

# GOLF CLUB # 2

## CLUBHOUSE - F F G C

1. The clubhouse kilowatt usage in May 2023 was 28,293 and the clubhouse kilowatt usage in April 2024 was 30,527 an increase of 2,235 kilowatts and the bill went down \$1,704.03.
2. The Load Factor which is the efficiency of energy use has improved 17.4% since November.
3. The price per kilowatt hour has dropped by 37% since May 2023.

| Date   | Clubhouse bill | Clubhouse Kwh | \$/kwh | Clubhouse Load Factor | Clubhouse kwh last yr | % Change vs May | \$ Saved vs May |
|--|----------------|---------------|--------|-----------------------|-----------------------|-----------------|-----------------|
| May-23   | \$5,429.06     | 28293         | \$0.19 | N/A                   | 29042                 | N/A             | N/A             |
| Nov-23   | \$4,096.69     | 24545         | \$0.17 | 38.32%                | 26058                 | N/A             | N/A             |
| <i>Save Energy Units installed on Dec, 2, 2023</i> |                |               |        |                       |                       |                 |                 |
| Dec-23   | \$3,740.70     | 25759         | \$0.15 | 42.22%                | 28026                 | 31.10%          | \$1,688.36      |
| Jan-24   | \$4,005.07     | 27665         | \$0.14 | 50.35%                | 26524                 | 26.33%          | \$1,423.99      |
| Feb-24   | \$3,777.08     | 25785         | \$0.15 | 45.57%                | 31332                 | 30.43%          | \$1,651.98      |
| Mar-24   | \$3,493.87     | 26413         | \$0.13 | 39.33%                | 30917                 | 35.70%          | \$1,934.19      |
| Apr-24   | \$3,725.03     | 30527         | \$0.12 | 46.65%                | 30419                 | 31.40%          | \$1,704.03      |

## IRRIGATION PUMP HOUSE

1. The pump house kilowatt usage in May 2023 was 24,320 and the pump house kilowatt usage in April 2024 was 26,160 an increase of 1,840 kilowatts and the bill went down \$692.24.
2. The price per kilowatt has dropped by 22% since May 2023.

| Date   | Pump Station bill | Pump Station Kwh | \$/kwh | Load Factor | Pump Station kwh last yr | % Change vs May | \$ Saved vs May |
|--|-------------------|------------------|--------|-------------|--------------------------|-----------------|-----------------|
| May-23   | \$4,598.36        | 24320            | \$0.19 | N/A         | 17640                    | N/A             | N/A             |
| Nov-23   | \$2,856.69        | 15040            | \$0.19 | N/A         | 11760                    | N/A             | N/A             |
| <i>Save Energy Units installed on Dec, 2, 2023</i> |                   |                  |        |             |                          |                 |                 |
| Dec-23   | \$1,482.16        | 8400             | \$0.18 | N/A         | 9720                     | 67.77%          | \$3,116.70      |
| Jan-24   | \$1,642.38        | 9320             | \$0.18 | N/A         | 11360                    | 64.29%          | \$2,956.48      |
| Feb-24   | \$3,090.18        | 17640            | \$0.18 | N/A         | 23840                    | 32.81%          | \$1,508.68      |
| Mar-24   | \$3,186.30        | 21320            | \$0.15 | N/A         | 28360                    | 30.70%          | \$1,412.56      |
| Apr-24   | \$3,906.02        | 26160            | \$0.15 | N/A         | 19160                    | 15.10%          | \$692.84        |

% SAVINGS = 36.56% / \$ SAVINGS = \$18,089.81

February comparison of Month over Month - % SAVINGS = 22.4% / \$ SAVINGS = \$1,948.05

## OVERALL

1. Price per Kilowatt hours has dropped since May 2023 by 29.5%.
2. Amps have been reduced by 26.5% at the day of installation.
3. The electrical system has been Harmonically Balance adding 3-5 years of life on your motors.
4. Electrical bill has been lowered despite increases in electricity cost.



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