

# FRIENDS & FAMILY

St. Pascal's 20th Annual Fundraising Event

## 2023 FUND-A-NEED

### *HEATING SYSTEM UPDATE*

Currently we have two boilers which are used to heat the parish and regional school buildings. The Kewanee is 75 years old, and the Pacific is 60 years old.



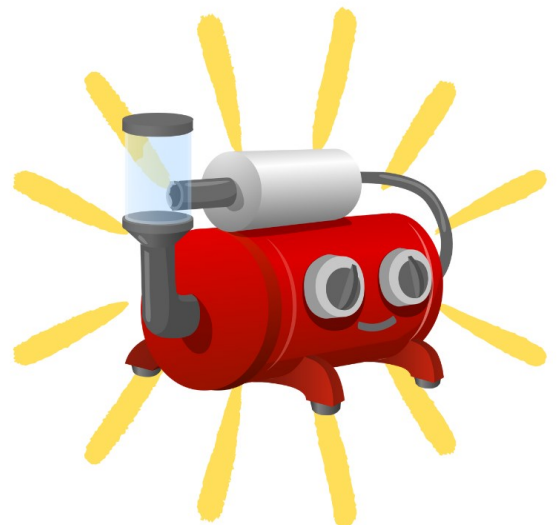
The older boiler is only 75% energy efficient and is costly to maintain and use.

A group of parishioners (all experts in boilers) recently contacted three different companies—each one recommended that we replace this equipment as soon as possible due to the increased possibility of failure during the periods of heavy use.

A new boiler will be between 85-92% efficient and will require far less maintenance. The new equipment will be used as the primary heat source and the Pacific as a supplemental system during the coldest part of winter.

A new boiler will lower our heating and maintenance costs. It will also significantly lower the concern about boiler failure during our cold winter months.

This will ensure we can continue to be good stewards of our parishioners' donations and our building infrastructure.



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Dear Friends,

April 2023

Our aging boilers have provided heat for the community for many years. Both the main and backup units are nearing their end of lifespans, so it's time to look at modern alternatives.

- The main boiler, a Pacific model 972-A was manufactured in 1960. The backup, a 1949 Kewanee installed in 1950, each have an estimated 75% efficiency rating.
- \$29,000.00 was spent in maintenance and repairs for the system during the last fiscal year.
- The January gas bill was almost \$9,000 this year. The gas usage in October 2022 was 136 therms while November's bill showed a usage of 2,353 therms. (January 2023 was 7,271 therms).
- The new boiler will have a controller (thermostat) that ties in with our existing air conditioning and fan system enabling targeted heating times and temps. Currently the 1949 and 1961 technology allow for on/off and nothing else.
- A group of parishioners and staff explored the many new options on the market. They contacted three contractors and are in the process of comparing bids.
- Depending upon the type of boiler chosen, efficiencies will increase to 85%, 89% or 92%. The group will weigh the cost/benefit before determining the boiler system and contractor.
- We will replace the old 1949 Kewanee with the new boiler. The "newest" unit, the 1960 Pacific has been recently refurbished and will provide backup heat if needed during our coldest months. This is standard procedure for many buildings in our cold climate. The backup boiler will sit idle and will be fired up only when necessary, thereby saving energy and maintenance costs.
- Initial estimates are ranging from \$150,000 to over \$200,000, depending upon type. Asbestos removal will be quoted separately.

The time is now to start saving for the future. Fr. John, the Trustees and Finance Council are all in agreement that a proactive approach is best. Last year's roof project had a phenomenal response, and we are very grateful for your support. Please thoughtfully consider supporting this vital infrastructure project. Due to the cost, this will be a multi-year fundraiser.

***Give online at [st.pascals.org](http://st.pascals.org) or mail your donation by completing this form.***

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Name: \_\_\_\_\_ Donation: \$ \_\_\_\_\_

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