MILLER BROS.

SERVICES & CAPABILITIES

Electric Transmission, Substation & SCADA
Natural Gas Transmission & Distribution
Site Civil, Water, Sewer, & Stormwater
Distributed Generation - PV, BESS, CHP/Generator, & Wind
Microgrid / Cybersecurity
Electrical, Communications & Controls Construction

MILLER BROS.
301 Alan Wood Road
Conshohocken, PA 19428-1138
(P) 610.832.1000
(F) 610.832.1005
Joseph B. Marrone, Jr.
Vice President,
Construction
joe@millerbros.us
610-506-6111

Services

24/7/365 Emergency Services

Electric/Gas Utility

On-Call Emergency / Disaster Response
Electric T&D / Substation up to 500kV
Gas T&D Main, Services and Meter Sets
Underground and Aerial Construction
Riser Replacement and Meter Sets
HDD / Vacuum Excavation
Operator Qualifications(OQ):NGA, ITS & MEA

Site Civil and Site Utility

Clearing, Land Prep and Surveying (2D&3D)
RoW Clearing and Vegetation Maintenance
Sawing and Trenching
Wet Utilities - Water / Sewer / Stormwater
Lift Station Construction and Maintenance
Flatwork and Paving
Irrigation
Landscaping / Hardscaping

Heavy & Highway

Traffic Signal Construction & Maintenance
Intelligent Traffic Systems
Highway Lighting
Horizontal Directional Drilling (HDD)
Vertical Coring & Conventional Bores

Commercial & Industrial

Interior & Exterior Power Distribution
Fire Alarm/ Security/ Data/ BAU
SCADA/Smart Grid
Lighting Solutions
Generators, UPS's, VFD's
Operations & Maintenance

TEGG

Infrared Testing
Power System Studies
Arc Flash Hazard Analysis
Preventive Maintenance
Breaker Testing
Upgrade, Reconditioning & Retrofit Projects
24/7 Technical Support

Distributed Generation

Solar, Wind, Co-Gen, CHP
Microgrid Cybersecurity, Homer & ETap Modeler
Full Project Development
Complete Project Financing
Full EPC
Operations & Maintenance
Monitoring & Data Collection

Transit Services

Station Construction
Catenary Column & Cable Installation
Electric Utility
Rail Relaying
Switching and Signaling
Signal - Communications - Power
Caisson Installation
Traction Power Bonding

Telecommunications

Inside and Outside Plant
Underground and Aerial Installations
5G ADSS and OPGW
Fusion Splicing & Testing
Duct and Manhole Installation
Server Room HVAC

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Qualifications

Expertise

1000+ Trucks and Pieces of Heavy Equipment
500+ Employees
PA, NJ License
MD, DE License
NY License
CT, RI, MA, DE, VT, ME, NH - License
TX – Southeast/west
NECA Member
Utility, Municipal, Commercial Scale Renewable Construction

Financial Strength

Industry Leading Health and Safety Performance (EMR = .616, DART = 0, OSHA = .19
Bonding capacity exceeds $500+ million
15+ Years of Audited Financial Statements
30+ Years Banking Relationships / Univest Bank & Trust
Resources To Deliver On-Time Completion
Industry Leading Health and Safety Performance
Bid, Performance and Maintenance Bonding
Credit Lines with National, Regional and Local Suppliers
Established relationships with Tier 1 Vendors

Capabilities

Project Development, Financing, Turn-Key E.P.C.
Start-up, Testing & Commissioning
Operations & Maintenance
Permitting Through Interconnection
Ability to Mobilize and Scale Quickly
High & Medium Voltage
Civil, Electrical and Mechanical Construction
Established relationships Utilities
Trained and Highly Qualified Team of Professionals
Practical Experience - Local Approach

Commitment

30+ years of Design/ Build, PM Experience
On Site Repairs and Maintenance
System Energy Performance Guarantee
24-7 Emergency Response
Quality Assurance Planning (QAP)
Quality Control Project Planning (QCPP)
Construction Quality Control Planning (CQCP)
Onsite Corporate Safety Program
In-house Health & Safety Manager
On time – on budget!

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Engineering, Procurement, Construction & Maintenance

Development

Due diligence support
Fatal flaw assessment
Transmission and interconnection support
Resource evaluation
Land use approvals
Environmental assessment and permit approvals
Engineering, design, and construction support

Transmission Interconnection

Aerial and underground
Complex interconnections
Full route planning
High & medium voltage
Transmission design & construction
Boring & directional drilling
Substation construction and O&M

Engineering / Design

System design and optimization
Maximize energy production
Geotechnical engineering
Civil engineering
Substation, and interconnection engineering
SCADA optimization
Equipment / component evaluation and selection
Unique and custom racking
Cybersecurity

Construction

Utility, municipal and commercial
Full Construction Management
Site/ Civil
Full Electrical & Mechanical
Quality, Cost, Schedule control process
Safe work environment
Schedule flexibility to meet financial deadlines
Full balance-of-systems construction

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Our Partners

































































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Distributed Generation

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Distributed Generation

Sample Projects

10mW Pohatcong Solar
NJ Utility

Completed:
2019

13mW New Road Solar
NJ Utility

Completed:
2017

20mW Hebron Solar
NJ Utility

Completed:
2015

8mW BESS
Philadelphia

Completed:
2017

PNY Microgrid
Philadelphia, PA

Completed:
2017

TX Microgrid
Dept. of Defence

Under Construction

8mW Peaker Plant
PIDC

Completed:
2018

9mW CHP
SEPTA

Completed:
2018

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Distributed Generation

Microgrid Switchgear/Controls



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Distributed Generation

8mW Peak Shaving Plant



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610-506-6111

Distributed Generation

8mW BESS



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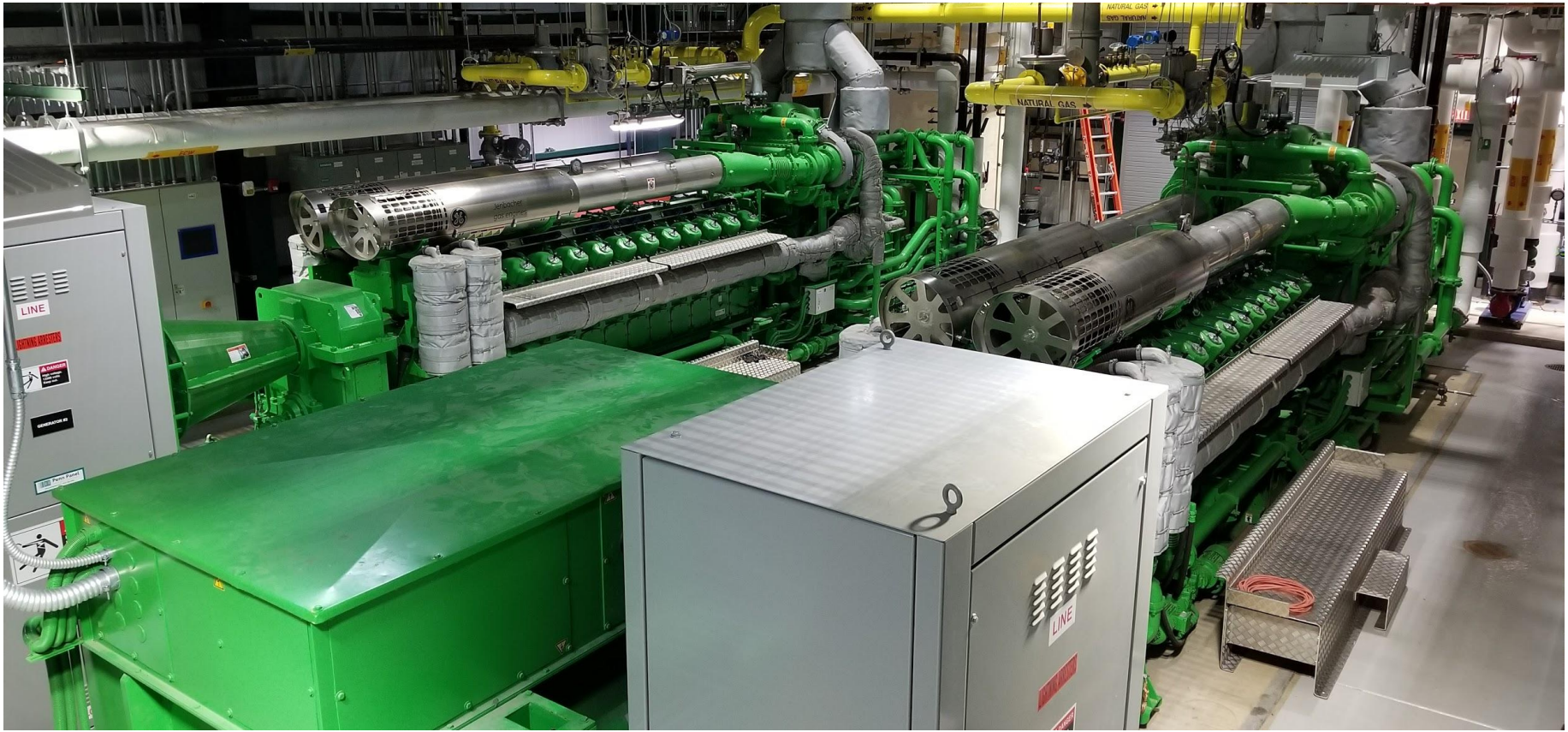
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Construction

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Distributed Generation

9mW CHP



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Distributed Generation

13mW Ballasted Landfill



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Distributed Generation

7mW Post Driven, Fixed Tilt



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Distributed Generation

20mW Single Axis Tracker



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Distributed Generation

8mW Ballasted Brownfield



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Distributed Generation

10mW Post Driven, Fixed Tilt



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Distributed Generation

6mW Parking Canopy



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Distributed Generation

2012 USA Largest Rooftop



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Electric Utility

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Electric Utility

Sample Projects

Pitman Substation
Atlantic City Electric

Completed:
2017

Wood Street Substation
First Energy

Completed:
2019

Roadstown Substation
Atlantic City Electric

Completed:
2018

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Electric Utility

39mW Substation



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Electric Utility

Substation - 2018



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(F) 610.832.1005

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Construction

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610-506-6111

Electric Utility

Energized Aerial Distribution Work



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301 Alan Wood Road
Conshohocken, PA 19428-1138

(P) 610.832.1000
(F) 610.832.1005

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Vice President,
Construction

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Electric Utility

Energized Aerial Primary Work



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Electric Utility

Ductbank Installation



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Electric Utility

Transmission Feeder Installation



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Electric Utility

TX Storm Response



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Site Civil and Site Utility

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Site Civil and Site Utility

Sample Projects

Branford Clearing and Site Prep
Town of Branford

Completed:
2018

Stormwater Installation
USPS

In Progress

Rocky Hill Clearing and Site Prep
Rocky Hill

Completed:
2017

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Construction

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Site Civil and Site Utilities

Stormwater Installation



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Construction

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Site Civil and Site Utilities



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Site Civil and Site Utilities

Wet Utility Sawing and Excavation



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Site Civil and Site Utilities

Water Installation



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Site Civil and Site Utilities

Water Installation





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Site Civil and Site Utilities

Stormwater Basin Installation



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Thank You

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