Current and potential value of storage and of their competitors on the grid

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Andreas ZUCKER
JRC Institute for Energy and Transport
Energy Technology Policy Outlook Unit
Content

• Value of storage from different perspectives

• Case studies

• Conclusion
Storage can deliver services along the entire electricity value chain ...

Typical use cases for large scale storage

Typical use cases for distributed storage
The value of storage depends on the point of view taken in the assessment

<table>
<thead>
<tr>
<th>Type of study</th>
<th>Process</th>
<th>Mathematical formulation</th>
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</thead>
<tbody>
<tr>
<td>Investor value</td>
<td>Assess the <strong>profitability</strong> of power storage from the investor's point of view</td>
<td><strong>Maximise profit</strong> resulting from (possible) storage revenue streams</td>
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<tr>
<td>System Value</td>
<td>Assess <strong>benefit</strong> of adding storage to the generation system</td>
<td><strong>Minimise total costs</strong> of operating the power system</td>
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</tbody>
</table>
Dispatch (MWh/h)

Revenues (EUR/h)

Maximise revenues (LP, NLP or MIP)

Power Prices