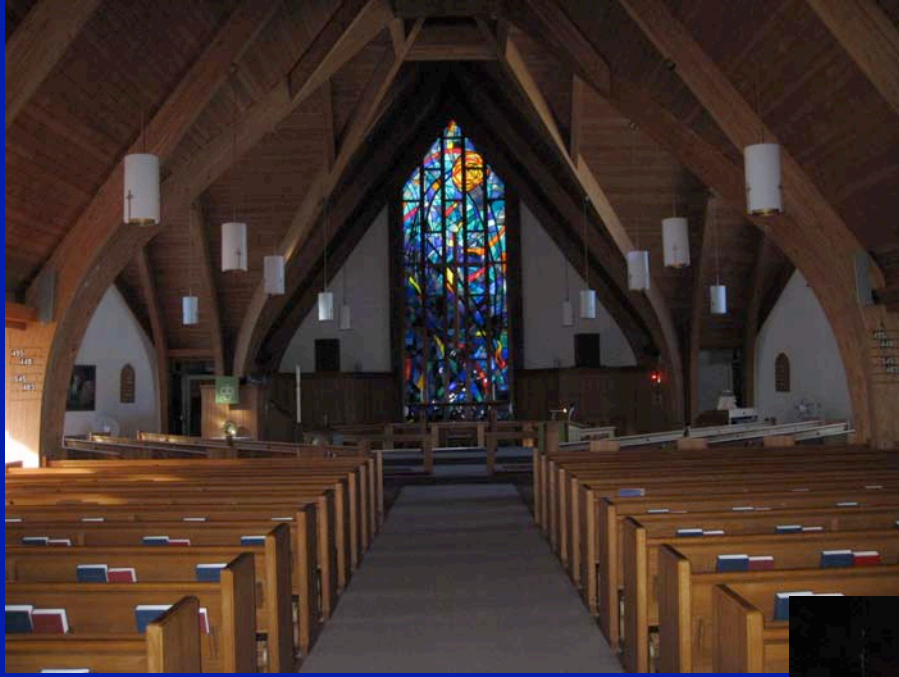


Trinity Weymouth



Built in 1960s



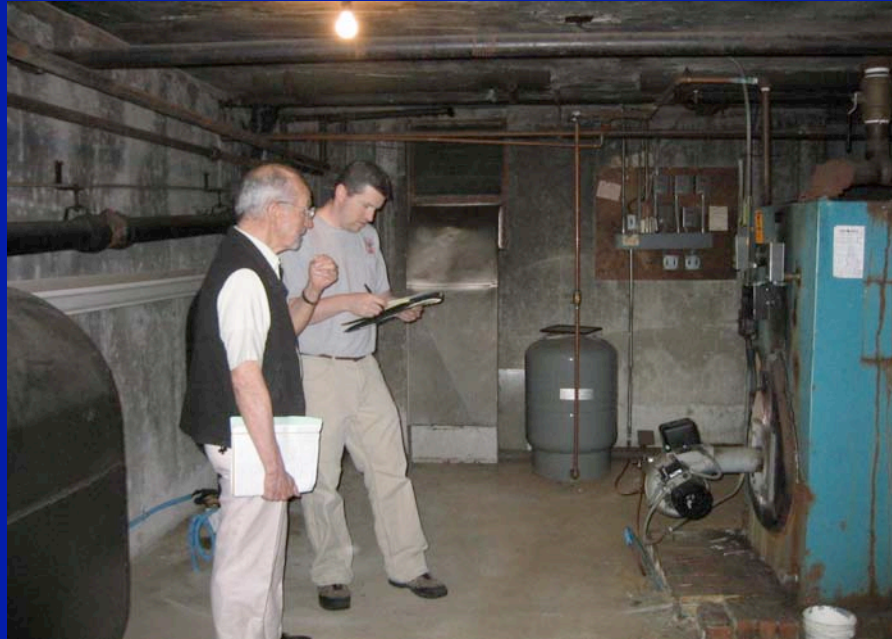
Big High
Sanctuary

Big High

Parish Hall



WHAT



TO DO?



End of
Useful Life?



What will it cost?

\$\$\$\$\$\$s

To Operate?

To Replace?

and

POLLUTION??

Operating Cost and Emissions Comparison

30-Jul-08

Trinity, Weymouth

						<i>Use</i>	<i>Cost in \$s</i>		<i>Cost in Environmental Impact</i>		
System Efficiency	Fuel	BTU/unit	\$/unit	System Efficiency %	Total BTU/Year Required	Fuel Units Required	Cost \$s	Gas % of Oil	CO₂ lbs	SO₂ lbs	NO_x lbs
Standard	Oil	138,700/gal	\$4.1100	76%	462,052,866	4,502.0	\$18,503.22	NA	100,845	639.284	81.04
Standard	Gas	100,000/therm	\$1.5400	72%	462,052,866	6,417	\$9,882.80	53.4%	75,084	0.385	96.25
High	Gas	100,000/therm	\$1.5400	92%	462,052,866	5,022	\$7,734.36	41.8%	58,761	0.302	75.33

Here's What We Did...

- ✦ Started with oil-fired unit to replace
- ✦ Changed to gas, and had new gas line put in
- ✦ Highest-efficiency boiler to church
- ✦ Standard efficiency boiler to rectory (rented)

It was hard to...

- ✦ Get Vestry to upgrade in a rented unit (rectory)

It was easy to...

✦ To do the highest efficiency boiler for the church

Because of the savings

✦ And to set-up the boiler to do DHW when existing dies.

Help Sources...

- ✦ Diocese via Stokes Loan
- ✦ MIP&L for technical and moral considerations
- ✦ Gas company, and contractors

Faith connection...

✦ *God is the great artist, asking us to do what is fit and proper for our situation*