



**Focused on Our
Future**

West Virginia PEA Update
**Mon Power & Potomac Edison's Solar
Program**

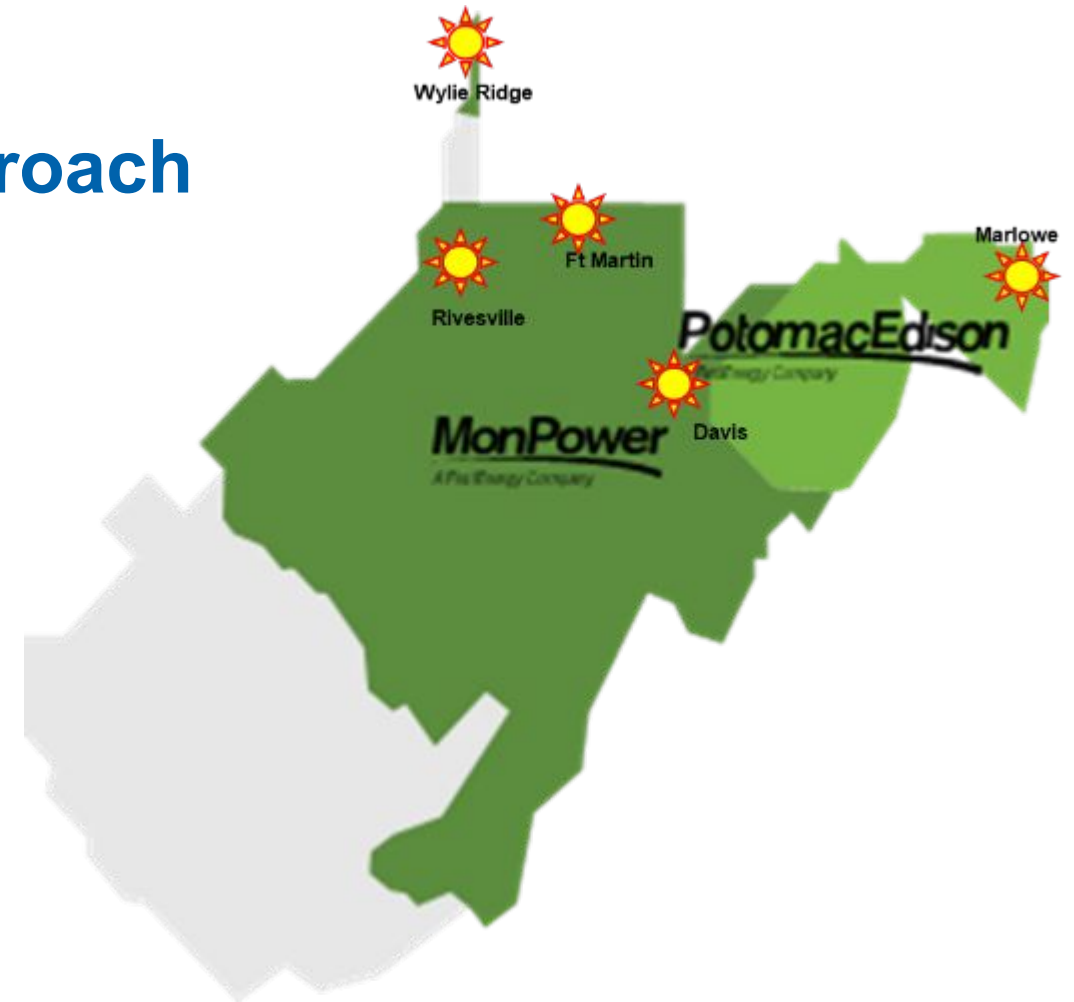
Douglas S. Hartman – Director, Energy Services

July 26, 2023



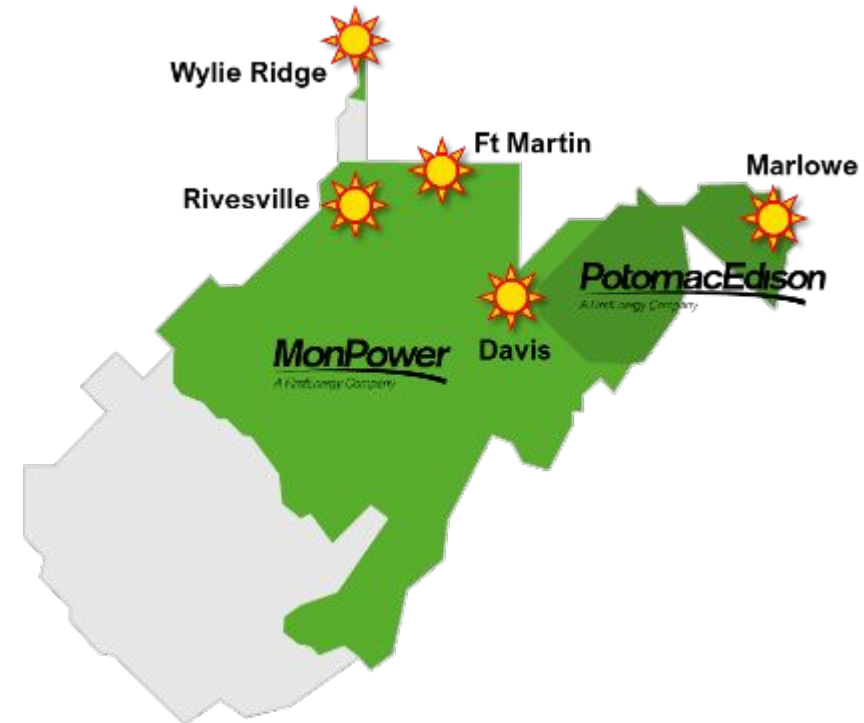
WV Legislation & MP Philosophy

- **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



Site	Production			PSC Requirements	
	Capacity (nominal) MW	Annual Generation GWhr/yr	Annual Solar Renewable Energy Credits SREC/yr	PSC Required Subscribed Energy GWhr/yr	PSC Required Subscribed Solar Attribute SREC/yr
Fort Martin Solar	19	33.0	33,000	28.1	28,050
Wylie Ridge Solar	8	14.7	14,700	12.5	12,495
Marlowe Solar	6	10.0	10,000	8.5	8,500
Rivesville Solar	5	9.7	9,700	8.2	8,245
Davis Solar	12	20.0	20,000	17.0	17,000
Total	50	87.4	87,400	74.3	74,290

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





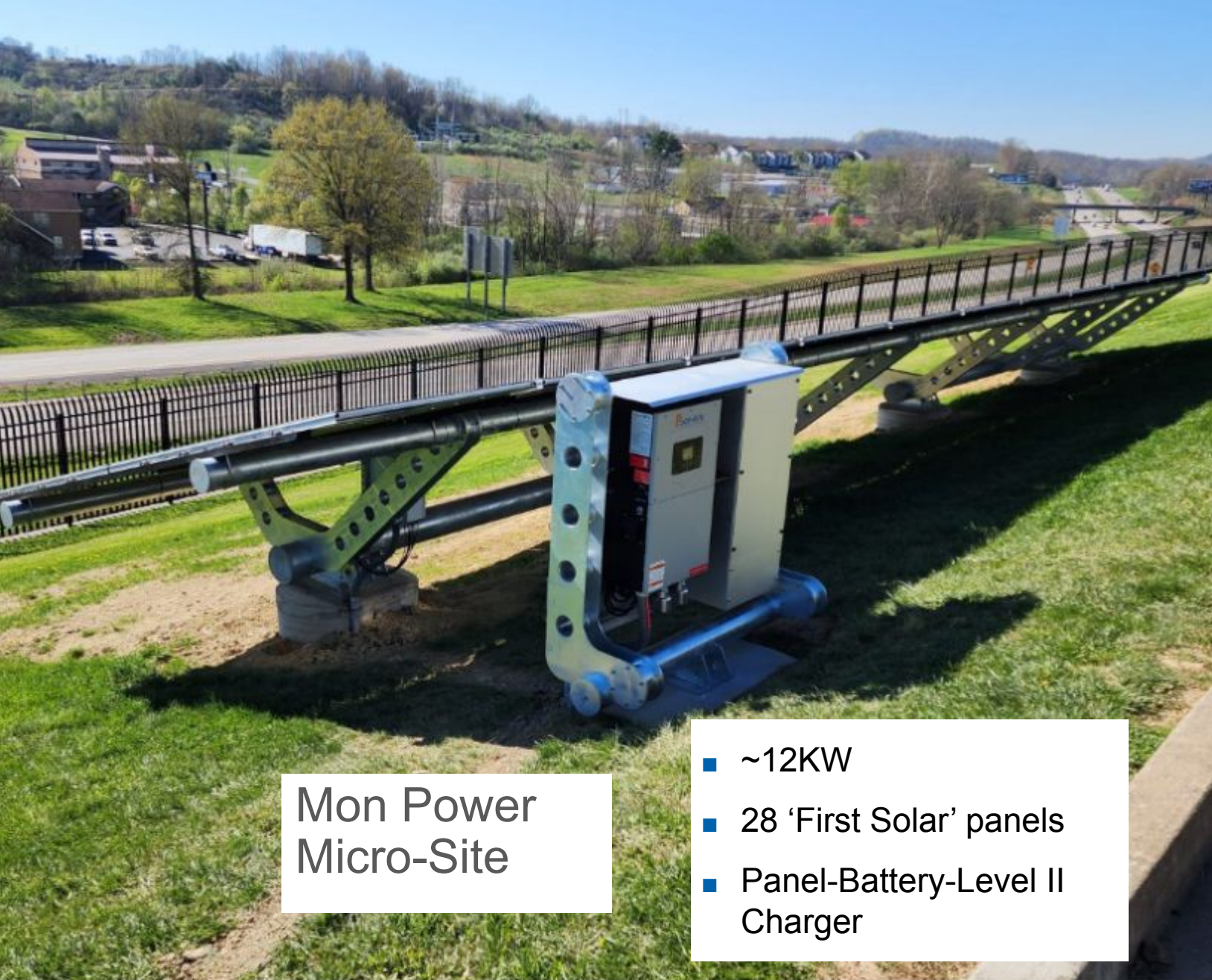
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Mon Power Solar Program

■ 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





Mon Power Micro-Site

- ~12KW
- 28 'First Solar' panels
- Panel-Battery-Level II Charger



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Mon Power's solar array overlooks I-79. David Beard/The Dominion Post photo

Thank You



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Appendix

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MON POWER SOLAR PROGRAM CONTACTS

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