



# POWER FACTOR OPTIMIZATION

## ELECTRIC BILL EXAMPLES

CUSTOMER NAME				SERVICE ADDRESS		
BILLING PERIOD		METER READING		METER CONSTANT	KILOWATT HOURS	ACCOUNT NUMBER
FROM	TO	PREVIOUS	PRESENT			
04/03/2010	05/03/2010	40359	41562	40	48120	2

After

LAST PAYMENT CREDITED \$2,089.75 ON 04/16/2010.

OGP SECONDARY RATE

CHARGE FOR ELECTRIC SERVICE

FRANCHISE FEE

SALES TAX

FUEL ADJ FACTOR \$0.00167/KWH

2,719.03

81.57

234.55

CURRENT BILL

3,035.15

TOTAL AMOUNT DUE

3,035.15

$$(41562 - 40359) \times 40 = 48120 \text{ KWH}$$

$$\$2,719.03 / 48120 \text{ KWH} = \$0.0565 / \text{KWH}$$

CUSTOMER NAME				SERVICE ADDRESS		
BILLING PERIOD		METER READING		METER CONSTANT	KILOWATT HOURS	ACCOUNT NUMBER
FROM	TO	PREVIOUS	PRESENT			
		03520	04255	80	58800	

LAST PAYMENT CREDITED \$7,438.57 ON 04/05/2010

POWER AND LIGHT SECONDARY RATE

CUSTOMER CHARGE

ENERGY CHARGE

DEMAND CHARGE - SEE BELOW \*\*

FUEL ADJ AMT @ \$0.000978/KWH

75.16

2,540.41

4,116.00

57.51

CHARGE FOR ELECTRIC SERVICE

FRANCHISE FEE

6,789.08

203.67

CURRENT BILL

6,992.75

TOTAL AMOUNT DUE

6,992.75

Before

\*\*ACTUAL DEMAND 302    POWER FACTOR 72%    BILLING DEMAND 336

### DEMAND & PENALTY EXPLANATION

$$[302 \text{ (ACTUAL DEMAND)} / 72\% \text{ (CURRENT POWER FACTOR)}] \times 80\% \text{ (NON PENALTY POWER FACTOR)} = 336$$

$$\$12.25 \times [336 \text{ (BILLING DEMAND)} - 302 \text{ (ACTUAL DEMAND)}] = \$416.50$$

$$\$12.25 \times 336 = \$4,116.00$$

JUNE-OCT = \$12.25/KWH    NOV-MAY = \$6.35/KWH    \*\*AS OF MAY 2010

\*\*JEFF FROM OG&E RECOMMENDATION: ADD POWER FACTOR CORRECTION DEVICE.

Power Ready, 4121 S. Sheridan Road, Tulsa, OK 74145  
(918) 712-5300



150 Horse Power Injection Pump: *Payne Trust*, Linn Operating  
 Saving Approximately \$1,700 per month or 37% (ROI 3 Months)

CUSTOMER NAME [ ] NATGS				SERVICE ADDRESS [ ] S MUSTANG RD #PMP A			
BILLING PERIOD		METER READING		METER CONSTANT	KILOWATT HOURS	ACCOUNT NUMBER	
FROM	TO	PREVIOUS	PRESENT				
04/03/2010	05/03/2010	40359	41562	40	48120	[ ] 076-5	

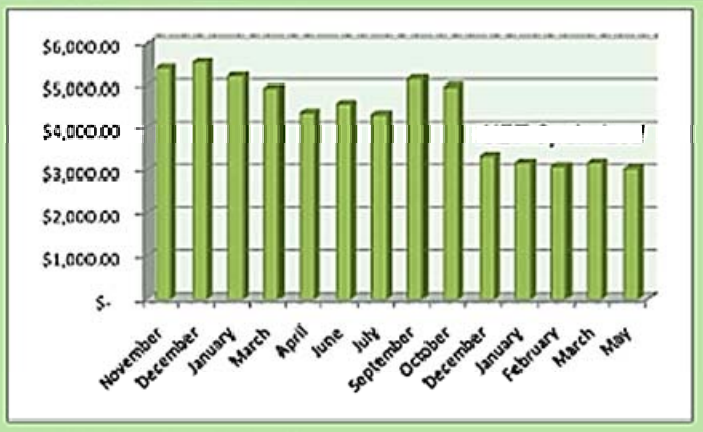
LAST PAYMENT CREDITED \$2,089.75 ON 04/16/2010.  
 OGP SECONDARY RATE  
 CHARGE FOR ELECTRIC SERVICE 2,719.03  
 FRANCHISE FEE 81.57  
 SALES TAX 234.55  
 CURRENT BILL 3,035.15

FUEL ADJ FACTOR \$0.00167/KWH

TOTAL AMOUNT DUE **3,035.15** **≈ 4,700.00**  
 AFTER BEFORE

A LATE PAYMENT CHARGE OF \$45.53 (1.5%) WILL BE ADDED IF PAYMENT IS NOT RECEIVED BY 05/25/2010.

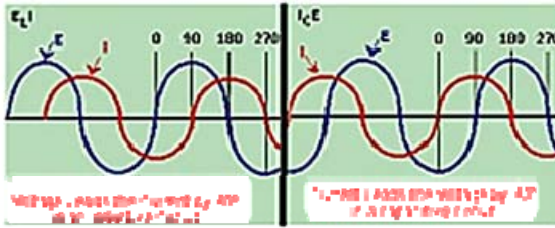
YOUR NEXT SCHEDULED METER READING DATE IS 05/02/2010.



Calculated 2010 Savings \$19,000  
 (Already Saved \$9,000)



E = Voltage I = Current C = Capacitance



www.powerready.net  
 4121 S. Sheridan Rd. Tulsa, OK 74145  
 (918) 712-5300

