Typical Single Input RPA System Configuration

**DIGITAL ENERGY**

**SG SERIES 750kVA UPS**

**Notes:**
1. GE's RPA technology allows up to (8) eight UPS modules to be paralleled for redundancy or capacity. Four (4) UPS modules are shown. Size output switchgear accordingly.
2. Standard systems rated 65kAIC. 100kAIC option available.
3. Ratings shown for 100% rated circuit breakers.
4. UPS system must be fed from a grounded-wye source.
5. UPS modules require optional 3-wire kit if input feeder circuits are 3-wire (no neutral).
6. Output switchgear must include neutral bus for proper UPS operation.

**TABLE 1:**

<table>
<thead>
<tr>
<th># OF UPS MODULES</th>
<th>CONFIG.</th>
<th>CONFIG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>2</td>
<td>1,000</td>
<td>1,000</td>
</tr>
<tr>
<td>3</td>
<td>2,000</td>
<td>1,000</td>
</tr>
<tr>
<td>4</td>
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<td>2,900</td>
</tr>
<tr>
<td>5</td>
<td>4,000</td>
<td>3,900</td>
</tr>
<tr>
<td>6</td>
<td>5,000</td>
<td>4,900</td>
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<td>Consult Factory</td>
</tr>
<tr>
<td>8</td>
<td>Consult Factory</td>
<td>Consult Factory</td>
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**Circuit Breaker Legend**
- UB: UPS Input Breaker
- MBB: UPS Module Output Isolation Breaker
- SB: System Isolation Breaker
- MB: Maintenance Bypass Breaker
- SIB: System Isolation Breaker
- LBB: Load Bank Breaker

**Legend:**
- UPS input switchgear and all UPS input/output circuits must include neutral, if load circuits use neutral.
- Output switchgear must include neutral bus for proper UPS operation.
- UPS Input Switchgear and all UPS input/output circuits must include neutral, if load circuits use neutral.
**Typical Dual Input RPA System Configuration**

**DIGITAL ENERGY SG SERIES 750kVA UPS**

**General Notes:**
1. GE's RPA technology allows up to 8 UPS modules to be paralleled for redundancy or capacity. Four (4) UPS modules are shown. Size output switchgear accordingly.
2. Standard systems rated 65kAIC. 100kAIC option available.
3. Ratings shown for 100% rated circuit breakers.
4. UPS system must be fed from a grounded-wye source.
5. UPS modules require optional 3-wire kit if input feeder circuits are 3-wire (no neutral).
6. Output switchgear must include neutral bus for proper UPS operation.
7. UPS input switchgear and all UPS input/output circuits must include neutral, if neutral circuits are neutral.

**Circuit Breaker Legend:**
- UB: UPS Input Breaker
- MB: Maintenance Bypass Feeder Breaker
- MIB: UPS Module Output Isolation Breaker
- UIB: UPS Input Breaker
- MBF: Maintenance Bypass Feeder

**Table 1:**

<table>
<thead>
<tr>
<th>UPS MODULES</th>
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<th>N-2 CONFIG</th>
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</thead>
<tbody>
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<tr>
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</tr>
<tr>
<td>6</td>
<td>5,000</td>
<td>4,000</td>
</tr>
</tbody>
</table>

**Legend:**
- MBB: Maintenance Bypass Breaker
- LBB: Load Bank Breaker
- SIB: System Isolation Breaker

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**General Electric Company**

**First Made For:** ---

**Drawing No:** 446124

**Scale:** --

**Dwg Date:** 11/5/2007

**Sheet:** 2 of 2