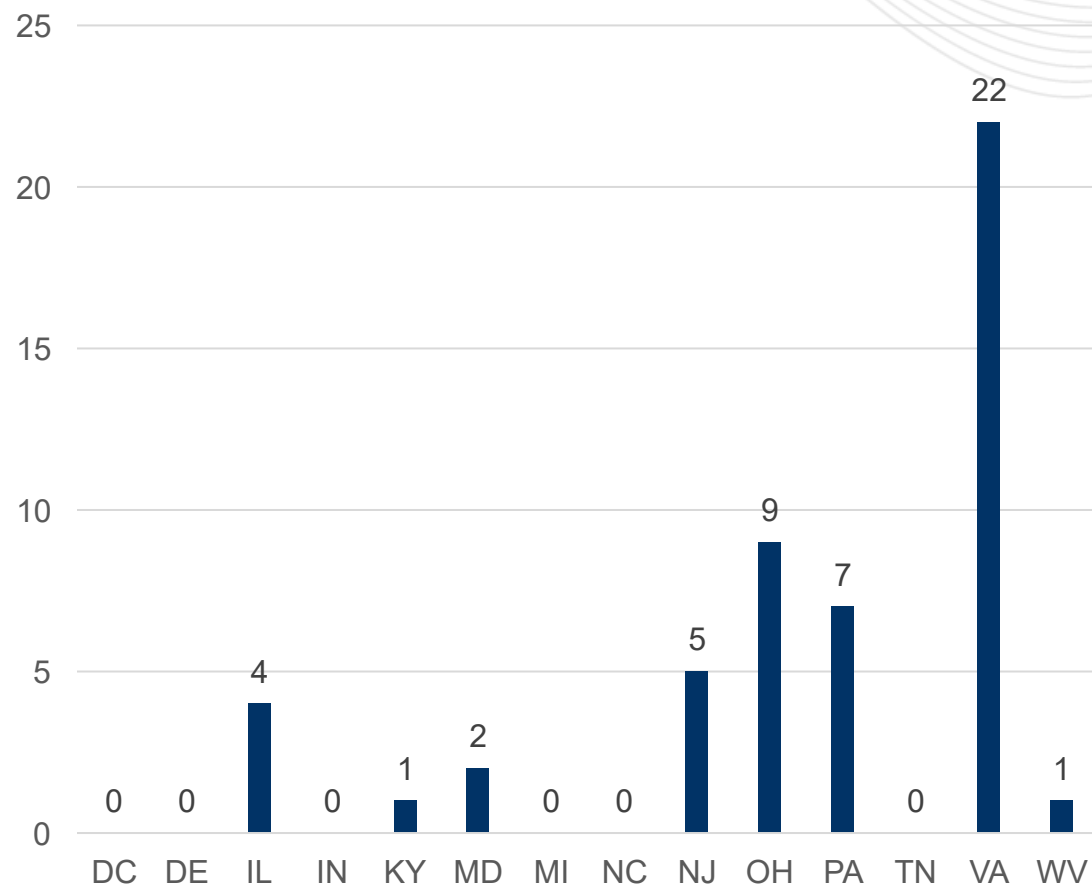


Reliability Resource Initiative Additional Summaries

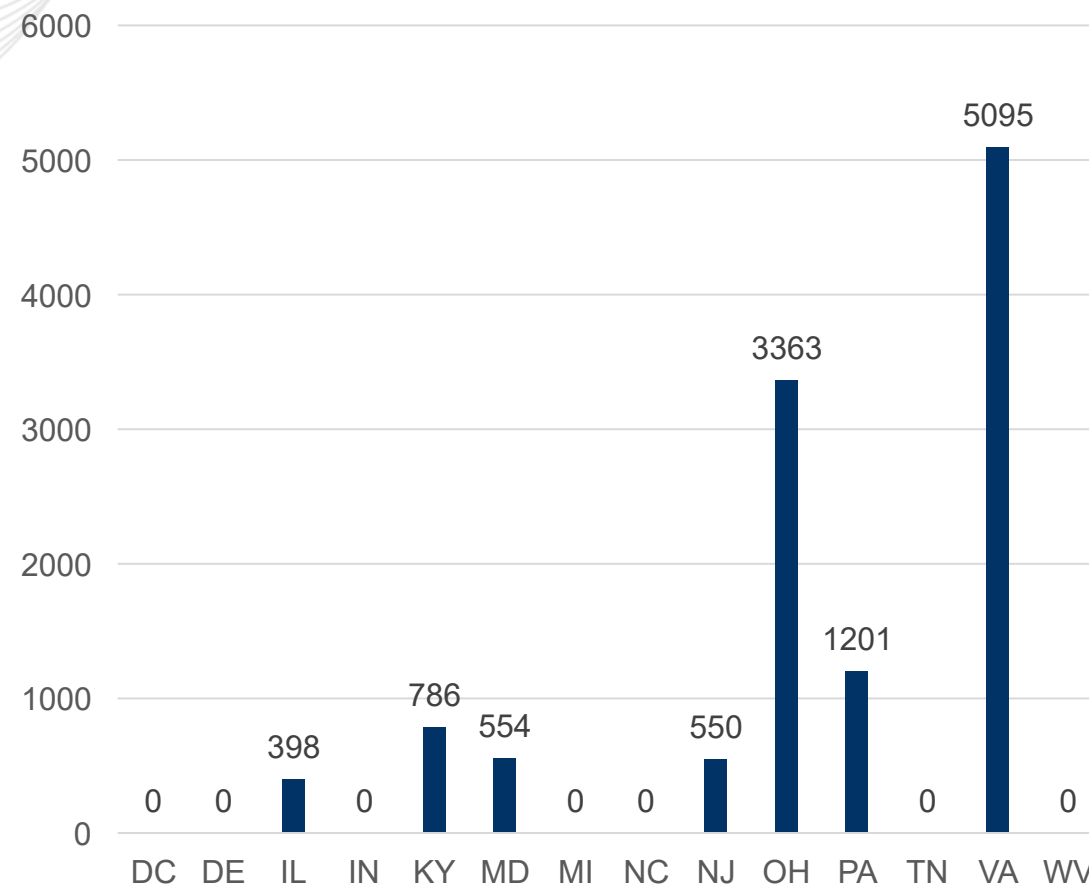
Donnie Bielak
Director, Interconnection Planning
Planning Committee
May 6, 2025

RRI: Project Selection by State

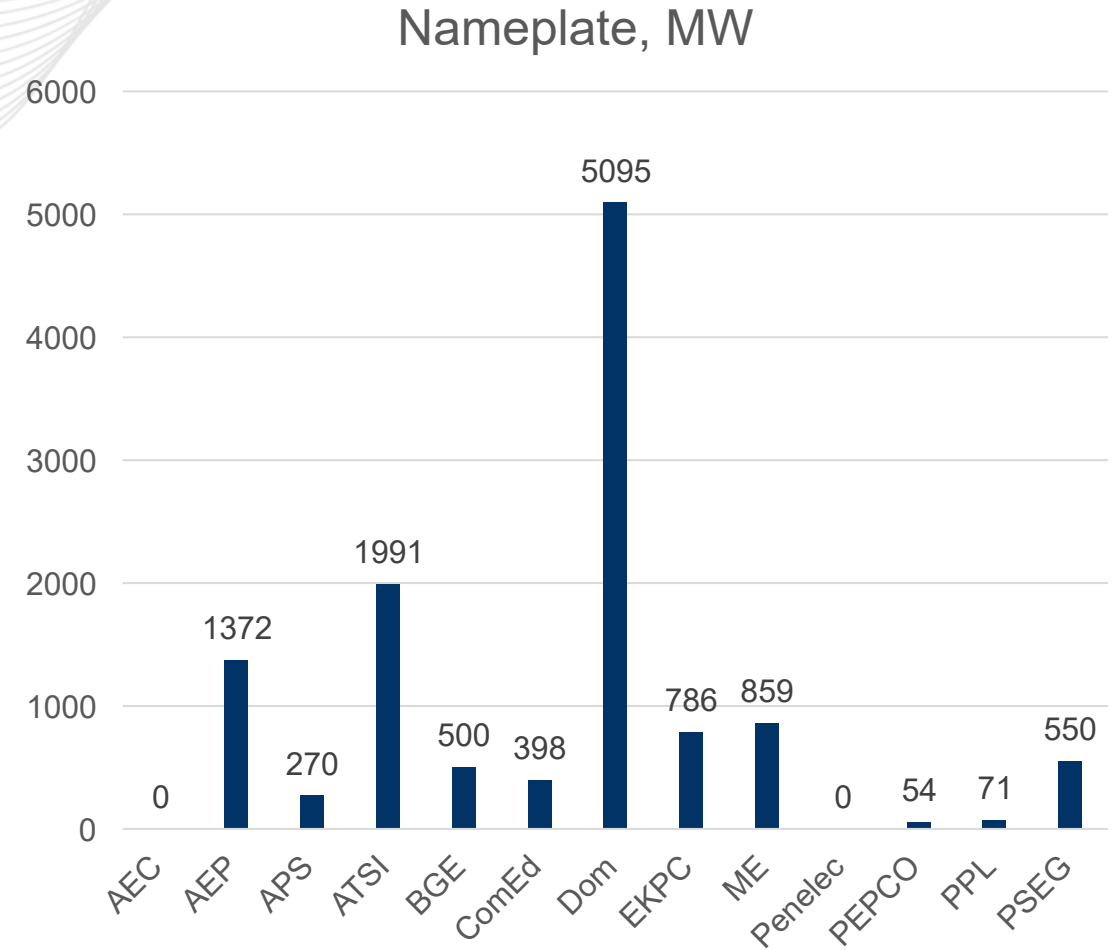
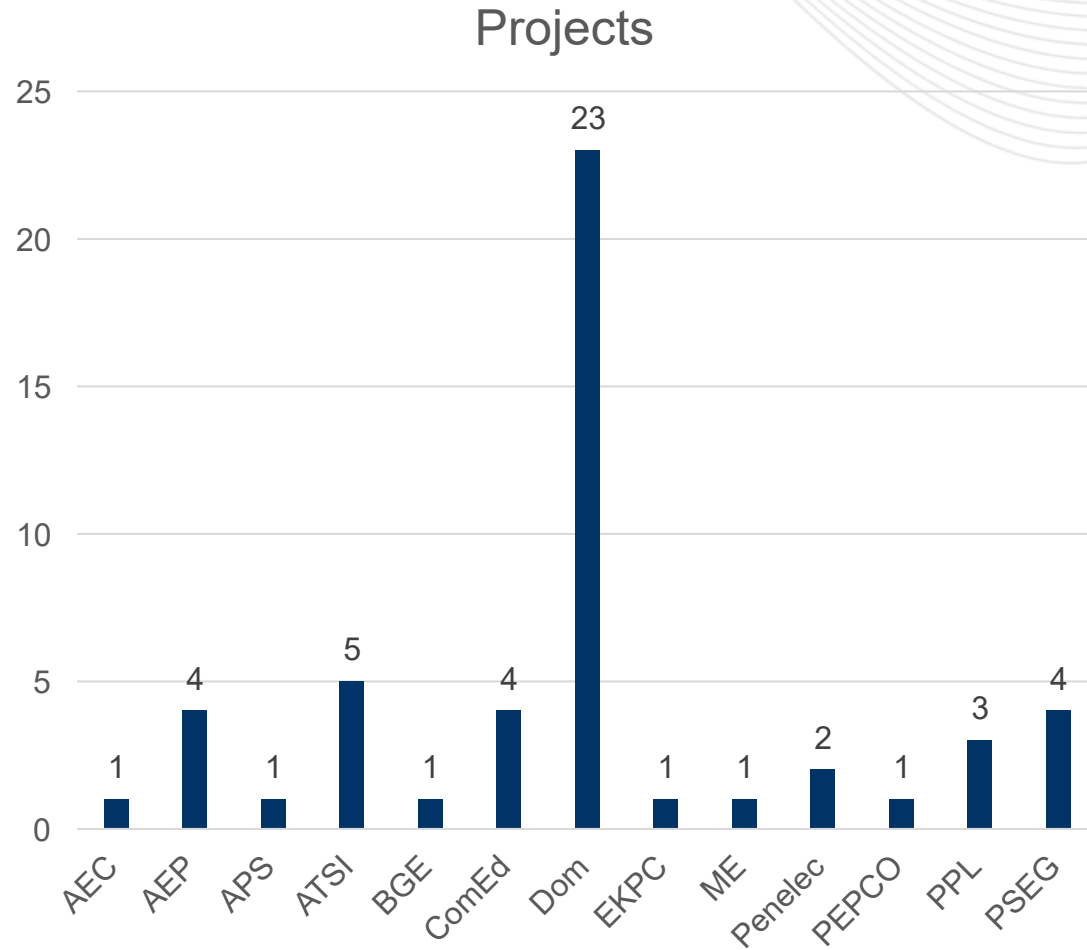
Projects

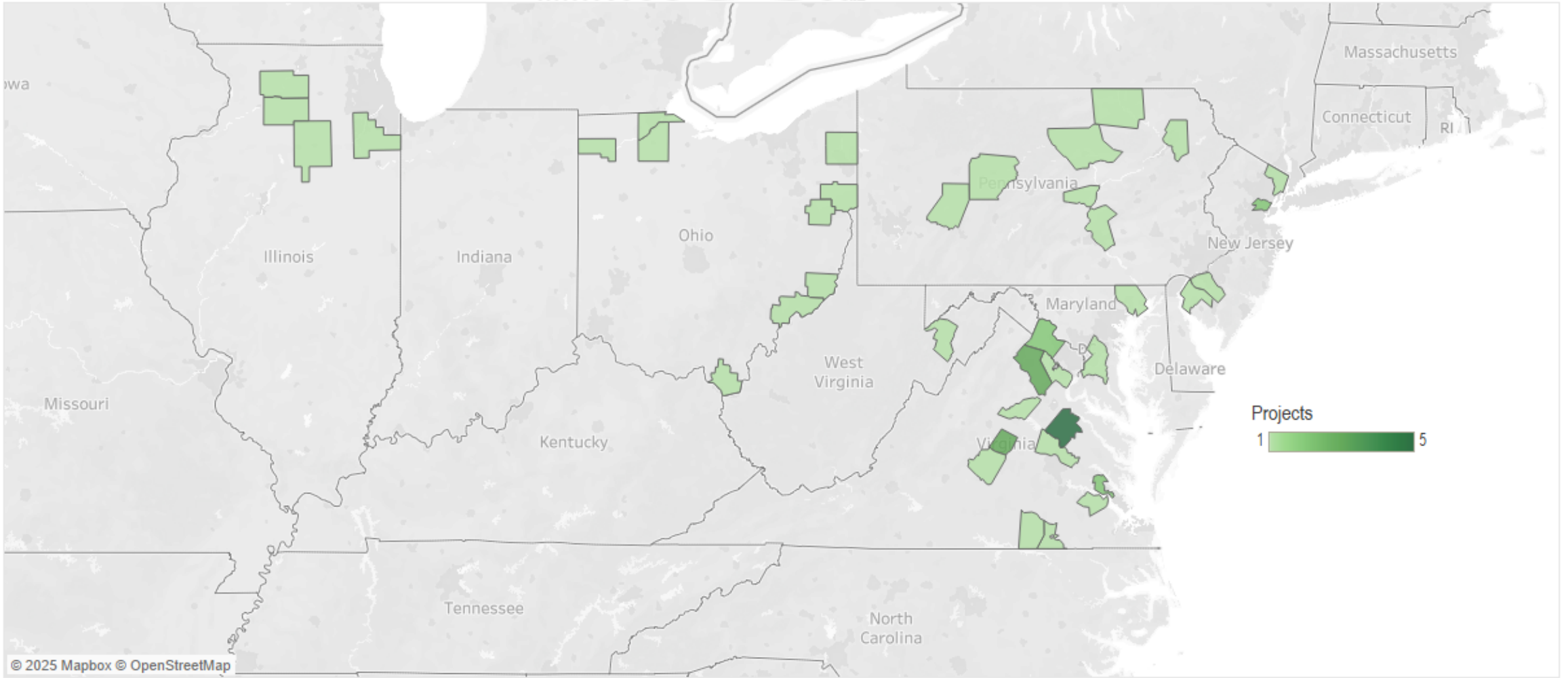


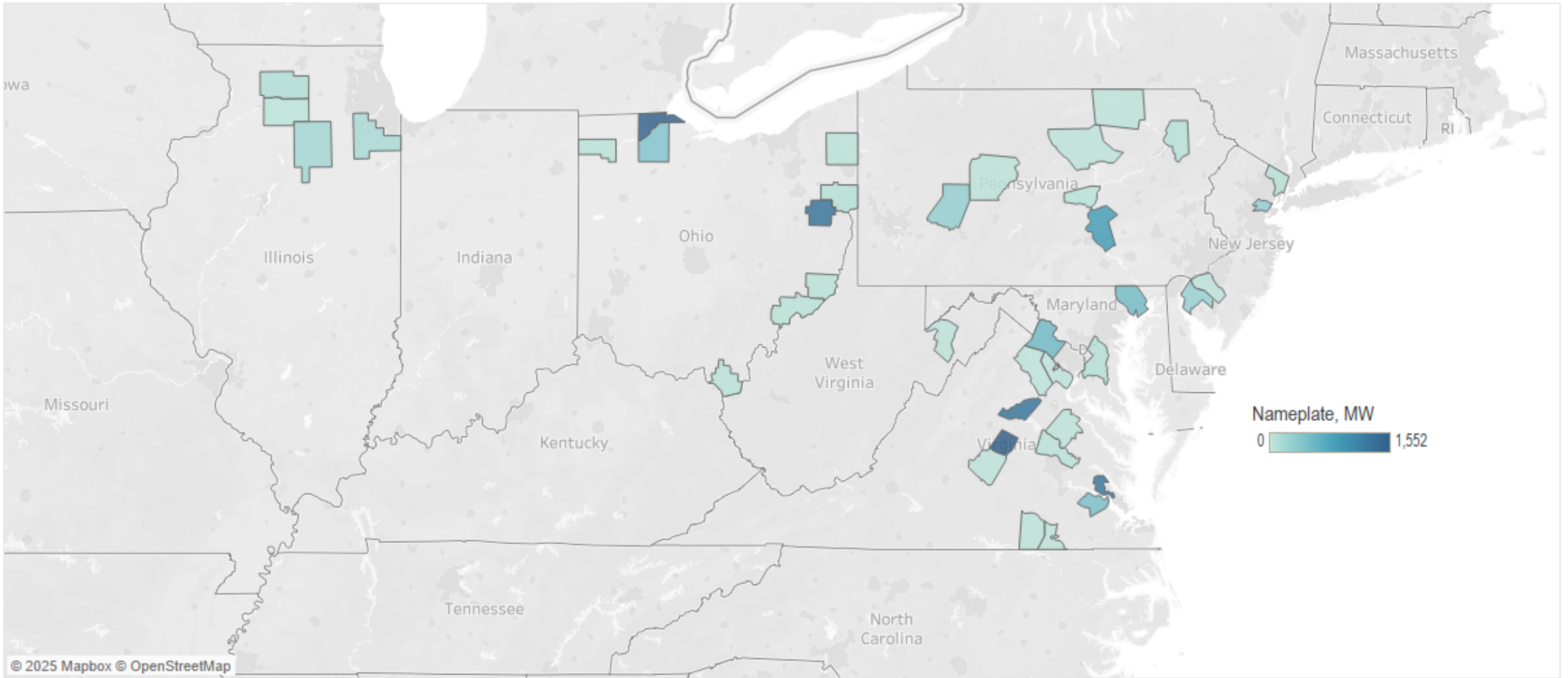
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RRI: Project Selection by TO Zone







List of Selected RRI Projects

Project ID	Name	State	County	Transmission Owner	Fuel	Type	Requested In-Service Date	MFO	MW Energy	MW Capacity
AH1-676	Gordonsville 230 kV	VA	Orange	Dominion	Natural Gas	New	2031	1294.6	1294.6	1275.9
AH1-677	Rogers Road 500 kV	VA	Greensville	Dominion	Natural Gas	Uprate	2025	1756.0	0.0	67.0
AH1-678	Heritage 500 kV	VA	Brunswick	Dominion	Natural Gas,Other,Hybrid	Uprate	2023	1525.5	0.0	34.0
AH1-679	Four Rivers 230 kV	VA	Hanover	Dominion	Natural Gas	Uprate	2028	766.0	20.0	20.0
AH1-680	Sammis - South Canton 345 kV	OH	Carroll	AEP	Natural Gas	New	2030	1300.0	1300.0	1300.0
AH1-681	Cunningham 500 kV	VA	Fluvanna	Dominion	Natural Gas	Uprate	2026	1000.0	0.0	27.3
AH1-682	Ladysmith CT 230 kV	VA	Caroline	Dominion	Natural Gas	Uprate	2027	190.0	0.0	21.0
AH1-683	Ladysmith CT 230 kV	VA	Caroline	Dominion	Natural Gas	Uprate	2027	190.0	0.0	25.0
AH1-684	Remington CT 230 kV	VA	Fauquier	Dominion	Natural Gas	Uprate	2028	190.0	0.0	23.0
AH1-685	Remington CT 230 kV	VA	Fauquier	Dominion	Natural Gas	Uprate	2028	190.0	0.0	26.0
AH1-686	Hanging Rock 765 kV	OH	Lawrence	AEP	Natural Gas	Uprate	2027	1364.0	24.0	21.0
AH1-687	Bear Garden 230kV	VA	Buckingham	Dominion	Natural Gas	Uprate	2029	682.0	0.0	51.0
AH1-690	Bay Shore - Lallendorf 345 kV	OH	Lucas	ATSI	Natural Gas	New	2031	1475.0	1475.0	1440.0
AH1-691	Ladysmith CT 230 kV	VA	Caroline	Dominion	Natural Gas	Uprate	2029	209.0	0.0	26.0
AH1-692	Ladysmith CT 230 kV	VA	Caroline	Dominion	Natural Gas	Uprate	2028	209.0	0.0	26.0
AH1-693	Remington CT 230 kV	VA	Fauquier	Dominion	Natural Gas	Uprate	2029	190.0	0.0	20.0
AH1-694	Ladysmith CT 230 kV	VA	Caroline	Dominion	Natural Gas	Uprate	2028	190.0	0.0	18.0
AH1-695	Three Mile Island 230 kV	PA	Dauphin	ME	Nuclear	New	2027	859.0	859.0	803.0
AH1-696	Possum Point 230kV	VA	Prince William	Dominion	Natural Gas	Uprate	2030	668.0	0.0	94.0
AH1-697	Lackawanna 230kV	PA	Lackawanna	PPL	Natural Gas	Uprate	2028	1522.0	39.0	78.6
AH1-698	Braidwood 345 kV	IL	Will	ComEd	Nuclear	Uprate	2027	2584.0	130.0	57.6
AH1-699	Wellsville 345 kV	OH	Columbiana	ATSI	Natural Gas	Uprate	2025	1210.0	58.0	69.0
AH1-701	Valero 69 kV	NJ	Gloucester	AEC	Natural Gas,Oil,Hybrid	Uprate	2025	61.0	0.0	20.0
AH1-702	Byron 345 kV	IL	Ogle	ComEd	Nuclear	Uprate	2026	2530.0	88.0	43.0

Project status as of May 6, 2025. Please visit the [PJM Cycle Status](#) page for updates.

Project ID	Name	State	County	Transmission Owner	Fuel	Type	Requested In-Service Date	MFO	MW Energy	MW Capacity
AH1-703	Bergen 230kV	NJ	Bergen	PSEG	Natural Gas	Uprate	2027	670.61	51.254	51.254
AH1-704	Hannibal 138 kV	OH	Monroe	AEP	Natural Gas	Uprate	2025	509.0	24.0	20.0
AH1-705	Sunbury #1 500kV	PA	Snyder	PPL	Natural Gas	Uprate	2027	1153.4	32.4	32.4
AH1-706	Lordstown 345 kV	OH	Trumbull	ATSI	Natural Gas	Uprate	2027	970.453	30.453	23.823
AH1-707	Saegers 230 kV	PA	Lycoming	PPL	Natural Gas	Uprate	2026	907.0	60.0	30.0
AH1-710	Salem 500kV	NJ	Salem	PSEG	Nuclear	Uprate	2027	2650.8	239.8	228.2
AH1-711	Lemoyne 345 kV	OH	Wood	ATSI	Natural Gas	Uprate	2030	1108.2	408.2	292.5
AH1-712	Cunningham 500 kV	VA	Fluvanna	Dominion	Natural Gas,Other,Hybrid	New	2031	776.0	776.0	611.0
AH1-713	Mt. Storm 500kV	WV	Grant	Dominion	Coal	Uprate	2030	538.0	0.0	14.0
AH1-714	Lasalle 345 kV	IL	Lasalle	ComEd	Nuclear	Uprate	2029	1360.0	169.0	174.1
AH1-715	Linden 230kV	NJ	Union	PSEG	Natural Gas	Uprate	2029	803.17	149.369	149.369
AH1-716	Surry-Skiffes Creek 500kV	VA	James City	Dominion	Storage	New	2029	650.0	650.0	650.0
AH1-717	Gravel Neck 230 kV	VA	Surry	Dominion	Natural Gas	Uprate	2031	453.0	85.0	92.7
AH1-718	Nelson 345 kV	IL	Lee	ComEd	Natural Gas	Uprate	2028	391.0	11.0	38.0
AH1-719	Beverly 345 kV	OH	Washington	AEP	Natural Gas	Uprate	2027	713.0	24.0	21.0
AH1-720	East Towanda 230 kV	PA	Bradford	PENELEC	Natural Gas	Uprate	2026	907.5	0.0	60.0
AH1-721	Laurel-Cooper 161 kV	KY		EKPC	Natural Gas	New	2030	786.0	786.0	758.9507
AH1-722	Linden 230kV	NJ	Union	PSEG	Natural Gas	Uprate	2030	806.4	158.1	158.1
AH1-723	Cunningham 500 kV	VA	Fluvanna	Dominion	Natural Gas,Other,Hybrid	New	2031	776.0	776.0	712.0
AH1-725	Conastone 500 kV	MD	Harford	BGE	Storage	New	2029	500.0	500.0	500.0
AH1-726	Surry-Skiffes Creek 500kV	VA	James City	Dominion	Storage	New	2029	600.0	600.0	600.0
AH1-727	Brambleton-Goose Creek 500kV	VA	Loudoun	Dominion	Storage	New	2029	425.0	425.0	425.0
AH1-729	Ocean Court 230 kV	VA	Loudoun	Dominion	Storage	New	2028	100.0	100.0	100.0
AH1-734	South Bend 500 kV	PA	Indiana	APS	Natural Gas	Uprate	2030	1308.4	270.3	268.6

Project status as of May 6, 2025. Please visit the [PJM Cycle Status](#) page for updates.

List of Selected RRI Projects

Project ID	Name	State	County	Transmission Owner	Fuel	Type	Requested In-Service Date	MFO	MW Energy	MW Capacity
AH1-735	Richland 138 kV	OH	Defiance	ATSI	Natural Gas	Uprate	2026	447.0	19.0	55.0
AH1-744	Cheltenham 500 kV	MD	Prince George's	PEPCO	Natural Gas	Uprate	2027	853.5	53.5	48.285
AH1-746	Madera - Westover South 115 kV	PA	Clearfield	PENELEC	Wind	Uprate	2026	109.9	0.0	20.0

Project status as of May 6, 2025. Please visit the [PJM Cycle Status](#) page for updates.

List of RRI Applications that were not selected

Project ID	Name	State	County	Transmission Owner	Fuel	Type	Requested In-Service Date	MFO	MW Energy	MW Capacity
AH1-674*		PA	Beaver	ATSI	Natural Gas	New	2028	1700.0	1700.0	1650.0
AH1-675		PA	Columbia	PPL	Natural Gas	New	2030	2175.0	2175.0	2070.0
AH1-688		PA	Columbia	PPL	Natural Gas	New	2030	1450.0	1450.0	1380.0
AH1-689		PA	Columbia	PPL	Natural Gas	New	2030	1450.0	1450.0	1380.0
AH1-700*		IL	Lee	ComEd	Natural Gas	Upgrade	2028	664.0	55.0	37.0
AH1-708		PA	Adams	ME	Natural Gas	Upgrade	2025	960.0	20.0	20.0
AH1-709	Olive-Reynolds #2 345 kV	IN	Pulaski	AEP	Storage	Upgrade	2028	200.0	0.0	80.0
AH1-724	Nottingham 138 kV	OH	Harrison	AEP	Natural Gas	New	2030	650.0	650.0	650.0
AH1-728		NC	Currituck	Dominion	Storage	New	2027	185.0	185.0	185.0
AH1-730		VA	City of Suffolk	Dominion	Storage	New	2028	100.0	100.0	100.0
AH1-731		VA	Prince Edward	Dominion	Storage	New	2028	107.0	107.0	107.0
AH1-732		VA	Prince George	Dominion	Storage	New	2028	50.0	50.0	50.0
AH1-733	Susquehanna-Mountain 230 kV	PA	Luzerne	PPL	Natural Gas	New	2031	637.8	637.8	637.8
AH1-736		MD	Baltimore County	BGE	Storage	New	2028	300.0	300.0	300.0
AH1-737*		VA	Goochland	Dominion	Storage	New	2029	200.0	200.0	200.0
AH1-738	Burches Hill - Chalk Point 500 kV	MD	Prince George's	PEPCO	Storage	New	2029	200.0	200.0	200.0
AH1-739		MD	Dorchester	DPL	Storage	Upgrade	2028	70.0	20.0	20.0
AH1-740	Sullivan-Dequine 345 kV	IN	Vermillion	AEP	Natural Gas	New	2031	770.0	770.0	707.0
AH1-741		VA	Prince William	Dominion	Natural Gas	New	2030	115.0	115.0	97.0
AH1-742	Delaware-Royerton 138 kV	IN	Delaware	AEP	Storage	Upgrade	2029	140.0	0.0	20.0
AH1-743		VA	Shenandoah	APS	Natural Gas	New	2029	333.78	333.78	255.0
AH1-745	Eugene-Sullivan 345 kV	IN	Vermillion	AEP	Natural Gas	New	2031	770.0	770.0	707.0
AH1-747		VA	Warren	Dominion	Storage	New	2029	300.0	300.0	300.0
AH1-748		OH	Cuyahoga	ATSI	Biomass	New	2025	3.2	3.2	3.2

* Project withdrew before scoring

Project status as of May 6, 2025. Please visit the [PJM Cycle Status](#) page for updates.

List of RRI Applications that were not selected

Project ID	Name	State	County	Transmission Owner	Fuel	Type	Requested In-Service Date	MFO	MW Energy	MW Capacity
AH1-749		KY		EKPC	Natural Gas	New	2028	216.0	216.0	216.0
AH1-750		VA	Prince Edward	Dominion	Storage	New	2029	100.0	100.0	100.0
AH1-751		KY	Green	EKPC	Storage	Upgrade	2029	300.0	150.0	150.0
AH1-752		OH	Stark	AEP	Storage	New	2029	400.0	400.0	400.0
AH1-753		WV	Marshall	AEP	Natural Gas	New	2019	455.0	455.0	396.0
AH1-754		OH	Muskingum	AEP	Storage	New	2029	500.0	500.0	500.0
AH1-755		IL	Livingston	ComEd	Solar,Storage,Hybrid	New	2029	330.0	330.0	330.0
AH1-756		KY	Mason	Duke	Storage	Upgrade	2030	500.0	250.0	250.0
AH1-757		OH	Union	AEP	Storage	New	2029	500.0	500.0	500.0
AH1-758		OH	Adams	AEP	Storage	New	2029	500.0	500.0	500.0
AH1-759		MD	Montgomery	APS	Storage	New	2029	600.0	600.0	600.0
AH1-760		DE	Kent	DPL	Storage	Upgrade	2028	50.0	0.0	31.0
AH1-761		DE	New Castle	DPL	Storage	Upgrade	2029	134.3	0.0	71.0
AH1-762		IL	Will	ComEd	Storage	New	2028	225.0	225.0	225.0
AH1-763		IL	Will	ComEd	Storage	New	2028	100.0	100.0	100.0
AH1-764		OH	Williams	ATSI	Solar,Storage,Hybrid	New	2029	148.0	148.0	148.0
AH1-765		OH	Morrow	ATSI	Storage	New	2029	205.0	205.0	205.0
AH1-766		OH	Highland	AEP	Storage	New	2029	205.0	205.0	205.0
AH1-767		OH	Hardin	AEP	Storage	New	2028	140.0	140.0	140.0
AH1-768		IN	Blackford	AEP	Storage	New	2029	110.0	110.0	110.0
AH1-769		IL	Putnam	ComEd	Solar,Storage,Hybrid	New	2028	105.0	105.0	101.2
AH1-770		OH	Defiance	AEP	Solar	New	2028	184.0	184.0	12.88

Project status as of May 6, 2025. Please visit the [PJM Cycle Status](#) page for updates.

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Reliability Resource Initiative



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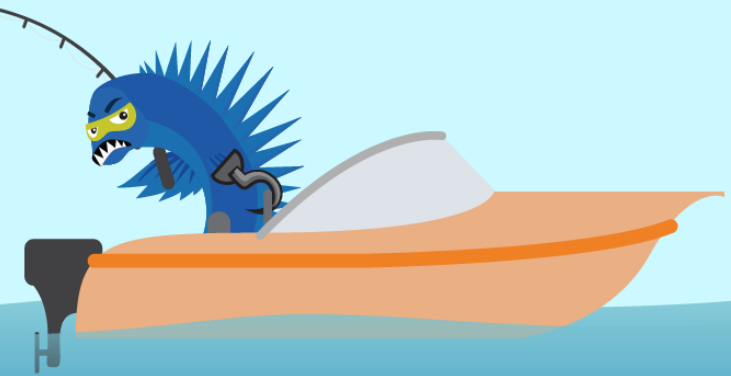
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