LFG TO ELECTRICITY PROJECT IN SALT LAKE CITY

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Murray City Power
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10th Annual LMOP Conference







Murray City, Utah Wrights rastinues

"PUBLIC POWER WORKS IN MURRAY"



Murray City Power



- Since 1913
- 100 MW Summer Peaking
- 3-4% Sustained Annual Growth
- Reliability Is Critical
 - Comfort and safety of
 - Homes
 - Schools
 - Hospitals
 - Businesses The service we deliver is the lifeblood of our economy.

MURRAY

CITY POWER

RELIABILITY

- Qualified Employees
- Quality Equipment
- Poles and Wires The Delivery System
- Substation Capacity
- Transmission Capacity
- Power Supply Resource Mix





KEY PRINCIPLE OF POWER SUPPLY RELIABILITY

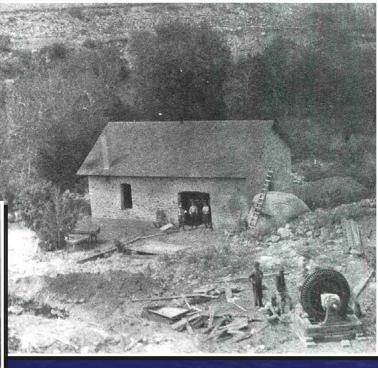
MAINTAIN A DIVERSITY OF

- SHAFTS,
- SITES, AND
- FUELS

1913 – Murray City Power's First

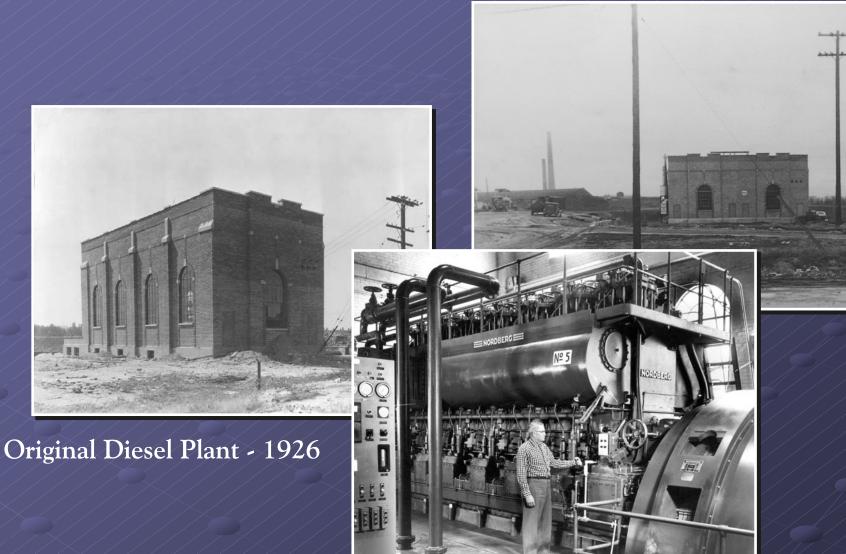
Hydro-Electric Plant





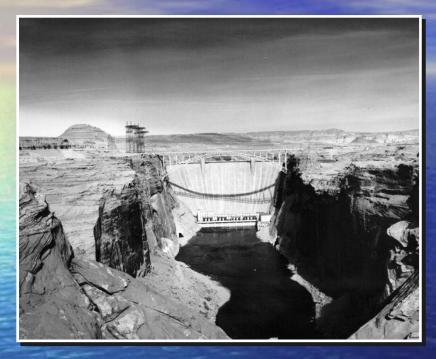
Diesel Generation

Expanded Diesel Plant – 1930's



Last Diesel Generator Added - 1958

Federal Hydro-Electric Projects



Glen Canyon Dam
On the Colorado River



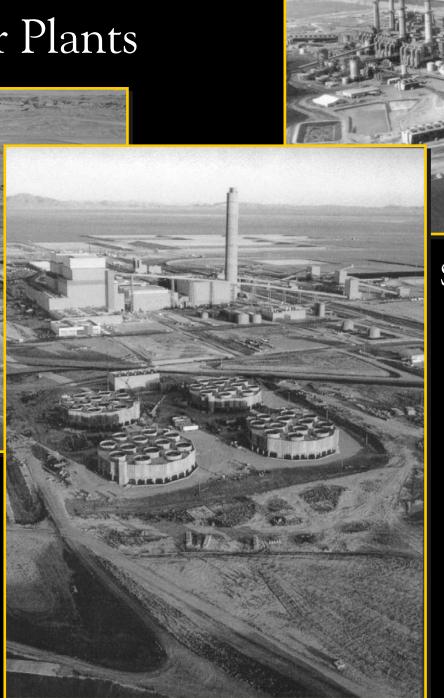
Flaming Gorge Dam On the Green River

Coal-Fired Power Plants



Hunter 2

Intermountain Power Project



San Juan 4



Gas Turbine Generation Station

KEY PRINCIPLE OF POWER SUPPLY RELIABILITY

MAINTAIN A DIVERSITY OF

- ✓ SHAFTS,
- ✓ SITES, AND
- FUELS

MURRAY CITY POWER

- Our Efforts In Environmental Stewardship
 - 17,000 trees planted over past 30 years
 - Gas Turbines replaced Diesel Generators
 - Hybrid cars
 - Clean, renewable 5 MW Hydro Power Plant
 - Free Energy audits
 - Public education for wise energy use
 - Rates promoting energy efficiency
 - Sponsorship of Arbor Day / Earth Day

KEY PRINCIPLE OF POWER SUPPLY RELIABILITY

MAINTAIN A DIVERSITY OF

- ✓ SHAFTS,
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WHERE ARE THE RENEWABLES?



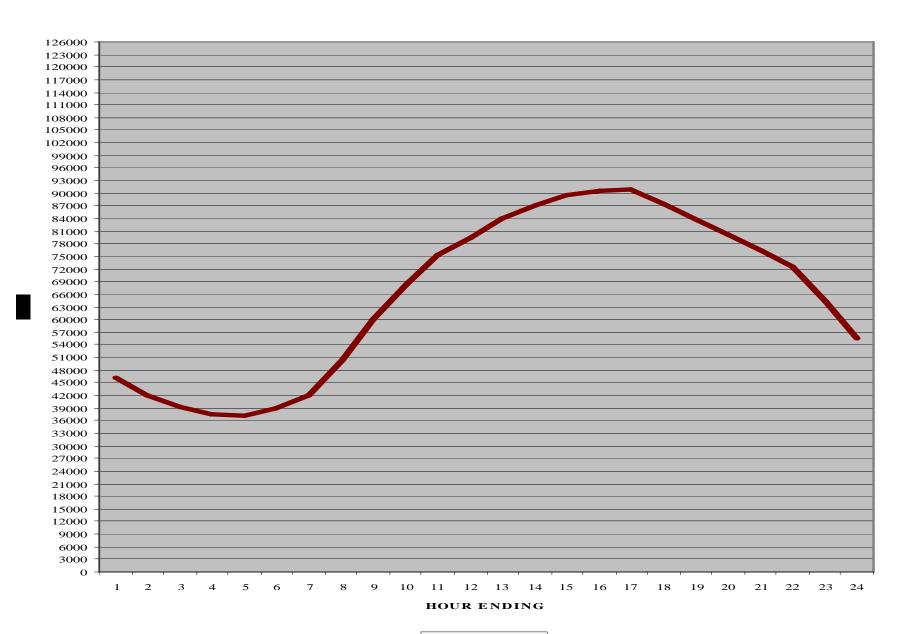
A COMPLEX PARTNERSHIP

- Landfill owned by Salt Lake City and Salt Lake County
- LFG rights and generation facility to be developed by team of experienced LFG industry leaders:
 - -Landfill Energy Systems, Temecula, CA
 - -DTE Biomass, Ann Arbor, MI
- Power Purchaser: Murray City Power
 - Established utility to buy wholesale for retail distribution
 - Provide the critical revenue stream
 - Transmission Access through UAMPS (statewide JAA)
 - Owned by City of Murray, subject to approval process

POWER PURCHASE AGREEMENT from MCP perspective

- No direct capital investment or risk
- No additional staffing
- Experienced and reputable project developer
- Contractually firm pricing for 10+ years
- Pricing Profile matches load and market profiles, to increase project competitiveness

TYPICAL LOAD PROFILE



mur r a y

CHART 1: HOURS OF THE DAY

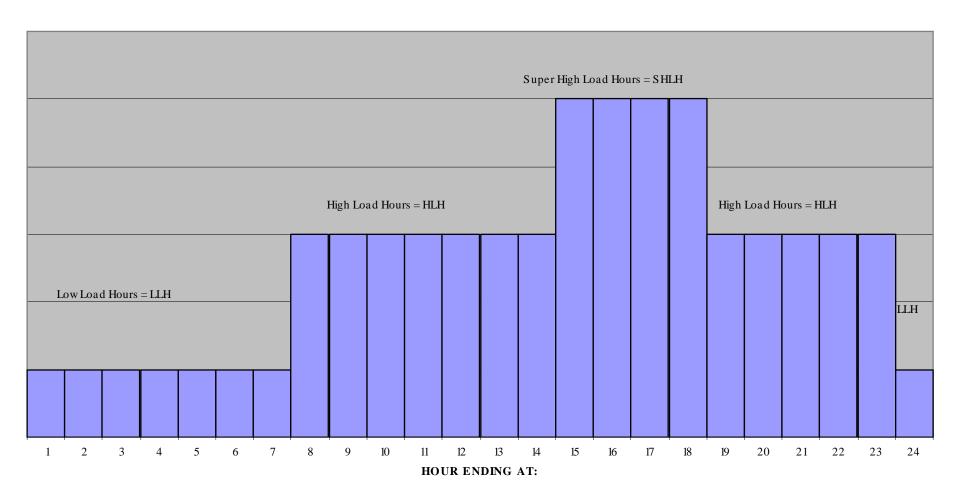
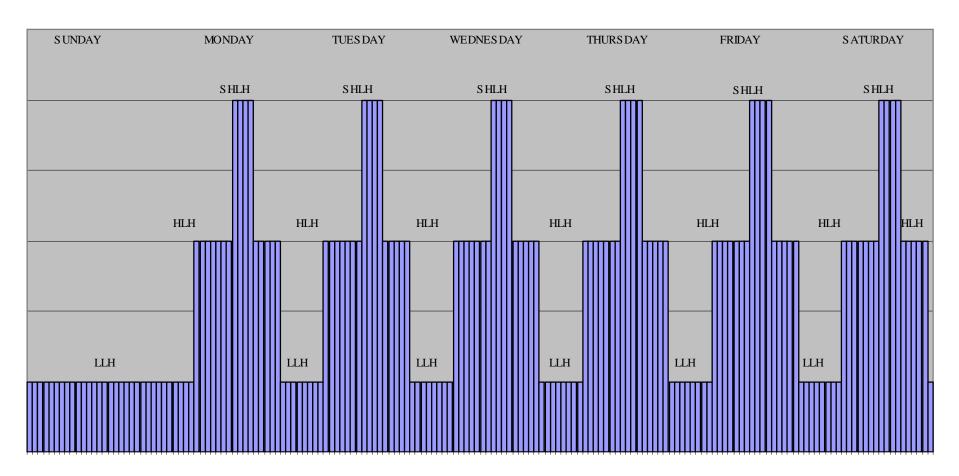
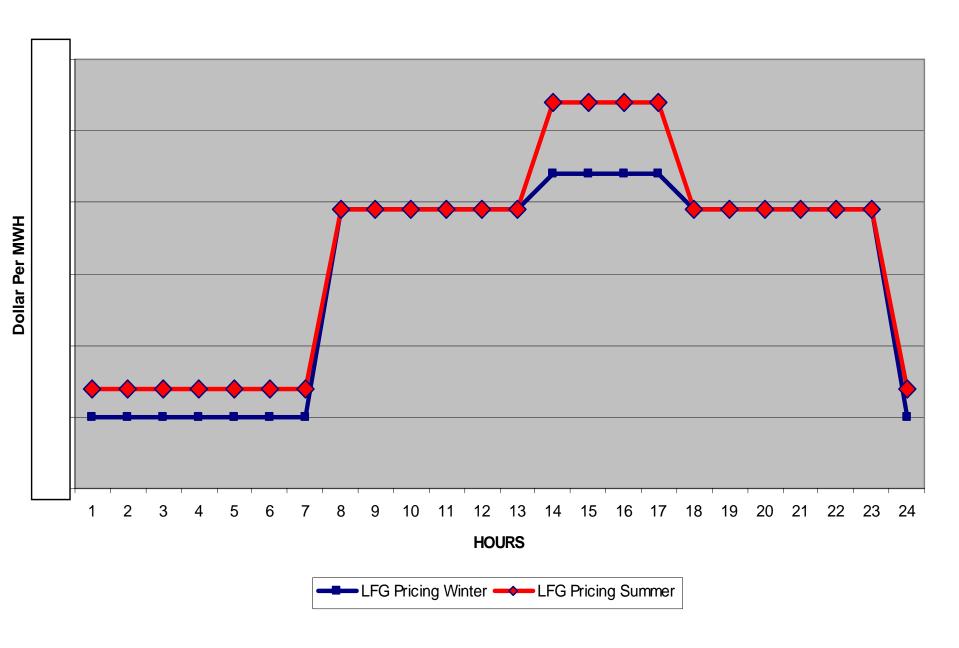
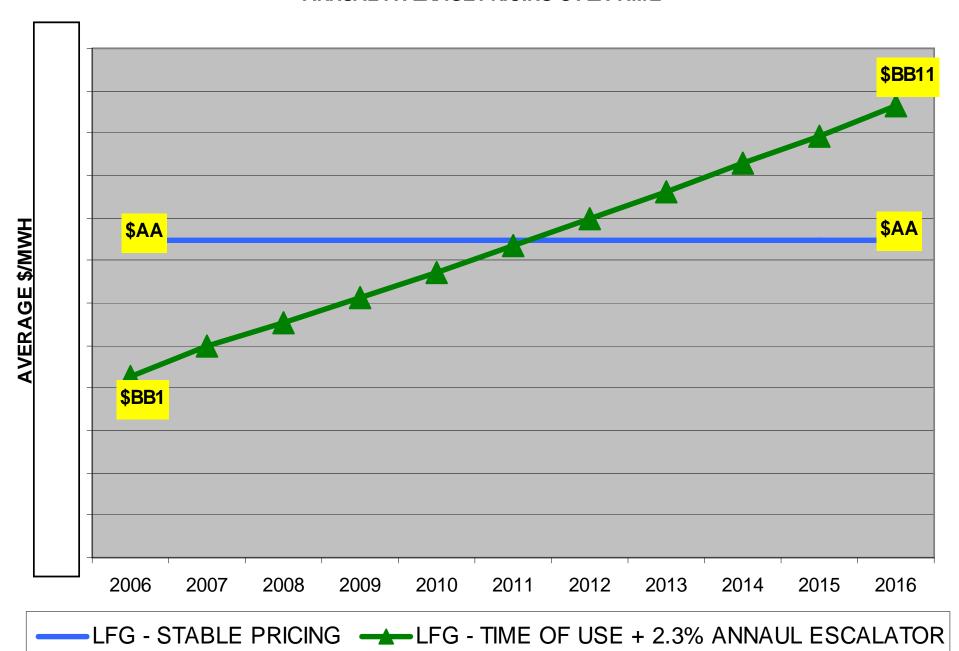


CHART 2: DAYS OF THE WEEK

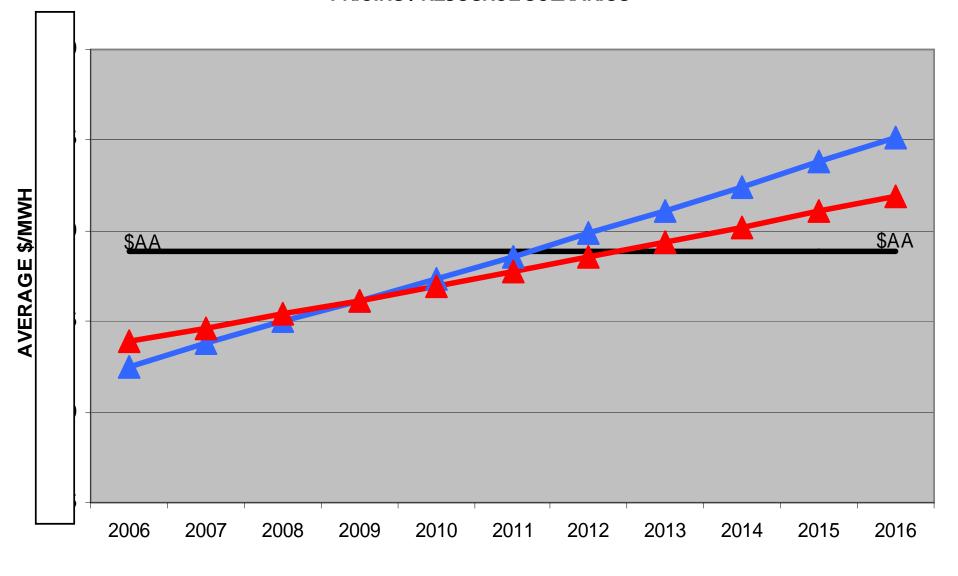




ANNUAL AVERAGE PRICING OVER TIME

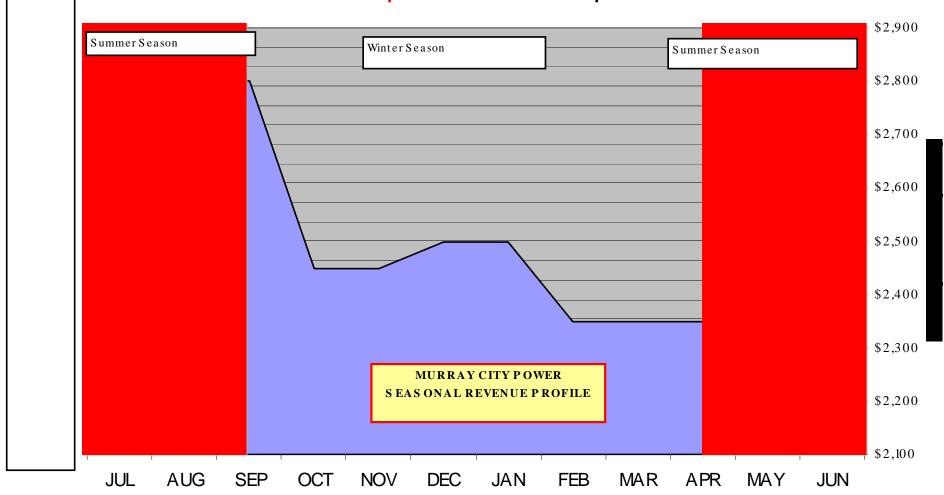


PRICING / RESOURCE SCENARIOS

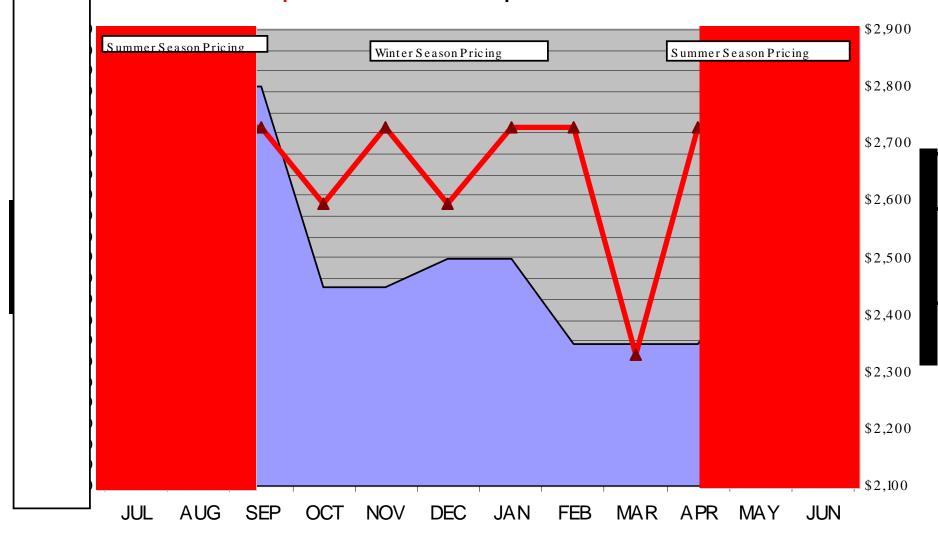




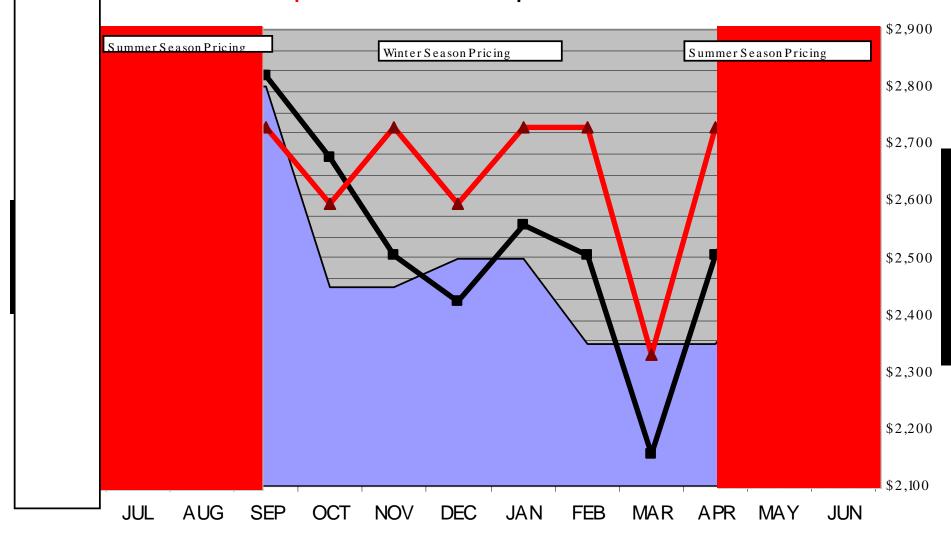
Landfill Gas Project Seasonal Time of Day Pricing Profile 3 MWH per Hour Cash Flow Impact



Landfill Gas Project Seasonal Time of Day Pricing Profile 3 MWH per Hour Cash Flow Impact for Fiscal Year 2007



Landfill Gas Project Seasonal Time of Day Pricing Profile 3 MWH per Hour Cash Flow Impact for Fiscal Year 2007



SALT LAKE VALLEY LFG TO ELECTRICITY PROJECT

SUMMARY

- 10.5 year contract, with renewal option
- 95% capacity factor
- Competitively priced
- Environmentally sound and sensitive
- Equivalent to supplying 2 TIMES the entire power demand of City of Murray's government facilities and street lighting with a renewable power resource – Murray City Corp is 100% Green.
- Tremendous PR value for utility and City
- Made possible by City utility ownership, and UAMPS membership

REMEMBER

In the end, all of the little birds Opponents of LFG for one reason or another –
Experienced a change...,

And got behind the Big Blue LFG Bird



Salt Lake **Valley**LFG To Electricity Project

