

EXHIBIT “A”



Confidential/Proprietary Information

March 23, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: CORNER WELL *well #1*

Location: 9955 E AVE F-8 HP: 50
Cust #: 0-000-4753 Serv. Acct. #: 001-9609-71
Meter: 3412M-7004 Pump Ref. #: 25946

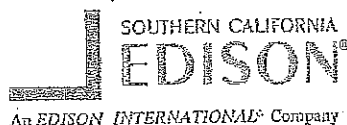
In accordance with your request, an energy efficiency test was performed on your turbine well pump on March 22, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

	Pump:	Equipment
	GOULD	No: FR363743
	US	No: 076248419

Results	Test 1	Test 2
Discharge Pressure, PSI	7.7	21.4
Standing Water Level, Feet	181.7	181.7
Drawdown, Feet	32.9	30.3
Discharge Head, Feet	17.8	49.4
Pumping Water Level, Feet	214.6	212.0
Total Head, Feet	232.4	261.4
Capacity, GPM	249	219
GPM per Foot Drawdown	7.6	7.2
Acre Feet Pumped in 24 Hours	1.101	.968
kW Input to Motor	19.5	18.5
HP Input to Motor	26.1	24.8
Motor Load (%)	47.7	45.3
Measured Speed of Pump, RPM	1,791	
kWh per Acre Foot	425	459
Overall Plant Efficiency (%)	55.9	58.3

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge.

RUSS JOHNSON
Manager
Hydraulic Services



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March 23, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: CORNER WELL well #1
Location: 9955 E AVE F-8 HP: 50
Cust #: 0-000-4753 Serv. Acct. #: 001-9609-71
Meter: 3412M-7004 Pump Ref. #: 25946

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on March 22, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 55.9% to 65.0%.
2. This can save you up to 8,349 kWh and \$821.76 annually.
3. These kWh savings translate to a 3.6-ton decrease in CO₂ emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	59,520	51,171	8,349
kW Input	19.5	16.8	2.7
kWh per Acre Foot	425	366	60
Acre Feet per Year	139.9		
Average Cost per kWh	\$0.10		
Average Cost per Acre Foot	\$41.86	\$35.99	\$5.87
Overall Plant Efficiency (%)	55.9	65.0	
Total Annual Cost	\$5,858.55	\$5,036.79	\$821.76

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



**Save Energy,
Save Money. . .
Your test results show that you can!**

March 23, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: CORNER WELL well #1
Location: 9955 E AVE F-8 HP: 50
Cust #: 0-000-4753 Serv. Acct. #: 001-9609-71
Meter: 3412M-7004 Pump Ref. #: 25946

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on March 22, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	59,520	51,171	8,349	\$751.38
KW Input	19.5	16.8	2.7	
KW on-peak activity factor *			1.8	\$177.79
Acre Feet per Year	139.9			
kWh per Acre Foot	425	366	60	
Average Cost per Acre Foot	\$41.86	\$35.99	\$5.87	
Overall Plant Efficiency (%)	55.9	65.0		
Annual Total	\$5,858.55	\$5,036.79	\$821.76	\$929.17

(*The KW on-peak activity factor represents how the KW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 2.7 kW, and the savings used for incentive calculations is 65% of 2.7, or 1.8 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be improved from 55.9% to 65.0%.
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-B, we estimate that you may save up to 8,349 kWh annually (which translates to a 3.6-ton decrease in CO₂ emissions). This may result in energy cost savings of \$821.76.
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of \$0.09 per kWh and \$100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and KW, you would be eligible for a Potential Cash Incentive of \$929.17, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact Caroline Lee at [redacted] to complete a project application. All applicants must receive a written approval authorization before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit www.sce.com/rebatesandsavings, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison



Confidential/Proprietary Information

November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: MIDDLE WELL #2
Location: 47359 100TH ST EAST HP: 200
Cust #: 0-000-4753 Serv. Acct. #: 024-7632-19
Meter: V349N-648 Pump Ref. #: 25940

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 27, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-I.

	<u>Existing</u>
Total kWh	689,460
kW Input	160.1
kWh per Acre Foot	659
Acre Feet per Year	1,046.7
Average Cost per kWh	\$0.07
Average Cost per Acre Foot	\$47.81
Overall Plant Efficiency (%)	69.6
<hr/> Total Annual Cost	<hr/> \$50,041.01

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: MIDDLE WELL #2
Location: 47359 100TH ST EAST HP: 200
Cust #: 0-000-4753 Serv. Acct. #: 024-7632-19
Meter: V349N-648 Pump Ref. #: 25940

In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 27, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment

Pump:	B/J	No:	671L0266
Motor:	US	No:	G07-BF80A-MC1

Results

Discharge Pressure, PSI	82.3
Standing Water Level, Feet	235.6
Drawdown, Feet	22.7
Discharge Head, Feet	190.1
Pumping Water Level, Feet	258.3
Total Head, Feet	448.4
Capacity, GPM	1,320
GPM per Foot Drawdown	58.1
Acre Feet Pumped in 24 Hours	5.834
kW Input to Motor	160.1
HP Input to Motor	214.7
Motor Load (%)	103.3
Measured Speed of Pump, RPM	1,785
kWh per Acre Foot	659
Overall Plant Efficiency (%)	69.6

The standing level was measured down through the pump column. At the time of the test, 69' of oil was found on top of the water in the casing. 7 lines were open for this test.

RUSS JOHNSON
Manager
Hydraulic Services



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March 23, 2012

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LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: END WELL Wall #3
Location: 9745 E AVE F-8 HP: 300
Cust #: 0-000-4753 Serv. Acct. #: 013-7894-12
Meter: V349M-18967 Pump Ref. #: 25939

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on March 22, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-1.

	<u>Existing</u>
Total kWh	1,017,072
kW Input	188.7
kWh per Acre Foot	626
Acre Feet per Year	1,623.7
Average Cost per kWh	\$0.07
Average Cost per Acre Foot	\$43.89
Overall Plant Efficiency (%)	73.1
<hr/> Total Annual Cost	<hr/> \$71,266.24

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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March 23, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: END WELL well #3
Location: 9745 E AVE F-8 HP: 300
Cust #: 0-000-4753 Serv. Acct. #: 013-7894-12
Meter: V349M-18967 Pump Ref. #: 25939

In accordance with your request, an energy efficiency test was performed on your turbine well pump on March 22, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment	
Pump:	N/A
Motor:	US
No:	NO PLATE
No:	A05A098R027M3

Results

Discharge Pressure, PSI	63.4
Standing Water Level, Feet	280.0
Drawdown, Feet	21.3
Discharge Head, Feet	146.5
Pumping Water Level, Feet	301.3
Total Head, Feet	447.8
Capacity, GPM	1,636
GPM per Foot Drawdown	76.8
Acre Feet Pumped in 24 Hours	7.231
kW Input to Motor	188.7
HP Input to Motor	253.0
Motor Load (%)	80.1
Measured Speed of Pump, RPM	1,791
kWh per Acre Foot	626
Overall Plant Efficiency (%)	73.1

RUSS JOHNSON
Manager
Hydraulic Services



December 7, 2012

Mr. Nick Van Dam
High Desert Dairy
9753 East Avenue F-8
Lancaster, CA 93535

Re: Summary of 2012 Pump Tests

Dear Mr. Van Dam,

Thank you for your participation in SCE's Hydraulic Pump Testing Program this year. Our goal is to exceed your expectations by providing excellent customer service. Hopefully the test results and resulting energy efficiency information that was provided during the course of 2012 will aid High Desert Dairy in its evaluation of pumping operations.

In addition to our standard reports, we now have the capability of providing enhanced reports that can be sent electronically or via hardcopy that may also be useful in evaluation of High Desert Dairy's water pumping operations. The following sample reports are attached:

- 2012 Pump Test Summary: Contains data from all tests completed during 2012. Historical data is included.
- 2012 Cost Analysis Summary: Contains cost data showing potential savings from the data collected; 2012 pump testing identified a total of \$32,932 in potential improved annual efficiency savings from selected pumps. \$43,574 in potential incentive rebates is also available for those selected pumps.

Please let us know if you would like to have the following reports sent electronically. We value your feedback and can customize reports to fit your needs. We would be willing to meet and discuss any questions regarding our service and other Energy Efficiency Programs that may benefit High Desert Dairy.

Best Regards,

Rick Koch
Hydraulic/Industrial Services
E-Mail: rick.koch@sce.com
Cell Phone: 805-338-1398
Office Phone: 805-654-7312

HDD000142



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: MARZULO NORTH #5
Location: 7307 E AVENUE F-4 HP: 350
Cust #: 0-000-4753 Serv. Acct. #: 030-1435-96
Meter: V349N-1668 Pump Ref. #: 25302

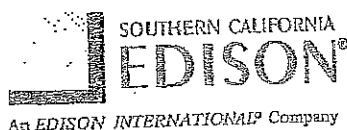
The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 27, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-I.

	<u>Existing</u>
Total kWh	835,284
kW Input	230.6
kWh per Acre Foot	737
Acre Feet per Year	1,133.2
Average Cost per kWh	\$0.08
Average Cost per Acre Foot	\$58.00
Overall Plant Efficiency (%)	74.3
<hr/> Total Annual Cost	<hr/> \$65,728.50

The hydraulic test results indicate that this pump is operating in an efficient manner.

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: MARZULO NORTH #5
Location: 7307 E AVENUE F-4 HP: 350
Cust #: 0-000-4753 Serv. Acct. #: 030-1435-96
Meter: V349N-1668 Pump Ref. #: 25302

In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 27, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

	Equipment	
Pump:	JLINE	No: NO PLATE
Motor:	US	No: 82001499009R01

Results

Discharge Pressure, PSI	75.9
Standing Water Level, Feet	225.7
Drawdown, Feet	134.8
Discharge Head, Feet	175.3
Pumping Water Level, Feet	360.5
Total Head, Feet	535.8
Capacity, GPM	1,699
GPM per Foot Drawdown	12.6
Acre Feet Pumped in 24 Hours	7.510
kW Input to Motor	230.6
HP Input to Motor	309.2
Motor Load (%)	83.6
Measured Speed of Pump, RPM	1,789
Customer Meter, GPM	1,540
kWh per Acre Foot	737
Overall Plant Efficiency (%)	74.3

8 lines were open for this test.

RUSS JOHNSON
Manager
Hydraulic Services

November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: NICK'S WELL #6
Location: 7259 E AVE F-8 HP: 40
Cust #: 0-000-4753 Serv. Acct. #: 000-0392-11
Meter: 3416M-6339 Pump Ref. #: 17856

In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 27, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

	Equipment	
Pump:	L & B	No: 14767
Motor:	US	No: 07BF48AMD17006

Results	Test 1	Test 2
Discharge Pressure, PSI	65.5	74.3
Standing Water Level, Feet	153.7	153.7
Drawdown, Feet	34.9	32.7
Discharge Head, Feet	151.3	171.6
Pumping Water Level, Feet	188.6	186.4
Total Head, Feet	339.9	358.0
Capacity, GPM	362	327
GPM per Foot Drawdown	10.4	10.0
Acre Feet Pumped in 24 Hours	1.600	1.445
kW Input to Motor	40.7	39.9
HP Input to Motor	54.6	53.5
Motor Load (%)	122.1	119.7
Measured Speed of Pump, RPM	1,776	
kWh per Acre Foot	611	663
Overall Plant Efficiency (%)	56.9	55.3

Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge. 2 lines were open for this test.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: NICK'S WELL 776
Location: 7259 E AVE F-8 HP: 40
Cust #: 0-000-4753 Serv. Acct. #: 000-0392-11
Meter: 3416M-6339 Pump Ref. #: 17856

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 27, 2012, billing history for the past 12 months, and your current rate of TOU-PA-A.

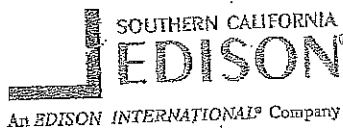
Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 56.9% to 64.0%.
2. This can save you up to 12,380 kWh and \$1,286.40 annually.
3. These kWh savings translate to a 5.4-ton decrease in CO₂ emissions.

	Plant Efficiency		
	Existing	Improved	Savings
Total kWh	112,068	99,688	12,380
kW Input	40.7	36.2	4.5
kWh per Acre Foot	611	543	67
Acre Feet per Year	183.5		
Average Cost per kWh	\$0.10		
Average Cost per Acre Foot	\$63.45	\$56.44	\$7.01
Overall Plant Efficiency (%)	56.9	64.0	
<hr/>			
Total Annual Cost	\$11,644.99	\$10,358.58	\$1,286.40

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



**Save Energy,
Save Money...**
Your test results show that you can!

November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: NICK'S WELL
Location: 7259 E AVE F-8 HP: 40
Cust #: 0-000-4753 Serv. Acct. #: 000-0392-11
Meter: 3416M-6339 Pump Ref. #: 17856

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on November 27, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	112,068	99,688	12,380	\$1,114.20
kW Input	40.7	36.2	4.5	
kW on-peak activity factor *			2.9	\$292.24
Acre Feet per Year	183.5			
kWh per Acre Foot	611	543	67	
Average Cost per Acre Foot	\$63.45	\$56.44	\$7.01	
Overall Plant Efficiency (%)	56.9	64.0		
Annual Total	\$11,644.99	\$10,358.58	\$1,286.40	\$1,406.44

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 4.5 kW, and the savings used for incentive calculations is 65% of 4.5, or 2.9 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be improved from 56.9% to 64.0%.
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-A, we estimate that you may save up to 12,380 kWh annually (which translates to a 5.4-ton decrease in CO₂ emissions). This may result in energy cost savings of \$1,286.40.
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of \$0.09 per kWh and \$100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a Potential Cash Incentive of \$1,406.44, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact Caroline Lee at (760)951-3210 to complete a project application. All applicants must receive a written approval authorization before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit www.sce.com/rebatesandsavings, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison



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November 30, 2012

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HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: MARZULO SOUTH #7
Location: 7566 E AVENUE F-12 HP: 200
Cust #: 0-000-4753 Serv. Acct. #: 026-3166-81
Meter: V349N-18219 Pump Ref. #: 25941

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 27, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-I.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 67.3% to 72.0%.
2. This can save you up to 55,786 kWh and \$3,849.81 annually.
3. These kWh savings translate to a 24-ton decrease in CO₂ emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	863,628	807,842	55,786
kW Input	196.7	184.0	12.7
kWh per Acre Foot	625	584	40
Acre Feet per Year	1,382.5		
Average Cost per kWh	\$0.07		
Average Cost per Acre Foot	\$43.11	\$40.33	\$2.78
Overall Plant Efficiency (%)	67.3	72.0	
Total Annual Cost	\$59,598.97	\$55,749.16	\$3,849.81

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9763 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: MARZULO SOUTH
Location: 7566 E AVENUE F-12 HP: 200
Cust #: 0-000-4753 Serv. Acct #: 026-3166-81
Meter: V349N-18219 Pump Ref #: 25941

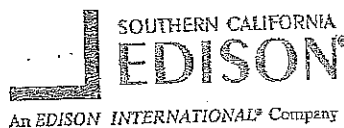
In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 27, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment		
Pump:	L&B	No: 28249
Motor:	US	No: 3182

Results	Test 1	Test 2
Discharge Pressure, PSI	60.7	78.5
Standing Water Level, Feet	230.6	230.6
Drawdown, Feet	40.6	39.1
Discharge Head, Feet	140.2	181.3
Pumping Water Level, Feet	271.2	269.7
Total Head, Feet	411.4	451.0
Capacity, GPM	1,710	1,614
GPM per Foot Drawdown	42.1	41.3
Acre Feet Pumped in 24 Hours	7.558	7.134
kW Input to Motor	196.7	201.1
HP Input to Motor	263.8	269.7
Motor Load (%)	123.3	126.1
Measured Speed of Pump, RPM	1,774	
kWh per Acre Foot	625	677
Overall Plant Efficiency (%)	67.3	68.2

The standing level was measured down through the pump column. Test 1 is the normal operation of this pump at the time of the above test(s). The other results were obtained by throttling the discharge. At the time of the test, there was 113' of oil on top of the water in the well casing. 9 lines were open for this test.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: MARZULO SOUTH #7
Location: 7566 E AVENUE F-12 HP: 200
Cust #: 0-000-4753 Serv. Acct. #: 026-3166-81
Meter: V349N-18219 Pump Ref. #: 25941

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on November 27, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	863,628	807,842	55,786	\$5,020.76
kW Input	196.7	184.0	12.7	
kW on-peak activity factor *			8.3	\$825.88
Acre Feet per Year	1,382.5			
kWh per Acre Foot	625	584	40	
Average Cost per Acre Foot	\$43.11	\$40.33	\$2.78	
Overall Plant Efficiency (%)	67.3	72.0		
Annual Total	\$59,598.97	\$55,749.16	\$3,849.81	\$5,846.65

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 12.7 kW, and the savings used for incentive calculations is 65% of 12.7, or 8.3 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be improved from 67.3% to 72.0%.
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-B-I, we estimate that you may save up to 55,786 kWh annually (which translates to a 24-ton decrease in CO₂ emissions). This may result in energy cost savings of \$3,849.81.
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of \$0.09 per kWh and \$100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a Potential Cash Incentive of \$5,846.65, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact **Caroline Lee** at (760)951-3210 to complete a project application. All applicants must receive a written approval authorization before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit www.sce.com/rebatesandsavings, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison



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November 30, 2012

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LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: LAKES N WELL #8
Location: 75TH ST EAST HP: 75
Cust #: 0-000-4753 Serv. Acct. #: 026-9261-82
Meter: 256000-182132 Pump Ref. #: 10539

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 28, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-I.

	<u>Existing</u>
Total kWh	168,012
kW Input	68.3
kWh per Acre Foot	730
Acre Feet per Year	230.1
Average Cost per kWh	\$0.09
Average Cost per Acre Foot	\$67.19
<hr/>	
Total Annual Cost	\$15,460.46

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

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LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: LAKES N WELL #8

Location: 75TH ST EAST HP: 75
Cust #: 0-000-4753 Serv. Acct. #: 026-9261-82
Meter: 256000-182132 Pump Ref. #: 10539

In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 28, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment

Pump: PEERL No: 86079
Motor: GE No: DRJ425341

Results

Discharge Pressure, PSI	57.5
Standing Water Level, Feet	208.6
Drawdown, Feet	
Discharge Head, Feet	132.8
Pumping Water Level, Feet	
Total Head, Feet	
Capacity, GPM	508
GPM per Foot Drawdown	
Acre Feet Pumped in 24 Hours	2.245
kW Input to Motor	68.3
HP Input to Motor	91.6
Motor Load (%)	112.1
Measured Speed of Pump, RPM	1,778
kWh per Acre Foot	730
Overall Plant Efficiency (%)	

We were unable to measure the water levels with our sounder line and the air line is inoperative or missing. Therefore, we are unable to determine the total pumping head and overall plant efficiency. The standing level was measured down through the pump column. This pump is operating inefficiently. The inefficiency is most likely caused by pump wear, the failure of the pump design to meet existing conditions, or a combination of both. 3 lines were open for this test.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

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LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: LAKE BIG WELL #19
Location: 7361 E. AVENUE H HP: 350
Cust #: 0-000-4753 Serv. Acct. #: 029-8297-95
Meter: V349N-18354 Pump Ref. #: 25303

In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 28, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment		
Pump:	PEERL	No: NO PLATE
Motor:	US	No: 82001376001R05

Results

Discharge Pressure, PSI	72.2
Standing Water Level, Feet	259.9
Drawdown, Feet	27.1
Discharge Head, Feet	166.8
Pumping Water Level, Feet	287.0
Total Head, Feet	453.8
Capacity, GPM	2,092
GPM per Foot Drawdown	77.2
Acre Feet Pumped in 24 Hours	9.247
kW Input to Motor	271.2
HP Input to Motor	363.7
Motor Load (%)	98.2
Measured Speed of Pump, RPM	1,786
Customer Meter, GPM	1,956
kWh per Acre Foot	704
Overall Plant Efficiency (%)	65.9

13 lines were open for this test.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

NICK VAN DAM
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9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: LAKE BIG WELL #9
Location: 7361 E. AVENUE H HP: 350
Cust #: 0-000-4753 Serv. Acct. #: 029-8297-95
Meter: V349N-18354 Pump Ref. #: 25303

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 28, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-I.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 65.9% to 72.0%.
2. This can save you up to 83,258 kWh and \$6,541.59 annually.
3. These kWh savings translate to a 36-ton decrease in CO₂ emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	985,836	902,578	83,258
kW Input	271.2	248.3	22.9
kWh per Acre Foot	704	645	59
Acre Feet per Year	1,400.3		
Average Cost per kWh	\$0.08		
Average Cost per Acre Foot	\$55.32	\$50.64	\$4.67
Overall Plant Efficiency (%)	65.9	72.0	
Total Annual Cost	\$77,457.13	\$70,915.55	\$6,541.59

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: LAKE BIG WELL
Location: 7361 E. AVENUE H HP: 350
Cust #: 0-000-4753 Serv. Acct. #: 029-8297-95
Meter: V349N-18354 Pump Ref. #: 25303

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on November 28, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	985,836	902,578	83,258	\$7,493.23
kW Input	271.2	248.3	22.9	
kW on-peak activity factor *			14.9	\$1,488.76
Acre Feet per Year	1,400.3			
kWh per Acre Foot	704	645	59	
Average Cost per Acre Foot	\$55.32	\$50.64	\$4.67	
Overall Plant Efficiency (%)	65.9	72.0		
Annual Total	\$77,457.13	\$70,915.55	\$6,541.59	\$8,981.99

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 22.9 kW, and the savings used for incentive calculations is 65% of 22.9, or 14.9 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be improved from 65.9% to 72.0%.
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-B-I, we estimate that you may save up to 83,258 kWh annually (which translates to a 36-ton decrease in CO₂ emissions). This may result in energy cost savings of \$6,541.59.
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of \$0.09 per kWh and \$100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a Potential Cash Incentive of \$8,981.99, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact Caroline Lee at (760)951-3210 to complete a project application. All applicants must receive a written approval authorization before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit www.sce.com/rebatesandsavings, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison



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November 30, 2012

NICK VAN DAM
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9753 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: LAKE MIDDLE WL #10
Location: 7505 E AVENUE I HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 022-8729-98
Meter: 3412M-7385 Pump Ref. #: 25943

In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 28, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment		
Pump:	N/A	No: NO PLATE
Motor:	GE	No: 97311

Results

Discharge Pressure, PSI	55.7
Standing Water Level, Feet	249.2
Drawdown, Feet	98.2
Discharge Head, Feet	128.7
Pumping Water Level, Feet	347.4
Total Head, Feet	476.1
Capacity, GPM	776
GPM per Foot Drawdown	7.9
Acre Feet Pumped in 24 Hours	3.430
kW Input to Motor	115.5
HP Input to Motor	154.9
Motor Load (%)	114.4
Measured Speed of Pump, RPM	1,780
Customer Meter, GPM	799
kWh per Acre Foot	808
Overall Plant Efficiency (%)	60.2

RUSS JOHNSON
Manager
Hydraulic Services



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PUMPING COST ANALYSIS, Plant: LAKE MIDDLE WL #10
Location: 7505 E AVENUE I HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 022-8729-98
Meter: 3412M-7386 Pump Ref. #: 25943

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on November 28, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	<u>Existing</u>	<u>Improved</u>	<u>Savings</u>	<u>Cash Incentive</u>
Total kWh	310,848	271,364	39,484	\$3,553.52
kW Input	115.5	100.8	14.7	
kW on-peak activity factor *			9.5	\$953.59
Acre Feet per Year	384.6			
kWh per Acre Foot	808	706	103	
Average Cost per Acre Foot	\$67.50	\$58.93	\$8.57	
Overall Plant Efficiency (%)	60.2	69.0		
Annual Total	\$25,958.92	\$22,661.64	\$3,297.27	\$4,507.11

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 14.7 kW, and the savings used for incentive calculations is 65% of 14.7, or 9.5 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be improved from 60.2% to 69.0%.
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-B-I, we estimate that you may save up to 39,484 kWh annually (which translates to a 17-ton decrease in CO₂ emissions). This may result in energy cost savings of \$3,297.27.
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of \$0.09 per kWh and \$100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a Potential Cash Incentive of \$4,507.11, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact Caroline Lee at (760)951-3210 to complete a project application. All applicants must receive a written approval authorization before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit www.sce.com/rebatesandsavings, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: LAKE MIDDLE WL #12
Location: 7505 E AVENUE I HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 022-8729-98
Meter: 3412M-7385 Pump Ref. #: 25943

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 28, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-I.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 60.2% to 69.0%.
2. This can save you up to 39,484 kWh and \$3,297.27 annually.
3. These kWh savings translate to a 17-ton decrease in CO₂ emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	310,848	271,364	39,484
kW Input	115.5	100.8	14.7
kWh per Acre Foot	808	706	103
Acre Feet per Year	384.6		
Average Cost per kWh	\$0.08		
Average Cost per Acre Foot	\$67.50	\$58.93	\$8.57
Overall Plant Efficiency (%)	60.2	69.0	
Total Annual Cost	\$25,958.92	\$22,661.64	\$3,297.27

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: LAKES E WELL # 11
Location: 7435 E AVENUE I HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 022-9335-87
Meter: 345M-6166 Pump Ref. #: 10537

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on November 28, 2012, billing history for the past 12 months, and your current rate of TOU-PA-B-I.

Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 44.7% to 69.0%.
2. This can save you up to 102,373 kWh and \$9,269.90 annually.
3. These kWh savings translate to a 45-ton decrease in CO₂ emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	290,976	188,603	102,373
kW Input	90.5	58.7	31.8
kWh per Acre Foot	960	622	338
Acre Feet per Year	303.1		
Average Cost per kWh	\$0.09		
Average Cost per Acre Foot	\$86.92	\$56.34	\$30.58
Overall Plant Efficiency (%)	44.7	69.0	
Total Annual Cost	\$26,347.88	\$17,077.98	\$9,269.90

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



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November 30, 2012

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LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: LAKES E WELL
Location: 7435 E AVENUE I HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 022-9335-87
Meter: 345M-6166 Pump Ref. #: 10537

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on November 28, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	<u>Existing</u>	<u>Improved</u>	<u>Savings</u>	<u>Cash Incentive</u>
Total kWh	290,976	188,603	102,373	\$9,213.60
kW Input	90.5	58.7	31.8	
kW on-peak activity factor *			20.7	\$2,069.62
Acre Feet per Year	303.1			
kWh per Acre Foot	960	622	338	
Average Cost per Acre Foot	\$86.92	\$56.34	\$30.58	
Overall Plant Efficiency (%)	44.7	69.0		
Annual Total	\$26,347.88	\$17,077.98	\$9,269.90	\$11,283.22

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 31.8 kW, and the savings used for incentive calculations is 65% of 31.8, or 20.7 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be improved from 44.7% to 69.0%.
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-PA-B-1, we estimate that you may save up to 102,373 kWh annually (which translates to a 45-ton decrease in CO₂ emissions). This may result in energy cost savings of \$9,269.90.
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of \$0.09 per kWh and \$100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a Potential Cash Incentive of \$11,283.22, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact Caroline Lee at (760)951-3210 to complete a project application. All applicants must receive a written approval authorization before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit www.sce.com/rebatesandsavings, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison



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November 30, 2012

NICK VAN DAM
HIGH DESERT DAIRY
9753 EAST AVENUE F-8
LANCASTER, CA 93535

HYDRAULIC TEST RESULTS, Plant: LAKES E WELL
Location: 7435 E AVENUE I HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 022-9335-87
Meter: 345M-6166 Pump Ref. #: 10537

In accordance with your request, an energy efficiency test was performed on your turbine well pump on November 28, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

Equipment	
Pump:	N/A
Motor:	GE
No:	NO PLATE
No:	JDJ918141

Results

Discharge Pressure, PSI	62.5
Standing Water Level, Feet	249.1
Drawdown, Feet	26.3
Discharge Head, Feet	144.4
Pumping Water Level, Feet	275.4
Total Head, Feet	419.8
Capacity, GPM	512
GPM per Foot Drawdown	19.5
Acre Feet Pumped in 24 Hours	2.263
kW Input to Motor	90.6
HP Input to Motor	121.4
Motor Load (%)	89.6
Measured Speed of Pump, RPM	1,783
Customer Meter, GPM	592
kWh per Acre Foot	960
Overall Plant Efficiency (%)	44.7

This pump is operating inefficiently. The inefficiency is most likely caused by pump wear, the failure of the pump design to meet existing conditions, or a combination of both. Please see the attached pumping cost analysis for possible savings from pump replacement. 3 lines were open for this test.

RUSS JOHNSON
Manager
Hydraulic Services



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December 7, 2012

NICK VAN DAM
9753 EAST AVENUE F-8
LANCASTER, CA 93535

PUMPING COST ANALYSIS, Plant: GROVEN WELL #12
Location: 44770 95TH ST EAST HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 037-0456-09
Meter: 3412M-1260 Pump Ref. #: 18545

Dear SCE Customer:

Helping California businesses save energy and money is a major goal at SCE. As you know, our Technical Specialist performed a free energy efficiency test on one or more pumps at your facility on December 5, 2012. We thank you for the opportunity to provide this service, and appreciate your interest in the performance of your pumps.

The results of the testing, shown in the table below, indicate that the pump listed above has the potential for improved Overall Plant Efficiency (OPE), lower energy costs, and a cash incentive.

	Projected Incentive, Energy, and Cost Savings			
	Existing	Improved	Savings	Cash Incentive
Total kWh	358,104	282,159	75,945	\$6,835.08
kW Input	101.0	79.6	21.4	
kW on-peak activity factor *			13.9	\$1,392.28
Acre Feet per Year	450.5			
kWh per Acre Foot	795	626	169	
Average Cost per Acre Foot	\$65.00	\$51.22	\$13.79	
Overall Plant Efficiency (%)	54.4	69.0		
Annual Total	\$29,282.16	\$23,072.11	\$6,210.05	\$8,227.36

(*The kW on-peak activity factor represents how the kW impacts the SCE system during on-peak periods as determined by SCE's agricultural and water pumping customers' average load profiles. By improving efficiency, your expected kW savings is 21.4 kW, and the savings used for incentive calculations is 65% of 21.4, or 13.9 kW.)

Case studies have shown that repairing, retrofitting, or replacing inefficient pumps can save energy and money, and may even help you avoid serious operational problems. For your business, this could mean the following:

- **Improved Plant Efficiency:** Your OPE can be improved from 54.4% to 69.0%.
- **Lower Energy Costs:** Based on the test data, your past energy usage, and your current rate of TOU-P-B-1, we estimate that you may save up to 75,945 kWh annually (which translates to a 33-ton decrease in CO₂ emissions). This may result in energy cost savings of \$6,210.05.
- **Cash Incentive:** Through the retrofit and installation of more energy-efficient equipment, you have the potential to receive an incentive of \$0.09 per kWh and \$100 per on-peak activity factored kW reduced, courtesy of SCE's Customized Efficiency Program. Based on your estimated kWh and kW, you would be eligible for a Potential Cash Incentive of \$8,227.36, capped at 50% of your project cost. (See contract for details.)

If you are interested in an incentive for this pump, please contact Caroline Lee at (760)951-3210 to complete a project application. All applicants must receive a written approval authorization before implementing any project; failure to comply will result in forfeiture of incentive funding.

We encourage you to review your results and take advantage of SCE's energy efficiency expertise and incentives. Visit www.sce.com/rebatesandsavings, or give us a call and let us know how we can be of further service to you.

Sincerely,

Southern California Edison



Confidential/Proprietary Information

December 7, 2012

NICK VAN DAM
9753 EAST AVENUE F-8
LANCASTER, CA 93535

well #12
PUMPING COST ANALYSIS, Plant: GROVEN WELL
Location: 44770 95TH ST EAST HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 037-0456-09
Meter: 3412M-1260 Pump Ref. #: 18545

The following energy efficiency analysis is presented as an aid to your cost accounting. This is an estimate based on the conditions present during the Edison pump test performed on December 6, 2012, billing history for the past 12 months, and your current rate of TOU-P-B-I.

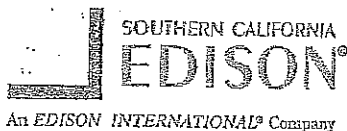
Assuming that water requirements will be the same as for the past year, and all operating conditions (annual hours of operation, head above, and water pumping level) will remain the same as they were at the time of the pump test, it is estimated that:

1. Overall plant efficiency can be improved from 54.4% to 69.0%.
2. This can save you up to 75,945 kWh and \$6,210.05 annually.
3. These kWh savings translate to a 33-ton decrease in CO₂ emissions.

	Existing	Plant Efficiency Improved	Savings
Total kWh	358,104	282,159	75,945
kW Input	101.0	79.6	21.4
kWh per Acre Foot	795	626	169
Acre Feet per Year	450.5		
Average Cost per kWh	\$0.08		
Average Cost per Acre Foot	\$65.00	\$51.22	\$13.79
Overall Plant Efficiency (%)	54.4	69.0	
Total Annual Cost	\$29,282.16	\$23,072.11	\$6,210.05

It is sincerely hoped that this information will prove helpful to you, and that your concerns over maintaining optimum pumping efficiency will be continued. If you have any questions regarding this report, please contact RICK KOCH at (805)654-7312.

RUSS JOHNSON
Manager
Hydraulic Services



Confidential/Proprietary Information

December 7, 2012

NICK VAN DAM
9753 EAST AVENUE F-8
LANCASTER, CA 93535

well #12
HYDRAULIC TEST RESULTS, Plant: GROVEN WELL
Location: 44770 95TH ST EAST HP: 125
Cust #: 0-000-4753 Serv. Acct. #: 037-0456-09
Meter: 3412M-1260 Pump Ref. #: 18545

In accordance with your request, an energy efficiency test was performed on your turbine well pump on December 5, 2012. If you have any questions regarding the results which follow, please contact RICK KOCH at (805)654-7312.

	Equipment	
Pump:	PEERL	No: NO PLATE
Motor:	N/A	No: NO PLATE

Results

Discharge Pressure, PSI	49.2
Standing Water Level, Feet	271.5
Drawdown, Feet	37.4
Discharge Head, Feet	113.7
Pumping Water Level, Feet	308.9
Total Head, Feet	422.6
Capacity, GPM	690
GPM per Foot Drawdown	18.4
Acre Feet Pumped in 24 Hours	3.050
KW Input to Motor	101.0
HP Input to Motor	135.4
Motor Load (%)	100.0
Measured Speed of Pump, RPM	1,785
kWh per Acre Foot	795
Overall Plant Efficiency (%)	54.4

Test #1 was performed with 5 lines open.

RUSS JOHNSON
Manager
Hydraulic Services