



UTILITY SCALE SOLAR

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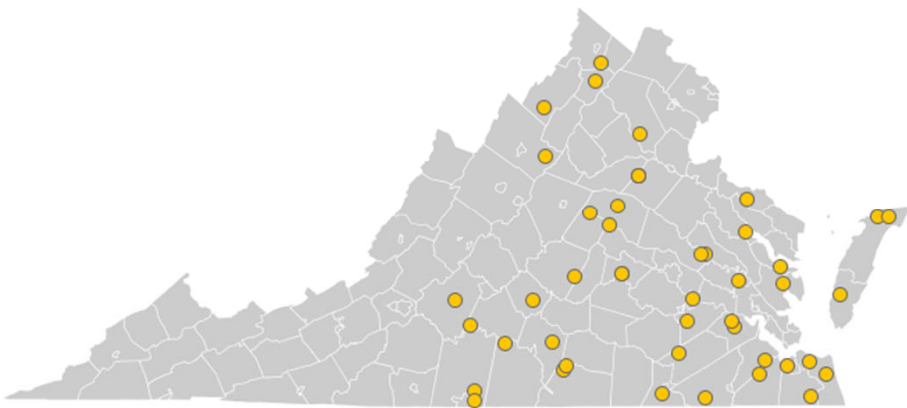


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UTILITY SCALE SOLAR GENERATION

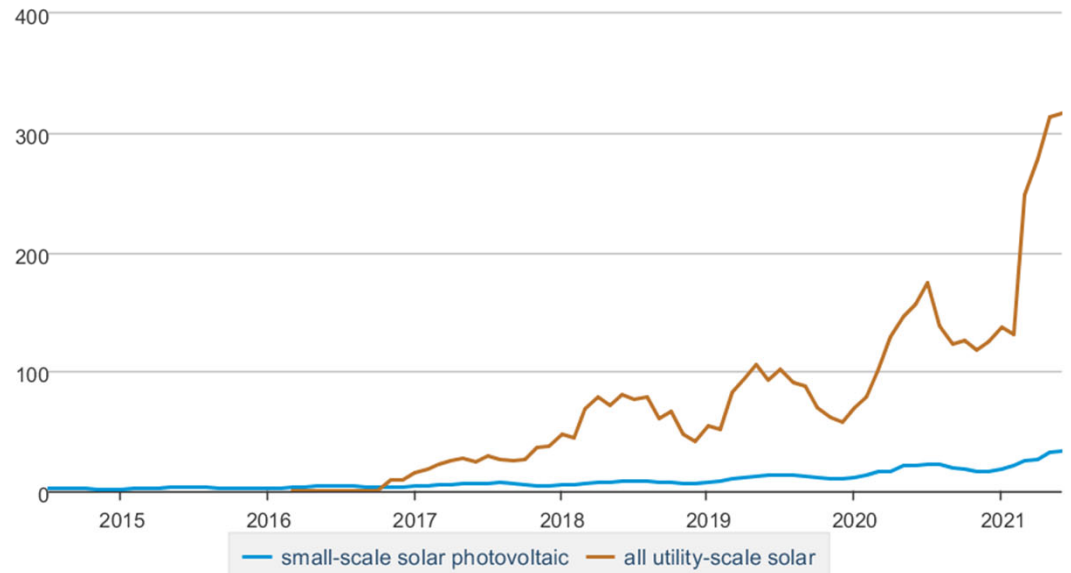
Solar Power Plants in Virginia (46 producing power)



Data source: U.S. Energy Information Administration

Net generation, Virginia, all sectors, monthly

thousand megawatthours



Data source: U.S. Energy Information Administration



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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**



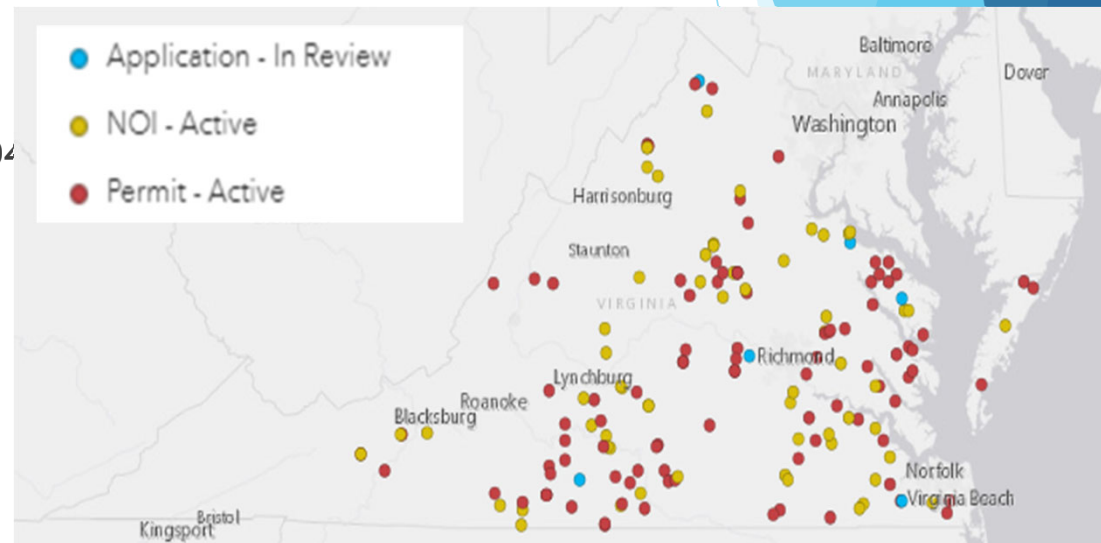
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ISSUED PERMITS BY RULE AND NOTICES OF INTENT (DEQ)

- ▶ Active Permits: 96
- ▶ Permitted MW: 3,040 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



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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

