

HOSPITALITY

The Better Buildings Initiative has identified resources and tools for the hospitality sector to help partners capitalize on energy efficiency opportunities.

Topic Area:	Better Buildings Solution Center Resource:
<p>Access quality energy and water data</p>	<ul style="list-style-type: none"> • Low Cost Wireless Electric Energy Meter Specification – Guide with specification on the minimum performance requirements for a wireless electric energy metering system. • Applying Energy Management Best Practices to Water Monitoring – Learn how the Tower Companies used a real-time monitoring system to optimize water management measures. • Energy Looking Glass Dashboard – Implementation model showcasing an energy management tracking tool developed by HEI Hotels & Resorts.
<p>Engage staff and build a culture of sustainability</p>	<ul style="list-style-type: none"> • Las Vegas Sands Green Ideas Challenge – Solution-at-a-Glance of Las Vegas Sands’ internal Green Ideas challenge that engages staff to come up with new opportunities for energy and water savings. • Fab Four Energy Buddy Program and Checklist – Solution-at-a-Glance outlining how HEI Hotels & Resorts developed the Fab Four Energy Buddies program to engage staff on energy efficiency best practices and smart operations. • Efficiency Education App – Implementation model featuring MGM Resorts’ mobile tool that encourages employees to be more efficient. • Green Engage – Implementation model outlining how IHG created an online sustainability management system to promote sustainability across their portfolio.
<p>Finance energy and water efficiency projects</p>	<ul style="list-style-type: none"> • Better Buildings Financing Navigator – Explore financing solutions for energy efficiency and renewable energy projects. Through the Navigator, users can connect to the larger Better Buildings Financial Ally community. • Working with Your Utility on Energy Efficiency – Learn about utility services and incentives that Better Buildings partners have leveraged to improve the energy efficiency of their buildings. • PACE Financing for Energy Efficiency Success – Learn how Hilton leveraged Property Assessed Clean Energy (PACE) financing as a vehicle to pay for energy efficiency improvements.
<p>Implement water efficiency measures</p>	<ul style="list-style-type: none"> • Hotel Monaco, DC – Showcase project highlighting water efficiency upgrades with an annual water savings of 41% and cost savings of \$37,000. • Upgrade your Commercial Laundry Facilities – Toolkit containing case studies on how wastewater recycling technologies and ozone-based laundry systems can help realize water savings. • Loews Santa Monica Beach Hotel – Showcase project highlighting how Loews Hotels used sub-metering to pinpoint their largest water consumption source, leading to energy savings of 13% and water savings of 20%.

<p>Maximize the benefits of EMIS</p>	<ul style="list-style-type: none"> • Energy Management Information Systems (EMIS) Technology Classification Framework – Reference guide providing information about the key attributes of different EMIS technology solutions. • Implement EMIS in your Building Portfolio – Toolkit explaining how to begin using EMIS in your buildings. • Building Analytics Success Story MGM Resorts International – Case study on MGM’s Fault Detection and Diagnostics (FDD) software implementation. The addition of analytics has allowed for more accurate and actionable data reporting. • Learn more – Energy Management Information Systems Technology Team
<p>Explore applications of emerging technologies</p>	<ul style="list-style-type: none"> • Marriott’s M&V Process for New Technology – Solution-at-a-Glance highlighting Marriott’s internal Measurement and Verification (M&V) process for assessing new energy-saving technologies. • Grid-interactive Efficient Buildings (GEB) – This factsheet explains the key characteristics of GEB and benefits to building occupants and owners. • Integrating Smart Plug and Process Load (PPL) Controls into EMIS Platforms – This study explores emerging PPL technologies and the characteristics necessary for successful integration into EMIS platforms.
<p>Use renewable energy</p>	<ul style="list-style-type: none"> • Hospitality Solar PV Decision Guide – Decision guide covering benefits, barriers, technical considerations, financing, and stakeholder engagement for solar projects. • On-Site Energy Storage Decision Guide – Guide discussing the variety of incentives, metering capabilities, and financing options that exist for installing energy storage at a facility. • Solar PV RFP & Procurement Guidance Template and Solar Cost Proposal Template - Use these templates to develop your own Request for Proposal (RFP) document as well as a customized form for vendors to complete when responding to your Solar PV RFP. • Learn more - Renewable Integrations Technology Team
<p>More from Better Buildings</p>	<ul style="list-style-type: none"> • On-Demand Webinars – Online repository of past Better Buildings webinars sorted by topic. • Technology Research Teams – Explore opportunities to work with Technology Research Teams led by the National Labs. • Market Solutions Research – Learn how Better Buildings is working with industry leaders to overcome non-technical barriers to energy efficiency. • Annual Reports - Learn more about the recent accomplishments of Better Buildings partners and allies. • Visit the Better Buildings Solution Center to explore all of the Better Buildings resources.