



AEPS Annual Report Overview

Compliance Year 2020



AEPS Tier Obligations

AEPS Requirements by Reporting Year*				
Reporting Year	Time Period	Tier I (includes solar)	Solar PV	Tier II
1	2/28/07 - 5/31/07	1.50%	0.00%	4.20%
2	6/1/07 - 5/31/08	1.50%	0.00%	4.20%
3	6/1/08 - 5/31/09	2.00%	0.01%	4.20%
4	6/1/09 - 5/31/10	2.50%	0.01%	4.20%
5	6/1/10 - 5/31/11	3.00%	0.02%	6.20%
6	6/1/11 - 5/31/12	3.50%	0.03%	6.20%
7	6/1/12 - 5/31/13	4.00%	0.05%	6.20%
8	6/1/13 - 5/31/14	4.50%	0.08%	6.20%
9	6/1/14 - 5/31/15	5.00%	0.14%	6.20%
10	6/1/15 - 5/31/16	5.50%	0.25%	8.20%
11	6/1/16 - 5/31/17	6.00%	0.29%	8.20%
12	6/1/17 - 5/31/18	6.50%	0.34%	8.20%
13	6/1/18 - 5/31/19	7.00%	0.39%	8.20%
14	6/1/19 - 5/31/20	7.50%	0.44%	8.20%
15	6/1/20 - 5/31/21	8.00%	0.50%	10.00%

* Percent of Total Electric Sales



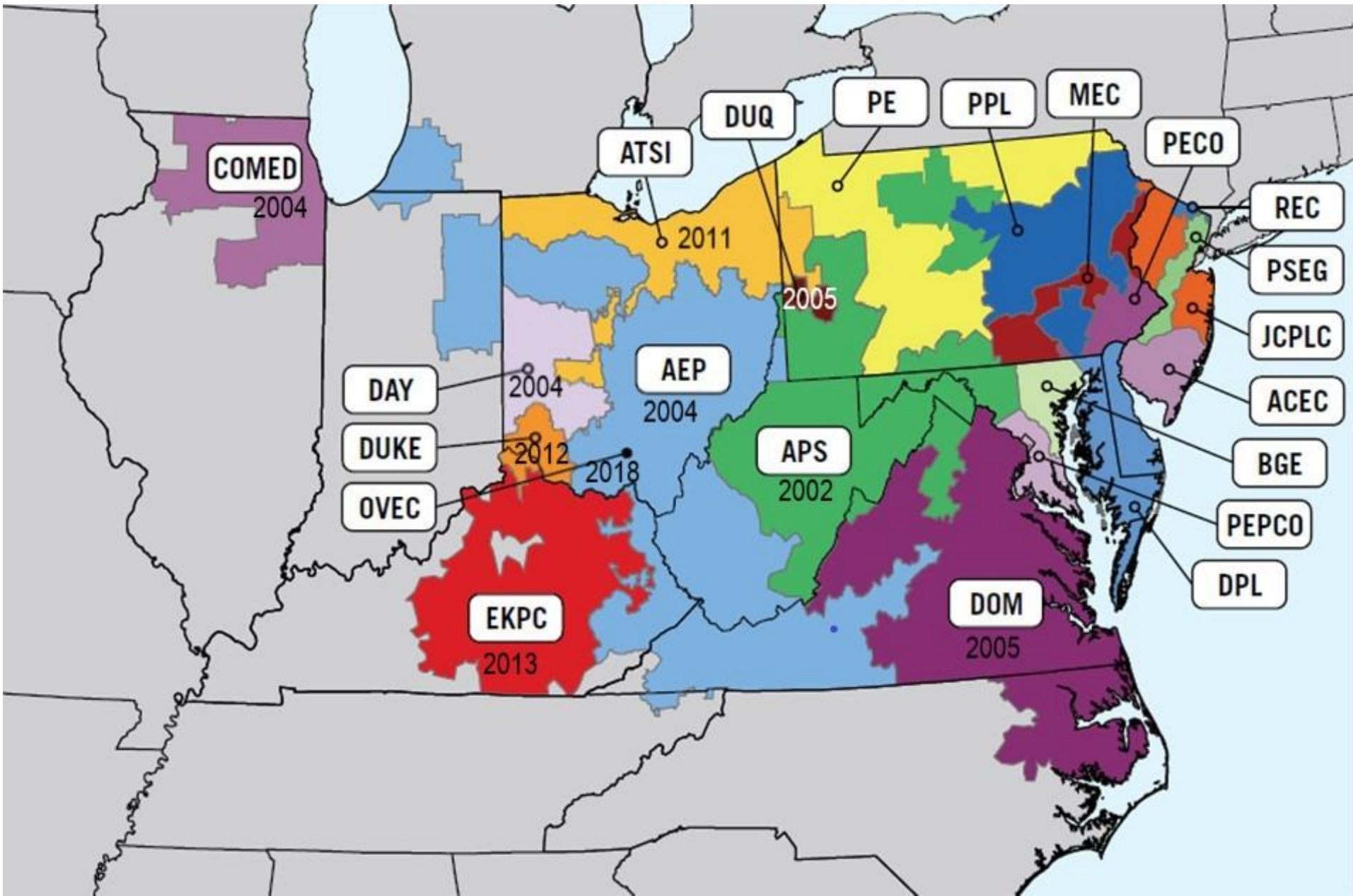
Compliance by Tier - 2020

Tier	Credits Required	Credits Retired	Credit Shortfall (ACPs Req.)	Weighted Average Credit Price	Purchase Cost of Retired Credits
Solar	616,361	614,926	1,435	\$37.00	\$22,593,048.12
I	10,120,783	10,086,046	34,737	\$7.87	\$78,658,825.46
II	11,240,632	11,203,559	37,073	\$1.92	\$21,280,631.03

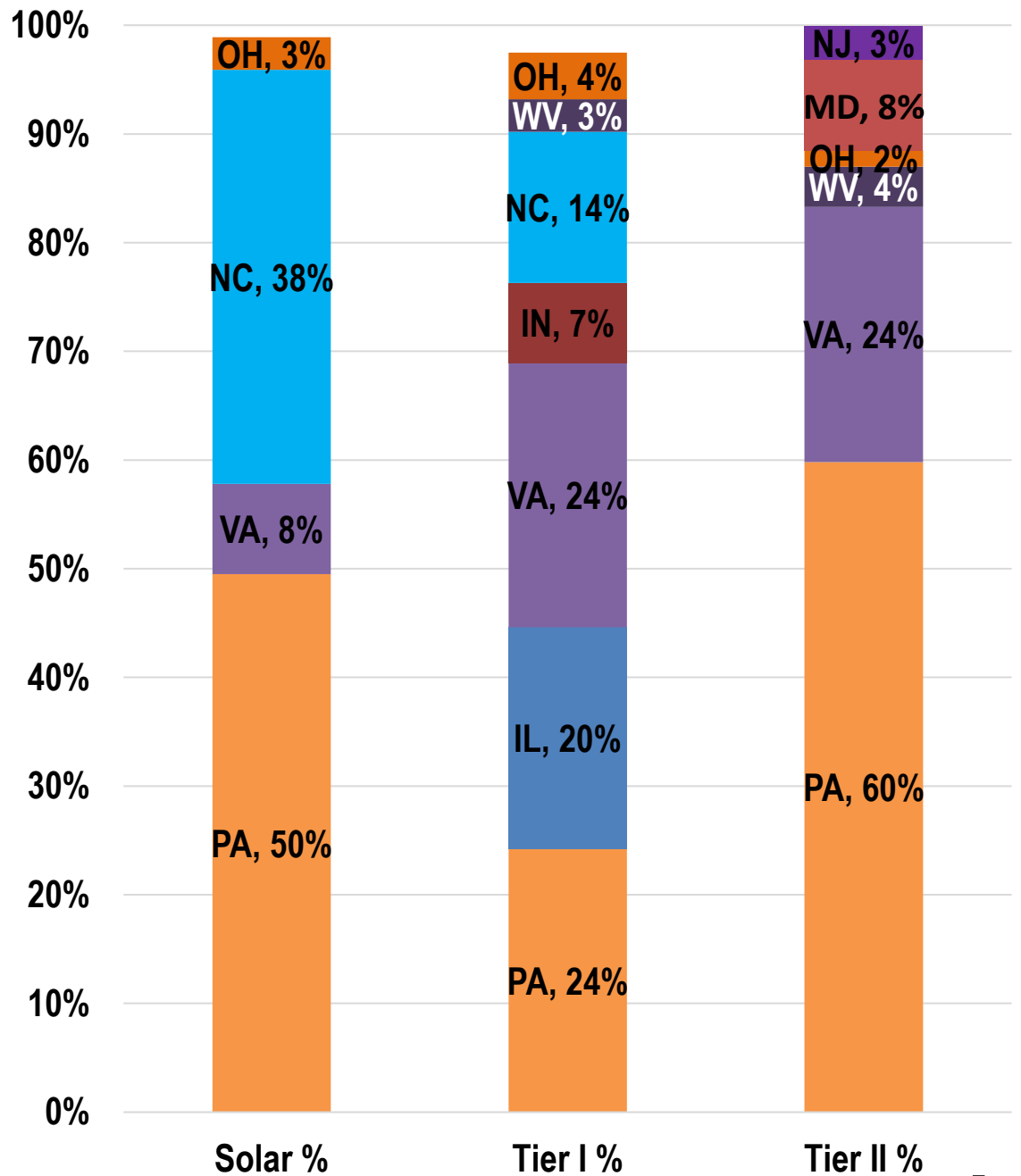
Based on retail load of 136,458,735 MWh from all 10 EDCs.

Total credit purchase cost: \$122,532,504.61 (~\$0.01 per \$1 spent on electric service)

PJM: THEN AND NOW



Retired Credits by State

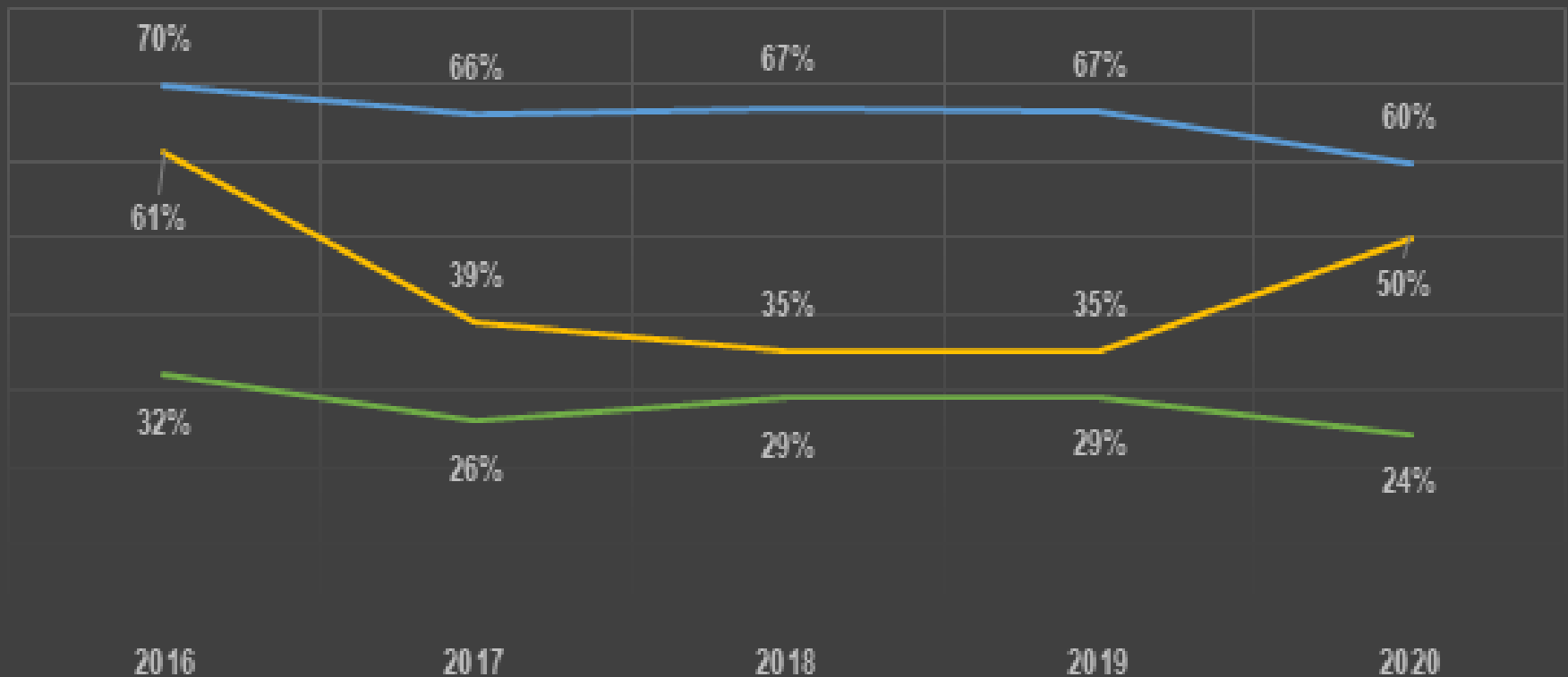




In-State vs. Out-of-State: 2016 - 2020

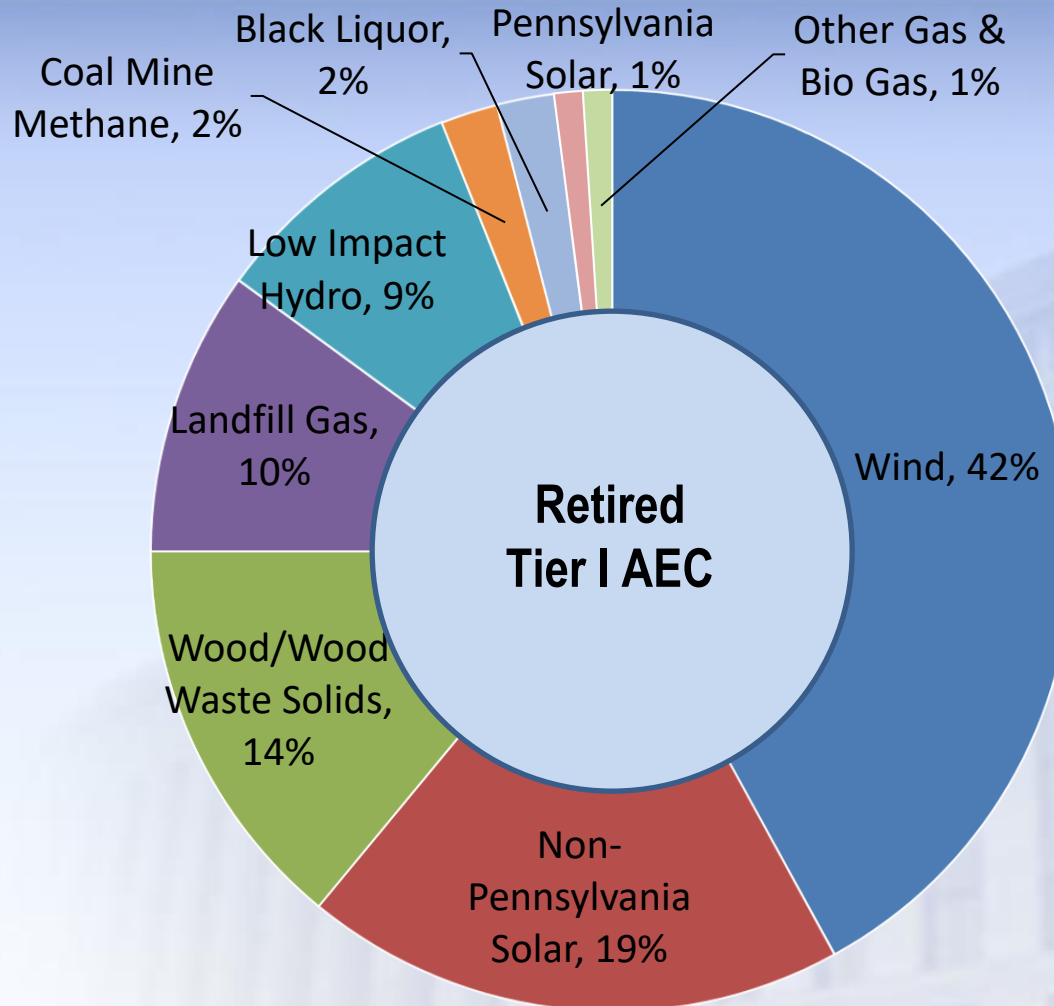
Percentage of Retired Alternative Energy Credits that Originated in Pennsylvania

Solar Tier I Tier II



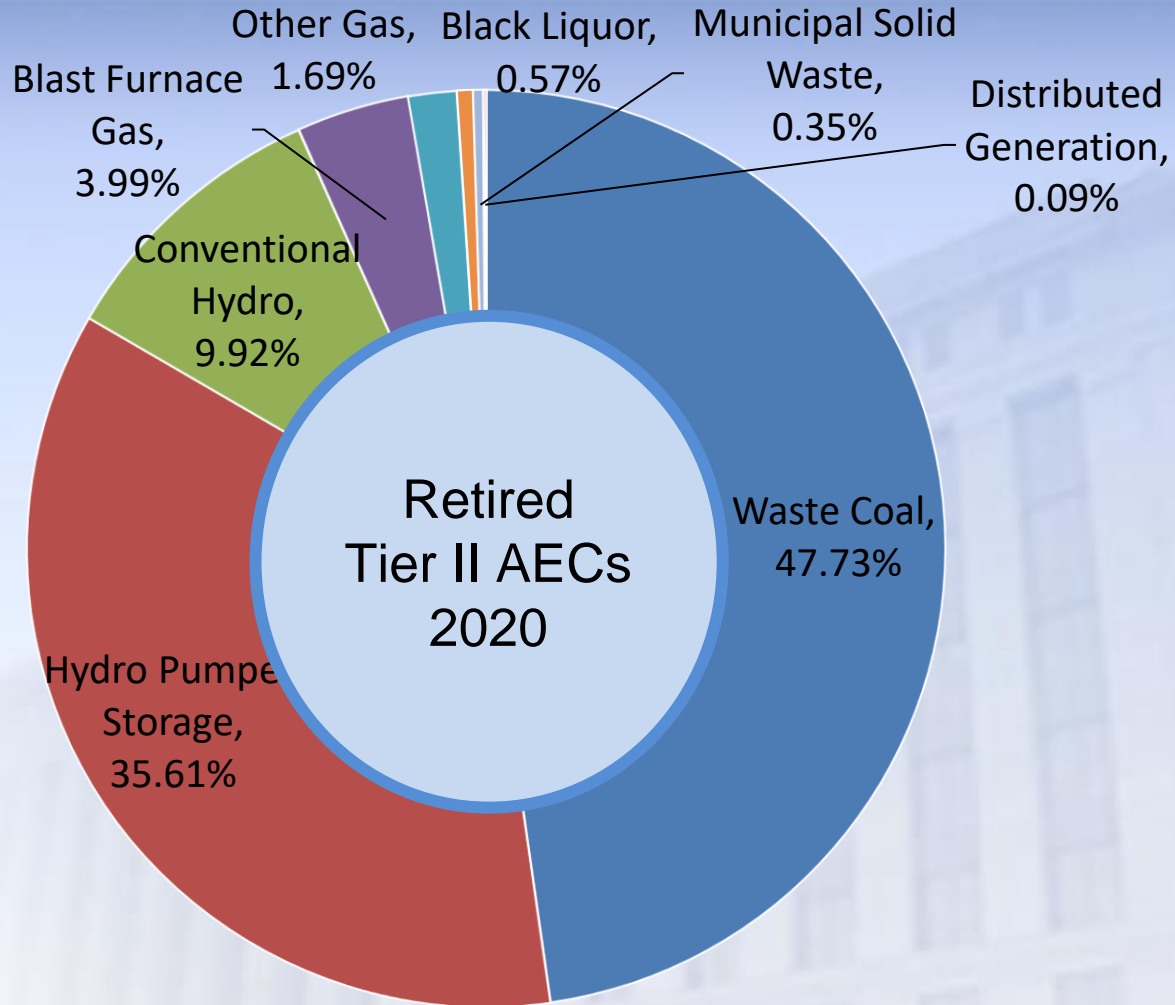


Tier I Compliance Resources



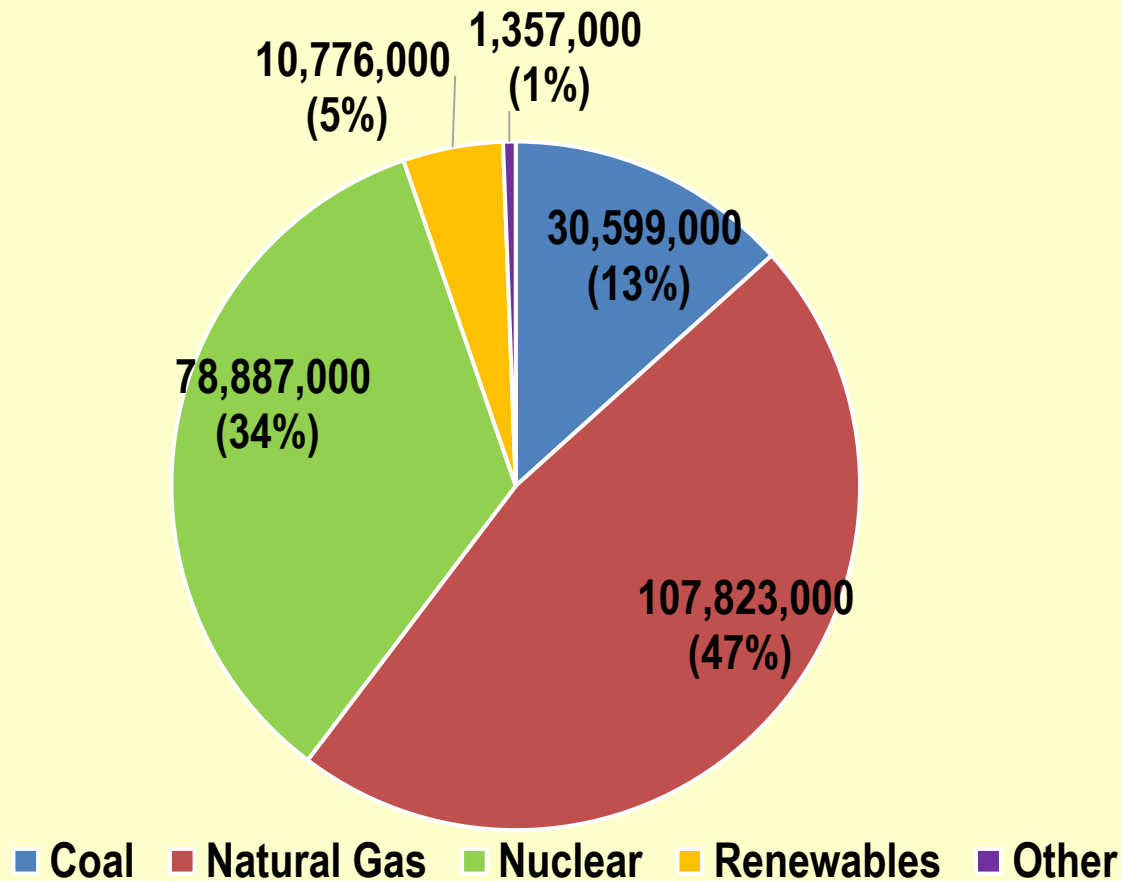


Tier II Compliance Resources



PA Energy Portfolio

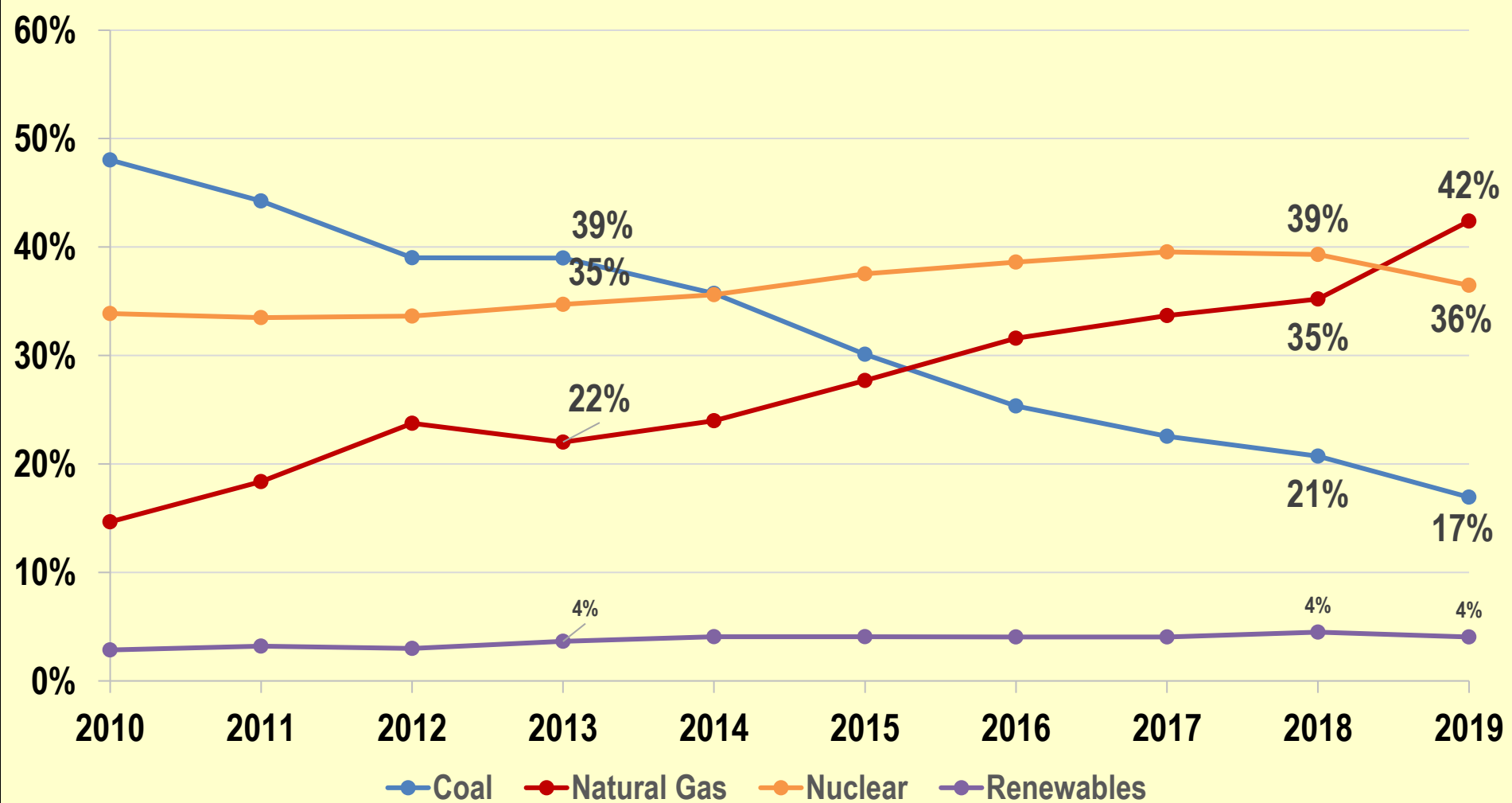
**PA Electric Generation by Energy Source
Compliance Year 2020**





PA Energy Portfolio

Annual Share of Pennsylvania Electricity Generation by Energy Source





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