

South Church Solar Panel Approval



Specs, Cost and Funding

System Specs

- 33.21 kW size
- 82 total panels
- 42% reduction in our electrical consumption for the South Building
- Annual utility savings estimated to be \$4,120
- Estimated installation Sept/Oct 2024

Cost

\$88,785

Funding

- 30% Fed Tax Refund \$26,636
 - Returned to us in 2025
- 30% Historical Credits \$23,972
 - Need to sell credits, assuming 10% discount
- Rice Foundation \$22,000
- Plymouth Family Foundation \$16,177

Total

\$88,785