West Virginia PEA Update
Mon Power & Potomac Edison’s Solar Program
Douglas S. Hartman – Director, Energy Services
WV Legislation & MP Philosophy

• 2020 SB 583
• Mon Power’s Solar Program Approach
  – Self Build
  – Labor
  – Domestic Sourcing
  – Site Control
  – Interconnection
  – Environmental
Mon Power Solar Program: Phase I

- **2024 Ft. Martin Site (19MW)**
  - Adjacent to ash disposal site
- **2025 Marlowe Site (6MW)**
  - Reclaimed ash disposal site
- **2025 Wylie Ridge Site (8MW)**
  - Adjacent to a Mon Power substation
- **2025 Rivesville Site (5MW)**
  - Retired ash sites
- **2026 Davis Site (12MW)**
  - Reclaimed strip mine

<table>
<thead>
<tr>
<th>Site</th>
<th>Capacity (nominal)</th>
<th>Annual Generation</th>
<th>Annual Solar Renewable Energy Credits SREC/yr</th>
<th>PSC Required Subscribed Energy GWh/yr</th>
<th>PSC Required Subscribed Solar Attribute SREC/yr</th>
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</thead>
<tbody>
<tr>
<td>Ft. Martin Solar</td>
<td>19</td>
<td>33.0</td>
<td>33,000</td>
<td>28.1</td>
<td>28,050</td>
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<td>Wylie Ridge Solar</td>
<td>8</td>
<td>14.7</td>
<td>14,700</td>
<td>12.5</td>
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<td>Marlowe Solar</td>
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<td>10.0</td>
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<td>Rivesville Solar</td>
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<td>Davis Solar</td>
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<td>20.0</td>
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<td>17.0</td>
<td>17,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>50</strong></td>
<td><strong>87.4</strong></td>
<td><strong>87,400</strong></td>
<td><strong>74.3</strong></td>
<td><strong>74,290</strong></td>
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</tbody>
</table>

Assume 20% Capacity Factor
Fort Martin - 2023

- Target In-service: 12/31/2023
- 19MW Capacity
- ~$16M ITC benefit
- ~6,000 Piles, 52% complete
- Cabling 100% complete
- Panel delivery: September
- Switchgear delivery: November
Mon Power Solar Program

- Turnkey Program
  - WV PSC approved $40 Solar Renewable Energy Credit (SREC)
    - Delivery beginning in 2024
  - Subscriptions: 720+
  - Federal Facility Requirement
- Subscription Link:
  - FirstEnergycorp.com/wvsolar

July 26, 2023
Mon Power Micro-Site

- ~12KW
- 28 ‘First Solar’ panels
- Panel-Battery-Level II Charger
Appendix
MON POWER SOLAR PROGRAM CONTACTS

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- WV Solar Web Page:
  - https://www.firstenergycorp.com/wvsolar
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