### Data Center Maturity Model

<table>
<thead>
<tr>
<th>Facility</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>Capacity with plenty of headroom</td>
<td>Capacity with some headroom or adequate room for growth</td>
<td>Capacity constrained</td>
<td>Capacity constrained</td>
<td>Capacity constrained</td>
</tr>
<tr>
<td>Efficiency</td>
<td>85% efficiency on base load / 90% efficiency on peak load</td>
<td>85% efficiency on base load / 90% efficiency on peak load</td>
<td>85% efficiency on base load / 90% efficiency on peak load</td>
<td>85% efficiency on base load / 90% efficiency on peak load</td>
<td>85% efficiency on base load / 90% efficiency on peak load</td>
</tr>
<tr>
<td>Availability</td>
<td>No single point of failure</td>
<td>No single point of failure</td>
<td>No single point of failure</td>
<td>No single point of failure</td>
<td>No single point of failure</td>
</tr>
<tr>
<td>Reliability</td>
<td>85% reliability on base load / 95% reliability on peak load</td>
<td>85% reliability on base load / 95% reliability on peak load</td>
<td>85% reliability on base load / 95% reliability on peak load</td>
<td>85% reliability on base load / 95% reliability on peak load</td>
<td>85% reliability on base load / 95% reliability on peak load</td>
</tr>
</tbody>
</table>

### Investment (Financial, Time & Resource)

- **Level 1**: Initial investment with low risk and quick return.
- **Level 2**: Incremental investment with moderate risk and moderate return.
- **Level 3**: Significant investment with high risk and high return.
- **Level 4**: Strategic investment with highest risk and highest return.
- **Level 5**: Continuous investment with minimal risk and minimal return.

### Management

- **Level 1**: Basic monitoring and reporting.
- **Level 2**: Comprehensive monitoring and advanced reporting.
- **Level 3**: Predictive analytics and proactive management.
- **Level 4**: Artificial intelligence and automation.
- **Level 5**: Continuous learning and optimization.

### IT

- **Level 1**: Basic data protection.
- **Level 2**: Advanced data protection and disaster recovery.
- **Level 3**: Continuous data protection and disaster recovery.
- **Level 4**: Automated data protection and disaster recovery.
- **Level 5**: Intuitive data protection and disaster recovery.

### Data Center Efficiency & Sustainability

- **Level 1**: Basic energy management.
- **Level 2**: Advanced energy management.
- **Level 3**: Optimal energy management.
- **Level 4**: Intelligent energy management.
- **Level 5**: Adaptive energy management.

### Key Benefits

- **Level 1**: Improved energy efficiency and reduced costs.
- **Level 2**: Enhanced performance and increased reliability.
- **Level 3**: Optimized resource utilization and reduced waste.
- **Level 4**: Advanced analytics and predictive maintenance.
- **Level 5**: Continuous improvement and sustainable operations.