

ALLIANT ENERGY...

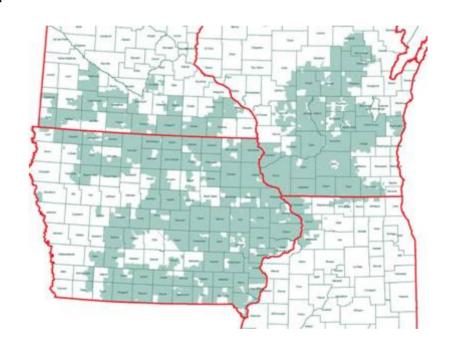
Energy Management

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January 18, 2006

Alliant Energy

- Serve approximately 53,000 farm customers in a four-state territory
- Energy costs should not become economic barrier for rural economic development
- History of assisting with farm energy technology development

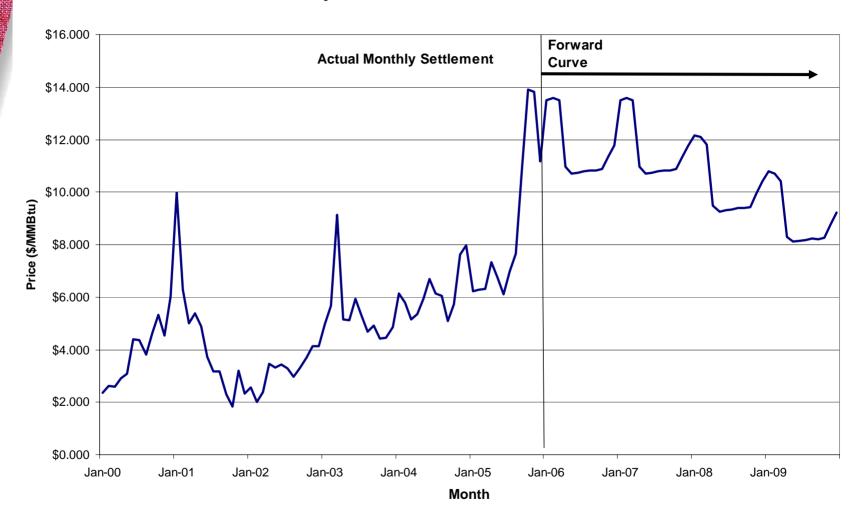




Natural Gas



Monthly NYMEX Gas Settlement Prices





2006 Natural Gas Market

- Supply/Demand
- As of Dec. 29, 19.5% of daily gas production remained shut-in (16% of platforms evacuated)
 - Residential demand expected to rise by 2.4 %
 - Industrial demand expected to rise by 4.6 %
 - LNG imports about 50% higher (1000 Bcf)
 - EIA expects total gas demand to increase by 1%
 - EIA expects production to increase by 4.8%
- Hub Gas Prices
 - Expected average of \$9.30/mcf in 2006
 - Up from expected average of \$8.88/mctial2005 NERGY.

Crude



2006 Crude Oil Market

Supply/Demand

- 2006 demand 2.3% higher than 2005 demand
- As of Dec 29th, 27.4% of daily crude production remained shut-in in the Gulf.

Crude Oil Prices

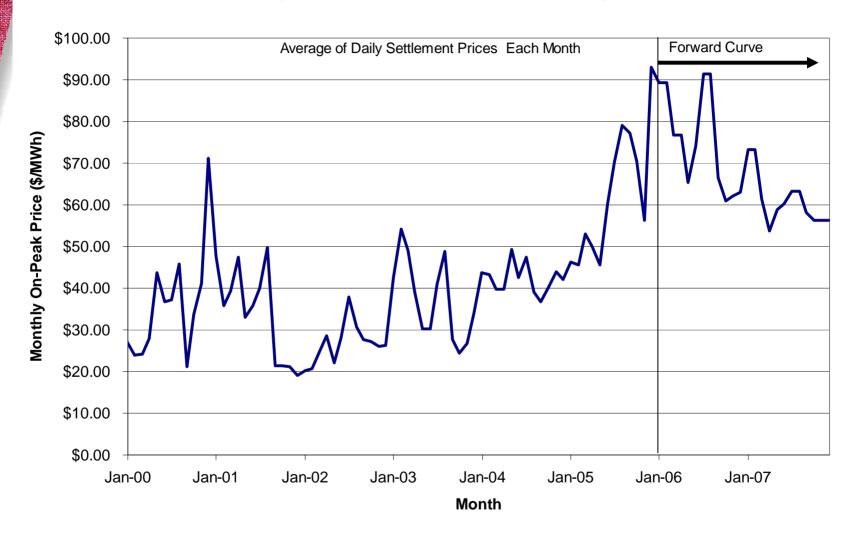
- West Texas Intermediate (WTI) crude oil is projected to average \$63 per barrel
- Current price is \$63 (1/4/2006)
- Up from 2005 average price of \$57 barrel



Electricity



Monthly On-Peak Northern Illinois Electricity Price





2006 Electricity Market

US Supply/Demand

- Expected to increase by 1.2% in 2006
- Rail disruptions expected to end

Fuel Prices

- Coal delivery cost from Wyoming's Power River Basin, WY rail cost up 60%, CO/UT 250>%
- Coal prices
 - Price up ~50% since 2004
- Natural gas and oil prices remain high

On-Peak Northern IL Electricity Prices

- \$60.71 /MWh in 2005
- \$75.56 /MWh in 2006



Energy Management Tools



Use Technology

- Energy management tools, monitor usage to manage rate structure
- Energy efficient equipment: VSD motors, heat reclaimers, pre-coolers, off peak ice banks...
- Increased through-put and productivity: autotake-off's, extended daylight lighting, higher speed processing (return on inputs)



Rate Structure

- Measure and manage
- Price signals to customers-Summer rate
- Off Peak use, Time of Day
- Demand rates
- Gas, seasonal grain drying rates



Energy Conservation

- Eliminate electrical usage
 - Open Sided Barns vs. Forced Ventilation
 - Bunk Feeders vs. Augers
 - Gravity vs. Augers
- Reduce energy usage
 - Modernized grain handling & drying systems
 - Vertical vs. Batch Dryers



Increased Throughput

Extended daylight lighting

Automatic take-off's

Ventilation fans

Higher speed and more accurate processing equipment



Equipment Maintenance

- Clean refrigeration coils
- Clean and adjust fans
- Clean lamp covers
- Clean motors
- Replace burned out lamps



Other Savings Opportunities

- Turn down winter thermostats
- Building weatherization
- Check for extra loads (ex.) milk house heaters, engine block heaters, livestock waterer thermostats
- Delayed grain drying
- Work management



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