



341 White Pond Drive
Akron, OH 44320

Angelina Umstead, Esq.
(610) 921-6202
(330) 315-9263 (Fax)

May 26, 2026

VIA ELECTRONIC FILING:

Matthew Homsher, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120

Re: Electric Load Forecast Accountability;
Docket No. M-2025-3058814

Dear Secretary Homsher:

Enclosed for filing please find a public version of FirstEnergy Pennsylvania Electric Company's ("FE PA") load forecast for FE PA and each of the rate districts.

Should you have any questions or concerns regarding this information, please feel free to contact me.

Very truly yours,

Angelina Umstead

AU/mlr
Enclosures

cc: Jennifer Berrier, OED
Kelly Monaghan, OED
Daniel Mumford, OCMO
Paul Diskin, TUS
Darren Gill, TUS
David Screven, LAW
Elizabeth Barnes, LAW
Kriss Brown, LAW

Year	Forecast Energy Demand (MWh)					TOTAL	Forecast Impacts from Select Sectors (MWh)			Electric Vehicles	Net Metering
	Residential	Commercial	Industrial	Other	Resale		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth		
2026	18,999,531	10,777,992	20,796,220	86,176	4,198,934	54,858,853		(1,017,560)	25,135	266,707	(1,284,267)
2027	19,231,529	10,756,432	20,765,690	86,423	4,199,255	55,039,329		(1,017,549)	25,135	405,374	(1,422,923)
2028	19,508,597	10,802,960	20,758,521	86,681	4,202,815	55,359,574		(973,553)	25,204	582,097	(1,555,651)
2029	19,686,004	10,833,325	20,725,725	86,951	4,197,303	55,529,308		(890,099)	25,135	797,475	(1,687,574)
2030	19,928,182	10,907,969	20,657,606	87,233	4,197,523	55,778,514		(761,588)	25,135	1,065,028	(1,826,615)
2031	20,175,317	11,021,680	20,580,527	87,527	4,198,091	56,063,142		(570,800)	25,135	1,392,582	(1,963,382)
2032	20,464,750	11,216,090	20,506,575	87,833	4,202,392	56,477,640		(302,369)	25,204	1,798,205	(2,100,574)
2033	20,692,048	11,462,707	20,442,127	88,151	4,198,251	56,883,283		97,200	25,135	2,319,547	(2,222,347)
2034	20,982,189	11,856,447	20,392,328	88,481	4,197,636	57,517,081		639,046	25,135	2,979,223	(2,340,176)
2035	21,304,633	12,363,934	20,359,349	88,824	4,197,554	58,314,292		1,314,206	25,135	3,764,958	(2,450,753)
2036	21,700,622	12,971,861	20,338,430	89,179	4,202,228	59,302,320		2,069,662	25,204	4,625,898	(2,556,236)
2037	22,020,072	13,548,021	20,317,754	89,547	4,197,634	60,173,028		2,867,168	25,135	5,508,004	(2,640,836)
2038	22,399,681	14,149,942	20,294,337	89,927	4,197,224	61,131,111		3,669,269	25,135	6,394,768	(2,725,499)
2039	22,780,510	14,741,741	20,273,466	90,320	4,196,616	62,082,654		4,466,324	25,135	7,271,967	(2,805,643)
2040	23,218,035	15,348,417	20,249,777	90,726	4,200,872	63,107,828		5,252,833	25,204	8,129,179	(2,876,346)
2041	23,568,704	15,896,980	20,227,492	91,146	4,196,515	63,980,838		6,038,558	25,135	8,961,814	(2,923,255)
2042	23,990,575	16,459,081	20,198,432	91,469	4,196,605	64,936,161		6,793,667	25,135	9,771,654	(2,977,987)
2043	24,418,594	17,023,904	20,164,899	91,781	4,196,592	65,895,769		7,543,369	25,135	10,577,583	(3,034,215)
2044	24,918,011	17,617,182	20,130,355	92,076	4,201,166	66,958,791		8,288,503	25,204	11,385,646	(3,097,143)
2045	25,316,180	18,155,195	20,097,463	92,348	4,197,254	67,858,439		9,028,841	25,135	12,173,854	(3,145,013)
2046	25,753,222	18,666,286	20,041,587	92,590	4,198,081	68,751,766		9,644,144	25,135	12,919,484	(3,275,340)

Year	Forecast Peak Load (MW)				TOTAL	Forecast Peak Load Impacts from Select Sectors (MW)		
	Summer	Winter	Annual	Annual Load Factor		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth
2026	10,412	9,851	10,412	0.60			0	9.5
2027	10,453	9,889	10,453	0.60			0	9.5
2028	10,505	9,895	10,505	0.60			0	9.5
2029	10,550	9,973	10,550	0.60			0	9.5
2030	10,599	9,980	10,599	0.60			0	9.5
2031	10,654	10,043	10,654	0.60			0	9.5
2032	10,725	10,083	10,725	0.60			0	9.5
2033	10,820	10,174	10,820	0.60			0	9.5
2034	10,945	10,252	10,945	0.60			0	9.5
2035	11,101	10,384	11,101	0.60			0	9.5
2036	11,192	10,454	11,192	0.60			0	9.5
2037	11,288	10,530	11,288	0.61			0	9.5
2038	11,384	10,602	11,384	0.61			0	9.5
2039	11,474	10,674	11,474	0.62			0	9.5
2040	11,550	10,733	11,550	0.62			0	9.5
2041	11,623	10,790	11,623	0.63			0	9.5
2042	11,691	10,842	11,691	0.63			0	9.5
2043	11,754	10,891	11,754	0.64			0	9.5
2044	11,811	10,935	11,811	0.65			0	9.5
2045	11,863	10,976	11,863	0.65			0	9.5
2046	11,912	11,013	11,912	0.66			0	9.5

Year	Forecast Energy Demand (MWh)					TOTAL	Forecast Impacts from Select Sectors (MWh)			Electric Vehicles	Net Metering
	Residential	Commercial	Industrial	Other	Resale		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth		
2026	5,864,643	2,913,759	5,343,378	28,639	531,668	14,682,088		(316,108)		92683.60281	-408791.1458
2027	5,929,208	2,909,740	5,346,648	28,782	530,110	14,744,488		(327,158)		136022.3927	-463180.3652
2028	6,009,984	2,917,647	5,351,840	28,933	529,371	14,837,774		(321,243)		189381.2812	-510624.1535
2029	6,069,141	2,923,565	5,346,689	29,091	526,774	14,895,260		(306,473)		252733.6607	-559206.9626
2030	6,140,667	2,938,067	5,330,594	29,258	525,114	14,963,700		(281,898)		329371.8532	-611269.6808
2031	6,211,957	2,962,831	5,310,010	29,433	523,428	15,037,659		(241,963)		421204.1727	-663167.1863
2032	6,292,045	3,007,484	5,287,774	29,615	522,583	15,139,500		(182,197)		532741.1467	-714938.428
2033	6,359,531	3,070,580	5,268,485	29,806	520,108	15,248,511		(88,414)		673341.6573	-761756.0564
2034	6,441,040	3,168,093	5,252,604	30,005	518,605	15,410,346		41,544		848561.0224	-807017.0215
2035	6,528,403	3,295,128	5,241,447	30,212	517,223	15,612,413		205,401		1055284.784	-849883.529
2036	6,631,442	3,445,079	5,235,159	30,421	516,817	15,858,918		389,941		1280685.703	-890744.7767
2037	6,717,012	3,592,950	5,230,682	30,624	514,647	16,085,916		586,362		1511095.797	-924733.4787
2038	6,815,561	3,743,368	5,225,815	30,833	513,426	16,329,003		783,503		1742310.505	-958807.0917
2039	6,914,582	3,892,569	5,222,871	31,046	512,204	16,573,273		979,404		1970761.701	-991357.2642
2040	7,027,244	4,041,321	5,220,235	31,265	511,913	16,831,979		1,176,196		2193811.122	-1017615.263
2041	7,121,862	4,181,165	5,222,006	31,490	509,847	17,066,370		1,376,976		2410294.585	-1033318.947
2042	7,230,465	4,321,555	5,223,113	31,681	508,790	17,315,603		1,568,497		2620661.288	-1052164.624
2043	7,338,823	4,462,410	5,224,026	31,870	507,782	17,564,911		1,757,283		2829715.148	-1072431.97
2044	7,460,955	4,607,142	5,225,411	32,053	507,781	17,833,343		1,943,990		3039058.816	-1095068.716
2045	7,559,528	4,742,135	5,227,833	32,229	505,954	18,067,679		2,130,157		3243117.578	-1112960.314
2046	7,658,057	4,867,164	5,221,651	32,380	505,107	18,284,360		2,273,902		3436099.402	-1162197.795

Year	Forecast Peak Load (MW)				TOTAL	Forecast Peak Load Impacts from Select Sectors (MW)		
	Summer	Winter	Annual	Annual Load Factor		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth
2026	2,963	2,661	2,963	0.57				
2027	2,976	2,666	2,976	0.57				
2028	2,991	2,678	2,991	0.57				
2029	3,008	2,692	3,008	0.57				
2030	3,022	2,701	3,022	0.57				
2031	3,037	2,713	3,037	0.57				
2032	3,054	2,726	3,054	0.57				
2033	3,082	2,746	3,082	0.56				
2034	3,115	2,770	3,115	0.56				
2035	3,157	2,802	3,157	0.56				
2036	3,181	2,821	3,181	0.57				
2037	3,207	2,840	3,207	0.57				
2038	3,232	2,859	3,232	0.58				
2039	3,256	2,878	3,256	0.58				
2040	3,276	2,894	3,276	0.59				
2041	3,295	2,908	3,295	0.59				
2042	3,313	2,922	3,313	0.60				
2043	3,329	2,934	3,329	0.60				
2044	3,344	2,946	3,344	0.61				
2045	3,357	2,956	3,357	0.61				
2046	3,369	2,966	3,369	0.62				

Year	Forecast Energy Demand (MWh)					TOTAL	Forecast Impacts from Select Sectors (MWh)			Electric Vehicles	Net Metering
	Residential	Commercial	Industrial	Other	Resale		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth		
2026	4,299,021	3,272,224	5,268,818	32,621	2,751,963	15,624,647		(621,294)	25,135	51,513	(672,807)
2027	4,333,701	3,267,234	5,203,576	32,694	2,755,182	15,592,387		(634,099)	25,135	85,455	(719,554)
2028	4,377,092	3,281,806	5,145,884	32,769	2,760,879	15,598,430		(635,339)	25,204	131,177	(766,516)
2029	4,401,613	3,290,949	5,091,195	32,847	2,759,708	15,576,312		(619,571)	25,135	189,189	(808,760)
2030	4,441,018	3,315,184	5,036,568	32,927	2,762,019	15,587,715		(588,073)	25,135	264,004	(852,076)
2031	4,483,480	3,352,531	4,987,939	33,010	2,764,345	15,621,304		(534,534)	25,135	358,324	(892,858)
2032	4,537,241	3,416,105	4,944,170	33,096	2,769,812	15,700,423		(454,588)	25,204	478,168	(932,756)
2033	4,578,503	3,497,023	4,911,329	33,185	2,769,282	15,789,322		(328,821)	25,135	636,046	(964,867)
2034	4,632,142	3,625,670	4,888,184	33,276	2,772,098	15,951,370		(156,250)	25,135	839,578	(995,828)
2035	4,692,017	3,790,982	4,872,865	33,370	2,775,417	16,164,651		60,832	25,135	1,084,772	(1,023,941)
2036	4,767,320	3,987,792	4,859,561	33,470	2,782,359	16,430,502		303,765	25,204	1,354,948	(1,051,183)
2037	4,828,598	4,174,362	4,852,211	33,579	2,783,099	16,671,849		562,007	25,135	1,632,420	(1,070,413)
2038	4,901,911	4,369,259	4,843,228	33,693	2,787,190	16,935,281		821,420	25,135	1,911,855	(1,090,435)
2039	4,976,109	4,560,822	4,835,245	33,811	2,791,219	17,197,207		1,079,688	25,135	2,188,592	(1,108,903)
2040	5,062,013	4,756,400	4,825,831	33,934	2,798,617	17,476,795		1,334,082	25,204	2,459,225	(1,125,143)
2041	5,131,209	4,932,725	4,821,202	34,061	2,799,654	17,718,851		1,590,037	25,135	2,722,252	(1,132,215)
2042	5,213,915	5,112,992	4,813,002	34,152	2,804,408	17,978,469		1,836,031	25,135	2,978,266	(1,142,235)
2043	5,297,317	5,293,867	4,803,514	34,238	2,809,385	18,238,322		2,080,745	25,135	3,233,383	(1,152,637)
2044	5,394,131	5,483,786	4,791,616	34,318	2,818,148	18,521,998		2,323,846	25,204	3,489,447	(1,165,601)
2045	5,471,212	5,655,290	4,783,711	34,389	2,820,422	18,765,023		2,566,802	25,135	3,739,327	(1,172,525)
2046	5,553,142	5,820,509	4,765,373	34,455	2,826,388	18,999,868		2,772,651	25,135	3,975,702	(1,203,051)

Year	Forecast Peak Load (MW)				TOTAL	Forecast Peak Load Impacts from Select Sectors (MW)		
	Summer	Winter	Annual	Annual Load Factor		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth
2026	2,862	2,731	2,862	0.62				
2027	2,857	2,718	2,857	0.62				
2028	2,851	2,713	2,851	0.62				
2029	2,854	2,714	2,854	0.62				
2030	2,855	2,710	2,855	0.62				
2031	2,861	2,713	2,861	0.62				
2032	2,869	2,720	2,869	0.62				
2033	2,893	2,736	2,893	0.62				
2034	2,924	2,756	2,924	0.62				
2035	2,964	2,789	2,964	0.62				
2036	2,985	2,804	2,985	0.63				
2037	3,007	2,821	3,007	0.63				
2038	3,029	2,838	3,029	0.64				
2039	3,049	2,853	3,049	0.64				
2040	3,065	2,866	3,065	0.65				
2041	3,081	2,878	3,081	0.66				
2042	3,096	2,888	3,096	0.66				
2043	3,108	2,898	3,108	0.67				
2044	3,120	2,906	3,120	0.68				
2045	3,130	2,914	3,130	0.68				
2046	3,139	2,921	3,139	0.69				

Year	Forecast Energy Demand (MWh)					TOTAL	Forecast Impacts from Select Sectors (MWh)			Electric Vehicles	Net Metering
	Residential	Commercial	Industrial	Other	Resale		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth		
2026	1,679,503	900,504	1,972,925	3,259	168,491	4,724,681		(34,814)		21,047	(55,861)
2027	1,708,802	894,792	1,980,523	3,266	167,131	4,754,514		(36,809)		32,072	(68,880)
2028	1,742,179	893,891	2,003,978	3,272	165,583	4,808,903		(35,757)		46,210	(81,968)
2029	1,763,059	892,243	2,024,801	3,279	163,968	4,847,350		(31,550)		63,480	(95,030)
2030	1,791,668	894,159	2,038,368	3,286	163,526	4,891,006		(23,285)		84,959	(108,244)
2031	1,820,983	899,070	2,047,744	3,292	163,442	4,934,530		(10,420)		111,252	(121,672)
2032	1,855,215	909,149	2,055,257	3,299	162,974	4,985,894		7,325		143,782	(136,457)
2033	1,881,646	923,986	2,058,480	3,306	161,960	5,029,378		34,951		185,541	(150,590)
2034	1,915,003	950,064	2,056,651	3,313	160,015	5,085,046		74,200		238,321	(164,121)
2035	1,952,106	985,570	2,053,623	3,320	157,971	5,152,590		124,318		301,136	(176,818)
2036	1,997,877	1,028,500	2,053,785	3,327	155,946	5,239,435		180,205		369,963	(189,757)
2037	2,034,241	1,069,512	2,054,064	3,337	152,884	5,314,038		238,281		440,521	(202,241)
2038	2,077,161	1,111,540	2,054,091	3,346	149,569	5,395,707		296,056		511,492	(215,437)
2039	2,120,282	1,153,151	2,053,500	3,356	146,121	5,476,410		353,374		581,741	(228,367)
2040	2,170,090	1,195,270	2,051,186	3,367	143,102	5,563,015		409,226		650,437	(241,211)
2041	2,209,217	1,233,428	2,045,947	3,378	139,872	5,631,841		464,032		717,211	(253,179)
2042	2,257,229	1,272,177	2,039,830	3,385	136,222	5,708,843		516,773		782,201	(265,429)
2043	2,306,686	1,311,531	2,032,896	3,392	132,194	5,786,698		569,946		846,910	(276,964)
2044	2,365,060	1,352,187	2,026,626	3,398	127,823	5,875,094		622,465		911,822	(289,357)
2045	2,412,334	1,389,805	2,020,389	3,404	123,542	5,949,474		675,169		975,173	(300,004)
2046	2,465,444	1,420,131	2,013,533	3,408	119,191	6,021,708		714,170		1,035,138	(320,968)

Year	Forecast Peak Load (MW)				TOTAL	Forecast Peak Load Impacts from Select Sectors (MW)		
	Summer	Winter	Annual	Annual Load Factor		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth
2026	936	849	936	0.58				
2027	945	847	945	0.57				
2028	956	855	956	0.57				
2029	965	863	965	0.57				
2030	973	870	973	0.57				
2031	982	877	982	0.57				
2032	993	885	993	0.57				
2033	1,002	894	1,002	0.57				
2034	1,014	902	1,014	0.57				
2035	1,028	913	1,028	0.57				
2036	1,037	920	1,037	0.58				
2037	1,047	928	1,047	0.58				
2038	1,057	936	1,057	0.58				
2039	1,066	943	1,066	0.59				
2040	1,074	950	1,074	0.59				
2041	1,081	956	1,081	0.59				
2042	1,089	962	1,089	0.60				
2043	1,095	967	1,095	0.60				
2044	1,102	972	1,102	0.61				
2045	1,107	977	1,107	0.61				
2046	1,113	982	1,113	0.62				

Year	Forecast Energy Demand (MWh)					TOTAL	Forecast Impacts from Select Sectors (MWh)			Electric Vehicles	Net Metering
	Residential	Commercial	Industrial	Other	Resale		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth		
2026	7,156,365	3,691,505	8,211,100	21,656	746,812	19,827,438		(45,345)		101,463	(146,808)
2027	7,259,818	3,684,665	8,234,943	21,681	746,833	19,947,939		(19,483)		151,825	(171,308)
2028	7,379,342	3,709,616	8,256,819	21,707	746,982	20,114,467		18,787		215,329	(196,543)
2029	7,452,191	3,726,568	8,263,040	21,734	746,854	20,210,386		67,495		292,072	(224,577)
2030	7,554,829	3,760,559	8,252,077	21,762	746,865	20,336,092		131,668		386,693	(255,026)
2031	7,658,897	3,807,249	8,234,834	21,792	746,876	20,469,648		216,117		501,801	(285,684)
2032	7,780,250	3,883,352	8,219,374	21,823	747,023	20,651,822		327,091		643,514	(316,423)
2033	7,872,367	3,971,117	8,203,833	21,855	746,901	20,816,073		479,484		824,618	(345,133)
2034	7,994,004	4,112,620	8,194,889	21,888	746,918	21,070,319		679,552		1,052,762	(373,210)
2035	8,132,106	4,292,254	8,191,413	21,923	746,942	21,384,639		923,655		1,323,765	(400,110)
2036	8,303,982	4,510,491	8,189,925	21,961	747,106	21,773,465		1,195,751		1,620,302	(424,551)
2037	8,440,221	4,711,197	8,180,798	22,006	747,004	22,101,226		1,480,519		1,923,968	(443,449)
2038	8,605,048	4,925,775	8,171,202	22,055	747,039	22,471,120		1,768,290		2,229,110	(460,820)
2039	8,769,537	5,135,199	8,161,850	22,106	747,072	22,835,764		2,053,857		2,530,872	(477,015)
2040	8,958,688	5,355,427	8,152,524	22,160	747,240	23,236,040		2,333,330		2,825,706	(492,376)
2041	9,106,416	5,549,663	8,138,337	22,217	747,143	23,563,776		2,607,513		3,112,056	(504,543)
2042	9,288,966	5,752,357	8,122,487	22,250	747,185	23,933,246		2,872,367		3,390,526	(518,159)
2043	9,475,768	5,956,095	8,104,464	22,280	747,231	24,305,838		3,135,394		3,667,575	(532,181)
2044	9,697,865	6,174,067	8,086,703	22,306	747,415	24,728,356		3,398,201		3,945,318	(547,117)
2045	9,873,105	6,367,965	8,065,531	22,326	747,336	25,076,263		3,656,714		4,216,237	(559,524)
2046	10,076,579	6,558,482	8,041,029	22,346	747,395	25,445,831		3,883,421		4,472,544	(589,124)

Year	Forecast Peak Load (MW)				TOTAL	Forecast Peak Load Impacts from Select Sectors (MW)		
	Summer	Winter	Annual	Annual Load Factor		Data Centers	Electrification Impacts, e.g., EV, Solar, Heating, etc.	Industrial/Manufacturing Growth
2026	3,650	3,611	3,650	0.62				
2027	3,674	3,659	3,674	0.62				
2028	3,706	3,649	3,706	0.62				
2029	3,724	3,704	3,724	0.62				
2030	3,748	3,699	3,748	0.62				
2031	3,774	3,741	3,774	0.62				
2032	3,810	3,752	3,810	0.62				
2033	3,843	3,798	3,843	0.62				
2034	3,892	3,823	3,892	0.62				
2035	3,953	3,880	3,953	0.62				
2036	3,990	3,909	3,990	0.62				
2037	4,028	3,940	4,028	0.63				
2038	4,067	3,970	4,067	0.63				
2039	4,103	3,999	4,103	0.64				
2040	4,135	4,024	4,135	0.64				
2041	4,165	4,048	4,165	0.65				
2042	4,194	4,070	4,194	0.65				
2043	4,221	4,091	4,221	0.66				
2044	4,246	4,110	4,246	0.66				
2045	4,269	4,128	4,269	0.67				
2046	4,291	4,145	4,291	0.68				