UTILITY SCALE SOLAR

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UTILITY SCALE SOLAR GENERATION

Solar Power Plants in Virginia (46 producing power)

Net generation, Virginia, all sectors, monthly

Data source: U.S. Energy Information Administration

CLEAN ENERGY VIRGINIA
Installed Solar Capacity to Date

- **Dominion**
  - 25 operational projects totaling **1,165 MW**
  - Owned by Dominion or through PPAs
    - Regulated Customers, COV, Amazon, Facebook, T-Mobile, ODEC

- **Appalachian Power**
  - One operational project totaling **20 MW** (PPA)

- **Municipal Utilities**
  - Town of Bedford - **3 MW**
  - Town of Front Royal - **3 MW**
  - City of Danville - **16 MW**

- **Cooperatives**
  - Central Virginia Electric Cooperative - **10 MW**

- **Projects selling directly into PJM**

- **Distributed Generation (NEM): 197 MW**
  - Residential - 20,094 systems totaling **137 MW**
  - Non-Residential - 805 systems totaling **60 MW**

- **SEIA TOTAL: 2,546 MW**
ISSUED PERMITS BY RULE AND NOTICES OF INTENT (DEQ)

- Active Permits: 96
- Permitted MW: 3,041 MW
- Permitted Acreage: 36,359 acres
- Notices of Intent (NOI): 64
- Total MW Based on NOIs: 2,721 MW
- Total Acreage for NOIs: 29,512 acres
UTILITY SCALE SOLAR:
Land Use Considerations & Best Practices

- Agrivoltaics
- Pollinator Friendly Facilities
- Previously Disturbed Lands
- Siting Agreements
  - Broadband
- SolSmart technical assistance and designation for localities