DERMS with a Difference:
CAT® AMP

THE ERA OF DERMS

As energy costs rise and extreme weather events occur more frequently, the need for Distributed Energy Resource Management Systems (DERMS) has never been so great.

By leveraging power from distributed energy resources (DERs) like diesel and natural gas power generation assets, battery energy storage systems and renewable energy sources, a DERMS solution can enhance grid reliability and, in peak energy consumption hours, lower overall costs.

While most DERMS enable energy management through the dispatching of equipment, a few DERMS offerings integrate with the local power pool and perform automatic energy market bidding and dispatch, delivering economic benefits. Cat® AMP makes this possible.

INTRODUCING CAT AMP

Cat AMP is our advanced DERMS offering designed to help customers reduce energy costs, manage complex energy portfolios, and generate additional revenue through energy market participation. With Cat AMP, you can effortlessly monitor equipment health, manage and dispatch DERs individually or at the fleet level, and report on energy consumption with ease. Already supporting thousands of utilities, retailers, and commercial & industrial customers, Cat AMP can be seamlessly implemented on both new and existing DERs.

6,500+ SITES
with Cat AMP

20-30%
Average customer savings on energy costs*

* Based on savings made by 6000 customers on capacity & transmission charges for peak avoidance.

With numerous DERMS options available, **why choose Cat AMP?**

Discover how we go above and beyond in the comparison below.

What We Do That Others Don't	Does CAT AMP offer this?	Do other providers offer this?
1. **CONSULTANCY & REVIEWS:** We can assess performance and discuss load control strategies for further savings.	YES	Most providers offer data presentment, and the customer must determine how best to use and action the information.
2. **A COMMON VIEW FOR ALL USERS:** We provide a unified view of site usage and market data. This means whether you're a utility, end user, investor, or OEM, everyone can see the same information. If preferred, we can also create customized views for each user group.	YES	Most offer separate modules for each user group, removing the ability for holistic reporting.
3. **INCREASED TRANSPARENCY & REALTIME ACCOUNTING:** We ensure all parties can see live actuals on savings and income generated, linked directly back to the power pool.	YES	Most do not publish their data until the end of the month and use estimated billing, making it difficult to understand the full value of your solution.
4. **AN OPERATION & MAINTENANCE (O&M) MODULE:** We show asset health, including fault codes and alarms. If an issue arises, it automatically alerts a support provider for timely action.	YES	Most platforms show asset health but do not notify the local O&M provider, creating additional processes for the end user.
5. **INCREASED CONTROL:** Our platform can manage and dispatch DERs individually or at a fleet level.	YES	Most providers are able to start a single asset only.
6. **24/7 COMMAND CENTER:** Continuous monitoring of asset health to ensure they can run when needed.	YES	This is not a service widely offered by all providers. When selecting a DERMS supplier, you should inquire whether this is offered.

SO MUCH MORE THAN PEAK SHAVING

Many people think that Cat AMP is solely for peak shaving. However, when utilized correctly, it can provide additional advantages beyond just peak shaving independently!

Cat AMP assesses the market and automatically uses your DERs at the optimal time. Not only is this more efficient, but it is more accurate than peak shaving. Cat AMP also unlocks access to energy market programs, generating additional revenue that peak shaving could not provide.

CAT®

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