

# Gas Machinery Research Council (GMRC)

## *Pipeline Research & Development Forum*

Washington, D.C.  
Thursday, December 11, 2003

Eric E. Thomas, Chairman

# GMRC Membership

Operating Members 29

Engineering &  
Fabricating Members 19

Foreign Members 8

Associate Members 15

Total 71

# GMRC Primary Activities

- Research: 3-5 projects/year;  $\pm$  \$400K
- Training: 5-10 short courses/year
- Technology Transfer: Gas Machinery Conference each year

# GMRC Finances

## Sources of Funds

Design Tools Royalties	\$200k/yr
Education & Training (Net)	\$80k/yr
Memberships	\$50k/yr
Research Reserve Fund	<u>\$100k/yr</u>
<b>Total</b>	<b>\$430k/yr</b>

Note: All numbers are approximated with  $\pm$  20% for the past few years

# GMRC Finances

## Uses of Funds (recently)

Research	\$300k*
Support	<u>\$130k</u>
Total	\$430k

\* Does not include co-funding

# Gas Machinery Conference

- An Annual Event
  - Nashville (50<sup>th</sup> Anniversary) – 2002
  - Salt Lake City – 2003
- Three-Day Format
  - Presentation of Papers
  - Vendor Exhibits
  - Social Events
  - GMRC Board Meeting
- Well regarded and attended by pipelines, vendors, and associated firms
  - 450 in 2003
- Financially self-supporting

# GMRC Research in 2003

Piston Rod Monitoring for Power	\$110,000
Evaluation of Analog and IPPS Design Tool Application Envelopes	\$110,000
Direct Surge Control	\$216,050
Enhance Operation of Existing Infrastructure	<u>\$200,000</u>
Total	\$636,050

Note: Amounts include \$240,000 from GMRC and \$396,050 co-funding from GMRC members, PRCI, SWRI, and DOE