

Historical Energy Consumption Data Report

Report Period: January 2021 - December 2023

Facility: Main Administration Building

Date Generated: March 21, 2024

Prepared by: Energy Management Team

Summary

This report presents historical records of energy usage for the Main Administration Building over the past three years. The data summarized below is extracted from monthly utility statements and building management systems.

Annual Energy Consumption Overview

| YEAR | ELECTRICITY (KWH) | NATURAL GAS (THERMS) | WATER (M³) |
|------|-------------------|----------------------|------------|
| 2023 | 182,450 | 57,260 | 8,400 |
| 2022 | 189,200 | 59,100 | 8,550 |
| 2021 | 194,750 | 60,810 | 8,750 |

Monthly Electricity Consumption (2023)

| MONTH | ELECTRICITY (KWH) |
|-----------|-------------------|
| January | 14,230 |
| February | 13,875 |
| March | 14,005 |
| April | 15,210 |
| May | 15,780 |
| June | 16,420 |
| July | 17,440 |
| August | 17,620 |
| September | 15,820 |
| October | 14,950 |
| November | 13,815 |
| December | 13,285 |

Observations

- There is a consistent year-over-year reduction in total energy and water consumption.
- Peak electricity usage typically occurs during July and August.
- Overall, seasonal variations correspond with building occupancy and climate patterns.

Important Notes

- All data is sourced from utility invoices and building management system records.
- Historical data may be affected by meter changes or billing adjustments.
- This document is for monitoring, analysis, and reporting purposes only.
- For detailed breakdowns by department or area, refer to the full data annex.
- Contact the Energy Management Team for questions or further information.