HVAC Improvement Information Meeting
Community UMC
March 14 and March 16, 2024

- Welcome and Opening Prayer
- Current Circumstances
    - Original Chiller
    - Original Boilers (Main and Backup)
    - Cooling Tower replaced in approximately 2006
- Church Council created a sub-team for building
    - First Meeting was May 17, 2023
    - Members: Steve Brietzke, Dell Epperson, Christy Frischi, Ron Haffey, Andy Maynard, and Pastor Curtis Olsen
    - Looked at significant improvements to the building
        - HVAC Improvements
        - Solar Panels and Lighting/Control Upgrades
        - Downstairs Bathroom
    - HVAC Improvements became priority
- Two Estimates
    - Coil Construction and J-Squared Engineering
        - Full replacement of Chiller, Boilers, and Cooling Tower
        - 6-month time for delivery (estimated)
        - Estimate based on similar projects
            - $1.2-1.4 Million
    - Vaughn Heating and Cooling
        - New Mitsubishi VRF System (Electric)
            - Seven smaller outdoor units
            - Four Indoor units
        - Remove Chiller and Cooling Tower
        - Retire Main Bowler
        - Keep Backup Boiler in low-cost backup mode
        - 2-month time for delivery
        - Optional Addition: Air Quality improvement equipment (approximately $20,000)
        - Cost
            - $789,000

- Savings
    - Approximately 50-60% savings in utility bills
    - $50,000-$60,000 per year savings
- **Church Council Recommendation**
    - **Church Council voted unanimously to approve the Sub-team's recommendation to accept Vaughn Heating and Cooling's Bid for the church's consideration**
    - Church vote is required to move forward with this recommendation
- Timeframe for Project
    - March
        - Vote on project
        - Start project immediately if approved
        - Apply for construction loan
    - April
        - Begin review of Long-Range Plan
    - May
        - Project completed by end of month
    - September
        - Results of Long-Range Plan Review
    - November
        - Capital Campaign
- Banks contacted
    - Commerce Bank
    - Simmons Bank
    - Central Bank
        - Low 7% range for loan
        - Two weeks for approval and 30 days for closing
    - Wesley Impact Partners (a Methodist-associated loan company)