

# Energy Storage Management Systems 2015-2019:

## Applications, Players and Forecast

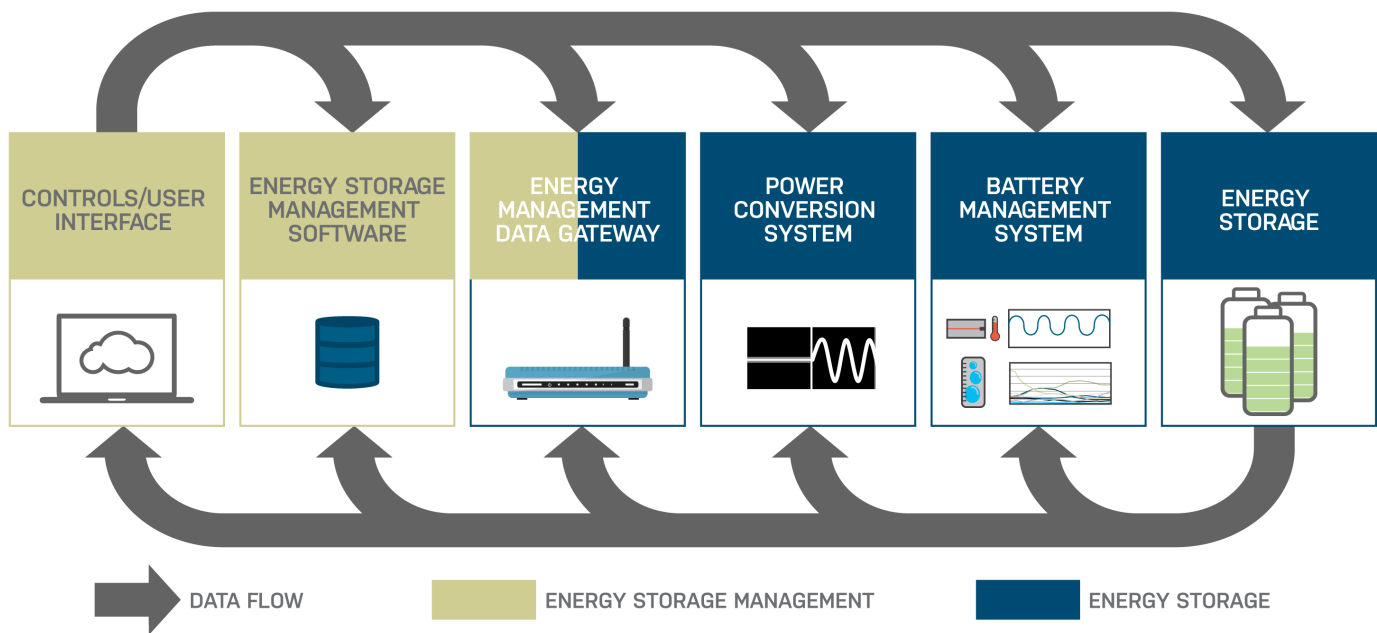
James Belcher, Consultant



A quarter-century ago, the batteries utilities used were often kept in a dusty room, tested once a year, and used only to restart a generator during outages. But today, batteries are becoming a major part of many utilities' overall energy delivery and management strategies. As energy storage proliferates, many users are learning that they can't just put energy storage and power control systems together to create value. Batteries have a finite asset life, and their use affects asset life and return on investment. Getting the most value out of these energy storage installations requires the use of intelligent energy storage management systems (ESMS).

GTM Research estimates that the U.S. market for energy storage management systems will grow tenfold through 2019, creating a significant opportunity for players in the space.

FIGURE: ESMS Diagram



Source: GTM Research

This 95-page report provides a comprehensive look at the growing ESMS market, including definitions, market drivers and barriers, financing information, selected users and case studies, vendors and deployments, and in-depth market potential coverage and forecasting.

### Companies Included

1Energy Systems | ABB | AES Energy Storage | Coda | Demand Energy Networks | Eaton | Growing Energy Labs, Inc. | Green Charge Networks | Greensmith | Intelligent Generation | Princeton Power Systems | S&C Electric | SolarCity | Stem | Sunverge | Tesla

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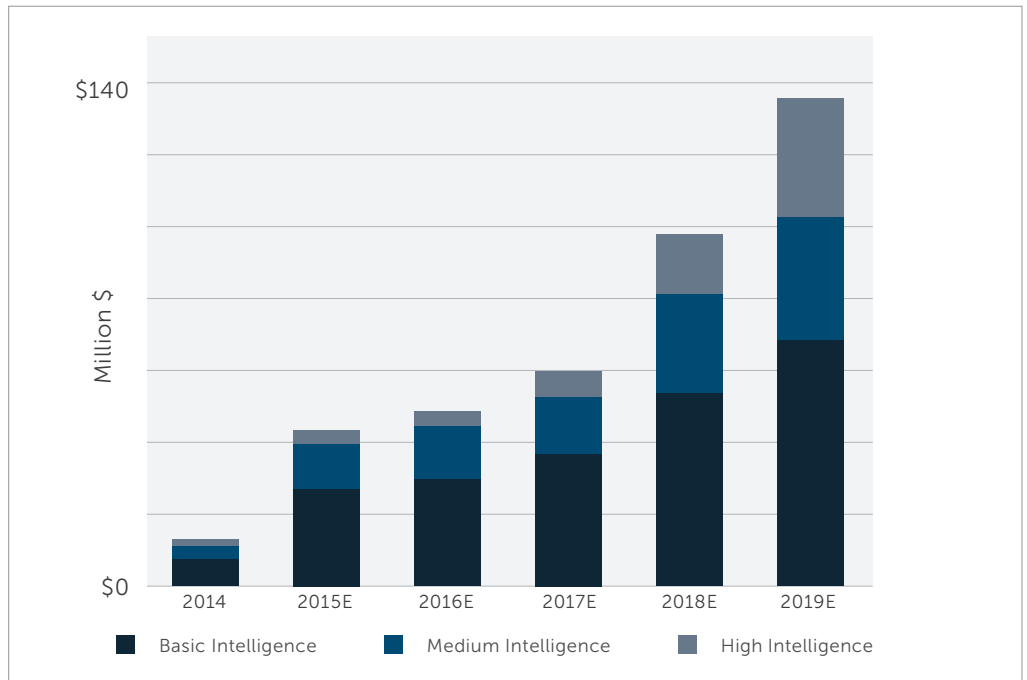
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### Sample Figures

ESMS Market Size, 2014-2019E (Million \$)

Source: GTM Research



Front-of-Meter ESMS, by Application Intelligence, 2019E (% of Total Systems)

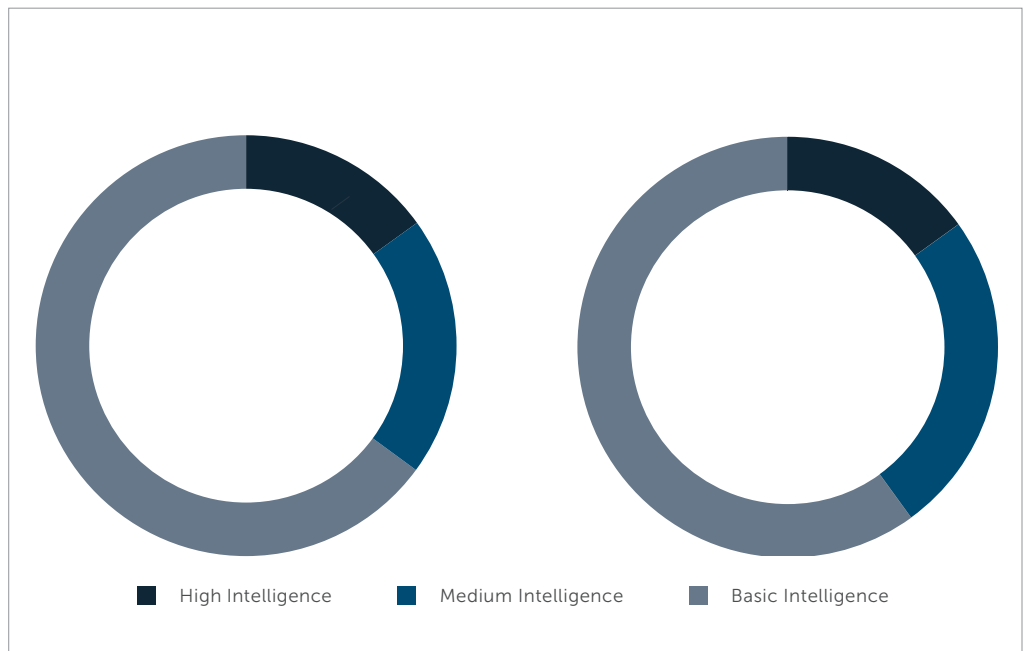
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Source: GTM Research

Behind-the-Meter ESMS, by Application Intelligence, 2019E (% of Total Systems)

(right)

Source: GTM Research



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