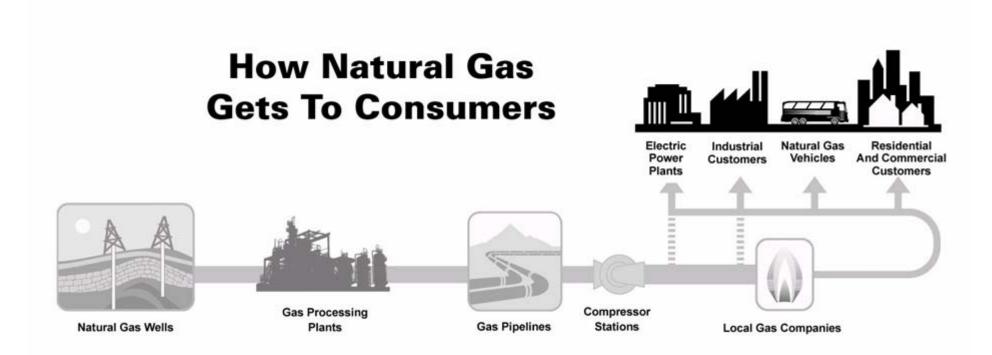


VERMONT GAS SYSTEMS

- Company Overview
- Operations
- Gas Supply
- Regulation
- Conclusion



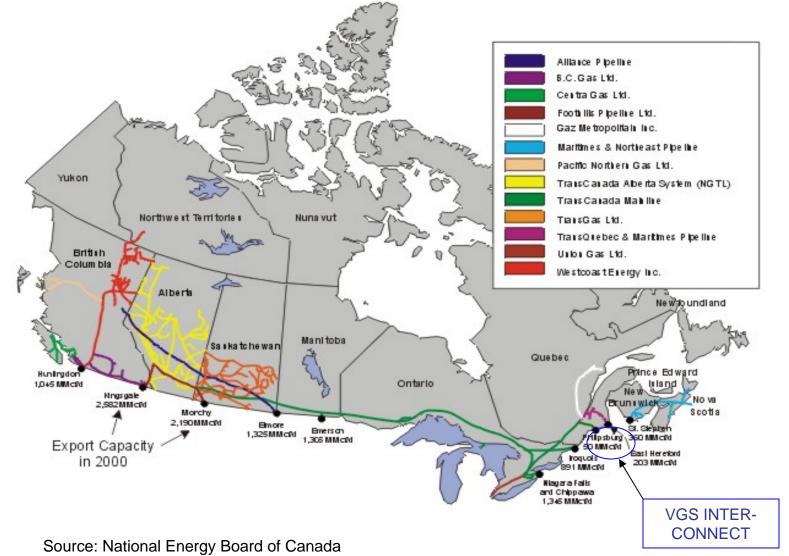


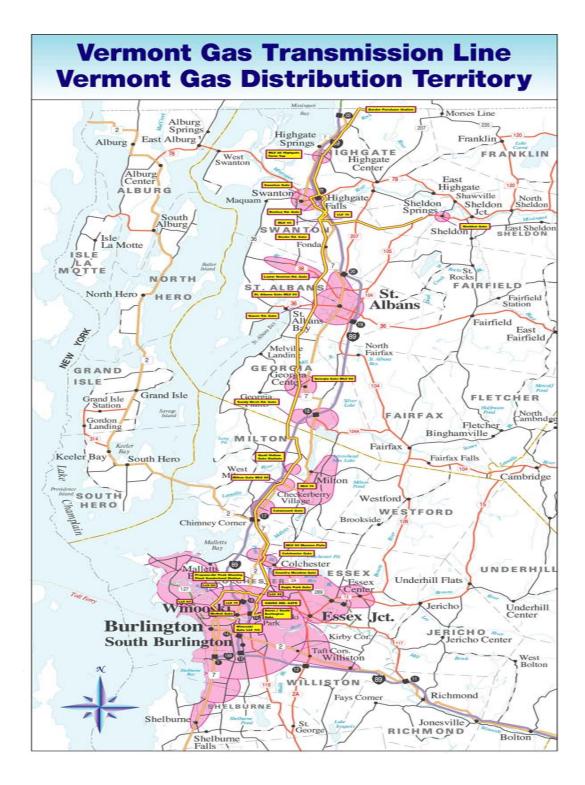


Providing Service to 37,000 Residential, Commercial, Industrial, and Institutional Customers in 16 towns in Chittenden and Franklin Counties since 1965



VERMONT IMPORTS ITS NATURAL GAS FROM THE WESTERN CANADIAN SUPPLY BASIN





VERMONT'S ONLY NATURAL GAS DISTRIBUTOR

⑦Regulated by the Vermont Public Service Board

⑦Direct Competition with Oil, Propane, and Wood

⑦ Distributed via Network of Underground Pipes

Transmission system from Canadian border totals 70 miles (112 km)

550 miles (885 km) of distribution pipes

27,200 services

In Vermont Natural Gas is Used for the Following:

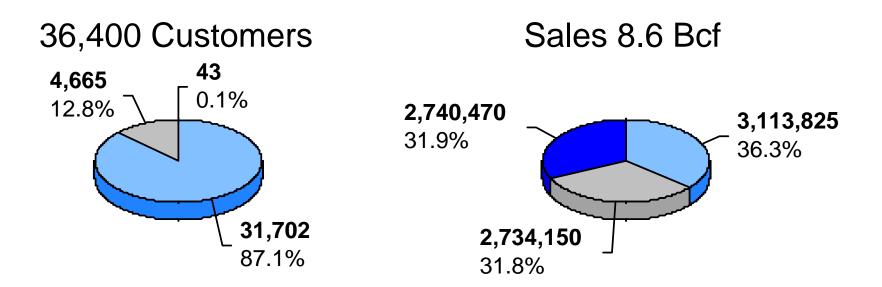
Heating (Primary Use)Hot WaterCookingClothes DryingGas FireplacesGas GrillsPool HeatersElectric Generation



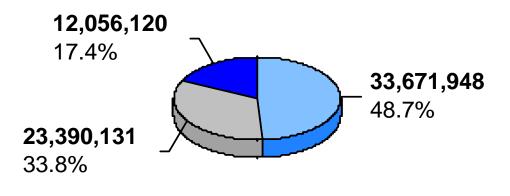
CUSTOMER CLASSES

- Three classes of customers: firm, interruptible, and transportation
- Firm customers receive service 365 days a year no matter how cold it gets!
- Interruptible customers can "curtail" or switch to an alternate fuel on cold days
- Transport customers procure their own supply and VGS transports it





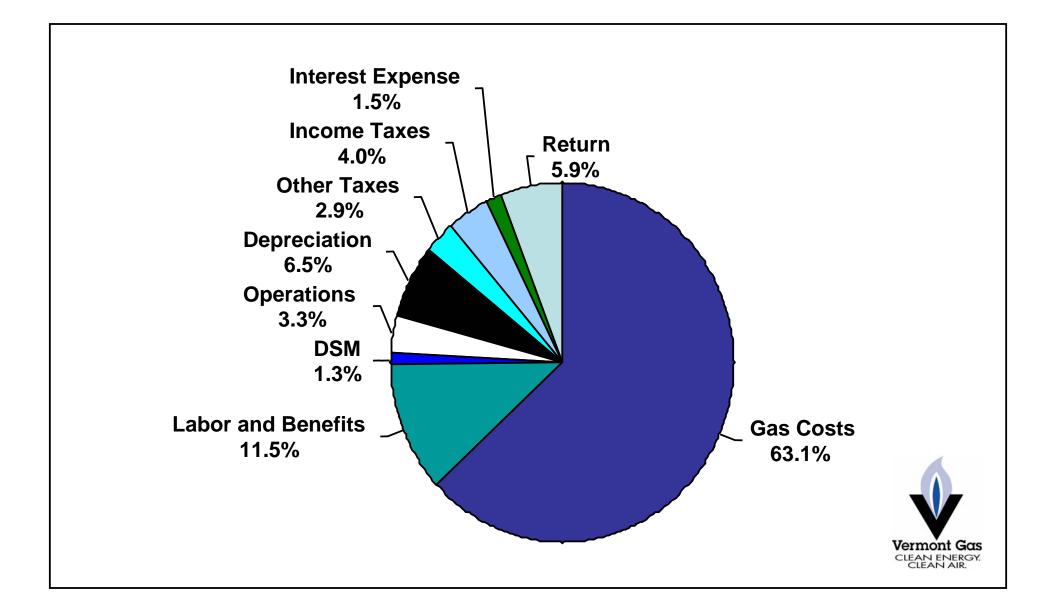
\$69 Million Revenue







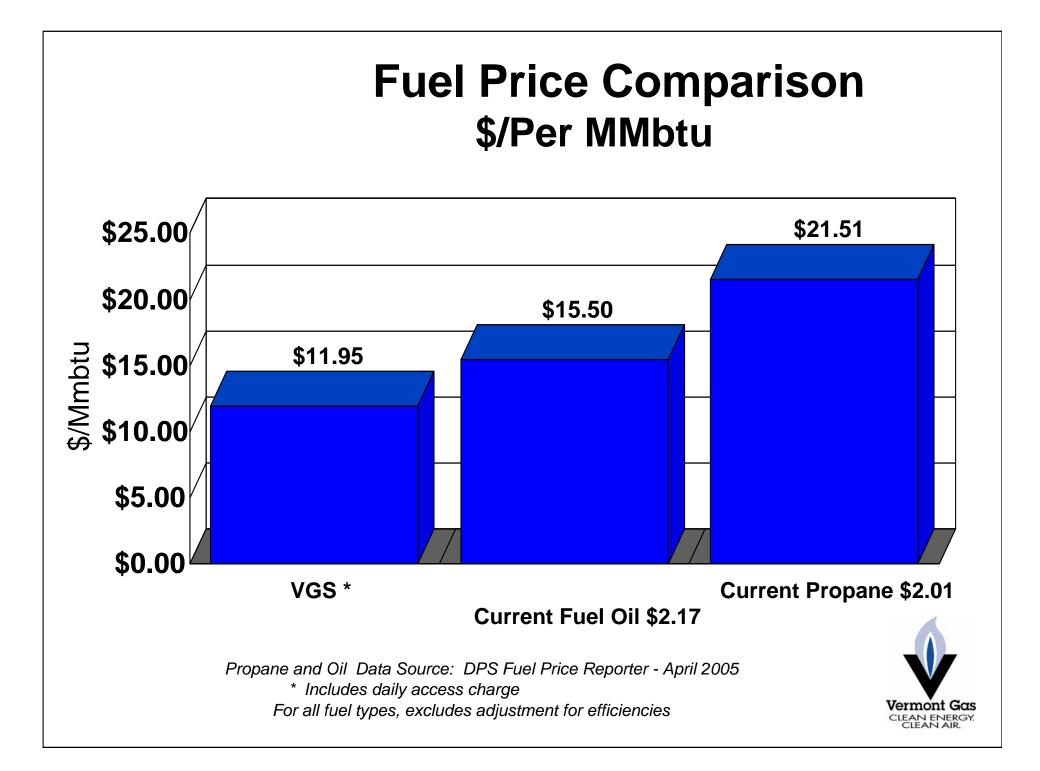
BREAKDOWN OF COST OF SERVICE



NATURAL GAS PROVIDES VERMONT WITH SEVERAL BENEFITS

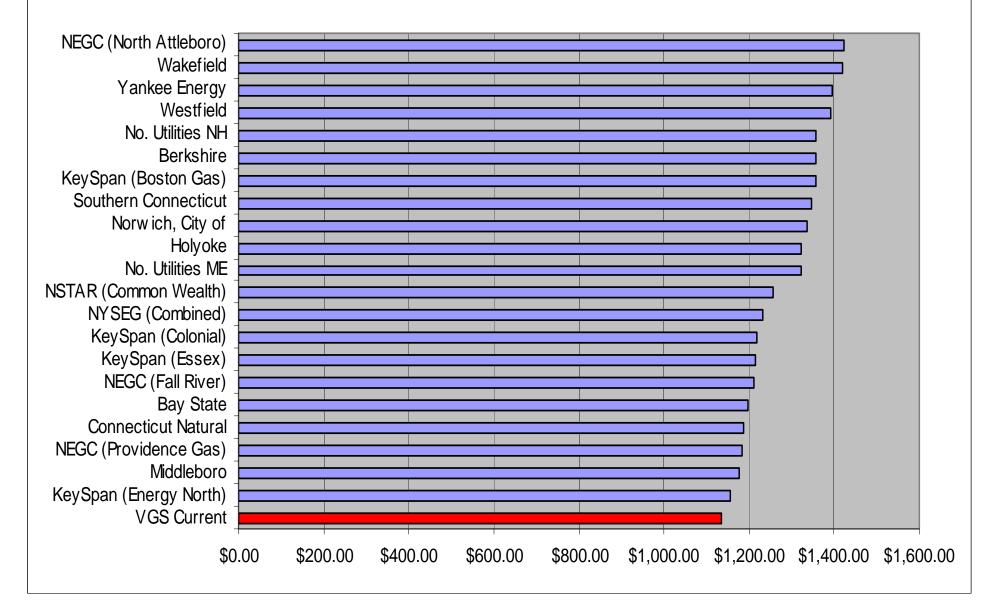
- Economical
- Competitive with other fuel options
- Clean and Efficient Energy
 - Reduces Vermont's Emissions
 - Reduces Truck Traffic on Vermont's Roads
- Supports The Local Economy
 - Supports local businesses
 - Creates employment opportunities
 - Contributes to Local and State tax base
- Supports Economic Development





Annual Residential Bill Comparison

(Based on 95 Mcf per Year)



NATURAL GAS IS AN EXTREMELY CLEAN FUEL, PRODUCING LESS EMISSIONS THAN COAL, OIL OR WOOD

	Sulfur	Nitrogen	Particulate	Carbon	Carbon
	Dioxide	Oxides	Matter	Monoxide	Dioxide
	(pounds of emissions produced per billion Btu)				
Natural Gas	0.6	92	7	40	117,000
Oil	1,122	448	84	33	164,000
Coal	2,591	457	2,744	208	208,000
Wood (Dry)	25	490	360	600	195,000

Source: U.S. Energy Information Administration, U.S. EPA

 Natural Gas Has Displaced 4.3 Million Gallons of Annual Heating Oil Use in Vermont During the Past 10 Years

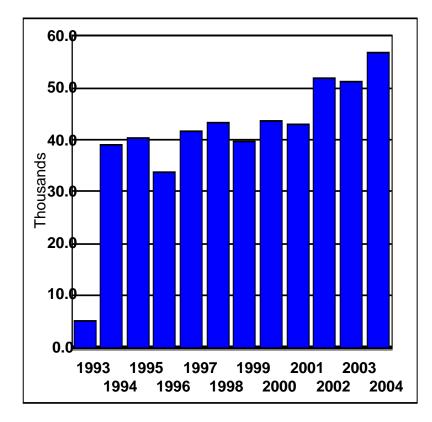


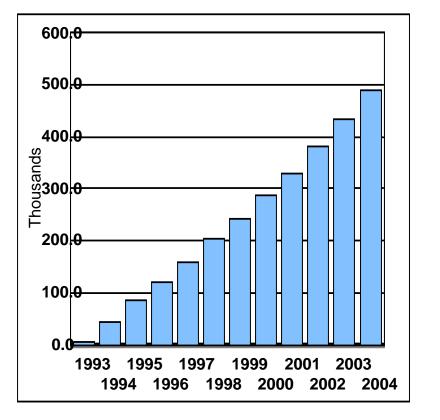
VGS IS COMMITTED TO ENERGY EFFICIENCY

- \$13.2 Million Invested in Energy Efficiency Since 1992
- Energy Efficiency Services Include:
 - Technical and Financial Assistance
 - Home Energy Audits
 - Commercial Facility Audits
- Invests \$1 Million per Year
- Programs Have Received National Recognition
- Highly Valued by Customers
- Avoided over 3,700 Mcf on Peak Day



Annual Mcf Savings Cumulative Mcf Savings







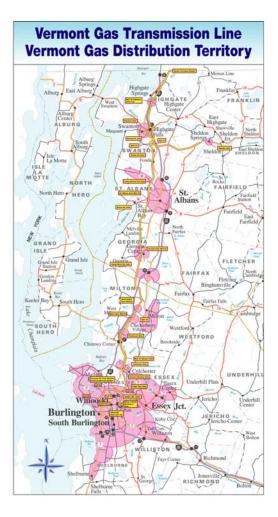
MAJOR CONTRIBUTOR TO VERMONT'S ECONOMY

	(\$ Millions)
Annual Revenues	\$69.1
Annual Payroll	\$6.1
Annual Taxes & Fees	\$5.3
Total Plant in Service	\$106.9
Actual Investment Last 10 Years	\$61
Planned Investment Next 5 Years	\$42
Annual Investment in Energy Efficiency	\$1.0
Number of Full Time Employees	110



VERMONT GAS SYSTEMS OPERATIONS

VERMONT'S NATURAL GAS INFRASTRUCTURE







TRANSMISSION SYSTEM

- Initially installed in 1965
- Began expansion in 1995
- Expands in 3 to 4 mile increments every 2 to 3 years
- Expands for overall system growth
- New federal monitoring rules





DISTRIBUTION SYSTEM

- Each distribution system expansion evaluated to ensure revenue stream covers cost of service
- Need sufficient number of customers to warrant line extension
- In-filling and footprint expansion both key growth objectives



DISTRIBUTION SYSTEM

- Rural and mountainous nature of Vermont makes expansion outside of existing footprint challenging
- Anchor loads are critical for cost effective expansion
- Expansion to areas currently not served may require initial subsidy from existing customers



SAFETY FOCUS

- Gas control monitors system 7 X 24
 - Border station
 - Gate stations
 - Key customer locations
- Aggressive winter leak surveying
- Full replacement of cast iron and bare steel mains and services
- DOT operator qualification program



SAFETY FOCUS

- Extensive personnel training
- Extensive training with local fire departments
- VGS federally and locally recognized for strong safety programs
- Active participation with Vermont Dig Safe®
- Close communication with local regulators



COMMITTED TO CUSTOMER SERVICE

- Monitor, track, and report numerous customer satisfaction indicators:
 - Phone statistics
 - Emergency response times
 - Overall and specific customer satisfaction
 - Meter accuracy
 - Billing accuracy

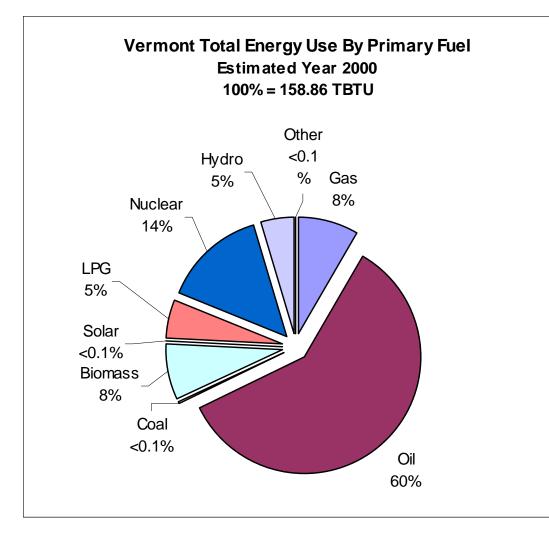


VERMONT GAS SYSTEMS CONTINUES TO GROW

- 3.9% customer growth in 2004
- Added 1,373 customers
- Constructed 32.8 miles of distribution pipe
- Constructed 2.45 miles of transmission pipe
- Invested over \$12 million in Vermont
- Evaluated expansion to other parts of Vermont
- 94% customer satisfaction



Natural Gas Represents Only 8% of Vermont's Total Energy Use



Economic Expansion of Natural Gas in Vermont has the Potential to:

•Reduce Air Emissions

 Increase Energy Efficiency

•Reduce Energy Costs for Vermonters



Gas Supply Overview



Gas Supply Objectives

- Meet peak day needs (86 degree day = -21 degrees)
- Meet annual requirements
- Minimize curtailments
- Procure safe, reliable, and flexible supply
- Minimize gas cost volatility
- Minimize cost and maximize margins

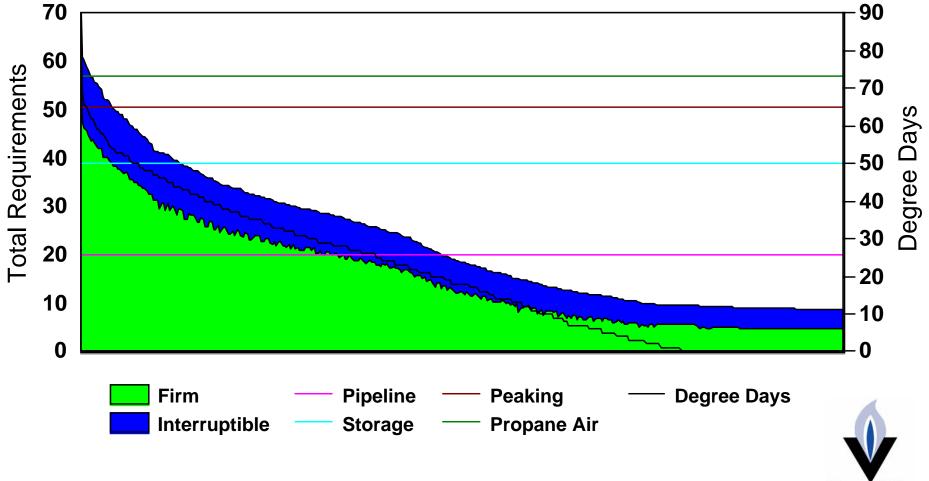


NATURAL GAS PURCHASING

- Demand/Commodity pricing structure
- Demand charges reflect cost to move gas to Vermont
 - TCPL tolls regulated by Canadian regulators
 - Charge based on contractual quantity
 - Incurred regardless of volume of gas moved
- Commodity costs are volume and market-based

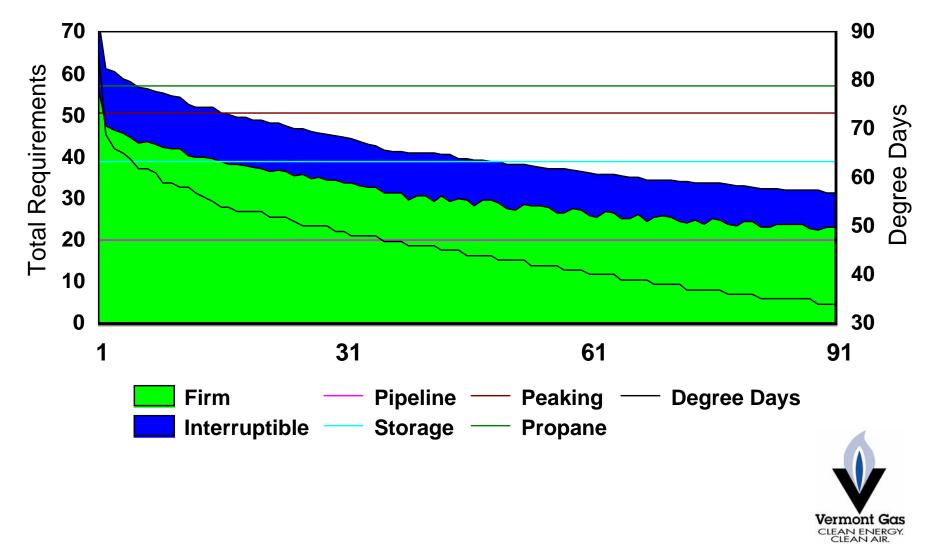


Vermont Gas Systems Annual Load Duration



Vermont Gas

Vermont Gas Systems Winter Load Duration

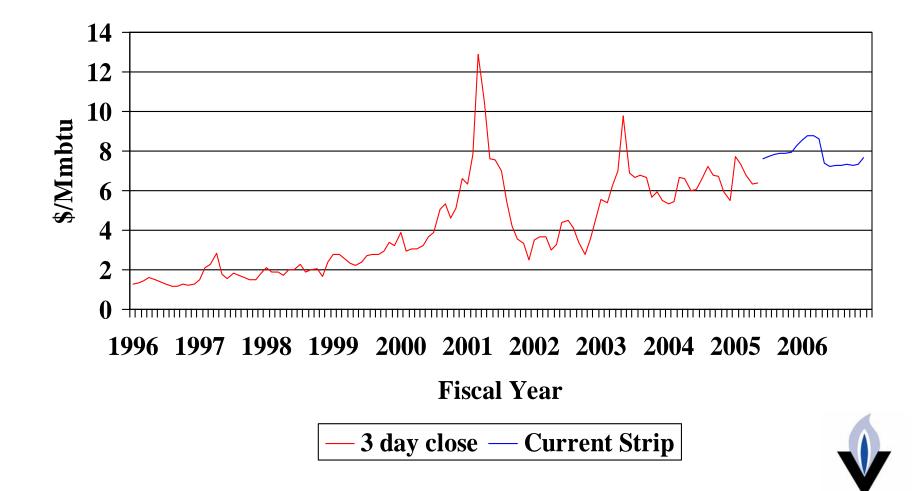


VGS' PROPANE AIR PLANT





NYMEX NATURAL GAS PRICE



CLEAN ENERGY. CLEAN AIR.

HEDGING STRATEGY

•VGS Uses Financial Instruments to Address Volatility, "Hedging"

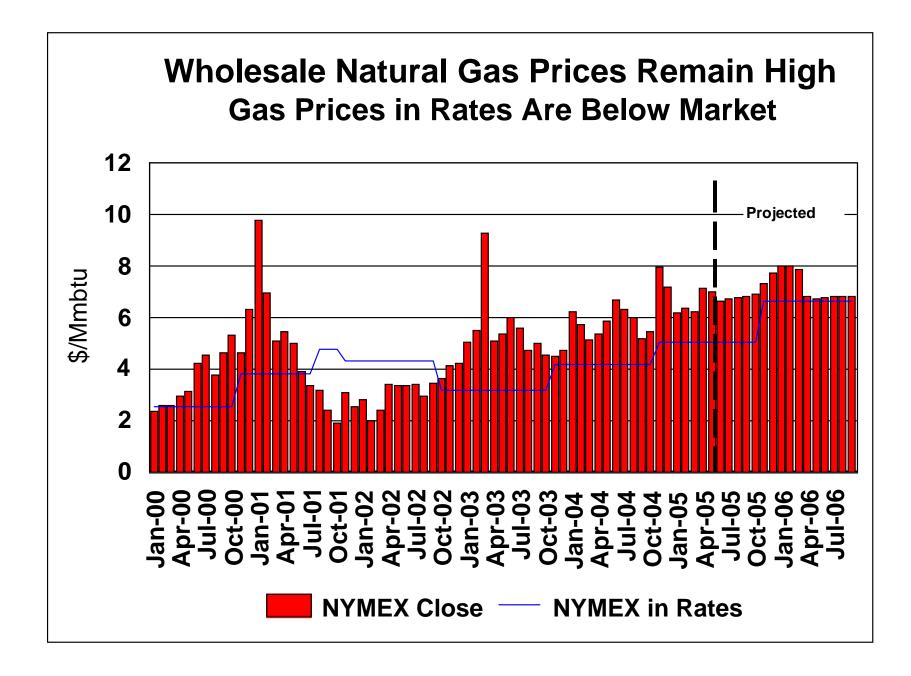
•Must Align Hedging Strategy with Gas Cost Recovery

•Systematically Hedge Quarterly, 12 months at a time, 10 months in advance

•Take Longer Positions When Market is "Favorable"

•Seeking to Reduce Volatility, Not Predict "Best" Price





FUTURE OF NATURAL GAS PRICES

- Many factors impact wholesale gas prices
 - Global economy
 - Oil prices
 - Environmental policies
- Numerous initiatives underway to bring more natural gas to market
 - LNG development
 - Development of "unconventional" resources
 - Additional supply basins developed



Regulatory Overview



NATURAL GAS REGULATION

- Because VGS does not cross state lines, primarily regulated by State (PSB)
- Federal Government (DOT) regulates pipeline operations
- No Federal Energy Regulatory Commission (FERC) jurisdiction



RATE REGULATION

- Currently operating under "traditional" cost of service regulation
 - Historic costs adjusted for known and measurable changes
 - Establish appropriate rate of return
 - If fully litigated may take 8 ½ months to change rates
- Due to changes in natural gas industry, traditional cost of service regulation may no longer be best model
- Exploring Alternative Regulation models



CONCLUSION

- Strong Company
- Providing Vermont With Clean, Economic, Reliable Source of Energy
- Potential to Provide More of Vermont's Energy Needs
- Challenges:
 - Addressing issue of gas cost recovery
 - Cost effectively expanding system

