

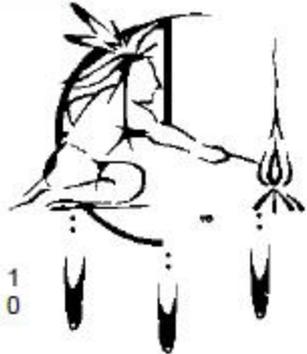
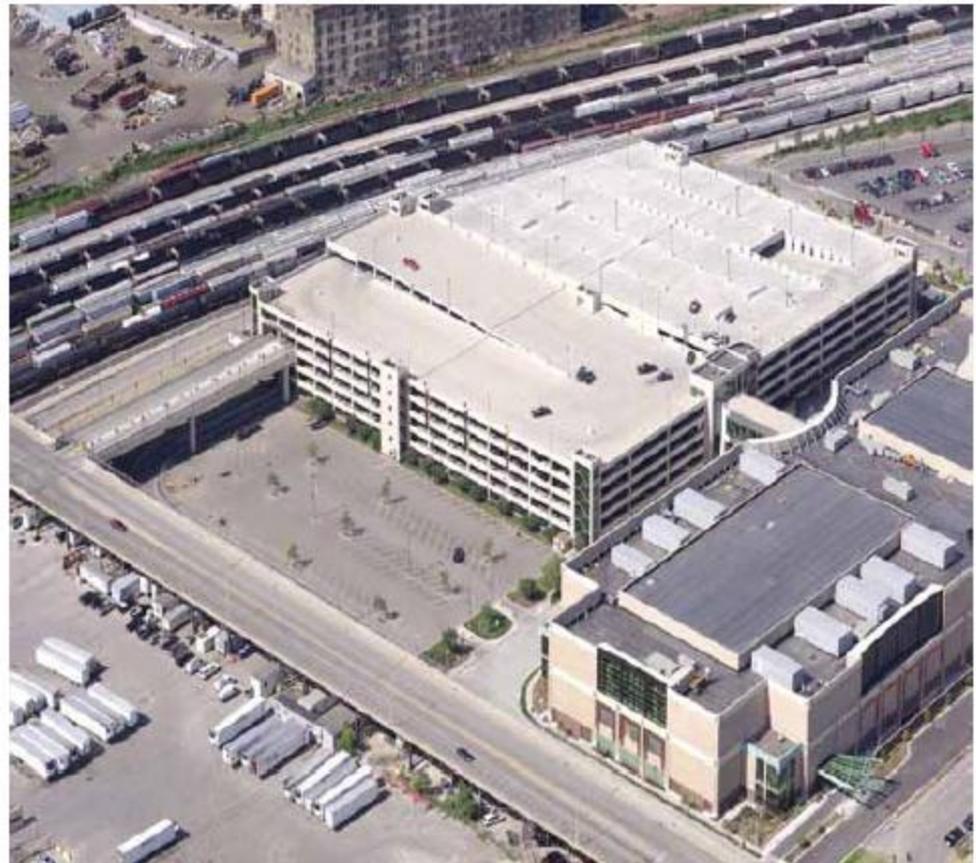
FCPC Parking Structure Lighting Upgrade

Presented By: David Brien

August 7, 2012

Parking Structure Lighting Project

- The Casino expansion more than doubled the size of its six-story parking structure to 1,046,640 sq. ft.
- The parking ramp is lit 24-hours/day.



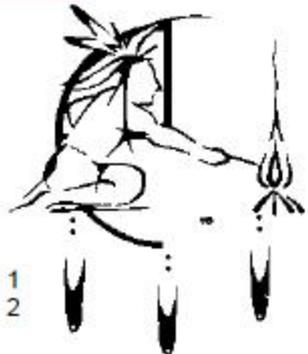
Parking Structure Lights

- The Project replaced 205W Metal Halide-type lights in the parking ramp area, valet parking area, and stairwells with . . .



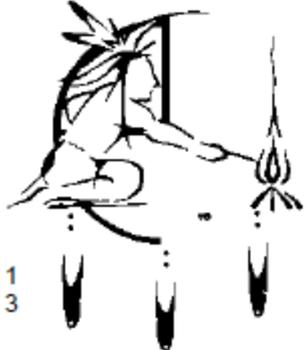
Parking Structure Lights

- 1,760 new energy-efficient 55W LED lights.



Parking Structure Lights

- Longer life and 10-year warranty reduce maintenance costs substantially.
- With support from DOE and State of Wisconsin Focus on Energy, project has two-year payback.



Parking Structure Lighting Energy Savings

- A 245.7 kW reduction in peak demand has already been measured.
- Total anticipated energy usage reduction of 2,260,080 kWhr/yr.
- Represents 54% reduction in energy use for the Parking Structure and 4% reduction in the Tribe's overall energy use.

Equates to an annual reduction of 1,900 tons CO₂ emissions.

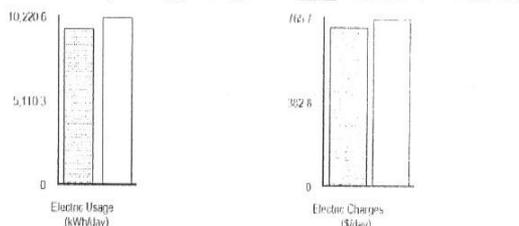


AUGUST 2010 ELECTRICITY USAGE

SEPTEMBER 2010 ELECTRICITY USAGE

ACCOUNT NUMBER	DATE DUE	AMOUNT DUE
2650-252-076	09/28/2010	

Monthly Energy Usage



	Usage/Day		Charges/Day		Avg Temp
Electric	9,515.15	10,220.69	\$726.32	\$765.70	73F 67

POTAWATOMI BINGO
338 S 17TH ST
MILWAUKEE WI 53233
PARKING STRUCTURE 2 ENERGY ANALYSIS

Billing Summary

Previous Balance 08/06/10
Payment Received As Of 08/20/10
Balance As Of 09/08/10
Current Energy Charges 09/08/10
Total Amount Due

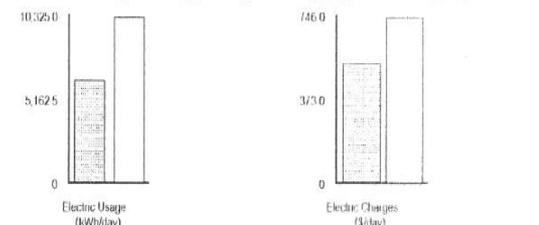
POTAWATOMI BINGO
338 S 17TH ST
MILWAUKEE WI 53233
PARKING STRUCTURE 2 ENERGY ANALYSIS

Billing Summary

Previous Balance 09/08/10
Payment Received As Of 10/01/10
Balance As Of 10/07/10
Current Energy Charges 10/07/10
Total Amount Due

ACCOUNT NUMBER	DATE DUE	AMOUNT DUE
2650-252-076	10/27/2010	

Monthly Energy Usage



	Usage/Day		Charges/Day		Avg Temp
Electric	6,413.79	10,325.00	\$538.47	\$746.00	61F 63F

Electric Service for 08/06/10 to 09/08/10 (33 Days) - 25 Heating Degree Days / 299 Cooling Degree Days

On Peak Period : 9am to 9pm

Electricity Used

Meter Number PVXZT53122
On Peak
Actual Reading on 09/08/10 8150
Actual Reading on 08/06/10 7901
Difference 249
Meter Multiplier x 400
On Peak Electricity Used 99,600kWh

Total
Actual Reading on 09/08/10 26250
Actual Reading on 08/06/10 25465
Difference 785
Meter Multiplier x 400
Total Electricity Used 314,000kWh
Actual Maximum Demand (08/14/10 @ 22:30) 484.000kw
Actual On-Peak Demand (08/13/10 @ 20:30) 476.000kw

Total Usage Period : 08/06/10 to 09/08/10

Billed On-Peak Demand 476.000kw
Customer Demand 12/07/09 - 01/11/10 616.000kw

Total Consumption for All Meters 314,000
Total On-Peak Consumption 99,600
Total Off-Peak Consumption 214,400
Next Scheduled Meter Reading Date 10/07/10

Current Electricity Charges

Gen Secondary Large TOU Demand - CG3 33 Days
Customer Demand Charge (616.00 kw x \$1 757000/kw)
On-Peak Demand Charge (476.00 kw x \$1 354000/kw)
Facilities (33 days x \$1 528770/days)
State Low-Income Assistance Fee
Energy - Off Peak (214,400 kWh x \$0.056000/kWh)
Energy - On Peak (99,600 kWh x \$0.076860/kWh)
Fuel Cost Adjustment - On Peak (99,600 kWh x \$0.002510/kWh)
Fuel Cost Adjustment - Off Peak (214,400 kWh x \$0.002510/kWh)
Point Beach Credit - On-Peak (99,600 kWh x \$0.009680-/kWh)
Point Beach Credit - Off-Peak (214,400 kWh x \$0.009680-/kWh)

Total Electricity Charges

Electric Service for 09/08/10 to 10/07/10 (29 Days) - 177 Heating Degree Days / 56 Cooling Degree Days

On Peak Period : 9am to 9pm

Electricity Used

Meter Number PVXZT53122
On Peak
Actual Reading on 10/07/10 8311
Actual Reading on 09/08/10 8150
Difference 161
Meter Multiplier x 400
On Peak Electricity Used 64,400kWh

Total
Actual Reading on 10/07/10 26715
Actual Reading on 09/08/10 26250
Difference 465
Meter Multiplier x 400
Total Electricity Used 186,000kWh
Actual Maximum Demand (09/11/10 @ 22:15) 368.000kw
Actual On-Peak Demand (09/10/10 @ 20:30) 356.000kw

Total Usage Period : 09/08/10 to 10/07/10

Billed On-Peak Demand 356.000kw
Customer Demand 12/07/09 - 01/11/10 616.000kw

Total Consumption for All Meters 186,000
Total On-Peak Consumption 64,400
Total Off-Peak Consumption 121,600
Next Scheduled Meter Reading Date 11/05/10

Current Electricity Charges

Gen Secondary Large TOU Demand - CG3 29 Days
Customer Demand Charge (616.00 kw x \$1 757000/kw)
On-Peak Demand Charge (356.00 kw x \$1 354000/kw)
Facilities (29 days x \$1 528770/days)
State Low-Income Assistance Fee
Energy - Off Peak (121,600 kWh x \$0.056000/kWh)
Energy - On Peak (64,400 kWh x \$0.076860/kWh)
Fuel Cost Adjustment - On Peak (64,400 kWh x \$0.002510/kWh)
Fuel Cost Adjustment - Off Peak (121,600 kWh x \$0.002510/kWh)
Point Beach Credit - On-Peak (64,400 kWh x \$0.009680-/kWh)
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Total Electricity Charges