

# 5 BEST PRACTICES TO OPTIMIZE ENERGY EFFICIENCY

All material handling companies strive for greater synergies to optimize energy efficiencies, productivity and truck performance. Implementing best practices at your facility can help you achieve a more energy-conscious and efficient operation.



## CONDUCT A POWER STUDY

Documenting your current energy consumption is the key to determining what new technologies will be the best fit for you. It is important to understand your operation's duty-cycle requirements or how much equipment is actually put to use during the day.



## MONITOR YOUR BATTERY USAGE

A battery monitoring system such as iBATTERY™ provides timely data about forklift battery temperature, water levels, charge intervals and state of charge. Tools like this remotely monitor battery operating parameters across an entire vehicle fleet, allowing operations to avoid unscheduled downtime, maximize utilization and extend the life of forklift batteries.



## MAINTAIN YOUR BATTERY

Taking good care of your forklift battery is essential. Make sure to maintain the correct water level (about ½ inch below the battery cap opening), monitor proper charge intervals, inspect your battery for any defects or malfunctions and have your service provider repair them as needed.



## EXPLORE ALTERNATIVE ENERGIES

Alternative energy solutions like lithium-ion batteries can provide increased power capabilities and efficiencies so that your trucks can run longer, recharge quicker and move more pallets all while saving on energy costs.



## OPTIMIZE YOUR OPERATIONS

Implementing intralogistics solutions, such as telematics systems, into your trucks and equipment provides valuable data that can be analyzed and used to make informed customer recommendations. This data can provide valuable insights as to what is working in your warehouse and what isn't, creating more space for product, workforce productivity and overall efficiency. A telematics system, such as iWAREHOUSE®, can help identify how and when trucks are being utilized.

To learn more about what Raymond is doing to ensure warehouse, distribution and supply chain operations stay efficient and productive, visit [www.raymondcorp.com](http://www.raymondcorp.com).

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