

# Maryland Energy Administration

## Goal 3. Local governments, non-profits and businesses will improve their energy efficiency.

Obj. 3.1 Provide loans through the Jane E. Lawton Conservation Loan Program that will result in \$85,000 in energy cost savings annually, over the life of the project.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Act.	2018 Est.	2019 Est.
Annual energy savings from Jane Lawton projects (\$)	252,517	49,738	297,558	160,803	12,950	151,662	151,662
Annual energy savings (MMBTUs)	15,024	1,793	6,193	22,731	348	4,075	4,075

## Goal 4. Increase electricity generation fuel diversity through the increased use of in-state renewable energy.

Obj. 4.1 In support of the State's Renewable Portfolio Standard (RPS), increase the in-state generation of clean, renewable energy by six million megawatt-hours (MWH) by 2020 through grants, tax credits, education, and outreach.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Est.	2018 Est.	2019 Est.
Megawatt hours (MWh) of commercial-scale renewable energy generated in-state (millions)	3,079	3,066	3,132	3,195	3,888	4,000	4,017
Megawatt hours (MWh) of residential and small commercial renewable energy generated in-state	47,582	72,563	148,655	296,938	436,612	475,706	514,801

Obj. 4.2 Implement energy programs that encourage in-state renewable energy resources.

Performance Measures	2013 Act.	2014 Act.	2015 Act.	2016 Act.	2017 Est.	2018 Est.	2019 Est.
Number of awards issued to Maryland residents, businesses, and local governments to incentivize in-state renewable energy	N/A	N/A	3,053	2,994	2,524	1,985	N/A
Solar photovoltaic technology incentivized (kW)	N/A	N/A	20,894	16,678	19,596	15,414	N/A
Tons of geothermal/ground source heat pump capacity installed in Maryland incentivized by MEA programs	N/A	N/A	2,731	2,436	1,783	1,403	N/A
Biomass (wood and pellet) stove capacity installed in Maryland incentivized by MEA programs (millions BTU/hr)	N/A	N/A	49,110	35,500	23,160	18,000	N/A
Wind capacity installed incentivized by MEA programs (kW)	N/A	N/A	0	9	0	0	N/A
Solar thermal capacity incentivized by MEA programs (in square feet)	N/A	N/A	35,190	3,990	3,990	3,139	N/A

# Maryland Energy Administration

**Goal 5. Diversify Maryland's transportation network by encouraging the utilization of electric vehicles.**

**Obj. 5.1** Achieve 60,000 electric vehicle registrations by 2020 through incentives, marketing, and education.

<b>Performance Measures</b>	<b>2013 Act.</b>	<b>2014 Act.</b>	<b>2015 Act.</b>	<b>2016 Act.</b>	<b>2017 Act.</b>	<b>2018 Est.</b>	<b>2019 Est.</b>
Total number of Electric Vehicles (EV) registered in state	1,567	2,296	3,069	6,788	9,369	11,359	13,348
Total number of Hybrids registered in state	99,953	77,454	79,513	82,598	87,415	90,712	94,009
Public electric vehicle charging outlets	362	593	631	922	1,134	1,394	1,715
Gallons of petroleum displacement (millions) attributable to EVs	0.51	0.75	1.00	2.57	3.55	4.04	4.75

## Maryland Energy Administration

### Summary of Maryland Energy Administration

	<b>2017 Actual</b>	<b>2018 Appropriation</b>	<b>2019 Allowance</b>
Number of Authorized Positions	28.00	28.00	28.00
Number of Contractual Positions	6.50	10.00	9.50
Salaries, Wages and Fringe Benefits	3,027,411	3,071,387	3,135,221
Technical and Special Fees	503,590	667,854	572,473
Operating Expenses	37,212,632	53,952,711	40,290,787
Special Fund Expenditure	38,703,181	56,822,367	43,091,122
Federal Fund Expenditure	1,906,653	737,908	760,537
Reimbursable Fund Expenditure	133,799	131,677	146,822
Total Expenditure	40,743,633	57,691,952	43,998,481

## Maryland Energy Administration

### D13A13.01 General Administration

#### Program Description

The Maryland Energy Administration (MEA) advises the Governor on issues, policies and changes in the various segments of the energy market. MEA prepares the State to respond to changing dynamics of the energy industry. This program provides administrative support for MEA programs, including review of utility electricity efficiency and demand reduction programs.

#### Appropriation Statement

	2017 Actual	2018 Appropriation	2019 Allowance
Number of Authorized Positions	28.00	28.00	28.00
Number of Contractual Positions	6.50	10.00	9.50
<b>01 Salaries, Wages and Fringe Benefits</b>	<b>3,027,411</b>	<b>3,071,387</b>	<b>3,135,221</b>
<b>02 Technical and Special Fees</b>	<b>503,590</b>	<b>667,854</b>	<b>572,473</b>
<b>03 Communications</b>	<b>72,126</b>	<b>56,982</b>	<b>55,829</b>
<b>04 Travel</b>	<b>56,934</b>	<b>47,380</b>	<b>252,000</b>
<b>07 Motor Vehicle Operation and Maintenance</b>	<b>562</b>	<b>1,780</b>	<b>1,030</b>
<b>08 Contractual Services</b>	<b>307,800</b>	<b>1,210,170</b>	<b>1,127,775</b>
<b>09 Supplies and Materials</b>	<b>20,858</b>	<b>13,700</b>	<b>15,700</b>
<b>10 Equipment - Replacement</b>	<b>24,240</b>	<b>15,800</b>	<b>15,569</b>
<b>11 Equipment - Additional</b>	<b>4,580</b>	<b>15,739</b>	<b>14,014</b>
<b>12 Grants, Subsidies, and Contributions</b>	<b>35,841</b>	<b>30,000</b>	<b>30,000</b>
<b>13 Fixed Charges</b>	<b>114,236</b>	<b>223,660</b>	<b>228,870</b>
<b>14 Land and Structures</b>	<b>110,208</b>	<b>0</b>	<b>0</b>
Total Operating Expenses	<u>747,385</u>	<u>1,615,211</u>	<u>1,740,787</u>
Total Expenditure	<u>4,278,386</u>	<u>5,354,452</u>	<u>5,448,481</u>
Special Fund Expenditure	3,386,353	4,487,367	4,541,122
Federal Fund Expenditure	758,234	735,408	760,537
Reimbursable Fund Expenditure	133,799	131,677	146,822
Total Expenditure	<u>4,278,386</u>	<u>5,354,452</u>	<u>5,448,481</u>
<b>Special Fund Expenditure</b>			
D13302 Energy Overcharge Restitution Trust Fund (EORTF)	0	225,000	225,000
SWF316 Strategic Energy Investment Fund	3,386,353	4,262,367	4,316,122
Total	<u>3,386,353</u>	<u>4,487,367</u>	<u>4,541,122</u>
<b>Federal Fund Expenditure</b>			
81.041 State Energy Program	733,441	700,408	710,537
81.086 Conservation Research and Development	14,807	25,000	40,000
81.090 State Heating Oil and Propane Program	9,986	10,000	10,000
Total	<u>758,234</u>	<u>735,408</u>	<u>760,537</u>
<b>Reimbursable Fund Expenditure</b>			
K00A01 Department of Natural Resources	133,799	131,677	146,822
Total	<u>133,799</u>	<u>131,677</u>	<u>146,822</u>

## Maryland Energy Administration

### D13A13.02 The Jane E. Lawton Conservation Loan Program-Capital Appropriation

**Program Description**

The Jane E. Lawton Conservation Loan Program is a self-sustaining program which provides financial assistance in the form of loans to schools, businesses, local governments, and non-profit organizations. Loans made through these programs are for the purpose of making energy conservation improvements. The General Assembly of Maryland authorized the Jane E. Lawton Conservation Loan Program to replace the Community Energy Loan Program and Energy Efficiency and Economic Development Loan Program in the 2008 Session.

**Appropriation Statement**

	2017 Actual	2018 Appropriation	2019 Allowance
14 Land and Structures	1,500,000	850,000	850,000
Total Operating Expenses	1,500,000	850,000	850,000
Total Expenditure	1,500,000	850,000	850,000
Special Fund Expenditure	1,500,000	850,000	850,000
Total Expenditure	1,500,000	850,000	850,000
<b>Special Fund Expenditure</b>			
D13301 The Jane E. Lawton Conservation Loan Program	1,500,000	850,000	850,000
Total	1,500,000	850,000	850,000

## Maryland Energy Administration

### D13A13.03 State Agency Loan Program-Capital Appropriation

#### Program Description

The State Agency Loan Program (SALP) is a self-sustaining program which provides financial assistance in the form of loans to state agencies. Loans made through these programs are for the purpose of making energy conservation improvements.

#### Appropriation Statement

	<b>2017 Actual</b>	<b>2018 Appropriation</b>	<b>2019 Allowance</b>
14 Land and Structures	3,200,000	1,700,000	1,200,000
Total Operating Expenses	<u>3,200,000</u>	<u>1,700,000</u>	<u>1,200,000</u>
Total Expenditure	<u><u>3,200,000</u></u>	<u><u>1,700,000</u></u>	<u><u>1,200,000</u></u>
Special Fund Expenditure	2,200,000	1,700,000	1,200,000
Federal Fund Expenditure	<u>1,000,000</u>	<u>0</u>	<u>0</u>
Total Expenditure	<u><u>3,200,000</u></u>	<u><u>1,700,000</u></u>	<u><u>1,200,000</u></u>
<b>Special Fund Expenditure</b>			
D13304 State Agency Loan Program (SALP)	<u>2,200,000</u>	<u>1,700,000</u>	<u>1,200,000</u>
Total	<u>2,200,000</u>	<u>1,700,000</u>	<u>1,200,000</u>
<b>Federal Fund (ARRA) Expenditure</b>			
81.041A State Energy Program	<u>1,000,000</u>	<u>0</u>	<u>0</u>
Total	<u>1,000,000</u>	<u>0</u>	<u>0</u>

## Maryland Energy Administration

### D13A13.06 Energy Efficiency and Conservation Programs, Low and Moderate Income Residential Sector

**Program Description**

Funding in this program is used for energy efficiency and conservation programs, projects, or activities, and demand response programs targeted to the low income residential sector at no cost to the participants and the moderate income residential sector with minimal cost to the participants.

**Appropriation Statement**

	<b>2017 Actual</b>	<b>2018 Appropriation</b>	<b>2019 Allowance</b>
08 Contractual Services	199,689	203,000	200,000
12 Grants, Subsidies, and Contributions	10,073,473	6,797,000	4,800,000
Total Operating Expenses	<u>10,273,162</u>	<u>7,000,000</u>	<u>5,000,000</u>
Total Expenditure	<u><u>10,273,162</u></u>	<u><u>7,000,000</u></u>	<u><u>5,000,000</u></u>
Special Fund Expenditure	<u>10,273,162</u>	<u>7,000,000</u>	<u>5,000,000</u>
Total Expenditure	<u><u>10,273,162</u></u>	<u><u>7,000,000</u></u>	<u><u>5,000,000</u></u>
<b>Special Fund Expenditure</b>			
SWF316 Strategic Energy Investment Fund	<u>10,273,162</u>	<u>7,000,000</u>	<u>5,000,000</u>
Total	<u><u>10,273,162</u></u>	<u><u>7,000,000</u></u>	<u><u>5,000,000</u></u>

## Maryland Energy Administration

### D13A13.07 Energy Efficiency and Conservation Programs, All Other Sectors

#### Program Description

Funding in this program is used for energy efficiency and conservation programs, projects, or activities, and demand response programs.

#### Appropriation Statement

	2017 Actual	2018 Appropriation	2019 Allowance
08 Contractual Services	154,928	356,250	280,000
12 Grants, Subsidies, and Contributions	<u>5,320,757</u>	<u>7,431,250</u>	<u>6,720,000</u>
Total Operating Expenses	<u>5,475,685</u>	<u>7,787,500</u>	<u>7,000,000</u>
Total Expenditure	<u><u>5,475,685</u></u>	<u><u>7,787,500</u></u>	<u><u>7,000,000</u></u>
Special Fund Expenditure	5,327,266	7,785,000	7,000,000
Federal Fund Expenditure	<u>148,419</u>	<u>2,500</u>	<u>0</u>
Total Expenditure	<u><u>5,475,685</u></u>	<u><u>7,787,500</u></u>	<u><u>7,000,000</u></u>
<b>Special Fund Expenditure</b>			
SWF316 Strategic Energy Investment Fund	<u>5,327,266</u>	<u>7,785,000</u>	<u>7,000,000</u>
Total	<u>5,327,266</u>	<u>7,785,000</u>	<u>7,000,000</u>
<b>Federal Fund Expenditure</b>			
81.119 State Energy Program Special Projects	<u>148,419</u>	<u>2,500</u>	<u>0</u>
Total	<u>148,419</u>	<u>2,500</u>	<u>0</u>



## Maryland Energy Administration

### D13A13.08 Renewable and Clean Energy Programs and Initiatives

#### Program Description

Funding in the program is used for renewable and clean energy initiatives, energy-related public education and outreach, and climate change programs.

#### Appropriation Statement

	2017 Actual	2018 Appropriation	2019 Allowance
08 Contractual Services	1,183,971	3,362,500	2,065,000
12 Grants, Subsidies, and Contributions	<u>14,832,429</u>	<u>31,637,500</u>	<u>22,435,000</u>
Total Operating Expenses	<u>16,016,400</u>	<u>35,000,000</u>	<u>24,500,000</u>
Total Expenditure	<u><u>16,016,400</u></u>	<u><u>35,000,000</u></u>	<u><u>24,500,000</u></u>
Special Fund Expenditure	<u>16,016,400</u>	<u>35,000,000</u>	<u>24,500,000</u>
Total Expenditure	<u><u>16,016,400</u></u>	<u><u>35,000,000</u></u>	<u><u>24,500,000</u></u>
<b>Special Fund Expenditure</b>			
D13349 Offshore Wind Business Development Fund	450,000	1,000,000	2,000,000
SWF316 Strategic Energy Investment Fund	14,296,510	16,000,000	5,500,000
SWF328 Strategic Energy Investment Fund - Cove Point	964,890	3,000,000	0
SWF329 Strategic Energy Investment Fund - Animal Waste Compliance Payment	<u>305,000</u>	<u>15,000,000</u>	<u>17,000,000</u>
Total	<u>16,016,400</u>	<u>35,000,000</u>	<u>24,500,000</u>

### 3 Year Position Summary

Classification Title	FY 2017 Positions	FY 2017 Expenditures	FY 2018 Positions	FY 2018 Appropriation	FY 2019 Positions	FY 2019 Allowance
<b>D13 - Maryland Energy Administration</b>						
<b>D13A1301 - General Administration</b>						
Asst Attorney General VI	3.00	263,881	3.00	272,018	3.00	272,018
Asst Attorney General VIII	1.00	113,754	1.00	113,763	1.00	113,763
Exec Aide I	1.00	73,068	1.00	87,729	1.00	87,729
Exec Aide III	1.00	99,862	1.00	99,869	1.00	99,869
Exec Aide V	3.00	304,385	4.00	440,810	4.00	440,810
Exec Aide VIII	1.00	141,234	1.00	141,404	1.00	141,404
Spec Asst III Exec Dept	1.00	66,713	1.00	67,639	1.00	67,639
<b>Total D13A1301</b>	<b>28.00</b>	<b>2,146,030</b>	<b>28.00</b>	<b>2,376,528</b>	<b>28.00</b>	<b>2,376,528</b>