5	Kern	359-175-02	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
73	5	Kern	359-175-03	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
74	5	Kern	359-175-04	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
75	5	Kern	359-321-01	79	98%	78	None	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
76	5	Kern	359-321-02	79	98%	78	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
77	5	Kern	359-324-18	20	98%	19	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
78	5	Kern	359-324-20	20	98%	20	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
79	5	Kern	359-324-21	20	98%	20	359-175-01, 359-321-01	Irrigation	0	0	77	843	930	641	660	762	709	575	573	635	896			
80	9	Kern	359-331-24	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
81	9	Kern	359-331-26	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
82	9	Kern	359-331-27	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
83	1	Kern	359-041-15	38	90%	34	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
84	1	Kern	359-041-24	10	90%	9	359-041-27	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
85	1	Kern	359-041-25	10	90%	9	359-041-27	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
86	1	Kern	359-041-26	10	90%	9	359-041-27	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Formable	Net Formable	Parcels GW Imported From	Well Type	Well Production (AF)															
									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012			
87	1	Kern	359-041-27	10	90%	9	None	Irrigation	309	309	309	309	309	1	1	1	1	1	1	1	1	1		
88	3	Kern	261-193-02	39	90%	35	None	None																
89	3	Kern	261-193-03	40	90%	36	None	None																
90	3	Kern	261-193-06	10	90%	9	None	None																
91	3	Kern	261-193-07	10	90%	9	None	None																
92	3	Kern	261-193-08	5	90%	4	None	None																
93	3	Kern	261-193-09	5	90%	5	None	None																
94	3	Kern	261-193-10	5	90%	5	None	None																
95	3	Kern	261-193-15	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	248	472	533	524	488	586	472	744	946	544	0	0	0	0	0
96	3	Kern	261-193-17	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
97	3	Kern	261-193-18	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
98	3	Kern	261-193-20	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	248	472	533	524	488	586	472	744	946	544	0	0	0	0	0
99	3	Kern	261-193-22	20	90%	18	None	None																
100	3	Kern	261-193-23	40	90%	36	None	None																
101	3	Kern	261-193-24	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
102	3	Kern	261-193-25	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
103	3	Kern	261-193-26	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
104	3	Kern	261-194-28	77	90%	70	None	None																
105	3	Kern	261-194-29	77	90%	70	None	None																
106	3	Kern	261-194-30	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
107	3	Kern	261-194-36	20	90%	18	None	None																
108	3	Kern	261-194-37	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
109	3	Kern	261-194-38	20	90%	18	None	None																
110	3	Kern	261-194-39	20	90%	18	None	None																
111	3	Kern	261-194-45	19	90%	17	None	None																
112	3	Kern	261-194-46	20	90%	18	None	None																
113	3	Kern	261-194-47	20	90%	18	None	None																
114	3	Kern	261-196-08	318	90%	286	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	248	472	533	524	488	586	472	744	946	544	0	0	0	0	0
115	3	Kern	261-193-05	10	90%	9	None	None																
116	3	Kern	261-193-19	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
117	3	Kern	261-194-35	40	90%	36	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36	Irrigation	342	151	378	432	425	428	319	0	508	544	343	0	0	0	0	0
118	11	LA	3258-001-038	79	90%	71	None	Irrigation	396	519	125	123	0	0	0	271	271	271	271	271	0	0	0	0

eSolar

AF/Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Estimated from SCE Meter 13682381 (Alesso East)	244	151	378	132	425	428	319	5	399	407			
Estimated from SCE Meter 13882382 (Alesso West)	169	248	472	186	524	457	572	389	623	612			
Other meters	?	?	?	?	?	?	?	?	?	?	?	?	?
Total estimated from SCE meters	413	399	850	318	949	885	891	393	1,022	1,019			
Grimmway Reported from well flow meters (includes Martin, Swisher and Vordermark)	685				1,223	1,228	1,755	1,338	2,512	2,752			

TOTAL REPORTED GROUNDWATER USAGE

	?	?	?	?	?	?	?	?	?	?			
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Notes:

Pumpage estimated from power usage using the AZDWR method defined at: <http://www.azwater.gov/dwrf/drought/files/estimating%20water%20use%20final.pdf>
 The meter readings are lower than Grimmway because a 3rd meter is missing and not available
 When the reported groundwater pumpage was greater than the estimated AW requirement, it was because Grimmway was conveying the water to adjacent parcels not included in this AW analysis.
 No AVEK turnouts

Consolidated Pumpage Data and Estimates

Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Alessio East	342	151	378	432	425	428	319	0	506	544	313	0	0
Alessio West	342	248	472	533	524	488	586	472	744	946	544	0	0
Martin	326	297	183	509	501			154	391	454	261	0	0
Swisher	326	297	183	509	501		425	284	264	348	200	0	0
Vordermark	326	297	183	509	501	311	425	428	605	460	265	0	0
Total	1,664	1,290	1,401	2,494	2,453	1,229	1,756	1,338	2,512	2,752	1,585	1	1
AW requirement	1,664	1,290	1,401	2,494	2,453	1,229	1,756	1,338	2,512	2,752	1,584	1	1

Faber Well Inspection November 2006

FIELD_ID	DATE	INSPECTOR	DWR_NUMBER	WELL_NAME	LOC_METHOD	LATITUDE	LONGITUDE	ELEV_FT	XY_ERROR_F	COUNTY	APN	SITE_ST
29	11/21/2006	Weimer	T09NR14W28D1		Visual-Google Earth	34.845963000	-118.378901000	2602	0	Kern	35933124008	1882 W 140TH ST

Faber Well Inspection November 2006

FIELD_ID	SITE_TWN	MOTOR_MAKE	MOTOR_TYPE	PUMP_TYPE	ELEC_SERV_	OPERABLE_	PUMPING	MOTOR_HOUR	HP	PMP_DPHT_F	SCE_METER	PAD_SIZE
29	ROSAMOND		Electric	Vertical Turbine	Y	Y	N		Large	0		5x15'

Faber Well Inspection November 2006

FIELD_ID 29 PAD_COND Good PIPE_IN 12 PIPE_MAT Steel DISCHARGE Water Tank USE Domestic & Irrigation WTR_TNK_ Y WTR_TNK_SZ 15' x 10' OIL_FEED_ N CHEM_FEED_ N CHEM_TNK_ N WL_ACCESS_ Y ACCESS_TYP

Faber Well Inspection November 2006

NOTES

Could not approach, did take pictures

FIELD_ID SMPLE_PORT LAND_USE POSS_CONTA

Vacant

Water Withdrawal Estimation

This document details a number of suggested methods for estimating water use. They all involve knowing the energy consumption of the well, possibly in conjunction with discharge information (such as pipe or channel flow in gallons per minute), or only information concerning the energy usage if discharge information is unavailable. These methods include estimating pumpage based on:

- 1) pipe flow and discharge information (using electrical / natural gas energy records)
 - 2) open channel flow and discharge information (using electrical / natural gas energy records)
 - 3) calculating pumpage based on using hour meters
 - 4) estimating pumpage based on only electrical or natural gas energy records
- Pipe Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be “self-contained” and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an “Average Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – $Kr \times Kh$

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the "Number of Seconds for 10 Revolutions."

Calculate Using Natural Gas Energy Records

This method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Open Channel Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained" and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an "Average

Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – Kr x Kh

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the “Number of Seconds for 10 Revolutions.”

Calculate Using Natural Gas Energy Records

As with the other estimating calculations detailed here, this method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Hour Meters

This method of estimation, unlike the others detailed above, works regardless of whether or not the energy meter serves uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two readings and measurements during the year, specifically on January 1 and December 31.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

Average Discharge (gallons / minute) – Based on January 1 and December 31 measurements, this figure is best measured following at least 24 hours of pump operation.

Factor A – The result of subtracting the beginning (January 1) hour reading from the ending (December 31) hour reading.

Factor B – Average Discharge (gallons / minute) from discharges measured in conjunction with each meter reading.

$$\frac{\text{Factor A} \times \text{Factor B} \times 60}{325,851 \text{ gallons}} = \text{Groundwater Withdrawal AF/yr}$$

Energy Records Only

The two following calculations can be used to estimate water withdrawals based on records of electric or natural gas use by the well. The formulae assume that the well pump(s) are connected to a dedicated energy meter that reflects energy usage only for the well pump(s). In addition to energy usage, the calculations rely on knowing the depth of the well pump. Note that this will probably be less than the overall depth of the well. If you are unsure of this depth, you may contact your pump service company, or estimate based on knowledge of local water tables.

Calculate Using Only Electrical Energy Records

Electric Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

1.024 – kw/hrs needed to lift one AF of water one foot at 100 % efficiency.

.54 – Overall efficiency of electric well pump, expressed as a decimal.

$$\frac{1.024 \times \text{lift depth}}{.54} = \text{Kw hours of electricity needed to lift one acre-foot of water}$$

Example using a well with the pump set at 400 feet:

Uses 211,300 kw/hr of electricity, as shown through electric meter / billing records

$$\frac{1.024 \times 400}{.54} = 758.52 \text{ kw/hr of electricity used to pump 1 AF of water}$$

$$\frac{211,300 \text{ kw/hr}}{758.52 \text{ kw/hr/AF}} = 278.57 \text{ AF of water pumped}$$

Calculate Using Only Natural Gas Energy Records

Natural Gas Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

MCF – Million Cubic Feet (ft³).

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

.00318 – MCF of gas needed to lift one AF of water one foot at 100 % efficiency.

10.68 – Therms / 1,000 ft³ of gas.

.154 – Overall efficiency of natural gas pump, expressed as a decimal.

.00318 MCF x 10.68 x lift depth = Therms of natural gas needed to pump 1
AF
.154 of water from a known depth

Example using a well with the pump set at 400 feet:

Uses 24,572.66 therms of natural gas, as shown through meter / billing records

.00318 MCF x 10.68 x 400 = 88.21 therms of natural gas used to pump 1 AF
of water
.154

24,572.66 therms = 278.57 AF of water pumped
88.21 therms / AF

APN 359-321-01

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	Well Production (AF)													
									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
0	4	Kern	359-011-02	20	90%	18	359-011-01, 359-011-005	Irrigation	526	0	268	345	344	151	422	122	235	159	259	236	181	
1	4	Kern	359-011-03	20	90%	18	359-011-01, 359-011-005															
2	4	Kern	359-011-04	20	90%	18	359-011-01, 359-011-005															
3	4	Kern	359-011-05	20	90%	18	None															
4	4	Kern	359-011-06	20	90%	18	359-011-01, 359-011-005															
5	4	Kern	359-011-07	20	90%	18	359-011-01, 359-011-005															
6	4	Kern	359-011-08	19	90%	17	359-011-01, 359-011-005															
7	4	Kern	359-011-09	19	90%	17	359-011-01, 359-011-005															
8	4	Kern	359-011-10	20	90%	18	359-011-01, 359-011-005															
9	4	Kern	359-011-11	20	90%	18	359-011-01, 359-011-005															
10	4	Kern	359-011-12	20	90%	18	359-011-01, 359-011-005															
11	4	Kern	359-011-13	20	90%	18	359-011-01, 359-011-005															
12	4	Kern	359-011-14	20	90%	18	359-011-01, 359-011-005															
13	4	Kern	359-011-15	20	90%	18	359-011-01, 359-011-005															
14	4	Kern	359-011-16	19	90%	17	359-011-01, 359-011-005															
15	4	Kern	359-011-17	19	90%	17	359-011-01, 359-011-005															
16	4	Kern	359-011-18	20	90%	18	359-011-01, 359-011-005															
17	4	Kern	359-011-19	20	90%	18	359-011-01, 359-011-005															
18	4	Kern	359-011-20	20	90%	18	359-011-01, 359-011-005															
19	4	Kern	359-011-21	19	90%	17	359-011-01, 359-011-005															
20	4	Kern	359-011-22	20	90%	18	359-011-01, 359-011-005															
21	4	Kern	359-011-23	20	90%	18	359-011-01, 359-011-005															
22	4	Kern	359-011-24	20	90%	18	359-011-01, 359-011-005															
23	4	Kern	359-011-27	3	90%	3	359-011-01, 359-011-005															
24	4	Kern	359-020-50	161	90%	145	359-011-01, 359-011-005															
25	6	Kern	359-041-05	10	90%	9	None															
26	6	Kern	359-041-07	10	90%	9	None															
27	6	Kern	359-041-08	10	90%	9	None															
28	4	Kern	359-174-01	20	90%	18	359-011-01, 359-011-005															
29	4	Kern	359-174-02	20	90%	18	359-011-01, 359-011-005															
30	4	Kern	359-174-03	20	90%	18	359-011-01, 359-011-005															
31	4	Kern	359-174-04	20	90%	18	359-011-01, 359-011-005															
32	4	Kern	359-174-05	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	Well Production (AF)														
									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012		
33	4	Kern	359-174-06	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34	4	Kern	359-174-07	19	90%	17	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	4	Kern	359-174-08	19	90%	17	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	4	Kern	359-174-09	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	4	Kern	359-174-10	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	4	Kern	359-174-11	20	90%	18	359-011-01, 359-011-005	Irrigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	4	Kern	359-174-12	20	90%	18	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
40	4	Kern	359-174-14	2	90%	2	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
41	4	Kern	359-240-04	16.4	90%	14.7	359-011-01, 359-011-005	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
42	8	Kern	359-331-17	20	90%	18	None	Irrigation	1,174	719	381	110	690	769	367	258	351	586	726	472	315		
43	8	Kern	359-331-19	20	90%	18	None	Irrigation	272	272	272	272	272	272	272	272	272	272	164	272	272	272	272
44	8	Kern	359-331-25	20	90%	18	None	Irrigation	681	681	571	571	571	571	571	571	571	571	571	571	571	0	0
45	4	Kern	359-011-01	19	90%	18	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	863		
56	7	Kern	359-041-30	40	90%	36	None	Irrigation	272	272	272	272	272	272	272	272	272	272	164	272	272	272	272
67	2	Kern	261-196-10	15.8	90%	14.2	None	Irrigation	681	681	571	571	571	571	571	571	571	571	571	571	571	0	0
68	15	Kern	359-041-29	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	863		
69	15	Kern	359-041-31	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	863		
70	15	Kern	359-041-32	40	90%	36	None	Irrigation	20	446	921	274	298	404	385	242	424	993	727	625	863		
71	5	Kern	359-175-01	72	98%	70	None	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
72	5	Kern	359-175-02	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
73	5	Kern	359-175-03	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
74	5	Kern	359-175-04	2	98%	2	359-175-01, 359-321-01	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
75	5	Kern	359-321-01	79	98%	78	None	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
76	5	Kern	359-321-02	79	98%	78	359-175-01, 359-321-01	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
77	5	Kern	359-324-18	20	98%	19	359-175-01, 359-321-01	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
78	5	Kern	359-324-20	20	98%	20	359-175-01, 359-321-01	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
79	5	Kern	359-324-21	20	98%	20	359-175-01, 359-321-01	Irrigation	0	0	77	843	990	641	680	762	768	575	573	635	896		
80	9	Kern	359-331-24	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
81	9	Kern	359-331-26	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
82	9	Kern	359-331-27	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
83	1	Kern	359-041-15	38	90%	34	359-041-27	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
84	1	Kern	359-041-24	10	90%	9	359-041-27	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
85	1	Kern	359-041-25	10	90%	9	359-041-27	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
86	1	Kern	359-041-26	10	90%	9	359-041-27	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	Well Production (AF)													
									2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
87	1	Kern	359-041-27	10	90%	9	None	Irrigation	309	309	309	309	309	1	1	1	1	1	1	1	1	
88	3	Kern	261-193-02	39	90%	35	None															
89	3	Kern	261-193-03	40	90%	36	None															
90	3	Kern	261-193-06	10	90%	9	None															
91	3	Kern	261-193-07	10	90%	9	None															
92	3	Kern	261-193-08	5	90%	4	None															
93	3	Kern	261-193-09	5	90%	5	None															
94	3	Kern	261-193-10	5	90%	5	None															
95	3	Kern	261-193-15	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
96	3	Kern	261-193-17	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
97	3	Kern	261-193-18	3	90%	2	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
98	3	Kern	261-193-20	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
99	3	Kern	261-193-22	20	90%	18	None	Irrigation	342	248	472	533	524	488	586	472	744	946	544	0	0	
100	3	Kern	261-193-23	40	90%	36	None	Irrigation	342	151	378	432	425	428	319	0	508	544	313	0	0	
101	3	Kern	261-193-24	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
102	3	Kern	261-193-25	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
103	3	Kern	261-193-26	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
104	3	Kern	261-194-28	77	90%	70	None	Irrigation	326	297	183	509	501	0	0	154	391	454	261	0	0	
105	3	Kern	261-194-29	77	90%	70	None	Irrigation	326	297	183	509	501	0	425	284	264	348	200	0	0	
106	3	Kern	261-194-30	39	90%	35	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
107	3	Kern	261-194-36	20	90%	18	None	Irrigation	326	297	183	509	501	311	425	428	605	460	265	0	0	
108	3	Kern	261-194-37	20	90%	18	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
109	3	Kern	261-194-38	20	90%	18	None															
110	3	Kern	261-194-39	20	90%	18	None	Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	
111	3	Kern	261-194-45	19	90%	17	None															
112	3	Kern	261-194-46	20	90%	18	None															
113	3	Kern	261-194-47	20	90%	18	None															
114	3	Kern	261-196-08	318	90%	286	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
115	3	Kern	261-193-05	10	90%	9	None															
116	3	Kern	261-193-19	5	90%	5	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
117	3	Kern	261-194-35	40	90%	36	261-193-22, 261-193-23, 261-194-28, 261-194-29, 261-194-36															
118	11	LA	3258-001-028	79	90%	71	None	Irrigation	396	519	125	123	0	0	0	271	271	271	271	0	0	

Land Use Data

Map ID	Parcel Group	County	Parcel #	Acreage	Percent Net Farmable	Net Farmable	Parcels GW Imported From	Well Type	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Well Production (AF)			
																						2005	2006		
119	13	LA	3258-001-040	81	90%	73	3258-001-030																		
120	14	LA	3258-001-004	157	90%	141	3258-001-031																		
121	10	LA	3261-001-002	72	90%	65	3258-001-031																		
122	11	LA	3261-001-003	79	90%	71	3258-001-031																		
123	11	LA	3258-001-001	71	90%	64	None	Irrigation	386	519	125	123	0	0	0	271	271	271	271	271	0	0			
124	12	LA	3258-001-024	40	90%	36	3258-001-030																		
126	15	LA	3258-001-031	466	90%	420																			
127	15	LA	3258-001-030	157	90%	142																			
128	11	LA	3258-001-025	1	90%	1	None																		

eSolar

AF/Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Estimated from SCE Meter 13682381 (Alesso East)	244	151	378	132	425	428	319	5	399	407			
Estimated from SCE Meter 13882382 (Alesso West)	169	248	472	186	524	457	572	389	623	612			
Other meters	?	?	?	?	?	?	?	?	?	?	?	?	?
Total estimated from SCE meters	413	399	850	318	949	885	891	393	1,022	1,019			
Grimmway Reported from well flow meters (includes Martin, Swisher and Vodermark)	685				1,223	1,228	1,755	1,338	2,512	2,752			

TOTAL REPORTED GROUNDWATER USAGE

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Domestic	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Alessio East	342	151	378	432	425	428	319	0	508	544	313	0	0
Alessio West	342	248	472	533	524	488	586	472	744	946	544	0	0
Martin	326	297	183	509	501			154	391	454	261	0	0
Swisher	326	297	183	509	501		425	284	264	348	200	0	0
Vodermark	326	297	183	509	501	311	425	428	605	460	266	0	0
Total	1,664	1,290	1,401	2,494	2,453	1,229	1,766	1,338	2,512	2,752	1,585	1	1
AW requirement	1,664	1,290	1,401	2,494	2,453	1,229	1,766	1,338	2,512	2,752	1,584	1	1

Notes:

Pumpage estimated from power usage using the AZDWR method defined at: <http://www.azwater.gov/dwrf/drought/files/estimating%20water%20use%20final.pdf>
 The meter readings are lower than Grimmway because a 3rd meter is missing and not available
 When the reported groundwater pumpage was greater than the estimated AW requirement, it was because Grimmway was conveying the water to adjacent parcels not included in this AW analysis.
 No AVEK turnouts

Summary

Estimated Groundwater Pumpage from SCE power bills and pump test data (AF/yr)													
Well	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	20	446	921	274	298	404	385	242	424	993	727	625	684
2	0	0	77	843	930	641	660	762	709	575	573	635	690
Total	20	446	998	1,117	1,228	1,045	1,045	1,004	1,133	1,568	1,300	1,260	1,375

Notes:

Pumpage estimated from power usage using the AZDWR method defined at: <http://www.azwater.gov/dwr/drought/files/estimating%20water%20use%20final.pdf>

Customer Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days	Year
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2000	08/18/00	GS-1	\$15.03	0	0.0	10	2000
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2000	09/19/00	GS-1	\$16.10	0	0.0	32	2000
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2000	10/19/00	GS-1	\$15.09	0	0.0	30	2000
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2000	11/18/00	GS-1	\$74.48	560	120.0	30	2000
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2000	12/14/00	GS-1	\$13.08	0	0.0	26	2000
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2001	12/21/00	TOU-PA-SOP-2	\$817.09	15,274	118.8	7	2000
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2001	01/19/01	TOU-PA-SOP-2	\$1,432.68	20,380	119.7	29	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2001	02/21/01	TOU-PA-SOP-2	\$1,002.20	10,934	119.2	33	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2001	03/22/01	TOU-PA-SOP-2	\$766.62	6,599	119.7	29	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2001	05/22/01	TOU-PA-SOP-2	\$2,356.49	34,272	118.8	29	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2001	06/20/01	TOU-PA-SOP-2	\$1,046.75	14,182	116.0	32	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2001	07/20/01	TOU-PA-SOP-2	\$4,102.07	57,007	125.9	29	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2001	08/17/01	TOU-PA-SOP-2	\$4,780.08	64,789	120.5	30	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2001	09/19/01	TOU-PA-SOP-2	\$3,885.71	51,562	121.8	28	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2001	10/18/01	TOU-PA-SOP-2	\$4,292.42	55,104	122.9	33	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2001	11/19/01	TOU-PA-SOP-2	\$2,989.30	36,102	122.1	29	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2001	12/20/01	TOU-PA-SOP-2	\$1,011.76	8,953	119.2	32	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2002	01/21/02	TOU-PA-SOP-2	\$222.95	0	1.1	31	2001
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2002	02/21/02	TOU-PA-SOP-2	\$2,325.89	25,372	159.7	32	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2002	03/22/02	TOU-PA-SOP-2	\$3,065.00	35,449	159.0	31	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2002	04/19/02	TOU-PA-SOP-2	\$6,338.77	79,938	197.0	29	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2002	05/21/02	TOU-PA-SOP-2	\$3,781.91	46,053	155.7	32	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2002	06/20/02	TOU-PA-SOP-2	\$7,086.37	90,101	202.6	28	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2002	07/20/02	TOU-PA-SOP-2	\$5,162.33	66,691	195.0	30	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2002	08/19/02	TOU-PA-SOP-2	\$6,615.19	89,635	182.1	32	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2002	09/19/02	TOU-PA-SOP-2	\$5,603.11	76,355	139.5	28	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2002	10/21/02	TOU-PA-SOP-2	\$5,186.89	86,452	156.0	31	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2002	11/20/02	TOU-PA-SOP-2	\$2,114.10	22,476	142.1	32	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2002	12/20/02	TOU-PA-SOP-2	\$745.19	3,214	140.0	30	2002
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2003	01/22/03	TOU-PA-SOP-2	\$383.17	0	0.0	33	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2003	02/20/03	TOU-PA-SOP-2	\$383.17	0	0.0	29	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2003	03/24/03	TOU-PA-SOP-2	\$383.17	0	0.0	32	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2003	04/22/03	TOU-PA-SOP-2	\$2,343.32	24,009	145.8	29	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2003	05/20/03	TOU-PA-SOP-2	\$2,256.20	22,148	139.2	28	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2003	06/20/03	TOU-PA-SOP-2	\$2,095.28	22,351	142.6	31	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2003	07/21/03	TOU-PA-SOP-2	\$5,368.02	70,417	143.0	31	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2003	08/20/03	TOU-PA-SOP-2	\$4,263.32	63,939	138.6	30	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2003	09/19/03	TOU-PA-SOP-2	\$1,221.64	13,571	136.2	30	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2003	10/21/03	TOU-PA-SOP-2	\$1,084.71	9,311	105.3	32	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2003	11/20/03	TOU-PA-SOP-2	\$865.70	6,332	132.6	30	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2003	12/22/03	TOU-PA-SOP-2	\$608.48	2,510	122.7	32	2003
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2004	01/22/04	TOU-PA-SOP-2	\$1,059.52	10,547	120.8	31	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2004	02/23/04	TOU-PA-SOP-2	\$810.27	6,133	116.2	32	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2004	03/23/04	TOU-PA-SOP-2	\$1,098.23	10,948	125.9	29	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2004	04/21/04	TOU-PA-SOP-2	\$1,855.75	26,566	105.1	29	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2004	05/20/04	TOU-PA-SOP-2	\$2,166.79	33,909	99.7	29	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2004	06/21/04	TOU-PA-SOP-2	\$2,681.94	43,998	97.1	32	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2004	07/21/04	TOU-PA-SOP-2	\$2,473.61	40,724	96.2	30	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2004	08/20/04	TOU-PA-SOP-2	\$2,256.04	35,196	97.1	30	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2004	09/21/04	TOU-PA-SOP-2	\$2,411.21	37,637	98.7	32	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2004	10/21/04	TOU-PA-SOP-2	\$1,994.08	27,745	99.4	30	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2004	11/22/04	TOU-PA-SOP-2	\$313.43	4	2.4	32	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2004	12/22/04	TOU-PA-SOP-2	\$313.22	0	0.0	30	2004
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2005	01/24/05	TOU-PA-SOP-2	\$313.22	0	0.0	33	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2005	02/23/05	TOU-PA-SOP-2	\$271.52	0	0.0	30	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2005	03/23/05	TOU-PA-SOP-2	\$272.43	17	2.1	28	2005

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Strmt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days	Year
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2005	04/22/05	TOU-PA-SOP-2	\$1,801.44	28,245	98.4	30	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2005	05/23/05	TOU-PA-SOP-2	\$1,667.80	28,250	98.9	31	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2005	06/22/05	TOU-PA-SOP-2	\$2,775.83	56,190	98.6	30	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2005	07/22/05	TOU-PA-SOP-2	\$2,586.20	52,421	97.8	30	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2005	08/22/05	TOU-PA-SOP-2	\$2,979.34	60,389	97.6	31	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2005	09/21/05	TOU-PA-SOP-2	\$2,273.59	41,974	97.6	30	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2005	10/24/05	TOU-PA-SOP-2	\$2,406.23	41,934	97.9	33	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2005	11/22/05	TOU-PA-SOP-2	\$57.21	26	1.9	29	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2005	12/22/05	TOU-PA-SOP-2	\$47.95	0	0.0	30	2005
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2006	01/24/06	TOU-PA-SOP-2	\$599.40	2,991	98.1	33	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2006	02/23/06	TOU-PA-SOP-2	\$1,935.78	26,820	98.7	30	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2006	03/24/06	TOU-PA-SOP-2	\$1,314.20	15,486	98.6	29	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2006	04/24/06	TOU-PA-SOP-2	\$2,595.00	37,081	98.6	31	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2006	05/23/06	TOU-PA-SOP-2	\$3,078.23	46,645	97.1	29	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2006	06/22/06	TOU-PA-SOP-2	\$2,024.32	30,074	98.4	30	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2006	07/24/06	TOU-PA-SOP-2	\$2,677.28	42,508	98.7	32	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2006	08/22/06	TOU-PA-SOP-2	\$3,118.64	35,268	97.8	29	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2006	09/21/06	TOU-PA-SOP-2	\$4,021.70	43,860	97.3	30	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2006	10/23/06	TOU-PA-SOP-2	\$1,037.30	7,121	97.0	32	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2006	11/21/06	TOU-PA-SOP-2	\$67.68	51	0.2	29	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2006	12/21/06	TOU-PA-SOP-2	\$63.25	0	0.0	30	2006
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2007	01/23/07	TOU-P-S-2-AP	\$585.33	1,573	97.8	33	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2007	02/22/07	TOU-P-S-2-AP	\$980.43	7,932	98.4	30	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2007	03/23/07	TOU-P-S-2-AP	\$1,511.66	15,562	98.9	29	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2007	04/23/07	TOU-P-S-2-AP	\$1,802.53	20,253	99.2	31	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2007	05/22/07	TOU-P-S-2-AP	\$1,772.31	20,109	99.0	29	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2007	06/21/07	TOU-P-S-2-AP	\$2,133.86	25,403	97.6	30	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2007	07/20/07	TOU-P-S-2-AP	\$2,996.75	39,130	98.2	29	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2007	08/21/07	TOU-P-S-2-AP	\$2,061.05	24,480	99.2	32	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2007	09/20/07	TOU-P-S-2-AP	\$1,244.16	11,010	98.6	30	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2007	10/20/07	TOU-P-S-2-AP	\$1,168.83	9,431	98.7	30	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2007	11/20/07	TOU-P-S-2-AP	\$1,229.37	10,309	99.2	31	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2007	12/21/07	TOU-P-S-2-AP	\$77.68	27	0.2	31	2007
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2008	01/23/08	TOU-P-S-2-AP	\$859.92	5,159	98.9	33	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2008	02/22/08	TOU-P-S-2-AP	\$980.88	832	98.8	30	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2008	03/21/08	TOU-P-S-2-AP	\$2,761.94	35,588	98.4	28	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2008	04/22/08	TOU-P-S-2-AP	\$3,093.24	42,727	98.4	32	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2008	05/22/08	TOU-P-S-2-AP	\$2,636.68	36,962	97.1	30	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2008	06/23/08	TOU-P-S-2-AP	\$3,056.01	46,605	99.0	32	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2008	07/22/08	TOU-P-S-2-AP	\$3,235.23	50,929	97.0	29	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2008	08/20/08	TOU-P-S-2-AP	\$2,763.91	41,907	97.0	29	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2008	09/19/08	TOU-P-S-2-AP	\$2,490.05	35,633	97.3	30	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2008	10/22/08	TOU-P-S-2-AP	\$2,564.07	35,692	97.8	33	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2008	11/21/08	TOU-P-S-2-AP	\$1,991.57	25,430	97.8	30	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2008	12/22/08	TOU-P-S-2-AP	\$695.98	2,685	94.4	31	2008
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	January, 2009	01/22/09	TOU-P-S-2-AP	\$304.77	15	44.0	31	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	February, 2009	02/23/09	TOU-P-S-2-AP	\$1,188.48	8,197	129.8	32	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	March, 2009	03/25/09	TOU-P-S-2-AP	\$2,361.33	30,793	125.6	30	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	April, 2009	04/24/09	TOU-P-S-2-AP	\$4,263.50	65,717	125.4	30	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	May, 2009	05/26/09	TOU-P-S-2-AP	\$4,394.64	68,676	124.2	32	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	June, 2009	06/24/09	TOU-P-S-2-AP	\$3,319.33	48,064	126.1	29	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	July, 2009	07/24/09	TOU-P-S-2-AP	\$3,904.91	58,918	126.2	30	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	August, 2009	08/24/09	TOU-P-S-2-AP	\$4,793.72	76,358	127.0	31	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	September, 2009	09/23/09	TOU-P-S-2-AP	\$3,969.19	60,019	128.2	30	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	October, 2009	10/23/09	TOU-P-S-2-AP	\$2,477.78	24,582	127.0	30	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	November, 2009	11/23/09	TOU-P-S-2-AP	\$113.76	0	0.0	31	2009
HARTER, SCOTT	3381676	17540961	345M-006471	E0120 W/N/O GSKL ROAD	ROSAMOND	93560	December, 2009	12/23/09	TOU-P-S-2-AP	\$130.00	37	2.2	30	2009

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days	Year
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	January, 2010	01/25/10	TOU-P-S-2-AP	\$114.46	11	0.2	33	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	February, 2010	02/23/10	TOU-P-S-2-AP	\$130.22	42	1.9	29	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	March, 2010	03/24/10	TOU-P-S-2-AP	\$121.04	0	0.0	29	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	April, 2010	04/22/10	TOU-P-S-2-AP	\$4,519.64	53,915	126.6	29	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	May, 2010	05/21/10	TOU-P-S-2-AP	\$4,757.68	57,567	126.6	29	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	June, 2010	06/22/10	TOU-P-S-2-AP	\$4,367.71	62,964	125.6	32	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	July, 2010	07/23/10	TOU-P-S-2-AP	\$4,293.46	74,237	125.9	31	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	August, 2010	08/23/10	TOU-P-S-2-AP	\$4,324.72	74,436	125.1	31	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	September, 2010	09/21/10	TOU-P-S-2-AP	\$2,964.60	54,951	123.7	29	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	November, 2010	11/22/10	TOU-P-S-2-AP	\$122.94	0	0.0	31	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	December, 2010	12/22/10	TOU-P-S-2-AP	\$122.94	0	0.0	30	2010
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	January, 2011	01/21/11	TOU-P-S-2-AP	\$130.77	0	0.6	30	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	February, 2011	02/22/11	TOU-P-S-2-AP	\$122.94	0	0.0	32	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	March, 2011	03/23/11	TOU-P-S-2-AP	\$3,106.25	31,017	126.7	29	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	April, 2011	04/21/11	TOU-P-S-2-AP	\$3,030.62	30,104	124.8	29	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	May, 2011	05/20/11	TOU-P-S-2-AP	\$3,621.37	39,535	122.7	29	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	June, 2011	06/22/11	TOU-P-S-2-AP	\$3,848.37	56,593	125.9	33	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	July, 2011	07/21/11	TOU-P-S-2-AP	\$2,493.36	38,013	123.8	29	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	August, 2011	08/22/11	TOU-P-S-2-AP	\$3,635.36	64,869	125.0	32	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	September, 2011	09/21/11	TOU-P-S-2-AP	\$2,937.18	52,593	161.4	30	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	October, 2011	10/24/11	TOU-P-S-2-AP	\$2,207.37	24,037	126.4	33	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	November, 2011	11/22/11	TOU-P-S-2-AP	\$1,417.79	6,049	123.0	29	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	December, 2011	12/22/11	TOU-P-S-2-AP	\$128.86	51	0.2	30	2011
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	January, 2012	01/24/12	TOU-P-S-2-AP	\$1,537.88	7,579	126.6	33	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	February, 2012	02/23/12	TOU-P-S-2-AP	\$3,026.01	36,706	128.2	30	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	March, 2012	03/23/12	TOU-P-S-2-AP	\$3,590.75	47,183	128.3	29	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	April, 2012	04/23/12	TOU-P-S-2-AP	\$4,077.76	56,821	127.5	31	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	May, 2012	05/22/12	TOU-P-S-2-AP	\$4,075.30	56,544	128.8	29	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	June, 2012	06/21/12	TOU-P-S-2-AP	\$2,452.39	36,085	129.1	30	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	July, 2012	07/23/12	TOU-P-S-2-AP	\$3,128.14	61,446	128.0	32	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	August, 2012	08/21/12	TOU-P-S-2-AP	\$2,890.87	56,027	128.0	29	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	September, 2012	09/20/12	TOU-P-S-2-AP	\$1,336.68	15,289	128.0	30	2012
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	October, 2012	10/23/12	TOU-P-S-2-AP	\$1,232.73	1,562	126.0	33	2012

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Cust Name	Cust Num	Serv Acct Num	Meter Num	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Total Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/day	GPM
HARTER, SCOTT	3381676	17540961	345M-006471	10	0	311	126	437	57%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	32	0	311	126	437	57%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	0	311	126	437	57%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	19	311	126	437	57%	1	0	5
HARTER, SCOTT	3381676	17540961	345M-006471	26	0	311	126	437	57%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	7	2,182	311	126	437	57%	20	3	632
HARTER, SCOTT	3381676	17540961	345M-006471	29	703	330	109	439	56%	25	1	197
HARTER, SCOTT	3381676	17540961	345M-006471	33	331	330	109	439	56%	14	0	93
HARTER, SCOTT	3381676	17540961	345M-006471	29	228	330	109	439	56%	8	0	84
HARTER, SCOTT	3381676	17540961	345M-006471	29	443	330	109	439	56%	43	1	124
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,966	330	109	439	56%	71	2	552
HARTER, SCOTT	3381676	17540961	345M-006471	30	2,160	330	109	439	56%	80	3	806
HARTER, SCOTT	3381676	17540961	345M-006471	33	1,670	330	109	439	56%	68	2	469
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,245	330	109	439	56%	45	2	349
HARTER, SCOTT	3381676	17540961	345M-006471	32	280	330	109	439	56%	11	0	79
HARTER, SCOTT	3381676	17540961	345M-006471	31	0	330	109	439	56%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	32	793	327	109	352	55%	39	1	275
HARTER, SCOTT	3381676	17540961	345M-006471	31	1,144	327	109	352	55%	54	2	396
HARTER, SCOTT	3381676	17540961	345M-006471	29	2,756	327	109	352	55%	122	4	955
HARTER, SCOTT	3381676	17540961	345M-006471	28	1,645	327	109	352	55%	71	3	570
HARTER, SCOTT	3381676	17540961	345M-006471	32	2,818	327	109	352	55%	138	4	975
HARTER, SCOTT	3381676	17540961	345M-006471	30	2,223	327	109	352	55%	102	3	743
HARTER, SCOTT	3381676	17540961	345M-006471	28	2,801	327	109	352	55%	137	4	970
HARTER, SCOTT	3381676	17540961	345M-006471	32	702	327	109	352	55%	34	1	243
HARTER, SCOTT	3381676	17540961	345M-006471	30	0	327	109	352	55%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	33	0	329	87	416	50%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	29	0	329	87	416	50%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	29	828	329	87	416	50%	28	1	219
HARTER, SCOTT	3381676	17540961	345M-006471	28	791	329	87	416	50%	26	1	209
HARTER, SCOTT	3381676	17540961	345M-006471	31	2,272	329	87	416	50%	82	3	601
HARTER, SCOTT	3381676	17540961	345M-006471	30	2,131	329	87	416	50%	75	2	564
HARTER, SCOTT	3381676	17540961	345M-006471	30	452	329	87	416	50%	16	1	120
HARTER, SCOTT	3381676	17540961	345M-006471	32	291	329	87	416	50%	11	0	77
HARTER, SCOTT	3381676	17540961	345M-006471	29	916	329	87	416	50%	7	0	56
HARTER, SCOTT	3381676	17540961	345M-006471	30	211	329	87	416	50%	3	0	21
HARTER, SCOTT	3381676	17540961	345M-006471	32	78	329	87	416	50%	11	0	84
HARTER, SCOTT	3381676	17540961	345M-006471	31	340	347	77	423	47%	7	0	47
HARTER, SCOTT	3381676	17540961	345M-006471	32	192	347	77	423	47%	7	0	47
HARTER, SCOTT	3381676	17540961	345M-006471	29	378	347	77	423	47%	12	0	93
HARTER, SCOTT	3381676	17540961	345M-006471	29	916	347	77	423	47%	29	1	226
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,169	347	77	423	47%	37	1	288
HARTER, SCOTT	3381676	17540961	345M-006471	32	1,375	347	77	423	47%	48	1	339
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,357	347	77	423	47%	44	1	335
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,173	347	77	423	47%	38	1	289
HARTER, SCOTT	3381676	17540961	345M-006471	32	1,182	347	77	423	47%	41	1	291
HARTER, SCOTT	3381676	17540961	345M-006471	30	925	347	77	423	47%	30	1	228
HARTER, SCOTT	3381676	17540961	345M-006471	32	0	347	77	423	47%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	0	347	77	423	47%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	33	0	347	77	423	47%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	0	347	77	423	47%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	33	0	347	77	423	47%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	28	1	347	88	435	58%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	28	1	347	88	435	58%	0	0	0

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Cust Name	Cust Num	Serv Acct Num	Meter Num	Days	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Total Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/Day	GPM
HARTER, SCOTT	3381676	17540961	345M-006471	30	942	347	88	435	58%	37	1	279
HARTER, SCOTT	3381676	17540961	345M-006471	31	911	347	88	435	58%	37	1	270
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,873	347	88	435	58%	74	2	554
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,747	347	88	435	58%	69	2	517
HARTER, SCOTT	3381676	17540961	345M-006471	31	1,948	347	88	435	58%	79	3	577
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,386	347	88	435	58%	54	2	410
HARTER, SCOTT	3381676	17540961	345M-006471	33	1,271	347	88	435	58%	55	2	376
HARTER, SCOTT	3381676	17540961	345M-006471	29	1	347	88	435	58%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	0	347	88	435	58%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	33	91	340	83	423	58%	4	0	28
HARTER, SCOTT	3381676	17540961	345M-006471	30	861	340	83	423	58%	35	1	262
HARTER, SCOTT	3381676	17540961	345M-006471	29	534	340	83	423	58%	21	1	162
HARTER, SCOTT	3381676	17540961	345M-006471	31	1,198	340	83	423	58%	50	2	364
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,608	340	83	423	58%	63	2	489
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,002	340	83	423	58%	40	1	305
HARTER, SCOTT	3381676	17540961	345M-006471	32	1,328	340	83	423	58%	57	2	404
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,216	340	83	423	58%	47	2	370
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,462	340	83	423	58%	59	2	444
HARTER, SCOTT	3381676	17540961	345M-006471	32	223	340	83	423	58%	10	0	68
HARTER, SCOTT	3381676	17540961	345M-006471	29	2	340	83	423	58%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	0	340	83	423	58%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	33	48	340	80	419	56%	2	0	14
HARTER, SCOTT	3381676	17540961	345M-006471	30	234	340	80	419	56%	9	0	70
HARTER, SCOTT	3381676	17540961	345M-006471	29	587	340	80	419	56%	20	1	160
HARTER, SCOTT	3381676	17540961	345M-006471	31	653	340	80	419	56%	27	1	194
HARTER, SCOTT	3381676	17540961	345M-006471	29	693	340	80	419	56%	26	1	206
HARTER, SCOTT	3381676	17540961	345M-006471	30	847	340	80	419	56%	33	1	252
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,349	340	80	419	56%	51	2	401
HARTER, SCOTT	3381676	17540961	345M-006471	32	765	340	80	419	56%	32	1	227
HARTER, SCOTT	3381676	17540961	345M-006471	30	367	340	80	419	56%	14	0	109
HARTER, SCOTT	3381676	17540961	345M-006471	30	314	340	80	419	56%	12	0	93
HARTER, SCOTT	3381676	17540961	345M-006471	31	333	340	80	419	56%	14	0	99
HARTER, SCOTT	3381676	17540961	345M-006471	31	1	340	80	419	56%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	33	156	343	121	464	56%	6	0	42
HARTER, SCOTT	3381676	17540961	345M-006471	30	28	343	121	464	56%	1	0	7
HARTER, SCOTT	3381676	17540961	345M-006471	28	1,271	343	121	464	56%	42	1	339
HARTER, SCOTT	3381676	17540961	345M-006471	32	1,335	343	121	464	56%	50	2	366
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,232	343	121	464	56%	44	1	328
HARTER, SCOTT	3381676	17540961	345M-006471	32	1,456	343	121	464	56%	55	2	388
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,756	343	121	464	56%	60	2	468
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,188	343	121	464	56%	49	2	385
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,982	343	121	464	56%	42	1	317
HARTER, SCOTT	3381676	17540961	345M-006471	33	1,082	343	121	464	56%	42	1	288
HARTER, SCOTT	3381676	17540961	345M-006471	30	848	343	121	464	56%	30	1	226
HARTER, SCOTT	3381676	17540961	345M-006471	31	87	343	121	464	56%	3	0	23
HARTER, SCOTT	3381676	17540961	345M-006471	31	0	327	9	336	77%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	32	256	327	9	336	77%	18	1	130
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,024	327	9	336	77%	69	2	520
HARTER, SCOTT	3381676	17540961	345M-006471	30	2,191	327	9	336	77%	148	5	1,113
HARTER, SCOTT	3381676	17540961	345M-006471	32	2,146	327	9	336	77%	154	5	1,090
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,657	327	9	336	77%	108	4	842
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,997	327	9	336	77%	135	4	1,015
HARTER, SCOTT	3381676	17540961	345M-006471	31	2,463	327	9	336	77%	171	6	1,251
HARTER, SCOTT	3381676	17540961	345M-006471	30	2,001	327	9	336	77%	135	4	1,016
HARTER, SCOTT	3381676	17540961	345M-006471	30	819	327	9	336	77%	55	2	416
HARTER, SCOTT	3381676	17540961	345M-006471	31	0	327	9	336	77%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	1	327	9	336	77%	0	0	1

Well 1

Cust Name	Cust Num	Sery Acct Num	Meter Num	Days	KWH/day	Dynamic DTW		Total Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/idy	GPM
						(Ft, lbs)	Head (ft)					
HARTER, SCOTT	3381676	17540961	345M-006471	33	0	341	16	357	67%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	29	1	341	16	357	67%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	29	0	341	16	357	67%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,859	341	16	357	67%	96	3	767
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,985	341	16	357	67%	105	4	819
HARTER, SCOTT	3381676	17540961	345M-006471	31	1,967	341	16	357	67%	115	4	812
HARTER, SCOTT	3381676	17540961	345M-006471	31	2,395	341	16	357	67%	135	4	988
HARTER, SCOTT	3381676	17540961	345M-006471	31	2,401	341	16	357	67%	136	4	991
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,895	341	16	357	67%	100	3	782
HARTER, SCOTT	3381676	17540961	345M-006471	31	664	341	16	357	67%	38	1	274
HARTER, SCOTT	3381676	17540961	345M-006471	31	0	341	16	357	67%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	30	0	341	16	357	67%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	32	0	341	16	357	67%	0	0	0
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,070	341	16	357	67%	57	2	441
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,038	341	16	357	67%	55	2	428
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,363	341	16	357	67%	72	2	563
HARTER, SCOTT	3381676	17540961	345M-006471	33	1,715	341	16	357	67%	103	3	708
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,311	341	16	357	67%	69	2	541
HARTER, SCOTT	3381676	17540961	345M-006471	32	2,027	341	16	357	67%	118	4	937
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,753	341	16	357	67%	96	3	724
HARTER, SCOTT	3381676	17540961	345M-006471	33	728	341	16	357	67%	44	1	301
HARTER, SCOTT	3381676	17540961	345M-006471	30	2	341	16	357	67%	0	0	1
HARTER, SCOTT	3381676	17540961	345M-006471	33	230	341	16	357	67%	14	0	95
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,224	341	16	357	67%	67	2	505
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,626	341	16	357	67%	86	3	671
HARTER, SCOTT	3381676	17540961	345M-006471	31	1,833	341	16	357	67%	104	3	757
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,950	341	16	357	67%	103	4	805
HARTER, SCOTT	3381676	17540961	345M-006471	30	1,203	341	16	357	67%	66	2	496
HARTER, SCOTT	3381676	17540961	345M-006471	32	1,920	341	16	357	67%	112	4	793
HARTER, SCOTT	3381676	17540961	345M-006471	29	1,932	341	16	357	67%	102	4	797
HARTER, SCOTT	3381676	17540961	345M-006471	30	510	341	16	357	67%	28	1	210
HARTER, SCOTT	3381676	17540961	345M-006471	33	47	341	16	357	67%	3	0	20

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Strt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days	Year	Days
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2002	10/31/02	PA-2	\$4,611.98	32,040	169.8	50	2002	50
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2002	12/03/02	TOU-PA-SOP-2	\$1,995.11	19,192	169.8	33	2002	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2003	01/03/03	TOU-PA-SOP-2	\$329.25	0	0.0	31	2003	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2003	01/21/03	TOU-PA-SOP-2	\$197.55	0	0.0	18	2003	18
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2003	02/21/03	TOU-PA-SOP-2	\$3,555.61	41,107	169.3	31	2003	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2003	03/24/03	TOU-PA-SOP-2	\$1,415.19	10,801	171.0	31	2003	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2003	04/22/03	TOU-PA-SOP-2	\$3,227.79	36,796	171.8	29	2003	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2003	05/20/03	TOU-PA-SOP-2	\$4,742.21	57,107	171.2	28	2003	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2003	06/20/03	TOU-PA-SOP-2	\$6,936.97	90,589	170.9	31	2003	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2003	07/21/03	TOU-PA-SOP-2	\$7,150.93	96,544	169.8	31	2003	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2003	08/19/03	TOU-PA-SOP-2	\$5,671.92	87,625	169.6	29	2003	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2003	09/19/03	TOU-PA-SOP-2	\$5,868.76	100,385	169.9	31	2003	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2003	10/21/03	TOU-PA-SOP-2	\$2,221.54	76,442	171.7	32	2003	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2003	11/20/03	TOU-PA-SOP-2	\$936.04	5,513	170.4	30	2003	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2004	12/22/03	TOU-PA-SOP-2	\$332.62	0	0.0	32	2003	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2004	01/22/04	TOU-PA-SOP-2	\$332.62	0	0.0	31	2004	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2004	02/23/04	TOU-PA-SOP-2	\$3,347.24	45,133	170.2	32	2004	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2004	03/23/04	TOU-PA-SOP-2	\$1,852.22	21,429	170.2	29	2004	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2004	04/21/04	TOU-PA-SOP-2	\$3,344.10	50,327	169.9	29	2004	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2004	05/20/04	TOU-PA-SOP-2	\$5,916.41	101,359	170.9	29	2004	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2004	06/21/04	TOU-PA-SOP-2	\$5,035.31	85,742	169.8	32	2004	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2004	07/21/04	TOU-PA-SOP-2	\$5,714.04	98,591	169.4	30	2004	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2004	08/20/04	TOU-PA-SOP-2	\$6,002.88	101,442	169.4	30	2004	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2004	09/21/04	TOU-PA-SOP-2	\$6,065.32	102,688	169.6	32	2004	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2004	10/22/04	TOU-PA-SOP-2	\$4,283.16	63,237	169.4	30	2004	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2004	12/22/04	TOU-PA-SOP-2	\$1,017.47	4,457	169.8	30	2004	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2005	01/24/05	TOU-PA-SOP-2	\$404.96	0	0.0	33	2005	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2005	02/23/05	TOU-PA-SOP-2	\$406.07	19	1.9	30	2005	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2005	03/24/05	TOU-PA-SOP-2	\$409.06	70	88.2	29	2005	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2005	04/21/05	TOU-PA-SOP-2	\$1,727.87	18,313	175.8	28	2005	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2005	05/23/05	TOU-PA-SOP-2	\$2,919.53	50,922	172.0	32	2005	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2005	06/22/05	TOU-PA-SOP-2	\$4,161.10	83,244	169.0	30	2005	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2005	07/22/05	TOU-PA-SOP-2	\$4,125.05	82,936	168.2	30	2005	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2005	08/22/05	TOU-PA-SOP-2	\$5,143.82	105,076	169.0	31	2005	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2005	09/21/05	TOU-PA-SOP-2	\$4,240.70	79,283	170.6	30	2005	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2005	10/24/05	TOU-PA-SOP-2	\$2,589.70	39,857	170.4	33	2005	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2005	11/22/05	TOU-PA-SOP-2	\$61.08	24	2.8	29	2005	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2005	12/22/05	TOU-PA-SOP-2	\$48.86	20	0.2	30	2005	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2006	01/24/06	TOU-PA-SOP-2	\$1,097.57	7,336	166.9	33	2006	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2006	02/23/06	TOU-PA-SOP-2	\$2,726.57	34,477	171.8	30	2006	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2006	03/24/06	TOU-PA-SOP-2	\$1,313.25	10,652	171.2	29	2006	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2006	04/24/06	TOU-PA-SOP-2	\$2,944.55	38,463	170.1	31	2006	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2006	05/23/06	TOU-PA-SOP-2	\$4,473.71	66,334	167.0	29	2006	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2006	06/21/06	TOU-PA-SOP-2	\$3,771.96	58,192	166.1	29	2006	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2006	07/21/06	TOU-PA-SOP-2	\$4,581.87	73,978	166.7	30	2006	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2006	08/22/06	TOU-PA-SOP-2	\$6,024.70	80,202	166.2	32	2006	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2006	09/20/06	TOU-PA-SOP-2	\$5,572.40	66,487	165.4	29	2006	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2006	10/20/06	TOU-PA-SOP-2	\$3,554.63	37,957	163.4	30	2006	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2006	11/20/06	TOU-PA-SOP-2	\$72.58	21	1.9	31	2006	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2006	12/21/06	TOU-PA-SOP-2	\$63.25	0	0.0	31	2006	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2007	01/23/07	TOU-P-S-2-AP	\$71.81	13	1.7	33	2007	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2007	02/21/07	TOU-P-S-2-AP	\$1,467.82	11,963	167.8	29	2007	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2007	03/23/07	TOU-P-S-2-AP	\$3,581.42	49,328	167.8	30	2007	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2007	04/20/07	TOU-P-S-2-AP	\$3,206.17	43,109	165.8	28	2007	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2007	05/22/07	TOU-P-S-2-AP	\$5,414.55	84,426	167.3	32	2007	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2007	06/20/07	TOU-P-S-2-AP	\$4,427.73	63,052	167.8	29	2007	29

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Slmt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days	Year	Days
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2007	07/20/07	TOU-P-S-2-AP	\$5,408.36	82,106	166.1	30	2007	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2007	08/20/07	TOU-P-S-2-AP	\$5,762.45	89,511	165.6	31	2007	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2007	09/19/07	TOU-P-S-2-AP	\$5,250.58	79,541	167.5	30	2007	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2007	10/20/07	TOU-P-S-2-AP	\$2,271.41	25,370	166.8	31	2007	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2007	11/20/07	TOU-P-S-2-AP	\$85.19	5	1.7	31	2007	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2007	12/21/07	TOU-P-S-2-AP	\$80.38	0	1.0	31	2007	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2008	01/22/08	TOU-P-S-2-AP	\$1,200.63	6,445	164.4	32	2008	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2008	02/22/08	TOU-P-S-2-AP	\$943.68	917	162.2	31	2008	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2008	03/21/08	TOU-P-S-2-AP	\$3,288.39	43,334	169.4	28	2008	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2008	04/22/08	TOU-P-S-2-AP	\$3,110.43	39,653	166.8	32	2008	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2008	05/22/08	TOU-P-S-2-AP	\$5,233.29	77,078	165.8	30	2008	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2008	06/20/08	TOU-P-S-2-AP	\$4,858.95	70,094	168.0	29	2008	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2008	07/22/08	TOU-P-S-2-AP	\$4,782.58	73,629	168.0	32	2008	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2008	08/20/08	TOU-P-S-2-AP	\$4,848.41	75,156	166.8	29	2008	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2008	09/22/08	TOU-P-S-2-AP	\$5,173.74	79,998	165.8	33	2008	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2008	10/22/08	TOU-P-S-2-AP	\$2,822.87	35,196	166.8	30	2008	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2008	11/21/08	TOU-P-S-2-AP	\$93.91	3	2.2	30	2008	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2008	12/22/08	TOU-P-S-2-AP	\$65.38	29	0.2	31	2008	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2009	01/22/09	TOU-P-S-2-AP	\$65.53	32	2.2	31	2009	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2009	02/23/09	TOU-P-S-2-AP	\$1,312.54	6,729	169.4	32	2009	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2009	03/25/09	TOU-P-S-2-AP	\$2,086.88	20,828	172.1	30	2009	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2009	04/24/09	TOU-P-S-2-AP	\$3,482.82	45,564	168.7	30	2009	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2009	05/26/09	TOU-P-S-2-AP	\$4,922.74	73,449	168.7	32	2009	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2009	06/24/09	TOU-P-S-2-AP	\$4,035.36	56,910	169.7	29	2009	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2009	07/24/09	TOU-P-S-2-AP	\$4,192.87	61,140	166.6	30	2009	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2009	08/24/09	TOU-P-S-2-AP	\$4,832.26	72,740	165.1	31	2009	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2009	09/22/09	TOU-P-S-2-AP	\$3,221.56	41,340	167.3	29	2009	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2009	10/23/09	TOU-P-S-2-AP	\$2,689.70	23,999	166.6	31	2009	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2009	11/23/09	TOU-P-S-2-AP	\$1,645.14	5,888	166.6	31	2009	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2009	12/22/09	TOU-P-S-2-AP	\$1,347.18	1,350	165.8	29	2009	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2010	01/24/10	TOU-P-S-2-AP	\$113.76	0	0.0	33	2010	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2010	02/23/10	TOU-P-S-2-AP	\$120.67	1	1.4	30	2010	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2010	03/24/10	TOU-P-S-2-AP	\$138.02	25	1.9	29	2010	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2010	04/22/10	TOU-P-S-2-AP	\$3,911.63	38,569	170.6	29	2010	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2010	05/21/10	TOU-P-S-2-AP	\$5,078.07	57,461	167.3	29	2010	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2010	06/22/10	TOU-P-S-2-AP	\$4,439.13	60,705	165.1	32	2010	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2010	07/22/10	TOU-P-S-2-AP	\$4,474.04	70,384	167.0	30	2010	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2010	08/23/10	TOU-P-S-2-AP	\$5,367.46	86,228	170.6	32	2010	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2010	09/21/10	TOU-P-S-2-AP	\$3,684.26	60,004	169.2	29	2010	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2010	10/21/10	TOU-P-S-2-AP	\$2,210.29	25,391	168.5	30	2010	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2010	11/20/10	TOU-P-S-2-AP	\$193.45	13	1.9	30	2010	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2010	12/21/10	TOU-P-S-2-AP	\$122.94	0	0.0	31	2010	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2011	01/21/11	TOU-P-S-2-AP	\$199.70	16	2.2	31	2011	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2011	02/22/11	TOU-P-S-2-AP	\$123.80	13	0.2	32	2011	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2011	03/23/11	TOU-P-S-2-AP	\$3,768.84	34,266	185.8	29	2011	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2011	04/21/11	TOU-P-S-2-AP	\$3,875.12	38,812	183.9	29	2011	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2011	05/20/11	TOU-P-S-2-AP	\$4,512.43	47,595	166.8	29	2011	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2011	06/22/11	TOU-P-S-2-AP	\$4,971.32	76,694	164.6	33	2011	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2011	07/21/11	TOU-P-S-2-AP	\$3,630.97	60,409	164.6	29	2011	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2011	08/19/11	TOU-P-S-2-AP	\$4,103.27	67,482	167.0	29	2011	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2011	09/20/11	TOU-P-S-2-AP	\$4,458.84	77,227	168.0	32	2011	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2011	10/23/11	TOU-P-S-2-AP	\$3,192.29	37,561	164.9	33	2011	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2011	11/22/11	TOU-P-S-2-AP	\$1,544.73	1,930	164.6	30	2011	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2011	12/22/11	TOU-P-S-2-AP	\$125.42	26	0.2	30	2011	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2012	01/24/12	TOU-P-S-2-AP	\$2,243.44	15,653	163.0	33	2012	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2012	02/23/12	TOU-P-S-2-AP	\$217.63	3	11.5	30	2012	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2012	03/23/12	TOU-P-S-2-AP	\$3,051.38	30,370	170.4	29	2012	29

Well 2

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Smrt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days	Year	Days
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2012	04/23/12	TOU-P-S-2-AP	\$4,172.08	53,261	167.0	31	2012	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2012	05/22/12	TOU-P-S-2-AP	\$4,562.01	59,673	166.2	29	2012	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2012	06/21/12	TOU-P-S-2-AP	\$3,991.02	67,665	170.2	30	2012	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2012	07/23/12	TOU-P-S-2-AP	\$4,134.36	81,751	168.0	32	2012	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2012	08/21/12	TOU-P-S-2-AP	\$3,782.82	69,004	172.0	29	2012	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2012	09/20/12	TOU-P-S-2-AP	\$3,279.68	63,893	170.0	30	2012	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2012	10/23/12	TOU-P-S-2-AP	\$2,979.50	39,292	166.0	33	2012	33

Well 2

Cust Name	Cust Num	Serv Acct Num	Meter Num	KWH/day	Dynamic DTW (Ft, Bgs)	Aboveground Pumping Head (ft)	Total Pumping Head (ft)	Wire to Water Efficiency (%)	Volume (AF)	AF/day	GPM
HARTER, SCOTT	3381676	21121716	349M-001134	641	368	117	486	75%	48	1	219
HARTER, SCOTT	3381676	21121716	349M-001134	582	369	117	486	75%	29	1	198
HARTER, SCOTT	3381676	21121716	349M-001134	0	389	134	503	72%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	0	389	114	503	72%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1,326	389	114	503	72%	57	2	419
HARTER, SCOTT	3381676	21121716	349M-001134	348	389	114	503	72%	15	0	110
HARTER, SCOTT	3381676	21121716	349M-001134	1,289	389	114	503	72%	51	2	401
HARTER, SCOTT	3381676	21121716	349M-001134	2,040	389	114	503	72%	80	3	645
HARTER, SCOTT	3381676	21121716	349M-001134	2,822	389	114	503	72%	127	4	924
HARTER, SCOTT	3381676	21121716	349M-001134	3,114	389	114	503	72%	135	4	985
HARTER, SCOTT	3381676	21121716	349M-001134	3,022	389	114	503	72%	122	4	956
HARTER, SCOTT	3381676	21121716	349M-001134	3,238	389	114	503	72%	140	5	1,024
HARTER, SCOTT	3381676	21121716	349M-001134	2,389	389	114	503	72%	107	3	756
HARTER, SCOTT	3381676	21121716	349M-001134	184	389	114	503	72%	8	0	58
HARTER, SCOTT	3381676	21121716	349M-001134	0	389	114	503	72%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	0	389	114	503	72%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1,410	391	91.6	483	68%	62	2	439
HARTER, SCOTT	3381676	21121716	349M-001134	739	391	91.6	483	68%	29	1	230
HARTER, SCOTT	3381676	21121716	349M-001134	1,735	391	91.6	483	68%	89	2	540
HARTER, SCOTT	3381676	21121716	349M-001134	3,495	391	91.6	483	68%	139	5	1,088
HARTER, SCOTT	3381676	21121716	349M-001134	2,679	391	91.6	483	68%	118	4	834
HARTER, SCOTT	3381676	21121716	349M-001134	3,286	391	91.6	483	68%	136	5	1,023
HARTER, SCOTT	3381676	21121716	349M-001134	3,209	391	91.6	483	68%	141	4	998
HARTER, SCOTT	3381676	21121716	349M-001134	2,108	391	91.6	483	68%	87	3	658
HARTER, SCOTT	3381676	21121716	349M-001134	42	391	91.6	483	68%	2	0	13
HARTER, SCOTT	3381676	21121716	349M-001134	149	391	91.6	483	68%	6	0	46
HARTER, SCOTT	3381676	21121716	349M-001134	0	390	83.7	474	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	2	390	83.7	474	68%	0	0	1
HARTER, SCOTT	3381676	21121716	349M-001134	654	390	83.7	474	68%	26	1	206
HARTER, SCOTT	3381676	21121716	349M-001134	1,591	390	83.7	474	68%	71	2	502
HARTER, SCOTT	3381676	21121716	349M-001134	2,775	390	83.7	474	68%	116	4	875
HARTER, SCOTT	3381676	21121716	349M-001134	2,765	390	83.7	474	68%	116	4	872
HARTER, SCOTT	3381676	21121716	349M-001134	3,390	390	83.7	474	68%	146	5	1,069
HARTER, SCOTT	3381676	21121716	349M-001134	2,643	390	83.7	474	68%	110	4	833
HARTER, SCOTT	3381676	21121716	349M-001134	1,208	390	83.7	474	68%	56	2	381
HARTER, SCOTT	3381676	21121716	349M-001134	1	390	83.7	474	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1	390	83.7	474	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	222	371	123	494	70%	10	0	70
HARTER, SCOTT	3381676	21121716	349M-001134	1,149	371	123	494	70%	48	2	362
HARTER, SCOTT	3381676	21121716	349M-001134	367	371	123	494	70%	15	1	116
HARTER, SCOTT	3381676	21121716	349M-001134	1,241	371	123	494	70%	54	2	391
HARTER, SCOTT	3381676	21121716	349M-001134	2,287	371	123	494	70%	92	3	720
HARTER, SCOTT	3381676	21121716	349M-001134	2,006	371	123	494	70%	81	3	632
HARTER, SCOTT	3381676	21121716	349M-001134	2,466	371	123	494	70%	103	3	777
HARTER, SCOTT	3381676	21121716	349M-001134	2,506	371	123	494	70%	112	3	789
HARTER, SCOTT	3381676	21121716	349M-001134	2,293	371	123	494	70%	93	3	722
HARTER, SCOTT	3381676	21121716	349M-001134	1,265	371	123	494	70%	53	2	398
HARTER, SCOTT	3381676	21121716	349M-001134	1	371	123	494	70%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	0	371	123	494	70%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	402	369	105	474	70%	17	1	131
HARTER, SCOTT	3381676	21121716	349M-001134	1,644	369	105	474	70%	71	2	537
HARTER, SCOTT	3381676	21121716	349M-001134	1,540	369	105	474	70%	62	2	502
HARTER, SCOTT	3381676	21121716	349M-001134	2,638	369	105	474	70%	122	4	861
HARTER, SCOTT	3381676	21121716	349M-001134	2,174	369	105	474	70%	81	3	710

Cust Name	Cust Num	Serv Acct Num	Meter Num	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Pumping		Wire to		AF/dy	GPM
						Head (ft)	Efficiency (%)	Head (ft)	Efficiency (%)		
HARTER, SCOTT	3381676	21121716	349M-001134	2,737	369	105	474	70%	118	4	893
HARTER, SCOTT	3381676	21121716	349M-001134	2,887	369	105	474	70%	129	4	942
HARTER, SCOTT	3381676	21121716	349M-001134	2,651	369	105	474	70%	115	4	865
HARTER, SCOTT	3381676	21121716	349M-001134	818	369	105	474	70%	37	1	267
HARTER, SCOTT	3381676	21121716	349M-001134	0	369	105	474	70%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	0	369	105	474	70%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	201	369	90	480	70%	9	0	64
HARTER, SCOTT	3381676	21121716	349M-001134	30	390	90	480	70%	1	0	9
HARTER, SCOTT	3381676	21121716	349M-001134	1,548	390	90	480	70%	61	2	495
HARTER, SCOTT	3381676	21121716	349M-001134	1,239	390	90	480	70%	56	2	396
HARTER, SCOTT	3381676	21121716	349M-001134	2,569	390	90	480	70%	108	4	822
HARTER, SCOTT	3381676	21121716	349M-001134	2,417	390	90	480	70%	99	3	773
HARTER, SCOTT	3381676	21121716	349M-001134	2,301	390	90	480	70%	104	3	736
HARTER, SCOTT	3381676	21121716	349M-001134	2,592	390	90	480	70%	106	4	829
HARTER, SCOTT	3381676	21121716	349M-001134	2,424	390	90	480	70%	113	3	776
HARTER, SCOTT	3381676	21121716	349M-001134	1,173	390	90	480	70%	50	2	375
HARTER, SCOTT	3381676	21121716	349M-001134	0	390	90	480	70%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1	390	90	480	70%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1	378	95.7	475	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	694	379	95.7	475	68%	9	0	67
HARTER, SCOTT	3381676	21121716	349M-001134	1,519	379	95.7	475	68%	29	1	221
HARTER, SCOTT	3381676	21121716	349M-001134	2,295	379	95.7	475	68%	64	2	483
HARTER, SCOTT	3381676	21121716	349M-001134	1,962	379	95.7	475	68%	80	3	624
HARTER, SCOTT	3381676	21121716	349M-001134	2,038	379	95.7	475	68%	86	3	648
HARTER, SCOTT	3381676	21121716	349M-001134	2,346	379	95.7	475	68%	102	3	746
HARTER, SCOTT	3381676	21121716	349M-001134	1,426	379	95.7	475	68%	58	2	453
HARTER, SCOTT	3381676	21121716	349M-001134	745	379	95.7	475	68%	32	1	237
HARTER, SCOTT	3381676	21121716	349M-001134	190	379	95.7	475	68%	8	0	60
HARTER, SCOTT	3381676	21121716	349M-001134	47	379	95.7	475	68%	2	0	15
HARTER, SCOTT	3381676	21121716	349M-001134	0	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	0	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1,330	382	82.3	464	68%	55	2	432
HARTER, SCOTT	3381676	21121716	349M-001134	1,897	382	82.3	464	68%	83	3	644
HARTER, SCOTT	3381676	21121716	349M-001134	1,982	382	82.3	464	68%	87	3	617
HARTER, SCOTT	3381676	21121716	349M-001134	2,346	382	82.3	464	68%	101	3	763
HARTER, SCOTT	3381676	21121716	349M-001134	2,695	382	82.3	464	68%	124	4	876
HARTER, SCOTT	3381676	21121716	349M-001134	2,069	382	82.3	464	68%	86	3	673
HARTER, SCOTT	3381676	21121716	349M-001134	846	382	82.3	464	68%	36	1	275
HARTER, SCOTT	3381676	21121716	349M-001134	0	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	0	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	0	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1,182	382	82.3	464	68%	49	2	384
HARTER, SCOTT	3381676	21121716	349M-001134	1,338	382	82.3	464	68%	56	2	435
HARTER, SCOTT	3381676	21121716	349M-001134	1,841	382	82.3	464	68%	68	2	534
HARTER, SCOTT	3381676	21121716	349M-001134	2,324	382	82.3	464	68%	110	3	755
HARTER, SCOTT	3381676	21121716	349M-001134	2,083	382	82.3	464	68%	87	3	677
HARTER, SCOTT	3381676	21121716	349M-001134	2,327	382	82.3	464	68%	97	3	757
HARTER, SCOTT	3381676	21121716	349M-001134	2,413	382	82.3	464	68%	111	3	785
HARTER, SCOTT	3381676	21121716	349M-001134	1,138	382	82.3	464	68%	54	2	370
HARTER, SCOTT	3381676	21121716	349M-001134	64	382	82.3	464	68%	3	0	21
HARTER, SCOTT	3381676	21121716	349M-001134	1	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	474	382	82.3	464	68%	22	1	154
HARTER, SCOTT	3381676	21121716	349M-001134	0	382	82.3	464	68%	0	0	0
HARTER, SCOTT	3381676	21121716	349M-001134	1,047	382	82.3	464	68%	44	2	340

Well 2

Cust Name	Cust Num	Serv Acct Num	Meter Num	KWH/day	Dynamic DTW (Ft, bgs)	Aboveground Head (ft)	Total Pumping Head (ft)	Wire to		AF/dy	GPM
								Water Efficiency (%)	Volume (AF)		
HARTER, SCOTT	3381676	21121716	349M-001134	1,718	382	82.3	464	68%	77	2	559
HARTER, SCOTT	3381676	21121716	349M-001134	2,058	382	82.3	464	68%	86	3	669
HARTER, SCOTT	3381676	21121716	349M-001134	2,253	382	82.3	464	68%	97	3	732
HARTER, SCOTT	3381676	21121716	349M-001134	2,555	382	82.3	464	68%	117	4	830
HARTER, SCOTT	3381676	21121716	349M-001134	2,379	382	82.3	464	68%	99	3	773
HARTER, SCOTT	3381676	21121716	349M-001134	2,130	382	82.3	464	68%	92	3	692
HARTER, SCOTT	3381676	21121716	349M-001134	1,191	382	82.3	464	68%	56	2	387

BillHist Sum

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Bill Amt (Sum)	KWH Usage (Sum)	Maximum KW (Max)
HARTER, SCOTT	3381676	17540961	268841962	139	TOU-P-S-2-AP	345M-006471	E/0120 W/NO GSKL ROAD	ROSAMOND	93560	\$27,488.51	375,222	129.1
HARTER, SCOTT	3381676	21121716	268841962	139	TOU-P-S-2-AP	349M-001134	120TH ST W	ROSAMOND	93560	\$32,413.92	480,485	172.0

Scott Harter
 S/A# 017-5409-61 Billing History
 H and H RCH Well re# 18581

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	January, 2012	01/24/12	TOU-P-S-2-AP	\$1,537.88	7,579	128.6	33
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	February, 2012	02/23/12	TOU-P-S-2-AP	\$3,026.01	36,706	128.2	30
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	March, 2012	03/23/12	TOU-P-S-2-AP	\$3,590.75	47,163	128.3	29
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	April, 2012	04/23/12	TOU-P-S-2-AP	\$4,077.76	56,821	127.5	31
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	May, 2012	05/22/12	TOU-P-S-2-AP	\$4,075.30	56,544	128.6	29
HARTER, SCOTT	3381676	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	June, 2012	06/21/12	TOU-P-S-2-AP	\$2,452.39	36,085	129.1	30
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	July, 2012	07/23/12	TOU-P-S-2-AP	\$3,128.14	61,446	128.0	32
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	August, 2012	08/21/12	TOU-P-S-2-AP	\$2,830.87	56,027	128.0	29
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	September, 2012	09/20/12	TOU-P-S-2-AP	\$1,536.68	15,289	128.0	30
HARTER, SCOTT	3381678	17540961	345M-006471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	October, 2012	10/23/12	TOU-P-S-2-AP	\$1,232.73	1,562	126.0	33

Scott Harter
 S/A# 021-1217-16 Billing History
 H and H Well #2 ref# 25208

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Address	City Name	Zip	Billing Mo/Yr	Meter Read Date	Strmt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2012	01/24/12	TOU-P-S-2-AP	\$2,243.44	15,653	163.0	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2012	02/23/12	TOU-P-S-2-AP	\$217.63	3	11.5	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2012	03/23/12	TOU-P-S-2-AP	\$3,051.38	30,370	170.4	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2012	04/23/12	TOU-P-S-2-AP	\$4,172.08	53,261	167.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2012	05/22/12	TOU-P-S-2-AP	\$4,562.01	59,673	169.2	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2012	06/21/12	TOU-P-S-2-AP	\$3,991.02	67,585	170.2	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2012	07/23/12	TOU-P-S-2-AP	\$4,134.36	81,751	168.0	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2012	08/21/12	TOU-P-S-2-AP	\$3,782.82	69,004	172.0	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2012	09/20/12	TOU-P-S-2-AP	\$3,279.68	63,893	170.0	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2012	10/23/12	TOU-P-S-2-AP	\$2,979.50	39,292	168.0	33

Harter Well Inspection March 2007

FIELD_ID	DATE	INSPECTOR	DWR_NUMBER	WELL_NAME	LOC_METHOD	LATITUDE	LONGITUDE	ELEV_FT	XY_ERROR_F	COUNTY	APN	SITE_ST	SITE_TWN
9	3/11/2007	Wright	T09NR14W34J1	Harter 2	GPS	34.826500000	-118.344060000	2529	0	Kern	35932101008		
10	3/11/2007	Wright	T09NR14W27R1	Harter 1	GPS	34.834040000	-118.345550000	2514	0	Kern	35917501003		

Harter Well Inspection March 2007

FIELD_ID	MOTOR_MAKE	MOTOR_TYPE	PUMP_TYPE	ELEC_SERV_	Operable?	PUMPING	MOTOR_HOUR	HP	PMP_DPTH_F	SCE_METER	PAD_SIZE	PAD_COND	PIPE_IN
9	US Motors	Electric	Vertical Turbine	Y	Y	N			0	349-001134	8' x 8'	Good	12
10	GE	Electric	Vertical Turbine	Y	Y	Y			0	345M-006471	8' x 8'	OK	14

Harter Well Inspection March 2007

FIELD_ID	PIPE_MAT	DISCHARGE	USE	WTR_TNK_	WTR_TNK_SZ	OIL_FEED_	CHEM_FEED_	CHEM_TNK_	WL_ACCESS_	ACCESS_TYP	SMPLE_PORT	LAND_USE
9	Steel	Irrigation Pivot	Irrigation	N	N	Y	Y	Poly (3' x 3')	Y			Agriculture
10	Steel	Pipe	Irrigation	N	N	Y	N	N			Y	Agriculture

From: [Andrew Werner](#)
To: [Dave Dorrance](#)
Subject: Harter Wells
Date: Tuesday, August 21, 2012 1:38:13 PM
Attachments: [Mail Attachment.jpeg](#)
[Untitled attachment 00144.htm](#)
[Harter_H&H Well 2_SA_17540961_BillHist.xls](#)
[Untitled attachment 00147.htm](#)
[Harter_H&H RH Well_SA_17540961_BillHist.xls](#)
[Untitled attachment 00150.htm](#)
[Harter_Ref25206_hist_Reports.xls](#)
[Untitled attachment 00153.htm](#)
[Harter_Ref18581_hist_Reports.xls](#)
[Untitled attachment 00156.htm](#)

Dave,

Scott Harter provided me with the attached meter reading from his two wells. It looks like one came on line in August 2000 and the other in November 2002. When you continue with the aerial photo surveys, would you confirm that this is in line with what you find. If not, I will go back and suggest that the records may be incomplete. Scott was not quite sure when they started farming, but he thought it was before 2000.

Thanks,

Andrew

Andrew Werner
Western Development & Storage
5700 Wilshire Blvd., Suite 330
Los Angeles CA 90036
323.244.8756 Mobile
323.648.4807 Direct
323.936.9303 Office
323.930.9114 Fax
andrewwerner@westerndev.com

Begin forwarded message:

From: Scott Harter <scottharter1@aol.com>
Subject: Fwd: service accs.
Date: August 19, 2012 5:41:22 PM PDT
To: andrewwerner@westerndev.com

-----Original Message-----

From: Rick Koch <Rick.Koch@sce.com>
To: Scott Harter <scottharter1@aol.com>
Sent: Fri, Aug 17, 2012 3:00 pm
Subject: Re: service accs.

Hey Scott,

WDS000493

I hope you have Excel to open the files. Let me know if you need anything else or have problems opening them up.

Rick Koch
Pump Test - Ventura
PAX 79312
(805) 654-7312
Cell # (805) 338-1398

ORIGINAL
File with DWR

Get new number

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

Page of

Owner's Well No.

No. **e000531**

Date Work Began 4/15/02, Ended 5/10/02

Local Permit Agency Kern Co Environmental Health

Permit No. EH-1186 Permit Date 4/16/02

OWNER USE ONLY - DO NOT FILL IN

STATE WELL NO./STATION NO.

LATITUDE

LONGITUDE

APN/ITS/OTHER

ORIENTATION (Z)			X VERTICAL		HORIZONTAL		ANGLE		(SPECIFY)	
DEPTH FROM SURFACE			DRILLING METHOD		DESCRIPTION					
FL	TO	FL	Direct Rotary		Describe material, grain size, color, etc.					
0	20		Direct Rotary		Fine to med sand w/clay lenses					
20	32		Direct Rotary		Fine to med sand 20% brn clay					
32	52		Direct Rotary		Fine to course sand					
52	62		Direct Rotary		Fine to course sand w/30% brown clay					
62	82		Direct Rotary		Fine to course sand w/clay lenses					
82	94		Direct Rotary		Fine to course sand w/30% clay					
94	145		Direct Rotary		Fine to med sand w/clay lenses					
145	177		Direct Rotary		Fine to course sand					
177	220		Direct Rotary		Fine to course sand with brown clay lenses					
222	253		Direct Rotary		Fine to course sand w/gravel					
253	273		Direct Rotary		Fine to med sand with clay lenses					
273	305		Direct Rotary		Fine to med sand with 80% brown clay					
305	315		Direct Rotary		White sandy clay					
315	335		Direct Rotary		Fine to med sand with 80% brown clay					
335	385		Direct Rotary		Fine to course sand with clay lenses					
385	395		Direct Rotary		Light brown clay with sand lenses					
395	425		Direct Rotary		Fine to med sand with clay lenses					
425	445		Direct Rotary		Fine to course sand					
TOTAL DEPTH OF BORING			1048		(Feet)					
TOTAL DEPTH OF COMPLETED WELL			884		(Feet)					

WELL OWNER

Name Scott Harter

Mailing Address 237 - 72nd Street West
Rosamond, CA 93560

CITY Rosamond STATE CA ZIP 93560

WELL LOCATION

Address 120th Street West & Avenue "A"

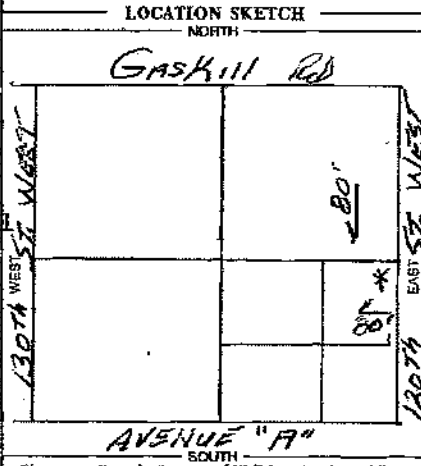
City Rosamond

County Kern

APN Book 359 Page 321 Parcel 01-00-8

Township 9N Range 14W Section 34

Latitude NORTH Longitude WEST



ACTIVITY (Z)

NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")

PLANNED USES (Z)

WATER SUPPLY

Domestic Public

Irrigation Industrial

MONITORING

TEST WELL

CATHODIC PROTECTION

HEAT EXCHANGE

DIRECT PUSH

INJECTION

VAPOR EXTRACTION

SPARGING

REMEDICATION

OTHER (SPECIFY)

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER 308 (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL 308 (FL) & DATE MEASURED 5/10/02

ESTIMATED YIELD 2500 (GPM) & TEST TYPE pump

TEST LENGTH 4 (Hrs) TOTAL DRAWDOWN (FL)

* May not be representative of a well's long-term yield. **PL 433'**

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING (S)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)
		TYPE (Z)	SCREEN	COIL TUBING	FILL PIPE				
+2	400	26	X			A53B	15.380	.312	
400	540	26	X			A53B	15.380	.312	.080
540	560	26	X			A53B	15.380	.312	.040
560	884	26	X			A53B	15.380	.312	.080
0	60				X	Sch40			

DEPTH FROM SURFACE	ANNULAR MATERIAL			
	TYPE	CE-MENT (Z)	BEN-TONITE (Z)	FILTER PACK (TYPE/SIZE)
0	50	X		10 sack
50	890		X	1/2 X 10

ATTACHMENTS (Z)

Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analyses

Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Rottman Drilling Co.

(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

ADDRESS 46471 N. Division St., Lancaster, CA 93535

CITY Lancaster STATE CA ZIP 93535

Signed Larry W. Rottman, President

WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NUMBER 316599

910

ORIGINAL
File with DWR

Get new number

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. e000531

Page 2 of 2

Owner's Well No. _____

Date Work Began _____, Ended _____

Local Permit Agency _____

Permit No. JEH-1186

Permit Date

4/16/02

OWNER USE ONLY - DO NOT FILL IN

STATE WELL REGISTRATION NO.

LATITUDE _____ LONGITUDE _____

APWTS/OTHER _____

ORIENTATION (±)			VERTICAL	HORIZONTAL	ANGLE	(SPECIFY)
DEPTH FROM SURFACE		DRILLING METHOD	FLUID			
R.	to	R.	Describe material, grain size, color, etc.			
445	465		Fine to coarse sand with 25 to 40% clay			
465	485		Med to coarse sand with red clay lenses			
485	535		Fine to coarse sand with clay lenses			
535	760		Fine to med sand			
760	840		Fine to med sand - hard packed			
840	885		Fine to med sand with clay lenses			
885	949		Fine sand with 80% brown clay			
949	1026		Fine sand with 90% brown clay			
1026	1048		Fine sand with sandy clay			
TOTAL DEPTH OF BORING _____ (Feet)						
TOTAL DEPTH OF COMPLETED WELL _____ (Feet)						

WELL OWNER

Name Scott Harter

Mailing Address 237 72nd Street West
Rosamond, CA 93560

CITY _____ STATE _____ ZIP _____

WELL LOCATION

Address 120th Street West & Avenue "A"

City Rosamond

County Kern

APN Book _____ Page _____ Parcel _____

Township 9N Range 14W Section 34

Latitude _____ Longitude _____

DES. BKK. SEC. _____

LOCATION SKETCH

NORTH _____ SOUTH _____

WEST _____ EAST _____

SEE PAGE "1"

ACTIVITY (±)

NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify) _____

DESTROY (Describe Procedure and Method Under "GEOLOGIC LOG")

DESTROYED

PLANNED USES (±)

WATER SUPPLY

Domestic Public

Irrigation Industrial

MONITORING _____

TEST WELL _____

CATHODIC PROTECTION _____

HEAT EXCHANGE _____

DIRECT PUSH _____

FLUECHIM _____

VAPOR EXTRACTION _____

SPARING _____

REMEDIATION _____

OTHER (SPECIFY) _____

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER _____ (FL) BELOW SURFACE

DEPTH OF STATIC WATER LEVEL _____ (FL) & DATE MEASURED _____

ESTIMATED YIELD _____ (GPM) & TEST TYPE _____

TEST LENGTH _____ (Min) TOTAL DRAWDOWN _____ (FL)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING (S)						
		TYPE (±)				MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WELL THICKNESS
R.	to	R.	TYPE	TYPE	TYPE			
SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE

DEPTH FROM SURFACE	ANNULAR MATERIAL TYPE			
	CE-MENT (±)	REN-DOUR (±)	FILL (±)	FILTER PACK (TYPE/SIZE)
R.	to	R.	TYPE	TYPE
SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE	SEE PAGE

ATTACHMENTS (±)

Geologic Log

Well Completion Diagram

Geophysical Logs(s)

Soil/Water Chemical Analyses

Other _____

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME SEE PAGE "1"

PRES. OR VICE PRES. OR COMPANY _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

Signed _____

WELL REGISTRATION NUMBER _____ DATE SIGNED _____ C/S LICENSE NUMBER _____

910

Bill/Hist Sum

Cust Name	Cust Num	Serv Acct Num	Cust Acct Num	SIC Code	Current Rate	Meter Num	Service Street Addr	City Name	Zip	Bill Amt (Sum)	KWH Usage (Sum)	Maximum KW (Max)
HARTER, SCOTT	3381676	17540961	268841962	139	TOU-P-S-2-AP	345M-005471	E/0120 W N/O GSKL ROAD	ROSAMOND	93560	\$307,625.17	4,112,272	202.6
HARTER, SCOTT	3381676	21121716	268841962	139	TOU-P-S-2-AP	349M-001134	120TH ST W	ROSAMOND	93560	\$344,942.62	4,769,857	185.8

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2002	10/31/02	PA-2	\$4,611.98	32,040	169.8	50
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2002	12/03/02	TOU-PA-SOP-2	\$1,995.11	19,192	169.8	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2003	01/03/03	TOU-PA-SOP-2	\$329.25	0	0.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2003	02/12/03	TOU-PA-SOP-2	\$3,555.61	41,107	169.3	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2003	03/24/03	TOU-PA-SOP-2	\$1,415.19	10,801	171.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2003	04/22/03	TOU-PA-SOP-2	\$3,227.79	36,796	171.8	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2003	05/20/03	TOU-PA-SOP-2	\$4,742.21	57,107	171.2	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2003	06/20/03	TOU-PA-SOP-2	\$6,936.97	90,589	170.9	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2003	07/21/03	TOU-PA-SOP-2	\$7,150.93	96,544	169.8	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2003	08/19/03	TOU-PA-SOP-2	\$5,671.92	87,625	169.6	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2003	09/19/03	TOU-PA-SOP-2	\$5,888.76	100,385	169.9	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2003	10/21/03	TOU-PA-SOP-2	\$2,221.54	76,442	171.7	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2003	11/20/03	TOU-PA-SOP-2	\$938.04	5,513	170.4	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2003	12/22/03	TOU-PA-SOP-2	\$332.62	0	0.0	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2004	01/22/04	TOU-PA-SOP-2	\$332.62	0	0.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2004	02/23/04	TOU-PA-SOP-2	\$3,347.24	45,133	170.2	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2004	03/23/04	TOU-PA-SOP-2	\$1,852.22	21,429	170.2	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2004	04/21/04	TOU-PA-SOP-2	\$3,344.10	50,327	169.9	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2004	05/20/04	TOU-PA-SOP-2	\$5,916.41	101,359	170.9	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2004	06/21/04	TOU-PA-SOP-2	\$5,035.31	85,742	169.8	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2004	07/21/04	TOU-PA-SOP-2	\$5,714.04	98,591	169.4	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2004	08/20/04	TOU-PA-SOP-2	\$6,002.88	101,442	169.4	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2004	09/21/04	TOU-PA-SOP-2	\$6,065.32	102,688	169.6	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2004	10/21/04	TOU-PA-SOP-2	\$4,283.16	63,237	169.4	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2004	11/22/04	TOU-PA-SOP-2	\$844.82	1,346	170.6	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2004	12/22/04	TOU-PA-SOP-2	\$1,017.47	4,457	169.8	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2005	01/24/05	TOU-PA-SOP-2	\$404.96	0	0.0	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2005	02/23/05	TOU-PA-SOP-2	\$406.07	19	1.9	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2005	03/24/05	TOU-PA-SOP-2	\$409.06	70	68.2	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2005	04/21/05	TOU-PA-SOP-2	\$1,727.87	18,313	175.8	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2005	05/23/05	TOU-PA-SOP-2	\$2,919.53	50,922	172.0	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2005	06/22/05	TOU-PA-SOP-2	\$4,161.10	83,244	169.0	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2005	07/22/05	TOU-PA-SOP-2	\$4,125.05	82,936	168.2	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2005	08/22/05	TOU-PA-SOP-2	\$5,143.82	105,076	169.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2005	09/21/05	TOU-PA-SOP-2	\$4,240.70	79,283	170.6	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2005	10/24/05	TOU-PA-SOP-2	\$2,599.70	39,857	170.4	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2005	11/22/05	TOU-PA-SOP-2	\$61.08	24	2.6	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2005	12/22/05	TOU-PA-SOP-2	\$48.86	20	0.2	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2006	01/24/06	TOU-PA-SOP-2	\$1,097.57	7,396	166.9	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2006	02/23/06	TOU-PA-SOP-2	\$2,726.57	34,477	171.8	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2006	03/24/06	TOU-PA-SOP-2	\$2,944.55	38,483	171.2	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2006	04/24/06	TOU-PA-SOP-2	\$4,473.71	66,334	167.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2006	05/23/06	TOU-PA-SOP-2	\$3,771.96	58,162	166.1	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2006	06/21/06	TOU-PA-SOP-2	\$4,581.87	73,978	166.7	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2006	07/21/06	TOU-PA-SOP-2	\$6,024.70	80,202	166.2	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2006	08/22/06	TOU-PA-SOP-2	\$5,572.40	66,487	165.4	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2006	09/20/06	TOU-PA-SOP-2	\$3,554.63	37,957	163.4	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2006	10/20/06	TOU-PA-SOP-2	\$72.58	21	1.9	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2006	11/20/06	TOU-PA-SOP-2	\$63.25	0	0.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2006	12/21/06	TOU-PA-SOP-2	\$71.81	13	1.7	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2007	01/23/07	TOU-P-S-2-AP	\$1,487.82	11,663	167.8	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2007	02/21/07	TOU-P-S-2-AP	\$3,581.42	49,328	167.8	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2007	03/23/07	TOU-P-S-2-AP	\$3,206.17	43,109	165.8	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2007	04/20/07	TOU-P-S-2-AP	\$5,414.55	84,426	167.3	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2007	05/22/07	TOU-P-S-2-AP	\$4,427.73	63,052	167.8	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2007	06/20/07	TOU-P-S-2-AP	\$5,408.36	82,106	166.1	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2007	07/20/07	TOU-P-S-2-AP				

Scott Harter
 SIA# 021-1217-16 Billing History
 H and H Well 2 ref# 25206

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2007	08/20/07	TOU-P-S-2-AP	\$5,762.45	89,511	165.6	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2007	09/19/07	TOU-P-S-2-AP	\$5,260.56	79,541	167.5	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2007	10/20/07	TOU-P-S-2-AP	\$2,271.41	25,370	166.8	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2007	11/20/07	TOU-P-S-2-AP	\$85.19	5	1.7	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2007	12/21/07	TOU-P-S-2-AP	\$80.38	0	1.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2008	01/22/08	TOU-P-S-2-AP	\$1,200.63	6,445	164.4	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2008	02/22/08	TOU-P-S-2-AP	\$843.68	917	162.2	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2008	03/21/08	TOU-P-S-2-AP	\$3,288.39	43,334	169.4	28
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2008	04/22/08	TOU-P-S-2-AP	\$3,110.43	39,653	166.8	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2008	05/22/08	TOU-P-S-2-AP	\$5,233.29	77,078	165.8	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2008	06/20/08	TOU-P-S-2-AP	\$4,658.95	70,094	168.0	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2008	07/22/08	TOU-P-S-2-AP	\$4,782.58	73,629	168.0	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2008	08/20/08	TOU-P-S-2-AP	\$4,848.41	75,156	166.8	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2008	09/22/08	TOU-P-S-2-AP	\$5,173.74	79,998	165.8	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2008	10/22/08	TOU-P-S-2-AP	\$2,822.87	35,196	166.8	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2008	11/21/08	TOU-P-S-2-AP	\$93.91	3	2.2	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2008	12/22/08	TOU-P-S-2-AP	\$85.38	29	0.2	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2009	01/22/09	TOU-P-S-2-AP	\$85.53	32	2.2	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2009	02/23/09	TOU-P-S-2-AP	\$1,312.54	6,729	169.4	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2009	03/25/09	TOU-P-S-2-AP	\$2,086.88	20,828	172.1	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2009	04/24/09	TOU-P-S-2-AP	\$3,482.82	45,564	168.7	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2009	05/28/09	TOU-P-S-2-AP	\$4,922.74	73,449	169.2	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2009	06/24/09	TOU-P-S-2-AP	\$4,035.36	56,910	169.7	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2009	07/24/09	TOU-P-S-2-AP	\$4,192.87	61,140	166.8	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2009	08/24/09	TOU-P-S-2-AP	\$4,832.26	72,740	165.1	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2009	09/22/09	TOU-P-S-2-AP	\$3,221.56	41,340	167.3	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2009	10/23/09	TOU-P-S-2-AP	\$2,689.70	23,099	166.6	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2009	11/23/09	TOU-P-S-2-AP	\$1,645.14	5,888	166.6	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2009	12/22/09	TOU-P-S-2-AP	\$1,347.18	1,350	165.8	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2010	01/24/10	TOU-P-S-2-AP	\$113.76	0	0.0	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2010	02/23/10	TOU-P-S-2-AP	\$120.67	1	1.4	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2010	03/24/10	TOU-P-S-2-AP	\$138.02	25	1.9	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2010	04/22/10	TOU-P-S-2-AP	\$3,911.63	38,589	170.6	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2010	05/21/10	TOU-P-S-2-AP	\$5,078.07	57,481	167.3	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2010	06/22/10	TOU-P-S-2-AP	\$4,439.13	60,705	165.1	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2010	07/22/10	TOU-P-S-2-AP	\$4,474.04	70,384	167.0	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2010	08/23/10	TOU-P-S-2-AP	\$5,367.46	86,228	170.6	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2010	09/21/10	TOU-P-S-2-AP	\$3,684.26	60,004	169.2	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2010	10/21/10	TOU-P-S-2-AP	\$2,210.29	25,391	168.5	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2010	11/20/10	TOU-P-S-2-AP	\$139.45	13	1.9	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2010	12/21/10	TOU-P-S-2-AP	\$122.94	0	0.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2011	01/21/11	TOU-P-S-2-AP	\$139.70	16	2.2	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2011	02/22/11	TOU-P-S-2-AP	\$123.80	13	0.2	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2011	03/23/11	TOU-P-S-2-AP	\$3,768.84	34,266	185.8	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2011	04/21/11	TOU-P-S-2-AP	\$3,875.12	38,812	163.9	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2011	05/20/11	TOU-P-S-2-AP	\$4,512.43	47,595	166.8	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2011	06/22/11	TOU-P-S-2-AP	\$4,971.32	76,694	164.6	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	July, 2011	07/21/11	TOU-P-S-2-AP	\$3,630.97	60,408	164.6	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	August, 2011	08/19/11	TOU-P-S-2-AP	\$4,103.27	67,492	167.0	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	September, 2011	09/20/11	TOU-P-S-2-AP	\$4,458.84	77,227	168.0	32
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	October, 2011	10/23/11	TOU-P-S-2-AP	\$3,192.29	37,551	164.9	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	November, 2011	11/22/11	TOU-P-S-2-AP	\$1,544.73	1,930	164.6	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	December, 2011	12/22/11	TOU-P-S-2-AP	\$125.42	26	0.2	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	January, 2012	01/24/12	TOU-P-S-2-AP	\$2,243.44	15,653	163.0	33
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	February, 2012	02/23/12	TOU-P-S-2-AP	\$217.63	3	11.5	30
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	March, 2012	03/23/12	TOU-P-S-2-AP	\$3,051.38	30,370	170.4	29
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	April, 2012	04/23/12	TOU-P-S-2-AP	\$4,172.08	53,261	167.0	31
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	May, 2012	05/22/12	TOU-P-S-2-AP	\$4,562.01	59,673	168.2	29

Scott Harter
S/A# 021-1217-16 Billing History
H and H Well 2 ref# 25206

Cust Name	Cust Num	Serv Acct Num	Meter Num	Service Street Addr	City Name	Zip	Billing Mo/Yr	Meter Read Date	Stmnt Rate	Bill Amt	KWH Usage	Maximum KW	Billing Days
HARTER, SCOTT	3381676	21121716	349M-001134	120TH ST W	ROSAMOND	93560	June, 2012	06/21/12	TOU-P-S-2-AP	\$3,991.02	67,565	170.2	30



Multiple Point Test Summary

Pumping Plant Name	H & H WELL #2	H & H WELL #2	H & H WELL #2	H & H WELL #2	H & H WELL #2	H & H WELL #2	H & H WELL #2
Test Date	10/3/2002	9/2/2003	8/5/2004	6/13/2005	4/19/2006	6/5/2007	
Pump Tester Name	GARY PARDUE	GARY PARDUE	RICK KOCH	RICK KOCH	RICK KOCH	RICK KOCH	
CSS Service Account	021-1217-16	021-1217-16	021-1217-16	021-1217-16	021-1217-16	021-1217-16	
Meter Number	PO3760-1007	V249M-5004	V249M-5004	V249M-5004	V249M-5004	349M-1134	
Reference Number	25206	25206	25206	25206	25206	25206	
Rate	TOU-PA-SOP	TOU-PA-SOP	TOU-PA-SOP-2	TOU-PA-SOP-2	TOU-PA-SOP-2	TOU-P-S-2-1	
Average \$ Cost/kWh		0.088992	0.06268	0.06611	0.0589	0.07479	
Type	TW	TW	TW	TW	TW	TW	
Motor HP	200	200	200	200	200	200	
Motor Mfg.	US	US	US	US	US	US	
Pump Mfg.							

Test Points	T-1	T-2	T-3	T-1	T-2	T-3	T-1	T-2	T-3	T-1	T-2	T-3	T-1	T-2	T-3
Discharge Pressure, PSI	50.6	74.2	94.7	49.3	75.6	96	39.7	60.2	79.3	36.3	59.5	86	53.5	70.5	86
Suction Pressure, PSI															
Drawdown, Ft.	57.6	54.3	50.7	47.7	43.7	39.9	42.2	39.3	36.1	44.6	41.2	46.6	51.2	49	46.6
Pumping Level, Ft.	369	365.7	362.1	388.6	384.6	380.8	391.3	388.4	385.2	390.4	387	370.8	370.8	368.6	366.2
Standing Level, Ft.	311.4	311.4	311.4	340.9	340.9	340.9	349.1	349.1	349.1	345.8	345.8	319.6	319.6	319.6	319.6
Discharge Head Ft.	116.9	171.4	218.8	113.9	174.6	221.8	91.7	139.1	183.2	83.9	137.4	123.6	123.6	162.9	198.7
Suction Head Ft.															
Total Head Ft.	485.9	537.1	580.9	502.5	559.2	602.6	483	527.5	568.4	474.3	524.4	494.4	494.4	531.5	564.9
Customer GPM	1292			1236			1233			1255			1247		
Capacity GPM	1344	1201	1078	1249	1097	986	1209	1129	1042	1264	1155	1233	1233	1139	1049
GPM/Ft. Drawdown, Ft.	23.3	22.1	21.3	26.2	25.1	24.7	28.6	28.7	28.9	28.3	28	24.1	24.1	23.2	22.5
Acre Ft./24 Hour	5.94	5.308	4.765	5.521	4.849	4.358	5.344	4.99	4.606	5.587	5.105	5.45	5.45	5.034	4.637
kW Input	164.6	161.6	157.3	163.8	159.1	153.6	161.8	158.4	153.6	167	164	163	163	159	156
HP Input	220.7	216.7	210.9	219.7	213.4	206	217	212.4	206	223.9	219.9	218.6	218.6	213.2	209.2
Pump Speed, RPM	1781			1779			1780			1779		1782	1781		
Motor Load %	105.3	103.4	100.6	104.8	101.8	98.3	103.5	101.3	98.3	106.8	104.9	104.3	104.3	101.7	99.8
kWh/Acre Ft.	665	731	792	712	788	846	727	762	801	718	771	718	718	758	808
Overall Plant Eff., %	74.7	75.2	75	72.2	72.6	72.8	68	70.8	72.6	67.6	69.5	70.4	70.4	71.7	71.5

Improved Plant Eff., %	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%	74%
Improved kWh/Acre Ft.															
Potential Savings, \$															

Note: For more detailed information pertaining to pump test results, please refer to Pump Test Results and Cost Analysis Letters

Multiple Point Test Summary

Pumping Plant Name	H & H WELL #2	H & H WELL #2	H & H WELL #2
Test Date	9/22/2008	9/17/2009	8/9/2010
Pump Tester Name	RICK KOCH	RICK KOCH	RICK KOCH
CSS Service Account	021-1217-16	021-1217-16	021-1217-16
Meter Number	349M-1134	349M-1134	349M-1134
Reference Number	25206	25206	25206
Rate	TOU-P-S-2-I	TOU-P-S-2-I	TOU-P-S-2-AP
Average \$ Cost/kWh	0.0726	0.07321	0.08615
Type	TW	TW	TW
Motor HP	200	200	200
Motor Mfg.	US	US	US
Pump Mfg.			

Test Points	T-1	T-2	T-3	T-1	T-2	T-3	T-1	T-2	T-3	T-1	T-2	T-3
Discharge Pressure, PSI	39	59	77.5	41.5	69.6	92.7	35.7	67.5	84.5			
Suction Pressure, PSI												
Drawdown, Ft.	46.2	43.1	39.7	47.2	42.9	38.5	45.9	40.8	37.9			
Pumping Level, Ft.	389.6	386.5	383.1	379	374.7	370.3	382.3	377.2	374.3			
Standing Level, Ft.	343.4	343.4	343.4	331.8	331.8	331.8	336.4	336.4	336.4			
Discharge Head Ft.	90.1	136.3	179	95.9	160.8	214.1	82.5	155.9	195.2			
Suction Head Ft.												
Total Head Ft.	479.7	522.8	562.1	474.9	535.5	584.4	464.8	533.1	569.5			
Customer GPM	1265			1282			1303					
Capacity GPM	1292	1178	1076	1264	1139	997	1327	1155	1060			
GPM/Ft. Drawdown, Ft.	28	27.3	27.1	26.8	26.6	25.9	28.9	28.3	28			
Acre Ft./24 Hour	5.711	5.207	4.756	5.587	5.034	4.407	5.865	5.105	4.685			
kW Input	168	165	161	165.5	152.5	153.4	170	164	160			
HP Input	225.3	221.3	215.9	221.9	204.5	205.7	228	219.9	214.6			
Pump Speed, RPM	1780			1778			1779					
Motor Load %	107.5	105.5	103	105.9	97.5	98.1	108.7	104.9	102.3			
kWh/Acre Ft.	706	761	813	711	727	836	696	771	820			
Overall Plant Eff., %	69.5	70.3	70.7	68.3	75.3	71.5	68.3	70.7	71			

Improved Plant Eff., %	72%	72%	72%
Improved kWh/Acre Ft.		660.0	
Potential Savings, \$		\$1,635	

Note: For more detailed information pertaining to pump test results, please refer to Pump Test Results and Cost Analysis Letters

Water Withdrawal Estimation

This document details a number of suggested methods for estimating water use. They all involve knowing the energy consumption of the well, possibly in conjunction with discharge information (such as pipe or channel flow in gallons per minute), or only information concerning the energy usage if discharge information is unavailable. These methods include estimating pumpage based on:

- 1) pipe flow and discharge information (using electrical / natural gas energy records)
 - 2) open channel flow and discharge information (using electrical / natural gas energy records)
 - 3) calculating pumpage based on using hour meters
 - 4) estimating pumpage based on only electrical or natural gas energy records
- Pipe Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be “self-contained” and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an “Average Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – $Kr \times Kh$

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the "Number of Seconds for 10 Revolutions."

Calculate Using Natural Gas Energy Records

This method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Open Channel Flow & Discharge Information

Calculate Using Electrical Energy Records

This method works when the electric meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some electric meter-specific information.

Kr – Multiplier factor from your power bill. For some pump motors, which are 200 amps or less, the electric meter may be "self-contained" and the Kr should be considered as 1 for purposes of calculating Factor A.

Kh – Constant associated with the disk of your electric meter, it is located on the faceplate of the electric meter.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Number of Seconds for 10 Revolutions – The number of seconds it takes to turn the disk of your electric meter 10 revolutions, this figure should be noted in conjunction with each discharge measurement in order to obtain an "Average

Number of Seconds for 10 Revolutions” that corresponds to the “Average Discharge”.

Factor A – Kr x Kh

Factor B – Average Discharge (gallons / minute)

Factor C – Average Number of Seconds for 10 Revolutions

Divider – $19,550 \times \frac{\text{Factor A} \times 10}{\text{Factor B} \times \text{Factor C}}$

Water Withdrawal = $\frac{\text{Annual Electric Consumption (kw/hr)}}{\text{Divider}}$

Note: For those using newer digital power meters, please contact your power company to obtain some of the above information. These meters utilize light pulses rather than a disk, and you will not be able to calculate the “Number of Seconds for 10 Revolutions.”

Calculate Using Natural Gas Energy Records

As with the other estimating calculations detailed here, this method works when the gas meter does not serve uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two or more discharge measurements during the year (preferably during spring and late summer) in conjunction with some meter-specific information.

Average Discharge (gallons / minute) – Based on two or more measurements that should be taken during the spring and late summer (if possible), this figure is best measured following at least 24 hours of pump operation.

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

Factor F – Factor F shown on gas bill

Factor B – Average Discharge (gallons / minute)

Factor C – Average Cubic Feet / Sec from the gas meter

Divider – $19,550 \times \frac{\text{Factor F} \times \text{Factor C}}{\text{Factor B}}$

Water Withdrawal = $\frac{\text{Annual Gas Consumption (in therms)}}{\text{Divider}}$

Hour Meters

This method of estimation, unlike the others detailed above, works regardless of whether or not the energy meter serves uses other than measuring power consumption by the well. Calculating water pumpage using this method involves taking two readings and measurements during the year, specifically on January 1 and December 31.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

Average Discharge (gallons / minute) – Based on January 1 and December 31 measurements, this figure is best measured following at least 24 hours of pump operation.

Factor A – The result of subtracting the beginning (January 1) hour reading from the ending (December 31) hour reading.

Factor B – Average Discharge (gallons / minute) from discharges measured in conjunction with each meter reading.

$\frac{\text{Factor A} \times \text{Factor B} \times 60}{325,851 \text{ gallons}} = \text{Groundwater Withdrawal AF/yr}$

Energy Records Only

The two following calculations can be used to estimate water withdrawals based on records of electric or natural gas use by the well. The formulae assume that the well pump(s) are connected to a dedicated energy meter that reflects energy usage only for the well pump(s). In addition to energy usage, the calculations rely on knowing the depth of the well pump. Note that this will probably be less than the overall depth of the well. If you are unsure of this depth, you may contact your pump service company, or estimate based on knowledge of local water tables.

Calculate Using Only Electrical Energy Records

Electric Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

1.024 – kw/hrs needed to lift one AF of water one foot at 100 % efficiency.

.54 – Overall efficiency of electric well pump, expressed as a decimal.

$\frac{1.024 \times \text{lift depth}}{.54} = \text{Kw hours of electricity needed to lift one acre-foot of water}$

Example using a well with the pump set at 400 feet:

Uses 211,300 kw/hr of electricity, as shown through electric meter / billing records

$\frac{1.024 \times 400}{.54} = 758.52 \text{ kw/hr of electricity used to pump 1 AF of water}$

$\frac{211,300 \text{ kw/hr}}{758.52 \text{ kw/hr/AF}} = 278.57 \text{ AF of water pumped}$

Calculate Using Only Natural Gas Energy Records

Natural Gas Well Pump

Lift Depth – Depth in feet from which well pump is pumping water.

Acre-foot (AF) – Unit of water measure equal to 325,851 gallons.

MCF – Million Cubic Feet (ft³).

Therm – Unit of measure for natural gas equal to about 1,000 ft³.

.00318 – MCF of gas needed to lift one AF of water one foot at 100 % efficiency.

10.68 – Therms / 1,000 ft³ of gas.

.154 – Overall efficiency of natural gas pump, expressed as a decimal.

.00318 MCF x 10.68 x lift depth = Therms of natural gas needed to pump 1
AF
.154 of water from a known depth

Example using a well with the pump set at 400 feet:

Uses 24,572.66 therms of natural gas, as shown through meter / billing records

.00318 MCF x 10.68 x 400 = 88.21 therms of natural gas used to pump 1 AF
of water
.154

24,572.66 therms = 278.57 AF of water pumped
88.21 therms / AF