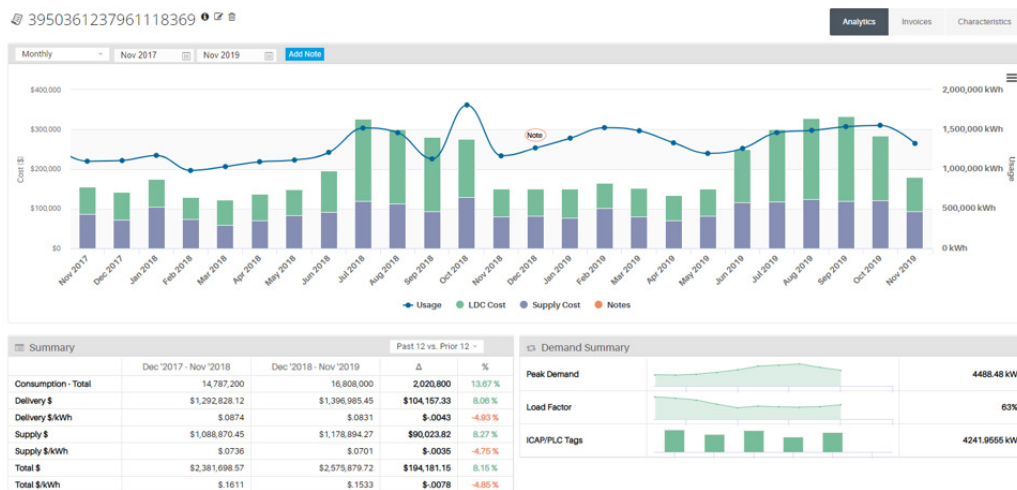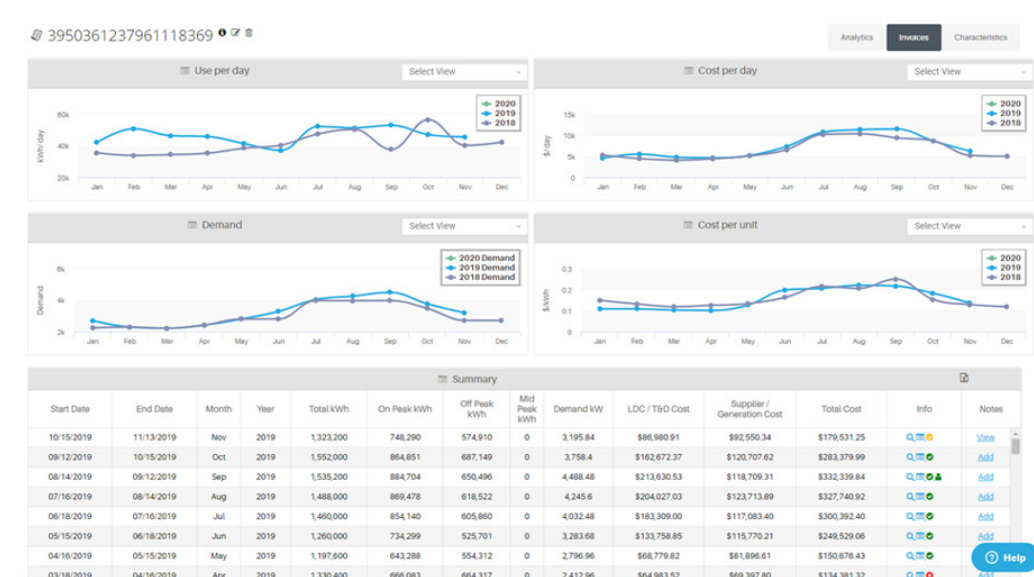# INVOICE MANAGEMENT & AUDITING

Effectively managing your utility invoices is the backbone of an Energy Management Platform (EMP). Your energy management platform should be able to ingest invoices from multiple sources in as automated a fashion as possible. Look for platforms that provide automatic utility data acquisition and PDF capture.
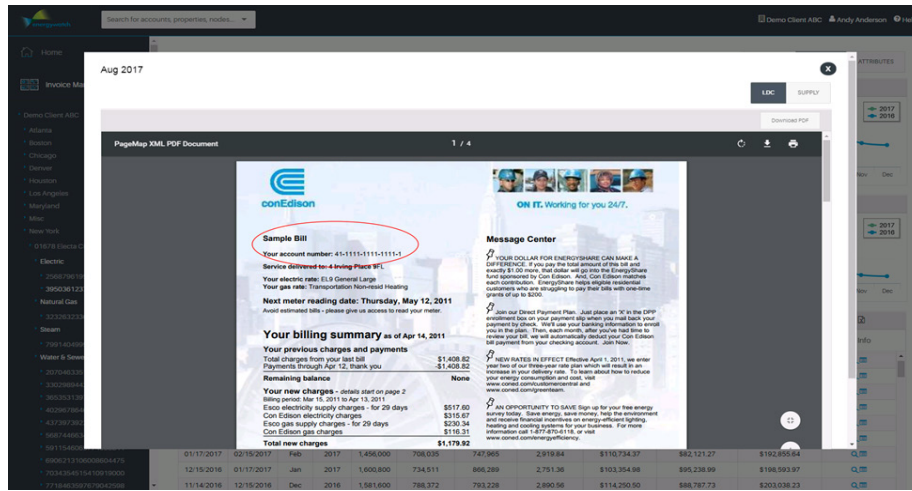
## Invoice Management

Top of the line platforms are now able to provide a variety of normalizations to make sense of invoice data alongside the factors that are influencing it. These leverage statistical modeling to make sense of how usage, demand, and costs trend with both business KPIs and weather at the facility location.

Lastly, ensure that the platform can track and leverage all the information coming from your bills. Gone are the days when kWh and cost are the only meaningful factors; today's complicated utility tariffs and supply contracts contort fees and tie them to things such as demand, reactive power, and even recurring flat charges. Your EMP should be able to bucket all line item charges properly, analyze the variable vs fixed charges accurately, and allow you to download copies of your DF bills individually and in bulk.



# Automated Utility Auditing

Ensure that your platform has a robust auditing and quality assurance process to catch billing errors such as overlapping date ranges, abnormal variances, and unreasonable usage. Auditing hundreds or thousands of utility accounts manually is nearly impossible. Utilizing a solution that can do statistical auditing of your bills to bring anomalies to the surface is critical for scale and accuracy.

| Start Date | End Date | Month | Year | Total kWh | On Peak kWh | Off Peak kWh | Mid Peak kWh | Demand kW | LDC / T&D Cost | Supplier / Generation Cost | Total Cost | Info | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/15/2019 | 11/13/2019 | Nov | 2019 | 1,323,200 | 748,290 | 574,910 | 0 | 3,195.84 | $86,980.91 | $92,550.34 | $179,531.25 | Q | View |
| 09/12/2019 | 10/15/2019 | Oct | 2019 | 1,552,000 | 864,851 | 687,149 | 0 | 3,758.4 | $162,672.37 | $120,707.62 | $283,379.99 | Q | Add |
| 08/14/2019 | 09/12/2019 | Sep | 2019 | 1,535,200 | 884,704 | 650,496 | 0 | 4,488.48 | $213,630.53 | $118,709.31 | $332 | This invoice passed all audits. | |
| 07/16/2019 | 08/14/2019 | Aug | 2019 | 1,488,000 | 869,478 | 618,522 | 0 | 4,245.6 | $204,027.03 | $123,713.89 | $327,740.92 | Q | Add |
| 06/18/2019 | 07/16/2019 | Jul | 2019 | 1,460,000 | 854,140 | 605,860 | 0 | 4,032.48 | $183,309.00 | $117,083.40 | $300,392.40 | Q | Add |
| 05/15/2019 | 06/18/2019 | Jun | 2019 | 1,260,000 | 734,299 | 525,701 | 0 | 3,283.68 | $133,758.85 | $115,770.21 | $249,529.06 | Q | Add |
| 04/16/2019 | 05/15/2019 | May | 2019 | 1,197,600 | 643,288 | 554,312 | 0 | 2,796.96 | $68,779.82 | $81,896.61 | $150,676.43 | Q | Add |
| 03/18/2019 | 04/16/2019 | Apr | 2019 | 1,330,400 | 666,083 | 664,317 | 0 | 2,412.96 | $64,983.52 | $69,397.80 | $134,381.32 | Q | Add |
| 02/14/2019 | 03/18/2019 | Mar | 2019 | 1,483,200 | 783,326 | 699,874 | 0 | 2,218.08 | $73,006.04 | $79,410.12 | $152,416.16 | Q | |
| 01/15/2019 | 02/14/2019 | Feb | 2019 | 1,522,400 | 793,957 | 728,443 | 0 | 2,290.08 | $63,134.03 | $101,775.44 | $164,909.47 | Q | |

The above graphic shows monthly invoices and the status of passing or failing statistical audits. Once it has been determined that an audit has failed, the platform will notify either your analyst to research the exception or our service analysts to do the research on your behalf depending on your service level.

# Invoice Management & Auditing

The below graphic shows the status of each audit check. The parameters of each audit check are customizable by the client.

UTILITY DATA BOX