÷

PUCO EXHIBIT FILING Date of Hearing:	FEB-1 P
Case No. <u>16-0743-EL-POR</u> PUCO Case Caption: <u>In the Matter of the Application of</u> <u>DhioColison Company</u> , the Cleveland Cleating Illuminating <u>Company</u> and The Toledo Edisor Company for Approval <u>OTheir Cneuge</u> <u>Configuring</u> and <u>Peak</u> <u>Demand</u> <u>Athenis Cneuge</u> <u>Configuring</u> and <u>Peak</u> <u>Demand</u> <u>Reduction Program</u> Portfolio f Lana for Doir through soir	<sup>,</sup> UCO
Case No PUCO Case Caption: In the Matter of the application of <u>chioColison Company</u> . The Cleveland Cleating Peluminating <u>Company</u> , and The Toledo Edison Company for approval <u>of Their Creven</u> Cofficiency and Peak Demand <u>for Demand</u> <u>for Creven</u> Portfolio Flans for Doin through 2011	~0
ObioColison Company, The Cleveland Cleatic Illuminating <u>Company</u> and The Toledo Edisor Company for approval <u>ATheis Cneuges</u> Cfficiencia and Peak Demand <u>Reduction Program Portfolio Plans for 2017 through 2019</u>	
ObioColison Company, The Cleveland Cleatic Illuminating <u>Company</u> and The Toledo Edisor Company for approval <u>ATheis Cneuges</u> Cfficiencia and Peak Demand <u>Reduction Program Portfolio Plans for 2017 through 2019</u>	
Company and The Toledo Edisor Company for approval BTheir Cnerges Cfficiencia and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019	
A Their Cneuser Officients and Peak Demand Reduction Program Portfolio Plans for 2017 through 201	
Reduction Program Portfolio Plans for 2017 through 201	
j · · · · · · · · · · · · · · · · · · ·	
List of exhibits being filed: Volume II	<b>)</b>
Company 8, 9, 10	
OCC 9C	
IG51	
<u>IGSI</u>	-
· · · ·	
Reporter's Signature: Kaushubsor	

. .

. .

#### THE PUBLIC UTILITIES COMMISSION OF OHIO

- - -

In the Matter of the : Application of Ohio Edison : Company, The Cleveland : Electric Illuminating : Company, and The Toledo : Edison Company for : Case No. 16-0743-EL-POR Approval of Their Energy : Efficiency and Peak Demand : Reduction Program Portfolio: Plans for 2017 through 2019:

#### \_ \_ \_

#### PROCEEDINGS

before Mr. Richard Bulgrin, Attorney Examiner, at the Public Utilities Commission of Ohio, 180 East Broad Street, Room 11-D, Columbus, Ohio, called at 10:00 a.m. on Tuesday, January 24, 2017.

VOLUME II

ARMSTRONG & OKEY, INC. 222 East Town Street, Second Floor Columbus, Ohio 43215-5201 (614) 224-9481 - (800) 223-9481 Fax - (614) 224-5724

지 않는 것 같은 것 것 같

Armstrong & Okey, Inc., Columbus, Ohio (614) 224-9481

### PENNSYLVANIA PUBLIC UTILITY COMMISSION Harrisburg, PA. 17105-3265

Public Meeting held June 11, 2015

Commissioners Present:

Gladys M. Brown, Chairman John F. Coleman, Jr., Vice Chairman James H. Cawley Pamela A. Witmer, Statement Robert F. Powelson, Statement

Energy Efficiency and Conservation Program

Docket No. M-2014-2424864

### **IMPLEMENTATION ORDER**



### **Table of Contents**

ł

.

.

BACK	KGROU	UND AND HISTORY OF THIS PROCEEDING	5
DISC	USSIO	N	10
A.	Evalu	ation of the EE&C Program	10
B.	Phase	III of the EE&C Program	13
	1.	Length of Program	13
	2.	Additional Reductions in Peak Demand	15
	3.	Additional Incremental Reductions in Consumption	47
	4.	Prescription of a Low-Income Carve-Out	61
	5.	Carve-Out for Government, Educational and Nonprofit Entities	70
	6.	Accumulating Savings in Excess of Reduction Requirements	83
	7.	Process to Challenge Reduction Requirements	
С.	Plan A	Approval Process	88
	1.	Phase III EE&C Plan Approval Process	89
	2.	Phase III Planning Timeline	91
	3.	Additional Phase III Orders	92
D.	Plan E	Effectiveness Evaluation Process	93
	1.	Statewide Evaluator	93
	2.	Technical Reference Manual	95
	3.	EDC Annual and Quarterly Reporting	
E.	Cost -	- Benefit Analysis Approval Process	102
	1.	2016 TRC Test	103
	2.	Net-to-Gross Adjustment to Savings	103
F.	Proces	ss to Analyze How the Program and Each Plan will Enable EDCs to M	leet
	Reduc	tion Requirements	107
	1.	Measuring Annual Consumption Reductions	107
	2.	Measuring Peak Demand Reductions	108

G.	Standards to Ensure that a Variety of Measures are Applied Equitably to all
	Customer Classes112
H.	Process to Make Recommendations for Additional Measures
I.	Procedures to Require Competitive Bidding and Approval of Contracts with
	CSPs
	1. Competitive Bidding
	2. Approval of Contracts
J.	Participation of Conservation Service Providers128
K.	Procedures to Ensure Compliance with Consumption and Peak Demand
	Reduction Requirements
L.	EDC Cost Recovery
	1. Determination of Allowable Costs
	2. Allocation of Costs to Customer Classes
	3. Cost Recovery Tariff Mechanism
CON	ICLUSION

Ĩ

1

<b>Modeling Parameter</b>	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021
Projected PJM DR (MW)	127	71	97	97	97
SWE DR Potential Estimate (MW)	123.5	124.9	123.2	121.0	119.3
Act 129 DR Potential (MW)	-3.3	53.5	26.0	23.8	22.2

As shown in the table above, the remaining potential net of PJM commitments calculated in a manner consistent with FirstEnergy's proposal is greater than Penn Power's proposed target of 17 MW for each delivery year. Furthermore, as previously discussed, we are permitting customers who participate in the PJM ELRP to participate in the Act 129 DR program, at a reduced incentive rate, thus, further increasing the DR potential in Penn Power's service territory. Based on this analysis, the Commission disagrees with FirstEnergy's assertion that Penn Power's Phase III target is somehow unattainable.

While we recognize that the flat penalties are proportionately larger for Penn Power than larger EDCs, this Commission does not have the authority to exempt Penn Power from a DR requirement based on this fact. The Commission has made it clear that we believe the Act requires us to prescribe DR targets in those EDC territories in which cost-effective peak demand reduction potential is available, as it is in Penn Power.

#### 3. Additional Incremental Reductions in Consumption

As previously noted, the SWE determined in its EE Potential Study that electric consumption reduction programs will continue to be cost-effective for Pennsylvania ratepayers. Based on the SWE's determination, we tentatively found that the benefits of a Phase III Act 129 EE&C program will exceed its costs and, therefore, we tentatively adopt the additional required incremental reductions in consumption outlined herein.

The SWE performed an EE Potential Study which presented the technical, economic and achievable EE potential over ten years (beginning June 1, 2016) and the program potential over five years (June 1, 2016 through May 31, 2021) for the residential, commercial and industrial sectors.<sup>53</sup> For the residential sector, the SWE first determined the eligible equipment stock, followed by estimations of the savings and then screened for cost-effectiveness. The SWE then summed those savings at the end-use and the service-territory levels.<sup>54</sup> Regarding the non-residential sectors, the SWE used a similar approach to determine measure-level savings and costs, in addition to costeffectiveness. The cost-effective measure savings were then applied to all applicable shares of energy load.<sup>55</sup>

The SWE utilized, as a baseline from which to report savings as a percent of annual kWh sales, the forecast kWh sales for each EDC for the period June 1, 2009 through May 31, 2010.<sup>56</sup> The SWE estimated that the total maximum achievable potential for the region of the seven EDCs covered by Act 129 in 2020 and 2025 for energy efficiency is 7.5% and 13.2%, respectively, of 2009-2010 baseline annual kWh sales.<sup>57</sup> For program potential, the SWE estimated that, with the current annual spending cap and assuming 100% funding towards energy efficiency, the EDCs can achieve a combined annual savings equal to 0.8% to 1.0% of baseline 2009-2010 load per year, or 6,629,460 MWh of incremental annual savings over a five-year timeframe. After accounting for measure savings decay and annual savings adjustments for lighting based on the Energy Independence and Security Act (EISA), the cumulative annual program potential in 2020 is 5,092,433 MWh or 3.5% of the 2009-2010 baseline load.<sup>58</sup>

7

<sup>56</sup> *Id.* at 3.

1.8

<sup>58</sup> Id.

<sup>&</sup>lt;sup>53</sup> See EE Potential Study at 1.

<sup>&</sup>lt;sup>54</sup> Id. at 2.

<sup>&</sup>lt;sup>55</sup> Id.

<sup>&</sup>lt;sup>57</sup> See Tentative Implementation Order Addendum at 1.

Potential		6-2020 Annual Savings	2020 Cumulative Annual Savings	
rotential	MWh	% of 2009-2010 load	MWh	of 2009-2010 load
Max Achievable	14,332,129	9.8%	10,983,129	7.5%
Base Achievable	8,782,160	6.0%	6,748,807	4.6%
Program	6,629,460	4.5%	5,092,433	3.5%

Without a budget cap, incremental annual savings could achieve roughly 1.2% to 2.0% of 2010 load in the base achievable and maximum achievable scenarios, respectively. On a cumulative annual basis, the base achievable potential is 4.6% of the baseline load in 2020 and the maximum achievable potential is 7.5% of baseline load in 2020.<sup>59</sup>

The SWE also concluded that continuing EE programs in a Phase III of Act 129 will be cost-effective for Pennsylvania ratepayers. The TRC ratio statewide for the program potential scenario is estimated to be 1.88, with net benefits of approximately \$1.5 billion over the lifetime of measures installed during Phase III (June 1, 2016 through May 31, 2021).<sup>60</sup> The program acquisition cost (dollars per first-year-MWh saved) estimated to achieve the program potential's 6,629,460 MWh of savings is \$184.40 per MWh.<sup>61</sup>

#### a. **Reduction Targets**

The Commission proposed the use of the forecast kWh sales for each EDC for the period June 1, 2009 through May 31, 2010, as the baseline from which to measure incremental savings in Phase III. No comments were received on this proposal. Therefore, the Commission maintains its proposal as it is consistent with that utilized in Phase II and with the baseline used in the SWE's determinations of EE potential.

<sup>&</sup>lt;sup>59</sup> See EE Potential Study at 4.

<sup>&</sup>lt;sup>60</sup> Id. at 8.

<sup>&</sup>lt;sup>61</sup> See Tentative Implementation Order Addendum at 2.

As previously discussed, the Commission proposed peak demand reduction requirements for six of the seven EDCs with EE&C Program requirements. The Commission proposed these peak demand reduction requirements based on a budgetary allocation of 10% of each EDC's budget for peak demand reduction programs. The Commission proposed that, in determining targets, a budgetary allocation for Duquesne, PECO, Penn Power and West Penn Power reflect 90% for EE programs and 10% for peak demand reduction programs. For Met-Ed, we proposed a budgetary allocation of 92% for EE programs and 8% for peak demand reduction programs. For PPL, we proposed a budgetary allocation of 95% for EE and 5% for peak demand reduction programs. The SWE found no cost-effective peak demand reduction potential for the Penelec service territory; therefore, we proposed a 100% budgetary allocation for EE programs for Penelec.

Regarding the consumption reduction targets, the Commission proposed, for Phase III, the adoption of a five-year consumption reduction requirement for each EDC that is based on the 2009/2010 energy forecasts previously discussed. Because we proposed peak demand reduction requirements for six of the seven EDCs, we requested that the SWE determine the available energy efficiency program potential for each of those EDCs based on the budgetary allocations discussed above. We proposed adoption of the five-year consumption reduction requirements as contained in the Tentative Implementation Order Addendum and that appear in the table below.<sup>62</sup> These consumption reduction requirements vary by EDC based on the specific mix of program potential, acquisition costs and available funding allocated to EE programs discussed earlier in this Order. Specifically, we proposed the following consumption reduction targets for the seven EDCs:

ź

<sup>&</sup>lt;sup>62</sup> See Tentative Implementation Order Addendum at 5.

	Portfolio EE	Program Acquisition	2016-2020 EE	
EDC	Spending Ceiling (Million S)	Saved)	(Mivh)	% of 2010 Forecast
2015-2020 - Fiv	e-Year EE Program P	otential		al Den en e
Duquesne	\$88.0	\$186.9	470,609	3.3%
FE: Met-Ed	\$114.4	\$182.2	627,814	4.2%
FE: Penelec	\$114.9	\$191.9	598,612	4.2%
FE: Penn Power	\$30.0	\$176.1	170,182	3.6%
FE: WPP	\$106,0	\$181.0	585,807	2.8%
RECOMPANIE	1. m \$384.3 m ke	@riches184.7 5-1.55	2;080;553 varia	
PPL	\$292.1	\$183.7	1,590,264	4.2%
Statewide	51129.5	T HOLE \$184.4 ACON	6,123,842	4.2%

Table 6: Modified Five-Year Energy Efficiency Program Potential Savings and Budget by EDC

ł

We previously expressed a belief that the Act 129 programs are cumulative at the end of a phase such that the savings at the end of a phase must show that the total savings from measures installed during the phase are equal to or greater than the established reduction target. Therefore, we proposed that, for any measures installed whose useful life expires before the end of the phase, another measure must be installed or implemented during that phase which replenishes the savings from the expired measure. This means that reported savings for Phase III would take into account measure useful life.

Additionally, while we did not propose annual, incremental consumption reduction targets for Phase III, we did propose a requirement that the EDCs submit EE&C Plans that clearly demonstrate annual gains in energy efficiency. Specifically, we proposed that the plans be designed to achieve at least 15 percent of the EDC's consumption reduction target in each program year. We expressed a belief that 15 percent would take into account an EDC's need to potentially ramp-up programs and make mid-Phase program changes, both of which may affect the level of reductions in a specific program year. We also believed 15 percent helped balance the EDCs' planning and program change needs with requests for the provision of more comprehensive measures. We proposed that the 15% requirement be limited to the Commission's review

and approval of the EE&C Plans and not be a target that would subject the EDCs to the penalty provisions prescribed under 66 Pa. C.S. § 2806.1(f).

#### i. Comments

ĩ

PPL believes the EE potential calculations did not reflect the proposed lowincome requirements and, therefore, the acquisition costs and associated potential are incorrect. PPL Comments at 33. PPL requests clarification as to whether the SWE used the full cost of measures to estimate the program acquisition cost for direct-install lowincome measures. It avers that the full measure cost should be the basis as the EDC pays the full cost of the measure for low-income programs and provides its own calculations. *Id.* at 34-35, 44-49; PPL Exhibit. PPL states that the mix of measures utilized in the SWE EE Potential Study does not reflect the same mix PPL would include in its Phase III Programs. Additionally, PPL believes the SWE's measure mix underestimates the program acquisition cost, overstates cost-effectiveness, overstates program potential, fails to provide enough money for low-income programs to meet the proposed carve-outs and will likely result in programs with high free-ridership. PPL Comments at 42; PPL Reply Comments at 8-9.

PPL suggests the use of its Program 3 – Medium Cost scenario from its own potential study. This program includes the second highest acquisition cost of each of the four scenarios it ran, has a greater diversity of measures and uses a lower benefit-cost threshold. PPL avers that this scenario includes a much more balanced mixture of measures. *Id.* at 48. PPL argues that the SWE did not address risk management practices that will require the EDC to exceed the savings targets while staying under budget. *Id.* at 56; PPL Reply Comments at 7. PPL recommends the establishment of a "variable" EE target. PPL Reply Comments at 8-10.

Similar to PPL, PECO references its own potential study; however, unlike PPL, PECO does not provide its actual study as part of its comments. PECO believes its study

52

1.7

uses more appropriate initial costs per bulb for screw-in LEDs, accounts for more LED product classes by wattage categories and utilizes assumptions regarding PECO's market share of the overall LED residential lighting market more consistent with the latest forecasts by the U.S. Department of Energy. PECO Comments at 5-6, 14-16. PECO notes that the SWE's EE Potential Study did not incorporate standards changes regarding electric motors, automated icemakers, walk-in coolers and freezers, and commercial refrigeration products. Id. at 6, 16-17. Additionally, PECO avers that the SWE's base achievable approach was incorrect and that the PECO use of a measure adoption model is appropriate. Id. at 6, 17-18. PECO also asserts that the SWE does not support the avoided T&D and line loss estimates utilized in developing PECO's EE potential. Id. at 6, 18. PECO disagrees with the manner in which the SWE screened low-income measures. Id. at 6-7, 18-19. Like PPL, PECO disagrees with the acquisition costs utilized by the SWE in its EE Potential Study, believing they have been underestimated, and suggests the use of the acquisition costs developed in its own study. Id. at 7-12; PECO Reply Comments at 2. PECO recommends the adoption of its own potential study for the development of its EE target. Id. at 13.

2

FirstEnergy avers that the targets do not take into account the proposed direct install and G/E/NP carve-outs. FirstEnergy Comments at 22. It believes the acquisition costs used in the EE Potential Study are too low. *Id.* at 23. FirstEnergy asserts that the Commission should allow for a more reasonable degree of uncertainty associated with the proposed targets. It recommends that the SWE provide an assessment of the confidence and precision associated with its estimates, with that being incorporated into any prescribed targets. *Id.* at 24-25. The Industrials believe the SWE's EE Potential Study is not transparent enough and does not support the continuation of EE or DR programs. The Industrials Comments at 5-6.

DEP, Honeywell and the Joint Commentators believe that the Commission should pursue more aggressive targets based on a balance between potential and historical

achievements, especially considering carryover is not taken into account in the proposed targets. DEP Comments at 1; DEP Reply Comments at 2; Honeywell Comments at 1; The Joint Commentators Comments at 9; the Joint Commentators Reply Comments at 1. KEEA notes that the proposed targets are not nearly as aggressive as those other jurisdictions and recommends the consideration of 1% per year targets. KEEA Comments at 4-5. The SEF believes the SWE's maximum achievable potential is understated as it assumes a majority of programs are based on rebates to consumers and businesses and fails to look at creative programs that would leverage EE&C spending constraints. The SEF Comments at 3.

1

Duquesne disagrees with those parties advocating for increased targets based on historical achievement as historical performance. Additionally, Duquesne believes such treatment makes the EDC responsible for not only the program results, but for the forecast of future program results. Duquesne Reply Comments at 8.

EAP, PPL, PECO, OCA, the Joint Commentators and KEEA request clarification regarding whether program potential should be based on cumulative annualized energy savings or the sum of incremental annualized energy savings. EAP Reply Comments at 6; PPL Comments at 57; PECO Comments at 19; OCA Reply Comments at 5; the Joint Commentators Comments at 10; KEEA Comments at 5. EAP believes whatever method used for compliance should align with the manner in which the targets have been set. EAP Reply Comments at 6. PPL and PECO support the use of a cumulative annualized energy savings requirement as the sum of incremental annualized energy savings overstates program potential as it includes savings from short-lived measures that expire during Phase III. PPL Comments at 57-60; PECO Comments at 20; PECO Reply Comments at 12. Additionally, PPL notes that a cumulative process is consistent with the method used in the first two phases of the programs. PPL Comments at 57-60. FirstEnergy believes the targets should reflect the sum of the incremental annual savings, adjusted to account for the expiring savings. FirstEnergy Comments at 20.

Duquesne and KEEA recommend that the EDCs be given credit for all new incremental savings delivered in each year of the Phase, rather than focusing on a cumulative approach. Duquesne Comments at 11; Duquesne Reply Comments at 9-10; KEEA Comments at 5-6; KEEA Reply Comments at 4. OCA expresses concern with the potential impact of a cumulative approach that would require full replacement of expired measures as this approach could result in measures being "turned on and off" during the phase. OCA Comments at 10; OCA Reply Comments at 5. The Joint Commentators support a requirement that any measure with a useful life that expires before the end of the phase be replaced with a measure that replenishes the savings from the expired measure. The Joint Commentators Comments at 10; the Joint Commentators Reply Comments at 3-5.

PECO recommends the removal of the 15% annual requirement. PECO Comments at 33. PECO suggests that a 15% requirement will require an aggressive ramp-up for new and existing programs and may not be realistic and recommends it be reduced to 10%. PECO Comments at 32-33. NEEP believes a graduated increase in the percentage required each program year would allow for the ramp-up of measures. NEEP Comments at 5; NEEP Reply Comments at 6-8. Similarly, Citizen Power supports the 15% proposal but recommends flexibility if an EDC can demonstrate that a deviation clearly provides net benefits to customers. Citizen Power Comments at 3. The Joint Commentators recommend that the interim targets be enforceable. The Joint Commentators Comments at 10. DEP agrees with annual incremental targets and suggests that the 15% percentage be subject to enforcement by the PUC under either Act 129 or the Public Utility Code. DEP Reply Comments at 2.

#### ii. Disposition

The Commission recognizes that every stakeholder may have its own proposed variables and costs to be incorporated into a potential study to determine targets. This is a primary reason for the use of the SWE's EE Potential Study for the development of

55

¢

targets. The SWE provides an unbiased approach based on its expertise in the industry. We initially disagree with the EDCs that various factors in the development of the targets should be changed at this time based on their own studies as we deem the SWE's EE Potential Study as unbiased and that it provides a consistent approach across all service territories.

1

We do, however, agree with those parties that suggested a modified methodological assumption regarding the acquisition cost for low-income measures. During the April 8, 2015 stakeholder meeting, several parties suggested that low-income specific measures include the full install cost assumption in place of incremental costs, consistent with traditional low-income program offerings. The SWE previously only assumed full cost for retrofit low-income measures. A data request on this issue was developed based on feedback provided at the April 8, 2015 stakeholder meeting and initial responses were provided via the Commission's website.<sup>63</sup> Based on the recognition of this suggested modification and the subsequent analysis, we directed the SWE to provide updated consumption reduction potential values for the prescription of targets.

Additionally, as noted later in this Implementation Order, the Commission has revised its proposals regarding low-income carve-outs. We have concluded that the appropriate low-income carve-out for Phase III is a 5.5% reduction in consumption from programs solely directed at low-income customers. Due to the change in the carve-out, we again directed the SWE to determine if the EE potential for the EDCs would change. Following the SWE's recalculation of potential based on the two scenarios outlined herein, and as outlined in the Addendum to this Order, we have determined the following targets to be appropriate for Phase III and tentatively adopt them:

.... . ....

-- -....

<sup>&</sup>lt;sup>63</sup> Following a review of the initial and reply comments to the Tentative Implementation order, the SWE further refined the calculation of low-income acquisition costs. An addendum to this Order describes the revised calculation of program acquisition costs and program potential.

EDC	Portfolio EE Budget Allocation <sup>64</sup> (Million \$)	Program Acquisition Costs (\$/1 <sup>st</sup> year MWh Saved)	2016-2020 EE Potential Savings (MWh)	% of 2010 Forecast
Duquesne	\$88.0	\$199.5	440,916	3.1%
Met-Ed	\$114.4	\$190.9	599,352	4.0%
PECO	\$384.3	\$195.8	1,962,659	5.0%
Penelec	\$114.9	\$202.9	566,168	3.9%
Penn Power	\$30.0	\$190.4	157,371	3.3%
PPL	\$292.1	\$202.4	1,443,035	3.8%
West Penn Power	\$106.0	\$196.0	540,986	2.6%

The new statewide energy efficiency savings target is 8.7% lower than the initial target prescribed in the Tentative Implementation Order.<sup>65</sup>

PECO suggests an alternative approach for projecting program participation for the base achievable scenario in their comments. We find the SWE approach to be satisfactory and consistent with the methodological approach used in the Phase II potential study, with long term market adoption rates based on Pennsylvania-specific research conducted during Phase II of Act 129.

We disagree with those parties asserting that the targets should be recalculated to take into account carryover savings and/or historical achievements. We recognize that, in most instances, the EDCs have over-complied with their historical consumption reduction targets. However, that is not a guarantee of future performance. We believe targets

<sup>&</sup>lt;sup>64</sup> These values reflect the budget allocated to EE in developing the consumption reduction target for each EDC. It does not reflect spending requirements for the EDCs.

<sup>&</sup>lt;sup>65</sup> These targets are based on the prescribed budget allocation between energy efficiency and demand response programs discussed previously herein. The updated statewide 2016-2020 potential MWh savings based on 100% funding toward energy efficiency is 6,050,974.

should be based on a determination of cost-effective potential remaining in an EDC's service territory, as has been developed by the SWE. Carryover savings have not been fully verified for an EDC during the period in which a potential study must be performed in order to inform future targets. It would be inappropriate to take into account unverified, potential carryover in a target for a future phase.

ž

We recognize the confusion expressed by nearly all of the stakeholders regarding whether the targets, and the associated determination of compliance, will be based on a cumulative or incremental approach. We agree that our language in the Tentative Implementation Order may not have been clear.

In Phase II, for measures installed whose useful life expires before the end of the phase, another measure had to be installed or implemented during the phase to replenish the savings from the expired measure. We concur with PPL and PECO that as proposed in the Tentative Implementation Order, the sum of incremental annualized energy savings plus the requirement to replace expiring savings overstates program potential. In its EE Potential Study, the SWE's incremental annual savings potential already accounts for such expiring measures. Therefore, we also agree with Duquesne and KEEA's recommendation that the EDCs be given credit for all new incremental savings delivered in each year of the Phase, rather than focusing on a cumulative approach, as was done in Phase II. We also recognize the validity of OCA's concern that a cumulative approach requiring full replacement of expired measures could result in measures being "turned on and off" during the phase.

Further, we direct parties to the SWE's discussion in its EE Potential Study regarding a significant change in baseline for lighting, effective in 2020. While in Phase II we required any measures installed or implemented whose useful life expires before the end of the phase to be replaced with another measure or measures (representing an equivalent number of kWh) to replenish the savings from the expired measure, we find

that such a directive in Phase III may not be appropriate. We do not believe it is reasonable to require the EDCs to replace all lighting installed up to 2020 with new lighting because the baseline has changed. In light of the foregoing, we are directing that the EE goals be measured using incremental savings targets without requiring the replacement of expiring measures.

1

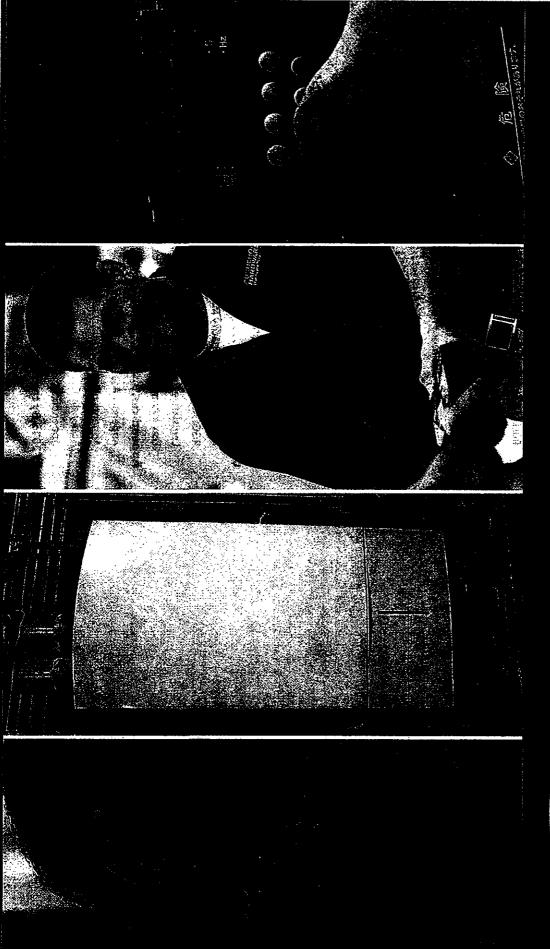
Finally, we find that the EDCs should be required to design their EE&C Plans in a manner that provides for the annual attainment of a certain percentage of their consumption reduction targets. We do not find the suggestions for greater flexibility in this regard to be persuasive. Therefore, we direct the EDCs to develop EE&C Plans that are designed to achieve at least 15% of the target amount in each program year. However, this requirement will be limited to the Commission's review and approval of the EE&C Plans and not as target subjected to the penalty provisions at subsection 2806.1(f) of the Act.

#### b. Comprehensive Programs

Our Phase II Implementation Order required the EDCs to develop EE&C Plans that contain at least one comprehensive measure for residential and small commercial rate classes.<sup>66</sup> Similarly, in our Tentative Implementation Order, we expressed a belief that comprehensive programs are beneficial to electric customers and should continue to be offered. However, we also recognized the acquisition costs concerns raised by many of the parties and, therefore, expressed a hesitancy to define what a comprehensive program is and to direct specific measures or targets tied to comprehensive programs. Instead, we proposed that the EDCs include in their EE&C Plans at least one comprehensive program for residential and at least one comprehensive program for non-residential customer classes. The EDCs would work with stakeholders to determine what these programs should include based on the unique attributes of each service territory. Additionally, we noted that, while cost-effectiveness is always a priority, an individual program does not

ł

<sup>&</sup>lt;sup>66</sup> See Phase II Implementation Order at 20.



]E[]#}≪=] งเพราะการการ FY2015 ANNUAL REP

1

Õ

THE READER NO.



## efficiency MAINE

Efficiency Maine is the independent administrator for energy efficiency programs in Maine. Efficiency Maine's mission is to lower the cost and environmental impacts of energy in Maine by promoting cost-effective energy efficiency and alternative energy systems. Efficiency Maine does this primarily by delivering rebutes on the purchase of high-efficiency lights and equipment to help customers save electricity, natural gas, and heating fuels throughout the Maine economy. Efficiency Maine is governed by a stakcholder Board of Trustees with oversight from the Maine Public Utilities Commission.

# **BOARD OF TRUSTEES**

David Barber, *Chair* Brent Boyles, *Trensurer* Kenneth Fletcher, *Vice-Chair* John Gallagher, *Ex Officio* Albert Hodsdon III Donald Lewis, *Secretary* Patrick Woodcock, *Ex Officio* 

# EFFICIENCY MAINE TRUST

168 Capitol Street, Suite 1, Augusta, Maine 04330 1-866-376-2463

# **Table of Contents**

List of Tables and Figures
Message from the Executive Director
Introduction
Efficiency Maine Programs14
Business Incentive Program 15
Community Renewable Energy Demonstration Grants21
Consumer Products Program23
Home Energy Savings Program29
Large Customer Program33
Low-Income Direct Install Initiatives
Maine Advanced Buildings Program41
Multifamily Efficiency Program 43
Small Business Initiative45
Strategic Initiatives50
Evaluation, Measurement, and Verification51
Innovation54
Public Information and Outreach55
Finance and Administration57
Other Initiatives59
ISO-NE Forward Capacity Market63
RGGI Reporting64
Legislative Recommendations65
Low Income Weatherization Assistance Program by Maine Housing 65
Appendices
Appendix A
Appendix B
Appendix C
Appendix D
FV2015 By the Numbers

TABLE OF CONTENTS

,

.

# **List of Tables and Figures**

### TABLES

Table 1: Sectors Served by Efficiency Maine Programs         8         Table 3: Process Equation Concret
ic Programs
Table 4: Costs and Savings for All Fuels and Natural Gas Programs 12
Table 5: FV2015 Payments Made16
Table 6: FV2015 Business Incentive Program Projects Completed17
Table 7: Business Incentive Program Electric (kWh) Results
Table 8: Business Incentive Program Thermal (MMBtu) Results
Table 9: Demonstration Grants Awarded         25
Table 10: Appliance Rebate Initiative Measures Incentivized25
Table 11: Appliance Rebate Initiative (kWh) Results
Table 12: Lighting Initiative: Retail (kWh) Results
Table 13: Lighting Initiative: Distributor (kWh) Results
Table 14: Home Energy Savings Program (MMBtu) Results
Table 15: Home Energy Savings Program (kWh) Results
Table 16: Economic Summary of Projects Resulting
from Scoping Audits35
Table 17: Large Customer Program (kWh) Results

from Scoping Audits35
Table 17: Large Customer Program (kWh) Results
Table 18: Large Customer Program (MMBtu) Results
Table 19: Low-Income Direct Install Initiative (kWh) Results
Table 20: Low-Income Direct Install Initiative (MMBtu) Results
Table 21: Maine Advanced Buildings Program (MMBtu) Results
Table 22: Multifamily Efficiency Program (MMBtu) Results
Table 23: Small Business Initiative (kWh) Results
Table 24: Region 1 and 2 Project Details46
Table 25: FY2015 Evaluation Project Activity52
Table 26: Statement of Revenues, Expenditures and Changes in Fund
Balance – Governmental Fund60

Table 27: MaineHousing Weatherization Initiatives
Table 28: FY2015 Program Impacts: Electric Programs
Table 29: FY2015 Program Impacts: All Fuels and Natural Gas Programs 70
Table 30: Benefit Cost Ratios: Electric Programs
Table 31: Benefit Cost Ratios: All Fuels and Natural Gas Programs72
Table 32: Electric Program Expenditures73
Table 33: Natural Gas and All Fuels Program Expenditures74
Tąble 34: Efficiency Maine Trust FY2016 Amended Budget
as of 9/30/201575
Table 35: PUC Assessments and Revenue Collections

### FIGURES

Figure 1: Growth in the LED Product Market18	Figure 2: Historical Standard Offer Rates19	Figure 3: Summary of the Trust's FCA Actions
Figure 1: Growth in the LED	Figure 2: Historical Standar	Figure 3: Summary of the Tr

÷

.

# **Message from the Executive Director**

second year of the Trust's Triennial Plan II. It also describes the first full year of program implementation of the Trust's electricity-saving programs and expanded critically important funding for programs that reduce heating demand and promote alternative heating systems. In FY2015, the Trust was able to roll out new programs and provisions of the Maine Legislature's 2013 Omnibus Energy Act. That law stabilized the process for funding the investments made possible by the Omnibus Energy Act, including home weatherization and other significant This Annual Report describes the activity of the Efficiency Maine Trust in Fiscal Year 2015 (FY2015) — the thermal energy efficiency investments.

FY2015 marked the first full year of the new Home Energy Savings Program (HESP). Homeowners across the state installed high-efficiency heat pumps, insulation, pellet boilers, and other energy-saving technologies in record numbers. Since its launch in September, 2013, 16, 199 projects have been completed through HESP. This Program is one of the most important ways in which the Trust is advancing Maine's statutory goals of weatherizing substantially all homes whose owners or occupants are willing to participate in, and share the costs of, cost-effective home weatherization and achieving 20% heating fuel savings across the state. In addition to working with a growing network of home performance and heating contractors to deliver these energy-saving technologies to homeowners, the Trust collaborated with several organizations and communities to leverage program incentives with community-based initiatives, including bulk

**3 EFFICIENCY MAINE** 

purchasing. The Island Institute, for example, coordinated air sealing and insulation efforts on several Maine islands, which enabled HESP to reach homeowners who experience higher energy costs but who, because of their remote location, have found it more challenging to weatherize their homes.

The Small Business Initiative had similar goals of targeting hard-to-reach areas and encouraging energy efficiency investments in a sector that traditionally experienced low efficiency program participation rates. The Initiative was designed to overcome the unique barriers to energy efficiency experienced by small businesses by bringing information and technical support to the customer's doorstep, offering enhanced financial incentives, and scheduling and executing energy upgrades using the "direct install" approach. The results were significant: 80% of the Aroostook county businesses receiving assessments undertook lighting upgrades. And the

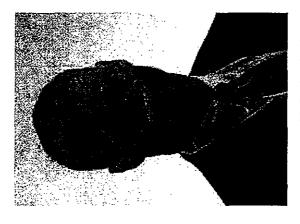
Initiative demonstrated significant energy efficiency opportunity in the sector: participating businesses will average \$1,400 a year in reduced electricity costs as a result of high-efficiency lighting upgrades. Thermal energy efficiency solutions were an important part of Efficiency Maine's Commercial and Industrial Programs as well. Using funds from the Regional Greenhouse Gas Initiative (RGGI), hundreds of businesses installed ductless heat pumps to more efficiently heat and cool office and retail spaces. Industrial customers also benefitted from RGGI-funded thermal efficiency investments, including a large pipe insulation project at Woodland Pulp and Paper that will save the facility \$70,000 a year on process heating costs.

In addition, the Trust delivered Maine's least-cost energy resource – energy efficiency – to a record number of customers. The Trust coordinated with the business MESSAGE FROM THE EXECUTIVE DIRECTOR

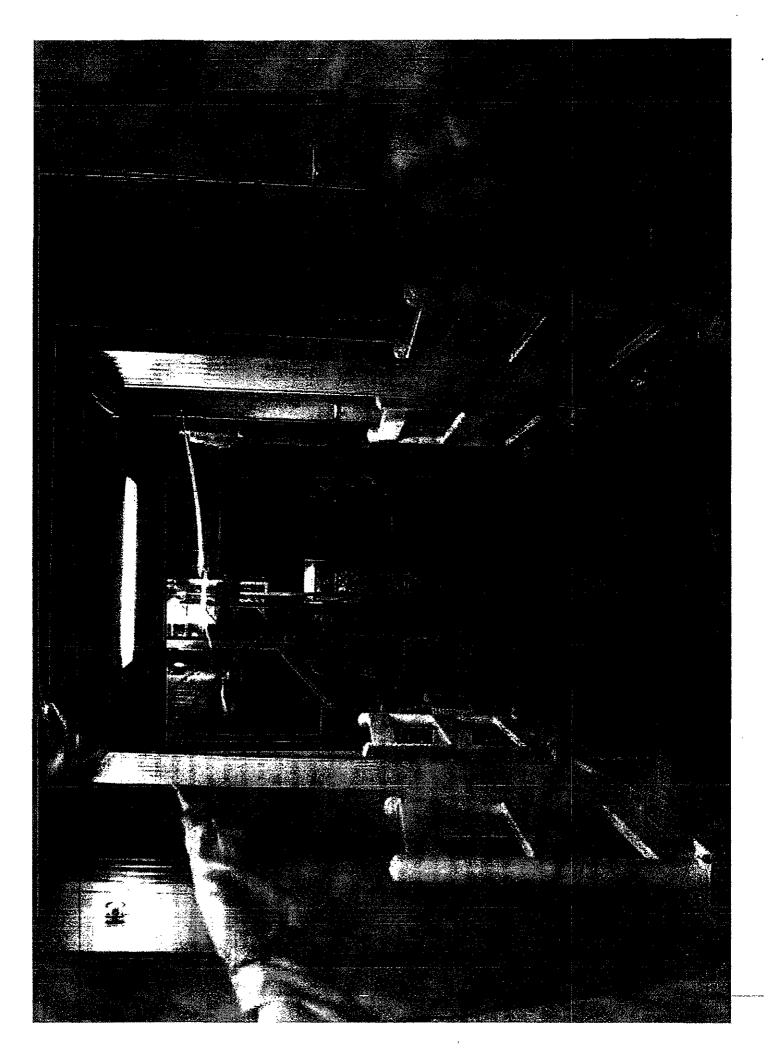
widely promoted as a means to achieve greater comfort, an established part of Maine's public discourse and was results of the campaign were impressive: 5,835 projects homes across the state. In addition to the high levels of energy efficiency solutions as a way to manage energy costs and future unpredictability in energy prices. The Energy Office, and several other groups to encourage program participation, energy efficiency emerged as performed 9,759 projects to reduce heating demand, productivity, and predictability in energy costs while and millions of efficient light bulbs were installed at were completed at Maine businesses, homeowners community, the Maine Public Utilities Commission, homeowners and business leaders to implement the Office of the Public Advocate, the Governor's reducing climate forcing emissions.

FY2015 Business Incentive Program participation levels reached an all-time high: businesses recognized energy efficiency as the most costeffective way to manage their energy costs, and many recognized LED technologies as a timely energy efficiency solution. As efficiency programs expand in the year ahead, the Trust will work to incorporate lessons learned from this surge in participation. In particular, FY2015 revealed that the Trust needs to be nimble in responding to changes in the marketplace and fluctuations in customer demand. Moving forward, the Trust will implement strategies to calibrate incentives and program management to enhance continuity and predictability in program availability.

The program activities and accomplishments that are described in this report would not have been possible without the guidance and oversight of the Trust's Board of Trustees and a very engaged group of stakeholders. We also appreciate the contributions to efficiency program planning and implementation from the Office of the Public Advocate; the Governor's Energy Office; MaineHousing; Community Action Agencies; the Maine Public Utilities Commission; and the Legislature's Energy, Utilities and Technology Committee. Working together to implement the Triennial Plan, we will continue to increase energy expanding the use of cost-effective energy efficiency and other distributed energy resources."



Michael D. Stoddard Executive Director



activities during Fiscal Year 2015 (FY2015), which covered the period from July 1, 2014 to June The Annual Report of the Efficiency Maine Trust (the "Trust" or "Efficiency Maine") describes 30, 2015. It includes the budgets, activities, and results for all programs and related activities administered by the Trust during FY2015.

# Introduction

Some noteworthy estimates of the impacts of the Trust's FY2015 programs include:

- Saving 3.6 million MMBtu over the full life of the measures installed, equivalent to more than 26 million gallons of oil
  - Saving 2.1 billion kWh over the full life of the measures installed
- Avoiding more than \$248 million in wasted energy costs
- Matching more than \$77.7 million of incremental private investment with \$58.4 million of program investment
- Delivering electricity savings at an average levelized cost of 4.2 cents/kWh compared with an average cost of supply of 7.6 cents/kWh
- Delivering heating fuel savings at an average levelized cost of \$12.96/MMBtu, which is equivalent to \$1.80 per gallon of oil
- Supporting 344 small businesses in reducing electricity costs through the Small Business Initiative
- Supporting 9,759 projects to install air sealing, insulation, ductless heat pumps, and heating systems through HESP
- Discounting 2.9 million high-efficiency bulbs

The Efficiency Maine Trust was created by State statute in 2009.<sup>1</sup> The purposes of the Trust include:  Consolidating under one roof the funds for Maine's consumer efficiency programs for all fuel types – electric, natural gas, heating oil and wood – together

7 EFFICIENCY MAINE

with consumer alternative energy programs; • Integrating delivery of electric and thermal efficiency measures so the customer can have

- a one-stop shopping experience; • Acquiring energy resources (efficiency and alternative energy) that cost less than traditional energy supply to help individuals and businesses meet their energy needs at the lowest cost; and,
- Helping to transform the energy market in Maine so that energy efficient products, alternative energy
  - equipment, and related energy services are more accessible and affordable to end-use customers."

The Trust is managed by a nine member board of trustees. During FY2015, New Trustee Donald Lewis, of Nyle Systems, was appointed to the Board. Al Hodsdon, of A.E. Hodsdon Engineers, and David Barber, of AdvancePierre Foods, served as Chair and Vice-Chair, respectively. Brent Boyles, Assistant Adjutant General of the Maine Army National Guard and formerly of Maine Public Service, served as Treasurer and Kenneth Fletcher, formerly of the Governor's Energy Office served as Secretary. Lennie Burke, of Norway Savings Bank, and Scott Dunning, of the University of Maine, also served; Ex Officio members were Patrick Woodcock, Director of the Governor's Energy Office, and John Gallagher, Director of the Maine State Housing Authority.

FY2015 is the fifth year of program activity since the Trust assumed responsibility for administering Efficiency Maine programs, and the second year of

the Triennial Plan II. In FY2015, the Trust leveraged significant foundational work completed in FY2014 to implement significant thermal efficiency programs made possible by the Omnibus Energy Act as well as invest larger electric efficiency budgets. Together these programs promoted electric and thermal energy efficiency, supported homeowners and businesses in managing energy costs, and reduced energy costs for Maine ratepayers.

# SECTORS SERVED

As the Trust continually streamlines and simplifies its programs for the benefit of program participants, programs and initiatives have merged and grown to serve multiple sectors. This Annual Report will describe the Trust's major programs, some of which have been renamed to reflect a more diverse group of program participants. The table below illustrates the sectors served by each Trust program.

## FUNDING

The Trust receives funds from a variety of sources including Maine ratepayers, RGGI, revenues from the Forward Capacity Market and a long term contract with Maine utilities. The Trust is directed by Maine statute to invest these funds to promote more efficient and affordable use of energy and customer-sited alternative energy systems. The following section briefly describes each funding source and shows how the funds are invested through Efficiency Maine programs.

1. See, Efficiency Maine Trust Act, Title 35-A, Maine Revised Statutes, Chapter 97.

TABLE 1: SECTORS SERVED BY EFFICIENCY MAINE PROGRAMS

Programs	Commercial and Industrial	Small Businesses	Multifamily (5+ units)	Residential	Low-Income Households
Business Incentive Program	>	>			
Community Renewable Energy Demonstration Grants	>				
Consumer Products Program	>	>	>	>	>
Home Energy Savings Program				>	>
Large Customer Program	>				
Low-Income Direct Install Initiatives					
Maine Advanced Buildings		>			
Multifamily Efficiency Program			>		
Small Business Initiative		>			
a destruction dense of the state of the second structure of the state	and a second second second as an	terior contractor and a graduation of the second states	and a second	n an Annana an annana manana manana an annana an an an an an an an an	والمستحد والمحالية والمستحد والمستحد والمستحد والمستحد والمحالية والمحالية والمحالية والمحالية والمحالية والمحالية

Note: Multifamily buildings with four units or less are considered part of the Home Energy Savings Program.

*Electric System Benefit Charge:* This funding stream comes from payments made by the utilities directly to the Trust for the procurement of cost-effective energy efficiency. The amount of funding the Trust receives is determined by the budget needed to capture the maximum achievable cost-effective (MACE) energy efficiency potential approved by the Maine Public Utilities Commission. The Trust typically offsets some of the budget necessary to capture MACE through the use of other funding sources.

Maine's largest electric customers, who take service at the transmission or sub-transmission (T&ST) level are ineligible for funding from the Electric System Benefit Charge. Maine Yankee Settlement: The Maine Yankee Settlement funds stem from a settlement with the federal government for the storage of spent nuclear fuel. One of the ways in which the funds are distributed is through the Trust. These funds were allocated to electricity-saving programs to supplement the revenues from the Electric System Benefit Charge.

Natural Gas Conservation Fund: This funding stream comes from an assessment on natural gas local distribution companies. Similar to the standard used to establish the appropriate level of funding for electric efficiency, the amount of the assessment is based on the amount needed capture all the cost-effective natural gas energy efficiency that is achievable and reliable. In FY2015, Unitil was the only natural gas ANNUAL REPORT 2015 8

# **TABLE 2: PROGRAM FUNDING SOURCES**

h		4 ····		y					
Federal/ Other	>			>				a and a second a se	
Renewable Resource Fund		>							
Long-Term Contract					>				
Forward Capacity Market	>			>	>				
MPRP Settlement	>		>		>				
RGGI	>		>	>	>	>	>	>	
Natural Gas Conservation Fund	>		n balan ka su	>		>			
Maine Yankee Settlement	>		>	>	~				
Electric System Benefit Charge	>		>	>	>	>			-
Programs	Business Incentive Program	Community Renewable Energy Demonstration Grants	Consumer Products Program	Home Energy Savings Program	Large Customer Program	Low-Income Direct Install Initiatives	Maine Advanced Buildings Program	Multifamily Efficiency Program	Small Business Inftiative

utility assessed; during FY2015, only Unitil customers were eligible for funding from this fund.

Regional Greenhouse Gas Initiative (RGGI): RGGI is a nine-state regional program to limit carbon emissions from electricity generators. Maine joined RGGI in 2009 when the program was established. Under the program, large generators are required to purchase "carbon allowances" in an amount equal to their carbon emissions. Allowances are sold at quarterly auctions for this purpose. In Maine, proceeds from the auctions are transferred to the RGGI Trust Fund managed by the Trust. The Trust uses RGGI funds for energy conservation programs that reliably reduce electricity consumption or greenhouse gas emissions. The Trust employed the statutory guidelines for allocating RGGI funds: 1) 50% to efficiency investments that reduce electricity consumption or reduce greenhouse gas emissions and that lower energy costs at commercial or industrial facilities; 2) 35% to efficiency investments that lower residential heating energy demand and reduce greenhouse gas emissions; and 3) 15% to the Maine Public Utilities Commission to be disbursed to electricity ratepayers.

Maine Power Reliability Program (MPRP) Settlement: The funds received by the Trust from the MPRP Settlement are governed by a May 7, 2010, stipulation approved by the Public Utilities Commission. Under the stipulation, in FY2015, the

Trust received \$300,000 for the weatherization of low-income homes, \$500,000 for efficiency projects for T&ST customers and \$700,000 that can be used at the Trust's discretion. In FY2015, the Trust allocated its discretionary funds to the Business Incentive Program and the Consumer Products Program. The \$300,000 for the weatherization of low-income homes was carried forward into FY2016 and will be invested through HESP for the benefit of lowincome households.

Forward Capacity Market (FCM): Forward Capacity Market funds are proceeds from the Trust's capacity that is bid into the ISO New England Markets. The compensation the Trust receives from the Forward Capacity Market is for the reduction of capacity provided through qualifying efficiency projects that are tracked and reported by the Trust. *Long-Term Contract:* On October 2014, the Maine Public Utilities Commission approved a long-term contract between the Trust and Maine's two investorowned transmission and distribution utilities for the purchase and sale of energy efficiency capacity resources. Only the Large Customer Program can use funds from the long-term contract. Per the order approving the long-term contract, the Trust will submit annual reports to the Commission indicating the savings from each individual large customer project funded by the contract.

## RESULTS

The Trust's overall program strategies and implementation were similar to those launched in FY2014; investments were far greater in FY2015, however. A significant portion of funds dedicated to new programs in FY2014 were not fully invested until FY2015. FY2015 results reflect the effects of completing a ramp-up to full program activity that was begun in the prior year. The customer demand for electricity-saving projects significantly exceeded what the programs experienced in prior years. In addition, growing awareness of, and participation in, thermal energy-saving role in reducing all energy costs for Maine homeowners and business owners.

The programs administered by the Trust played a critical role in helping Maine businesses and homes take advantage of energy efficiency, educating consumers about product models that save energy, and helping them connect with vendors and contractors. The Trust's programs also provided financial incentives that spurred consumers to choose energy-efficient options over less-expensive, less-efficient options—a choice that will lower energy bills over the long term and put the Maine economy on a stronger footing.

The Trust's costs for acquiring energy efficiency have increased as programs have grown and energy efficiency opportunities and projects have become

more complex. Yet energy efficiency remains the lowest cost energy resource in Maine. On a levelized basis, the cost to save electricity by investing in efficiency upgrades averaged 4.2 cents/kWh, and the cost to save heating fuels (heating oil, propane, natural gas, wood, and kerosene) by weatherizing and installing high-efficiency heating equipment averaged \$12.96/MMBtu, which is equivalent to \$1.80/gallon.

# TABLE 3: COSTS AND SAVINGS FOR ELECTRIC PROGRAMS

Program	Annual kWh Savings	Lifetime kWh Savings	Efficiency Maine Costs	Participant Cost	Lifetime Energy Benefit	Cost/kWh (Lifetime)	Benefit-to-Cost Ratio
Business incentive Program Electric Measures	75,285,380	872,772,692	\$17,162,905	\$16,564,324	\$74,374,992	\$0.03	2.21
Large Customer Program Electric Measures	30,760,921	438,865,951	\$6,983,439	\$5,124,783	\$25,297,712	\$0.028	2.09
Small Business Initiative	5,409,349	70,201,736	\$2,732,147	\$551,767	\$6,330,554	\$0.047	1.93
Consumer Products Program	102,318,679	550,577,702	\$10,817,327	\$20,287,640	\$49,871,614	\$0.056	1.60
Home Energy Savings Program Electric Measures	9,032,603	162,586,854	\$3,564,434	\$1,079,128	\$16,426,509	\$0.029	3.54
Low-Income Direct Install Initiative Electric Measures		14,065,348	\$1,232,373	\$0	\$1,249,631	\$0.088	1.01
Cross-Cutting Strategies Electric			\$863,415				
Administration - Electric			\$2,136,542				
JONAL	224,341,112	2,109,070,284	\$45,492,581	\$43,607,642	\$173,551,012	\$0.042	<b>561</b>

Tables 3 and 4 illustrate the total energy savings and lifetime avoided energy costs associated with each of the programs administered by the Trust in FY2015.<sup>2</sup> Each table also shows the summary of the Trust's costs. These figures include the fnancial incentives given to customers ("participants") and the participants' incremental cost of the energy upgrades. The costs also factor in the Trust's efforts to manage the programs, provide public information and outreach, hold training sessions and provide technical support, and conduct quality con:rol of each program. The benefit-to-cost ratio ind cates the ratio of the financial benefits (from the lifetime

and the incremental costs of the participants. Table 5 provides a summary of the Trust's payments

avoided energy costs) to the costs of the Trust

Table 5 provides a summary of the Trust's paymen during FY2015. As discussed in the Finance and Administration section of this report, the Trust invested over \$58 million in FY2015 to fund the programs described above.

program participants who would have installed the same or equivalent efficiency ("spillover"). Factoring in free-ridership and spillover delivers "net savings," which gross savings calculations based on installation rates and in situ-vertified savings ridership") and the percentage of efficient equipment installed due to program factors developed through program evaluations. Periodically. Efficiency Maine enlists independent third-party contractors to evaluate the savings impacts of Adjusted gross savings is the change in energy consumption and/or demand that results directly from program-related actions taken by participants in an rates. The evaluations also analyze program attribution, including identifying quantifies the savings directly (adjusted gross - free-ridership) and indirectly major programs. The evaluations develop factors to improve the accuracy of (spillover) attributable to the program. Efficiency Maine publishes estimated Efficiency Maine program, regardless of why they participated, adjusted by 2. Savings values reported in the program summary tables and individual influences even though no incentive or technical assistance was received program tables are "adjusted gross savings," unless otherwise indicated. measures on their own even if the program had not been offered ("freefree-ridership and spillover factors in the Technical Reference Manuals

•

TABLE 5: FY2015 PAYMENTS MADE

•

23,913,161

2,220,441

**Administration-General** 

**Residential Programs** 

Amount (\$)

Use of Funds

4,390,447

19,292,921

29,865,449

229,793

- Administration-Res. Program

Руодгат	Annual MM8tu	Lifetime MMR44	Efficiency	Participant	Lifetime Energy	Cost/MMBTu	Benefit-to-	
	Savings	Savings	Maine Costs	Cost	Benefit	(Lifetime)	Cost Ratio	
Business Incentive Program Natural Gas Measures	13,057	260,887	\$242,991	\$66,294	\$1,666,517	\$1.19	5.39	<u></u>
Low-Income Direct Install Initiative Natural Gas Measures	636		\$76,138	\$0	\$95,369	\$5.98	1.25	
Home Energy Savings Program Natural Gas Measures	5,581	127,018	\$307,737	\$1,100,862	\$2,945,103	\$11.09	2.09	<b>4</b>
Maine Advanced Building Program	1,642	32,833	\$113,734	\$106,360	\$335,424	\$6.70	1.52	
Multifamily Efficiency Program	15,909	276,179	\$1,414,082	\$1,762,481	\$4,815,091	\$11.50	1.52	1
Business Incentive Program Other Fuels Measures	31,244	409,193	\$1,095,388	\$6,211,805	\$10,017,712	\$17.86	1.37	
Large Customer Program GHG Measures	26,266	374,124	\$1,808,033	\$1,272,598	\$6,212,210	\$8.23	2.02	
Low-Income Direct Install Initiative Other Fuels Measures	13,700	246,606	\$700,600	\$1,270,337	\$4,547,475	\$7.99	2.31	
Home Energy Savings Program Other Fuels Measures	83,224	1,894,231	\$6,309,776	\$22,334,064	\$43,920,697	\$15.12	1.53	
Renewables-Demonstration Projects			\$220,923					<u>I</u>
Cross-Cutting Strategies All Fuels			\$170,894					
Administration - Alf Fuels			\$496,969					·····
TOTAL	191,258	3,633,797	\$12,957,266	534,124,801	\$74,555,595	\$12.96	1.53	

23,138,575

249,884

– Administration-Bus. Program

- Small/Medium

- Large Custom

**Business Programs** 

- Non-Low Income

-- Low Income

6,476,990

1,119,422

**Cross-Cutting and Alternative** 

Strategies

- Administration-C.C. Program

- Education and Awareness

- Evaluation

88,239

27,498

707,203

220,926

- Alternative Energy Program

75,556

1,747,101

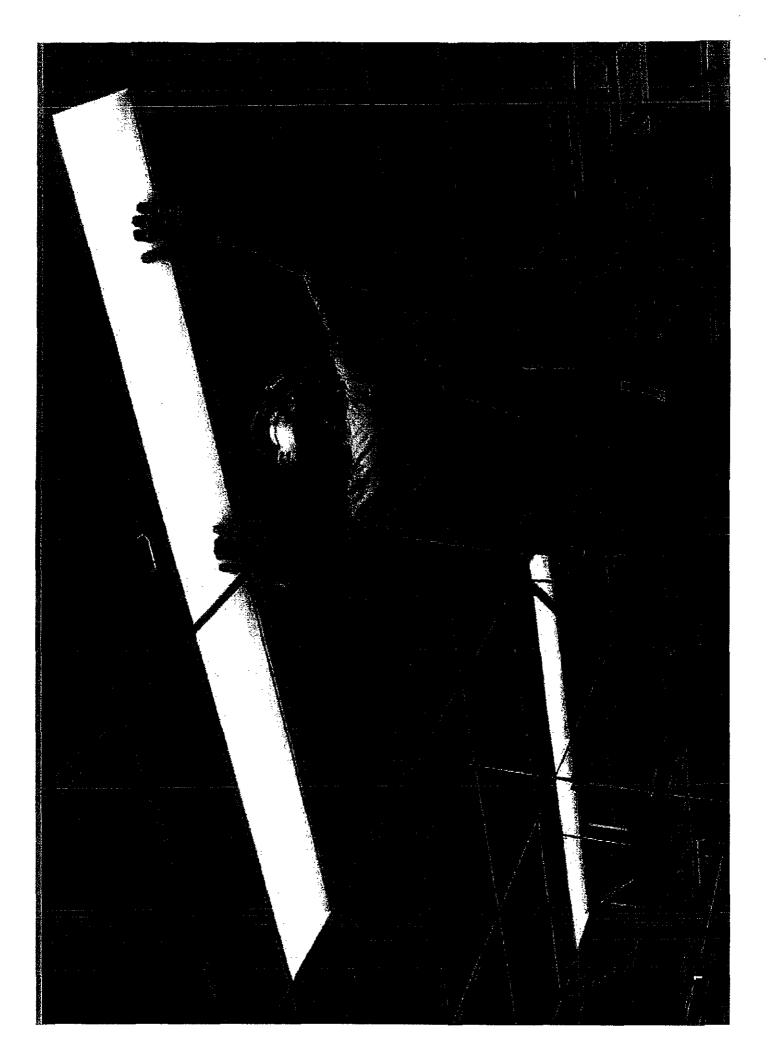
58,865,574

Total Use of Funds-EMT

Other Payments

Innovation

ANNUAL REPORT 2015 12



The following section of the Annual Report provides a short description of each of the programs. Each description generally includes a statement of the main purpose of the program, a brief explanation of the activities undertaken to implement the program, and a summary of any quantifiable results.

The Business Incentive Program provides education, technical assistance, quality completed through the Program. The Trust distributed more than \$16 million in commercial, industrial, municipal, nonprofit, and institutional customers of all sizes. The Program incentivizes proven "off-the-shelf" equipment that is widely applications across the state and across sectors. In FY2015, 5,348 projects were available, represents significant energy-savings opportunity, and has practical control, and financial incentives for energy upgrades and retrofits to Maine financial incentives through this Program in FY2015.

# SECTORS SERVED

Commercial – including non-profit organizations

ана дочеттиени

Industrial

# FUNDS INVESTED

- · · · · Electric System Benefit Charge
  - Maine Yankee Settlement
    - RGGI Funds
- Natural Gas Conservation Fand
  - Forward Capacity Market
- MPRP Settlement
  - Federal/Other

# FY2015 ACTIVITIES

equipment than they would have otherwise. Businesses cost of efficiency measures. The incentives encouraged gas-fired commercial kitchen equipment. The financial incentives, provided in the form of rebates, were used that participate in the program not only experience lighting controls; refrigeration; heating, ventilation, In FY2015, the Program offered fixed-price incentives to reduce the barrier associated with the incremental heaters (and their associated controls); and efficient businesses to retrofit or install more energy-efficient and air conditioning (HVAC) units; variable speed used in Maine businesses, including lighting and drives; premium-efficiency boilers; furnaces and covering the most common efficient equipment other areas, such as lower maintenance costs or lower energy costs but often realize savings in improvements in business processes. Table 6 shows the number of projects conducted under the Business Incentive Program in FY2015. Although lighting projects were the primary program driver, Maine businesses also invested in upgrades to other systems in their facilities, including HVAC, compressed air, and refrigeration efficiency projects.

Lighting, including exterior lighting, was the most popular upgrade among Maine businesses in FY2015. High-efficiency light-emitting diode (LED) lights were a growing area of the Program. LED prescriptive measures in FY2015 included linear LED fixtures of interior space lighting, horizontal LED refrigerator case lighting and

# TABLE 6: FY2015 BUSINESS INCENTIVE PROGRAM PROJECTS COMPLETED

Description	# of Projects	# of Participants
Prescriptive		
- Prescriptive Agriculture	7	7
- Prescriptive Compressed Air	49	. 45
- Prescriptive Ductless Heat Pump	441	414
- Prescriptive HVAC	81	72
- Prescriptive Lighting New Construction	388	330
- Prescriptive Lighting Retrofit	4,257	5,771
- Prescriptive Refrigeration	30	23
- Prescriptive Variable Speed Drive	20	15
- Prescriptive Natural Gas	48	41
Custom		
- Custom Compressed Air	4	4
- Custom HVAC	2	m
– Custom Lighting	11	8
- Custom Miscellaneous	9	Q
- Custom Natural Gas	1	1
<u> </u>	5,347	3.741

high-bay LED fixtures, and exterior building and site lighting. Although prescriptive projects constitute the majority of program activity, Maine businesses also completed custom projects through the Business Incentive Program.

The Program began FY2015 with a sizeable carryforward of electrical budget from the prior year. In order to invest those funds, the Trust raised incentives and ramped up marketing and outreach efforts. This outreach was primarily accomplished by expanding and supporting the Qualified Partner (QP) network. Over the course of the year, a network of more than 700 contractors identified potential customers, developed project opportunities, and submitted electronic applications. These independent QPs are the program's primary marketers by working with their customers and identifying new customers for energy-efficient equipment. The Program communicates with the QPs through a dedicated website and a monthly electronic newsletter. The Trust also hosted three Qualified Partner Advisory Group sessions to share information and gather input from the QP network on changes to the Business Incentive Program.

In addition, the Program participated in supplier open houses and met with professional associations and groups. For the first time in many years, the Program also marketed directly to potential customers, including advertising in trade and business publications, participating at targeted trade shows, and presenting to relevant business groups. In the spring of 2015, the Program announced that it would reduce LED incentives to reflect dropping LED prices and consumer demand that was fast exhausting the available Program budget. In the fourth quarter of FY2015, incentives were suspended for the prescriptive electricity measures to reflect the fact that the authorized budget for this Program had been committed. This suspension did not affect the availability of prescriptive natural gas and all-fuels measures.

# BUSINESS INCENTIVE PROGRAM

# TABLE 7: BUSINESS INCENTIVE PROGRAM ELECTRIC (KWH) RESULTS

	Business Incentive Program Electric Measures
Total Participants	
Total Projects	Total Projects 4,858
Annual kWh Savings	75,285,380
Lifetime kWh Savings	
Efficiency Maine Costs	
Participant Costs	
lefit	
Benefit-to-Cost Ratio	2.21

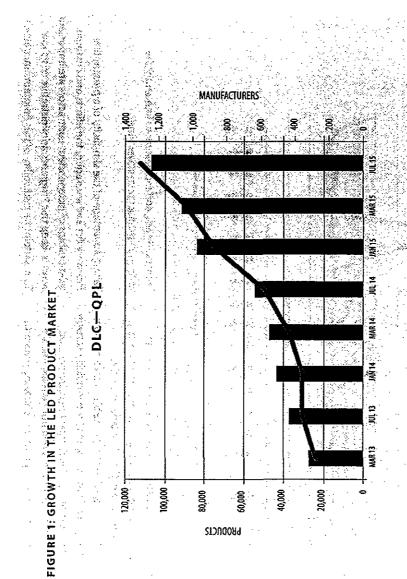
# TABLE 8: BUSINESS INCENTIVE PROGRAM THERMAL (MMBTU) RESULTS

Bu	<b>Business Incentive Program Thermal Measures</b>	ures
	Natural Gas	Other Fuels
Total Participants		414
Total Projects	49	441
Annual MMBtu Savings	13,057	31,244
Lifetime MMBtu Savings	260,887	409,193
Efficiency Maine Costs	\$242,991	\$1,095,388
Participant Costs	\$66,294	\$6,211,805
Lifetime Energy Benefit	\$1,666,517	\$10,017,712
Benefit-to-Cost Ratio	5.39	1.37

## FY2015 RESULTS

Table 7 shows the results for the electricity-saving projects incentivized through the Business Incentive Program. During FY2015, the program completed 4,858 projects for a total lifetime savings of more than 872 million kWh. The savings resulted in a benefit-to-cost ratio of 2.21. Many businesses not only enjoyed the energy savings granted by switching to high-efficiency lights but also the additional security stemming from a well-lit storefront and increased employee productivity and comfort. The interactive effects of efficient lights on heating load are reflected in the participant costs and benefit-to-cost ratio.

Table 8 shows the results for the natural gas and other fuel-reduction measures incentivized through the Business Incentive Program. During FY2015, the Program completed 490 projects in more than 400 businesses for a total lifetime savings of 670,080 MMBtu. These savings resulted in a benefit-to-cost ratio of 5.39 for natural gas measures and 1.37 for other fuel savings. Collaborative initiatives by the delivery team and the Trust's management team enabled the program to achieve extraordinary savings while at the same time reducing delivery costs relative to FY2014. BUSINESS INCENTIVE PROGRAM



# **FY2015 ANALYSIS**

The Business Incentive Program experienced an unprecedented spike in activity in the second half of FY2015, notably with LED lighting upgrades. FY2015 saw significant growth in the number of LED products available in the marketplace and in the number of manufacturers producing these products. The DesignLights Consortium (DLC), a project of the Northeast Energy Efficiency Partnerships (NEEP),

added thousands of LED products to their "Qualified Products List" (QPL), a benchmark for efficient lighting. Figure 1 provides a snapshot of the growth in the LED technology. The Trust relies on the DLC's QPL as a tool for determining eligibility of lighting measures promoted through the Program.

Maine customers and contractors responded to the rapid increase in the number of available products

complemented by public statements from state energy MaineBiz Momentum Convention and various regional or the medium non-residential class, including a spike with expectations and the available budget. Increased efficiency. Figure 2 illustrates historical electricity rates chambers of commerce. These marketing efforts were manage rising energy costs through increased energy and dropping prices – as well as to the expectations officials encouraging Maine's business customers to for high-efficiency equipment and Efficiency Maine customer demand was vigorously promoted by the ncentives. Initially, the rising demand was on track of higher electricity prices, the incentive increases, and the marketing push - with a surge in demand Trust's marketing efforts, which included multiple prominent presence and message delivery at the earned media stories in daily newspapers and a in rates during the winter of 2015.

In the second half of the fiscal year, a newfound urgency for undertaking projects was exacerbated by confusion and concern in the marketplace about the future reliability of the Trust's budgets. This situation stemmed principally from the extensive press coverage of the Maine Public Utilities Commission's rulemaking, and subsequent debates at the Legislature, regarding a cap on electricity ratepayer funding for conservation programs. At the time, the Program was also relying on broad measure categories to set incentive levels. In retrospect, the Trust learned that the categories were overbroad,

INTRODUCTION

FIGURE 2: HISTORICAL STANDARD OFFER RATES

Historic Maine Standard Offer Rates forthe percentage maged with the percentage of the second

Medium Non-Residențial Class on trace and the second second second second second second second second second se

このかい きやたい 大人では人間の あんだいたい ちん あが 「「「「「「「「「」」」」 というできょう . · ; ; \$0.18000 \$0.16000 \$0.14000 \$0.12000 \$0.10000 \$0.08000 \$0.06000 \$0.04000

and did not sufficiently capture differences in prices across different products within each measure category. This approach made it difficult to tailor incentive amounts to the measure cost applicable to each product in a category. The Trust also did not move quickly enough to adjust incentives to reflect market developments as they transpired. The Trust learned from this experience that it needs to design its prescriptive lighting programs to better capture the range of choices, set appropriate

Taking advantage of the simplicity of a prescriptive incentive list and leveraging the efforts and customer relationships of independent contractors are important ways to keep this Program's administrative costs low. To maintain the availability of this Program's incentives

incentive levels, and monitor more frequently the

change in product prices over time.

entra, soloting

St - APN St - das St - IPr

SI- ARM

si - jew

51 - UP(

əi - qəz

41 - YeM

≯1 - 16M

51 - VoV

\$0.02000

Maine Public Service

**Bangor Hydro Electric** 

in the face of big swings in customer demand, the

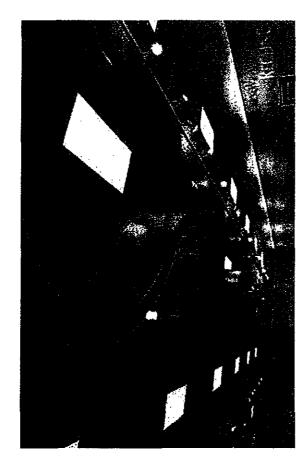
lighting design concepts. These modifications will help adjustments as needed, applying shorter deadlines for project completion, instituting caps on the amount of Trust anticipates implementing a number of program ensure that program budgets are judiciously invested without causing market disruptions from prematurely incentives each business can receive in a year, setting exhausting or, on the other hand, underspending the design changes when commercial lighting measures a maximum percentage of the total project cost, and and efficacies, performing periodic reviews of the are relaunched in FY2017. Potential program design changes may include establishing more granular incentive levels to reflect specific product types appropriateness of incentive levels and making moving from one-to-one replacement retrofits to budget during the course of the fiscal year. While the Program experienced unprecedented levels of activity in lighting measures, it was not able to entice enough activity in natural gas or fuel-saving measures to fully invest the budgets for those measures. The Trust introduced new measures to save gas and oil in FY2015 and has launched a significant outreach effort in FV2016 to drive more program participation.

#### FY2016 PLANS

The Trust will continue to explore ways to enhance access to and participation in thermal energy-saving measures and will prioritize outreach on these fuelsaving opportunities over the next fiscal year. One promising market for the program is new customers

19 EFFICIENCY MAINE

that have already decided to transition to natural gas. These customers are in the process of purchasing new equipment to accommodate a different fuel source, and the Trust believes the natural gas program offers an excellent opportunity to encourage these businesses to purchase more efficient equipment then they would otherwise. The Trust began laying the foundation for the program's expansion to all natural gas utility territories and utility customers in FY2015 and will roll out natural gas conservation programs to all territories during FY2016. All of this Program's electricity-saving measures will remain suspended for FY2016; however, the Program will continue to process projects that were preapproved in FY2015. When the Program relaunches lighting, HVAC, refrigeration, and other measures, the select program design changes described above will be implemented. Program activity and savings from natural gas measures and all-fuels measures will continue in FY2016 as before, with the exception that custom projects will be handled through the delivery channel of the Commercial and Industrial (C&I) Custom Program.



Thousands of Maine businesses upgraded to high-efficiency lighting in 2015, including the Dunn Furniture Company. The switch to LEDs helped make the furniture showroom more inviting and will significantly reduce lighting costs.

grants toward promotion, research, design, and demonstration of emerging clean The Community Renewable Energy Demonstration Grants Program provides

retail customers of electric utilities to the Renewable Resource Fund. The types of projects in progress under the program in FY2015 ranged from solar hot air wall energy technologies. The grants are funded by voluntary contributions from systems to biomass boilers for district heating.

SECTORS SERVED

· Commercial

 Renewable Resource Fund FUNDS INVESTED

# FY2015 ACTIVITIES

competitive bidding process; grant awards are provided that demonstrate uses for renewable technologies and for applications of renewable energy technologies in May 2014, the Trust awarded six demonstration grants. These projects were selected through a support community facilities.<sup>3</sup>

awarded for research and demonstration, and no rebate project was completed in August 2015 (in FY2016) and RFPs) for projects in FY2015. Similarly, no grants were Community Renewable Energy Demonstration Grants Program did not issue any new requests for proposals was completed in November 2015. Due to the limited Mapleton. The Northern Forest grant, which provides were awarded to the Lincolnville Community Library; Northern Forest Center; and Casco Bay Solar Ice, LLC. guidance, and grant management. The solar energy Castle Hill, and Chapman Fire Station; Town of Wells initiative was offered under this Program in FY2015. For each of the grants, the Trust provides oversight, the Biddeford Public Works solar hot air installation City of Biddeford Public Works; Towns of Mapleton, ncentives for and installation of pellet boilers, was extended through FY2016. The Casco Bay Solar Ice projects in Lincolnville and Wells were completed Public Works; Western Maine Community Action/ during FY2015, as was the pellet boiler project in revenues from the voluntary contributions, the

contrasts with all other Efficiency Maine Trust programs that determine cost-Grants is determined using the Modified Participant Cost Test. This approach 3. The cost-effectiveness of Community Renewable Energy Demonstration effectiveness using the Total Resource Cost test. COMMUNITY RENEWABLE ENERGY DEMONSTRATION GRANTS

As required by statute, 35% of the Renewable Resource Fund revenues received during the year were passed through to the Maine Technology Institute to help promote businesses engaged in research and development of renewables.

#### FY2015 RESULTS

Table 9 highlights the six projects that were in progress in FY2015. The Trust does not record any savings associated with projects previously awarded through the demonstration initiative.

# **FY2015 ANALYSIS**

The Trust determined that FV2015 Renewable Resource Fund revenues were insufficient to conduct a meaningful procurement, and funds were held for a larger competitive solicitation for proposals in FV2016. Over the course of the year, Trust staff toured and participated in a number of community events at the installations listed above. In particular, the pellet boiler installation and open house at the Towns of Mapleton, Castle Hill, and Chapman Fire Station sparked a significant local conversation about pellet heat and pellet fuel distribution networks. Located close to a pellet manufacturer, local officials saw the project as an important demonstration of the viability of a locally sourced fuel.

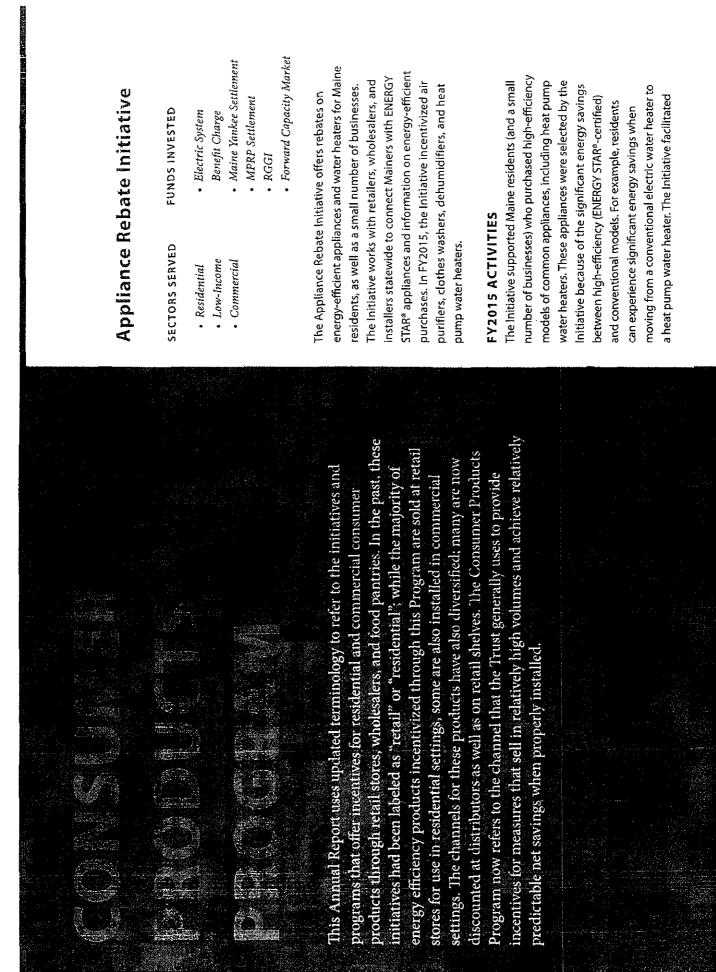
#### FY2016 PLANS

The Trust plans to generate case studies and other information about the demonstration projects for posting on its website and other channels. Future revenues for the Renewable Resource Fund will be directed through competitive solicitations to community demonstration installations of renewable energy technologies and research and development projects. The Renewable Resource Fund received slightly more than \$50,000 in total revenue in FY2015; a similar amount of revenues is forecast

for FY2016. Thirty-five percent of the revenues, as directed by statute, will be passed through to the Maine Technology Institute to help promote research and development of renewables. With limited revenue, activities over the next year will be targeted to projects that will have the greatest impact on demonstrating the lowest cost renewable energy options with the greatest end-user payback in community facilities. The Trust plans to issue an RFP in early 2016 and award one or more grants by the close of FY2016.

# TABLE 9: DEMONSTRATION GRANTS AWARDED

Status	Complete	Complete	Complete	In Process	In Process	In Process
Grant Amount	\$15,000	\$20,800	\$31,620	\$62,500	\$80,000	\$50,000
Description	8 kW PV System on low energy use library	Pellet boiler installation on fire station shared by three towns in Aroostook County	PPA of 36 kW PV on Public Works Building	3,200 sq foot Solar Hot Air Panel Array	Pellet boiler incentives and promotion for light commercial pellet boiler installations	PPA 66 KW PV on Community Ice Rink in high electrical use district
Project Recipient	Lincoloville Libary	MCC Fire Station	Wells Public Works	Biddeford Public Works	Northern Forest	Casco Bay Solar Ice





Jim Robinson of Mainely Plumbing and Heating is one of the many plumbers telling homeowners about the benefits of heat pump water heaters and installing high-efficiency water heaters in record numbers.

these upgrades by reducing the upfront financial nvestment of the more-efficient unit at the point when the consumer's existing water heater must be replaced. The variety of products in the Initiative also addresses different purchasing needs and price points to allow for broad participation. To support these purchases, the Initiative worked with major retailers to encourage the availability of high-efficiency appliance models and to ensure informational materials are available at the point of purchase. In FY2015, the Initiative particularly focused on outreach around heat pump water heaters, given that they remain a relatively new and unfamiliar technology for many Mainers. Outreach included training for in-store personnel, in-store demonstrations and informational materials, and educational materials for residents and installers. The Trust developed a new video on heat pump water heater technologies and installation success stories and made additional informational materials available online.

Research conducted by the Trust found that about two-thirds of heat pump water heaters are purchased in retail locations and the other onethird at distributors; two-thirds of heat pump water heaters are installed by plumbers and the other onethird are self-installed. This diversity of purchasing decisions and installation options required the initiative to market to both residents and installers and to support both retail and distributor locations. A concerted effort in targeting plumbers through

direct outreach resulted in a growing list of contractors familiar with the technology.

Lastly, the Initiative piloted an in-store markdown of heat pump water heaters (similar to the approach used in the Lighting Initiative) combined with a mail-in rebate. The goal was to minimize the out-ofpocket expense for customers with the markdown, while still capturing participant information for program evaluation with the mail-in rebate form. The combination resulted in a significant increase in heat pump water heater sales at participating locations. That said, with the wide range of channels (retailers, wholesalers, Internet sites, etc.), it was difficult to ensure that the markdown was universally available. During the year, the Initiative team concluded that the mail-in rebate was a better fit for the heat pump water heater technology.

### TABLE 10: APPLIANCE REBATE INITIATIVE MEASURES INCENTIVIZED

Description	# of Rebates	Annual kWh Savings per Appliance
Clothes Washer	5,124	
Dehumidifier	1,002	109
Heat Pump Water Heater	2,325	1,687
Room Air Purifier		

### TABLE 11: APPLIANCE REBATE INITIATIVE (KWH) RESULTS

/ / · · ·	Appliance Rebate Initiative	tiative
	Total Participation	Low-Income Participation
Total Participants	8,689	695
Total Appliances	9,122	730
Annual kWh Savings	7,299,525	583,962
Lifetime kWh Savings	75,481,932	6,038,555
Efficiency Maine Costs	\$1,225,276	\$98,022
Participant Costs	\$858,590	\$68,687
Lifetime Energy Benefit	\$7,495,584	\$599,647
Benefit-to-Cost Ratio	3.60	3.60
		THE REPORT OF A DECISION AND A REAL OF A DECISION AND A REAL AND A DECISION AND A

#### 25 EFFICIENCY MAINE

# FY2015 RESULTS

The Trust incentivized 671 air purifiers, 5,124 clothes washers, 1,002 dehumidifiers, and 2,325 heat pump water heaters in FY2015. The number of heat pump water heaters incentivized through the Program increased from 2,035 in the previous year. In total, the appliances installed through the Program are projected to result in 75.5 million kWh of energy savings over the life of the equipment.

# **FY2015 ANALYSIS**

Consumer awareness of and satisfaction with heat pump water heaters grew in FY2015. Despite this growing interest, conventional resistance water heaters remain the most commonly sold electric water heaters in Maine; there remains significant opportunity to encourage more Mainers to purchase high-efficiency models. Unlike air purtifiers and dehumidifiers, which are familiar technologies, most residents and many plumbers are unfamiliar with heat pump water heating technology. Analysis of the retail locations that sold the greatest number of heat pump water heaters revealed the high degree of influence in-store sales personnel have on consumer decision making. Stores with in-store personnel who are enthusiastic adopters of heat pump water heater technology had significantly more sales than others; continuing to train in-store personnel and installers on heat pump water heater technology was and will remain a major focus for the program. The Program also focused on direct

outreach to plumbers during the fiscal year and found that a more diverse set of installers participated in the Program than in FV2014; installation contractors also expressed fewer concerns about the new technology and applicability in Maine homes.

#### FY2016 PLANS

The Trust will continue to focus outreach and education efforts on the less familiar heat pump water heater technology, while still offering other lowerprice-point products that provide energy savings. These outreach and education efforts will continue to target residents and installers. As with other programs and measures, the best advocates for heat pump water heaters are happy customers, and the Trust will continue to explore ways to leverage success stories through educational campaigns and referral programs. The Trust will also focus increased attention on wholesalers and helping motivate them to educate their customers on efficient water heating options. In addition to existing measures, the Trust will explore adding other technologies to the list of eligible measures offered through this Initiative, such as thermostatically controlled shower heads. These measures may require different channel approaches, such as online sales or delivery via mail. This continues the ongoing evolution of the program in terms of measures, incentive amounts, incentive types, marketing approaches, and sales channels.

# Lighting Initiative

#### FUNDS INVESTED SECTORS SERVED

 Commercial • Industrial

Benefit Charge Electric System

- Low-Income
- MPRP Settlement • Maine Yankee Residential
- Forward Capacity Market

Efficiency Maine initiative by supporting residents and bulbs. The purchasing decision for most screw-in lighttive deploys in-store discounts and point-of-purchase ing is made at the store. To influence the customer to choose an energy-efficient product model, this lnitiabusinesses across the state installing high-efficiency Program reaches more participants than any other information, including in-store displays, customer The Lighting Initiative of the Consumer Products demonstrations, and training for store personnel.

# FY2015 ACTIVITIES

meet a growing interest in LEDs on the part of consuming specialty bulbs. LED technology is changing rapidly and prices for LED bulbs dropped significantly over the more total units of LED bulbs, than in years past and to In FY2015, the Initiative focused on providing financial course of the fiscal year. This drop in price allowed the incentives for a growing list of LED bulb types, includnitiative to incentivize more types of LED bulbs, and ers looking for lighting products

more than 4,000 retail personnel in more than 400 retail As in previous years, supporting customers at the point ocations. This in-store information was complemented primary focus for the Initiative. The Initiative facilitated in-store demonstrations and promotions, and trained Efficiency Maine website and social media platforms. of purchase, typically at major retailer stores, was a with educational materials on lighting choices and lighting terminology and other resources on the

distributors as a distribution channel in FY2015. While most Initiative activity occurred at major retailers, the Program also added lighting

switch to an Efficiency Maine-directed distribution work to help deliver efficient bulbs to low-income customers. However, space constraints at the food herd Food Bank's warehouse and distribution net-FY2015 also marked a transition for the Program's Program was able to benefit from the Good Shepute bulbs directly to food pantries in FY2015. The outreach to low-income Mainers. In the past, the network was smooth and the program was able to distribute 422,356 bulbs, without requiring a bank necessitated that Efficiency Maine distribcustomer co-pay, to food pantry customers.

## **FY2015 RESULTS**

3 million discounted bulbs through retailers, lighting In FY2015, the Lighting Initiative distributed almost distributors, and food banks. These energy-efficient bulbs are projected to generate more than 476.3

has achieved the most equitable application of funds of bulbs, the easy access to product at store shelves measure selection promoted through this Initiative million kWh in lifetime savings. The low price point graphic areas of the state. The program design and throughout the year, and the high savings rate per dollar of investment has resulted in broad distribution of benefits across all income levels and geoof any program offered by the Trust.

initiative has been affected by federal standards (Energy regulating the energy efficiency of the lighting industry. claimed per bulb. Nonetheless, energy-efficient lighting incandescent bulb baseline to a halogen bulb baseline). emains a cost-effective energy efficiency investment. As the Initiative has included more LEDs, the price per oulb incentivized has increased. But falling LED prices EISA has caused efficiency programs to assume more as in years past. The lifetime energy savings resulting energy-saving calculations (improving from the old enabled the Initiative to incentivize as many bulbs from CFLs and LEDs have dropped as the Lighting ndependence and Security Act [EISA] standards) These changes have dropped the energy savings efficient bulb sets as the baseline when making

#### FY2015 ANALYSIS

investment dollar despite an anticipated drop in energy savings due to the price difference between LEDs and The Initiative achieved significant energy savings per esulting from EISA standards. Consumer satisfaction CFLs and reduced lifetime energy savings per bulb

#### TABLE 12: LIGHTING INITIATIVE: RETAIL (KWH) RESULTS

	Total Participation	Low-Income Participation
and the second se	2,754,743	790,204
Total Bulus	74,451,431	21,101,079
Lifetime kWh	372,867,737	:05,667,715
Savings Efficiency Maine	\$7,942,083	\$1,972,075
Costs	\$15,306,264	\$4,138,255
Participani cusso Lifetime Energy	\$33,715,869	\$9,602,747
Benefit	1,45	1.57

#### TABLE 13: LIGHTING INITIATIVE: DISTRIBUTOR (KWH) RESULTS

140r	20,618,745	103,444,1	\$1,649,968	\$4,122,786	\$8,660,161	1.50	A CANADA A A ANALYSIA A A ANALYSIA A A ANALYSIA A
Lighting Initiative: Distributor	, yn wie , wernederne	vings	ings			Jy Benefit	st Ratio
	Total Bulbs	Annual kWh Savings	Lifetime kWh Savings	Efficiency Maine Costs	Participant Costs	Lifetime Energy Benefit	Benefit-to-Cost Ratio

with LEDs is high, but program participants encounter a diverse array of lighting choices at the store. While LED technology and product design has shifted to mimic the look and feel of traditional incandescent bulbs, consumlook and feel of traditional incandescent bulbs, consumlook and feel of traditional incandescent bulbs, consumconfusion remains. The Trust works with retailers to er confusion remains. The arectore encourtion about lighting continue to overcome a lack of education about lighting.

administrative process of the Business incentive Program was sometimes unnecessarily burdensome. Furthermore, past program evaluations revealed that some buibs purto serve all screw-in lighting customers, which resulted market sector, the Trust modified the Lighting Initiative settings, and also that bulbs purchased at distributors handling of simple bulb replacement measures, whether chased in retail locations were installed in commercial customers had been incentivized through the Business Incentive Program; the Trust found that the application settings. Rather than dividing lighting incentives by for C&I customers or residential customers, through the process through that channel was intended to handle channel of "upstream" distributors. Previously, screw-in LEDs that were intended for installation in Maine's C&I more-sophisticated lighting retrofit proposals. In the simple one-for-one screw-in bulb replacements, the were installed in both commercial and residential situation where contractors were seeking to install A successful modification in FY2015 was to include in valuable administrative efficiencies.

# RETAIL LIGHTING EVALUATION

**RETAIL LIGHT** investigations of its major programs. A dent, third-party evaluations of its major programs. A dent, third-party evaluation of the process and impact of comprehensive evaluation of the process and impact of the Retail Lighting Initiative the Retail Lighting Program (now the Lighting Initiative the Retail Lighting the successful energy savings and FY2015, confirming the successful energy savings and cost-effectiveness of the program. The evaluation team cost-effectiveness of the program. The evaluation team interviewed program data, including savings assumptions reviewed retail partners; collected on-site data through interviewed retail partners; collected on-site data through interviewed retail partners; collected on-site data through the economics of the electricity savings, the evaluation the economics of the program achieved a Total determined that, in FY2014, the program ach

In addition, the evaluation found that Maine residemts are more satisfied with CFLs and LEDs than residemts are more satisfied with CFLs and LEDs than had been measured in past evaluations, and more had been measured in past evaluations, and more participating retail stores and food pantries indicated participating retail stores and food pantries indicated participating retail stores and food pantries indicated participating retail stores of efficient bulbs, the upward momentum for purchases of efficient bulbs, the upward momentum for purchases of efficient bulbs, the upward momentum for purchases of efficient bulbs, the aduation found that 48% of residential light sockets evaluation found that a screw-in incandescent of halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulb and have the potential to be converted to halogen bulbs, and the other half were found to contain standard screw-in bulbs. The evaluation found contain standard screw-in bulbs.

that Efficiency Maine has begun to transform these standard sockets: incandescent bulb usage in standard sockets has decreased from 58% to 41% since the last lighting evaluation, which was performed in 2011.

percentage of program participants whose decision was a very elastic product. By analyzing the changes in sales responsive to changes in its price. Retail light bulbs are rose from 66.0% in the 2011 evaluation to 79.4% in the able to project what the sales would be in the absence have purchased the same bulb anyway. Price elasticity to occur without the Program compared to the actual of the Program incentives. The ratio of sales projected The evaluation also found that the net-to-gross ratio the 2011 evaluation, so a comparison is not possible. The evaluation found a net-to-gross ratio for LEDs of volume at various incentive levels, the evaluators are free-ridership, though it does have some limitations. program, a reliable way to assess program influence, good or service for which the quantity demanded is not influenced by the incentive because they would Potentially one of the most influential shortcomings 76.8% in the 2011 evaluation. The net-to-gross ratio 2015 evaluation for CFLs. LEDs were not included in elasticity of the efficiency measures as the incentive is assessed by analyzing the impact of the program Program sales defines the free-ridership ratio - the level changes. An elastic product is defined as any analysis is a well-established means of estimating is that price elasticity cannot account for program on consumer choice. For a major retail buy-down and therefore attribution, is to analyze the price

influence beyond financial incentives and therefore will treat as free-riders those participants whose purchase choice was influenced by other program aspects, such as education, product availability, and product placement. It is likely that this limitation contributes to overestimating the free-ridership ratio.

recommended that the Trust assume that 0.0019 MMBtu costs and the benefit-to-cost ratio. The evaluation report Trust could adjust electric savings and quantify heating During cooling season, it reduces air conditioning load. kWh of savings attributed to the installation of efficient interactive effects and to provide factors by which the of heating energy load would be increased for every 1 shift to high-efficiency bulbs causes a reduction in the neat is presumed to be compensated for by increasing The Trust asked the evaluation team to quantify these waste heat that is generated by inefficient lights. Durthe heating load of a home's primary heating system. As the Trust has reported in prior annual reports, the reflected in the "Participant Costs" and the benefit-toing heating season in Maine, this reduction in waste indoor lighting. The cost of this heat load increase is cost ratio reported in the summary tables. The evaluation also recommended that the Trust transition away from specialty CFL incentives in exchange for specialty LEDs and continue to add more LED offerings for all bulb types. Finally, the evaluation encouraged the Trust to continue to focus on food pantries and continue that channel as a way to serve the low-income sector.

#### FY2016 PLANS

A recent residential baseline study estimated that at least 6 million bulbs will be replaced in Maine's residential sector each year for the next several years. The study found that 28% of residential sockets were outfitted with CFLs and 9% with LEDs, exhibiting penetration levels for high-efficiency bulbs that are attributable to the impacts of past Initiative activity. Yet those numbers also indicate that there remains significant energy-saving opportunity for highefficiency lighting in the residential sector with additional opportunities for screw-in bulbs in the commercial sector. As described above, the Trust is implementing several of the suggestions made by the evaluation team, including phasing out specialty CFLs and increasing the number and diversity of LEDs incentivized through the Initiative. In addition, the Trust will continue to focus on distributing bulbs to low-income Mainers through the Initiative in FY2016. Finally, the Trust will carefully monitor how the national standards affect local markets over time and the implications on the cost-effectiveness of lighting investments.

HESP serves as the framework for market-based weatherization and heating demand reduction achieved through a combination of rebates, financing, and customer education. HESP is designed to raise awareness about the benefits of home weatherization and to encourage Maine homeowners to make energy efficiency upgrades.

#### SECTORS SERVED

 Residential (including low-income homes and multifamily homes up to four units)

#### FUNDS INVESTED

- · RGGI
- Forward Capacity Market
- Electric System Benefit Charge
- Måine Yankce Settlement
   Natiral Gas Conservation Fund
- Federal/Other
- MPRP Settlement

# FY2015 ACTIVITIES

FY2015 marked the first full year of Phase 2 of HESP<sup>4</sup> HESP targets residential customers, including single family homes, multifamily homes with up to four units, new construction, and low-income households. Program activity in FY2015 fell into one of three categories of measures: supplemental heating systems, central heating systems, and building envelope improvements. Program activity was generally high through the course of the year, although it slowed during the late winter and early spring months. To maintain customer awareness and demand, the program undertook modest outreach campaigns, particularly in the spring when home energy efficiency project activity typically declines. The Program delivered targeted outreach to Unitil natural gas utility customers; published advertisements in the home improvement section of Maine newspapers; and also continued its robust, highly cost-effective web campaign, advertising with online media channels, including Hulu, YouTube, Pandora Radio, and Google ads.

4. Starting in 2010, the Trust administered Phase 1 of HESP using federal funds from the American Recovery and Reinvestment Act (ARRA). The ARRA funds used to pay insulation and heating system rebates through HESP were exhausted by 2011. The program design has evolved modestly from Phase 1 to Phase 2. The main change was the Introduction of a prescriptive menu of measures and the elimination of the requirement to model threshold savings on each project. HOME ENERGY SAVINGS PROGRAM

The HESP delivery team also made routine visits to communities, attended public events throughout the state, and generated earned media by conducting media interviews on the benefits of the program and of energy efficiency in general. The delivery team engaged the home performance contractor community directly through phone and email communications, as well as through the use of monthly webinars. Over the past year, input received helped identify program design improvements.

In addition to direct rebate incentives, HESP maintained a variety of loan product offerings in FY2015. These loan products included PACE, PowerSaver, and unsecured energy loans.

In late FY2015, the Trust also launched an initiative for low-income customers. Funded through MPRP Settlement funds, this initiative paired increased incentives for weatherization measures with smaller micro-loans. This approach leveraged the full network of Efficiency Maine contractors to reach low-income residents, including renters and Mainers who are Low Income Heating Energy Assistance Program (LIHEAP)eligible but who have not applied for fuel assistance. In addition, the loans made available through this low-income pilot allowed for a greater debt-toincome ratio than other unsecured energy loans.



Efficiency Maine's Dana Fischer joins Lee Nelson on WCSH6's Morning Report to discuss home heating solutions and the Home Energy Savings Program.

HOME ENERGY SAVINGS PROGRAM

TABLE 14: HOME ENERGY SAVINGS PROGRAM (MMBTU) RESULTS

	Natural Gas	Other Fuels
Total Participants	217	3,234
Total Projects	239	3,566
Annual MMBtu Savings	5,581	83,224
Lifetime MMBtu Savings	127,018	1,894,231
Efficiency Maine Costs	\$307,737	\$6,309,776
Participant Costs	\$1,100,862	\$22,334,064
Lifetime Energy Benefit	\$2,945,103	\$43,920,697
Benefit-to-Cost Ratio	2.09	1.53

# TABLE 15: HOME ENERGY SAVINGS PROGRAM (KWH) RESULTS

Total Participants	5,787
jects	5,954
avings	9,032,603
Lifetime kWh Savings	162,586,854
	\$
Participant Costs	\$1,079,128
Lifetime Energy Benefit	\$16,426,509
Benefit-to-Cost Ratio	3.54

### FY2015 RESULTS

As with the first year of program activity, heat pumps remained the most popular program measure; Maine homeowners installed more than 6,200 mini-split, ductless, cold climate heat pumps in FY2015. There was also significant interest in pellet boilers: 287 were installed in Maine homes through the program year. Activity in high-efficiency wood and pellet stoves was lower than anticipated, and the incentives on those solutions were increased in the fall of 2015 to spur greater activity. In FY2015, Efficiency Maine provided 518 loans supporting \$4.7 million worth of home energy upgrade projects; unsecured loans accounted for 70% of dollar volume and 79% of the total number of loans administered by the Trust. The average amount financed per loan was \$9,000. (Since the Trust started offering loans for home energy upgrades, more than 1,400 projects have been financed; total funds lent exceed \$15 million). Fewer than 1% of loans of any type offered under HESP are more than 60 days delinquent, and none have been classified as in default.

Table 14 summarizes the thermal energy-saving results of HESP. In FY2015, the program also completed 3,451 home energy upgrades for a projected lifetime energy savings of \$46.9 million. These energy-saving projects will save Mainers more than 2.0 million MMBtu (equivalent to nearly 14.5

million gallons of heating oil) over the lifetime of the measures. These savings will significantly lower current and future energy costs throughout Maine.

States in the second states of the

Table 15 summarizes the electricity reduction results of HESP. In FY2015, the program also completed 5,954 ductless heat pump installations for a projected lifetime energy savings of \$16.4 million. This initiative resulted in a benefit-to-cost ratio of 3.54.

# **FY2015 ANALYSIS**

As in FY2014, the Program was popular and continued to spur significant co-investment on the part of Maine residents. The Trust's push to add unsecured energy loans to the loan portfolio in FY2014 paid dividends throughout the year, with more and more homeowners financing smaller energy projects through the Trust. Most participants in FY2015 chose only one of the energy improvements eligible for a rebate under the Program. The ductless heat pump was one of the most popular solutions. The Trust is exploring modifying incentive amounts and incentive caps to spur homeowners to undertake more than one improvement at a time. Given increasing numbers of returning customers, it appears that the Program's efforts toward supporting a staged approach to home energy upgrades are working. As noted above, last year showed low numbers of applications for high-efficiency wood and pellet stoves; the Program instituted an incentive change to promote greater uptake of these measures and selection of higher efficiency systems.

#### FY2016 PLANS

HESP plans to roll out enhanced incentives to low-income homeowners for participation in the program. The Program will also initiate marketing to homeowners in Bangor Natural Gas and Maine Natural Gas utility territories as they become eligible for efficiency program participation in FY2016. The program will continue to monitor the rate of measure uptake and budget use, and will consider whether changes to incentives or measure eligiblity are warranted. This review will include assessing whether market-based rebates, enhanced for lowincome customers and paired with micro-loans, are effectively serving the low-income market.

The Program also will continue robust marketing and outreach to maintain program activity and to counteract any reduced demand due to lower costs of heating fuels. In FY2016, the Program plans to continue use of the broad array of marketing channels currently being used. In particular, the Program will increase Efficiency Maine's presence on social media to provide education and tips, and facilitate friends and neighbors sharing success stories and energy-saving results.

# FY2015 ACTIVITIES

providing free scoping audits to identify projects. The In FY2015, the program completed 23 scoping audits. in prescriptive measures and smaller custom projects those audits to customers lacking in-house expertise. dentified through the scoping audits, more than 400 Business Incentive Program for projects that resulted who had previously expressed interest in developing allocated to this Program was the largest it had been program offered free scoping audits to customers to attract new customers and focused the marketing of and 17 resulted in custom projects or referrals to the what most energy contractors or vendors are willing new complex projects at their facilities. The budget completed in FY2015. The costs and benefits of the outside contractors and vendors to identify energy n the past three years. Maine businesses relied on value of the scoping audits, it bears reporting that customers to the program and helping customers customer outreach was targeted to overcome this in FY2015, the Program focused on attracting new energy upgrades processed through the Business projects require site-specific engineering beyond that program, not here under the Large Customer Program. However, for purposes of analyzing the efficiency opportunities. However, most of these lack of site-specific assessment and expertise by Three of these resulted in a more in-depth study to explore on speculation. In FY2015, the Trust's generated by completed projects that had been Incentive Program are included in the results of of the more than 1,300 annual MWh of savings

specific applications that involve unique engineering analysis and/or projects with offerings. This program is designed to overcome the barriers confronting Maine's businesses and institutions when making investments in complex or uncommon energy conservation measures that are not covered in the prescriptive incentive The Large Customer Program includes energy efficiency projects involving siteparticipating customers to make important facility improvements and free up energy efficiency and distributed generation projects. These projects enable Electric System Benefit Charge Forward Capacity Market Maine Yunkee Settlement MPRP Settlement FUNDS INVESTED RGGI operating budgets. SECTORS SERVED Commercial Industrial

LARGE CUSTOMER PROGRAM

MWh, or about 30%, were ultimately processed as referrals to the Business Incentive Program.

In addition, the Trust administered technical assistance grants. These grants were used to expand private sector business development activities around complex energy efficiency and distributed generation projects. The Program approved 10 technical assistance incentives over the course of the year. Of nine studies completed across the past two fiscal years (FY2014 and FY2015), five projects were approved for investment and one was completed in FY2015. The Trust anticipates that three more of these technical assistance grantees will follow through with viable project installation applications in FY2016.

Over the course of the year, the Trust worked closely with several key groups with large facilities, including the Maine Healthcare Association. In addition, Trust staff and the program team spent considerable time evaluating very large efficiency projects. In the course of normal outreach activities, the team encountered large projects that would result in transformational savings for two businesses and a significant positive impact on Maine ratepayers. The team spent time with these major employers to identify energy efficiency opportunities: that could fit into the long-term contract model; the delivery costs associated with identifying and developing these projects are reflected below, but the savings will not be reported until the projects are completed.

TABLE 16: ECONOMIC SUMMARY OF PROJECTS RESULTING FROM SCOPING AUDITS

		Annual Energy Impacts	gy lmpacts		Economics	mics
Measure Category	AWh	Winter Peak (KW)	Winter Peak Summer Peak (kW) (kW)	CO <sub>2</sub> e (Tons)	Incentive	Lifetime Savings
Large Custom Projects	926	68	92	496	\$317,663	\$
Small Custom Projects (<\$100,000 incentive)	241	68	œ	0	\$52,161	\$399,926
Prescriptive Projects	180	21	21	0	\$29,320	\$215,383
Total	1,346	178	121	496	\$453,144	\$453,144 \$1,998,906

LARGE CUSTOMER PROGRAM

#### TABLE 17: LARGE CUSTOMER PROGRAM (KWH) RESULTS<sup>s</sup>

Jotal Participants	9
	21
1	30,760,921
	438,865,951
Costs	\$6,983,439
Participant Costs	
Lifetime Energy Benefit	\$25,297,712
Benefit-to-Cost Ratio	2.09

## TABLE 18: LARGE CUSTOMER PROGRAM (MMBTU) RESULTS

Total Participants	5
Total Projects	5
Annual MMBtu Savings	26,2
Lifetime MMBtu Savings	374,124
Efficiency Maine Costs	\$1,808,033
Participant Costs	\$1,272,598
Lifetime Energy Benefit	\$6,212,210
t-to-Cost Ratio	

# FY2015 RESULTS

Tables 17 and 18 show the results for the Large Customer Program, separated into savings of electricity (measured in kWh) and savings of other energy (measured in MMBtu), most notably oil and natural gas. During FY2015, the program awarded incentives to 26 projects for a total lifetime savings of approximately 439 million kWh and 374,124 MMBtu. The savings resulted in a benefit-to-cost ratio of 2.09 for electric measures and 2.02 for greenhouse gas reduction projects. Incentives paid by the Trust leveraged more than \$6.3 million in incremental private investment.

# **FY2015 ANALYSIS**

Streamlining the Program's process for identifying projects and reviewing applications through Program Opportunity Notices (PONs) this year enabled the Trust to reach more customers and diversify the pool of businesses applying for the Program. The Trust was also able to identify some of the largest efficiency projects ever considered in Maine. Although those projects exceed annual budget amounts, the Trust will pursue additional long-term funding contract mechanisms with those businesses.

The Program requires a long time horizon for project planning and execution. A number of scoping audits and technical studies that were begun or funded in FY2014 resulted in successfully completed projects in FY2015 (several more that were started at that time are still under way in FY2016). Many of the scoping

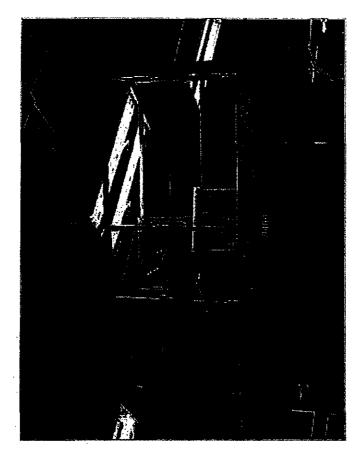
audits and technical studies funded in FY2015 are anticipated to result in projects in FY2016. The number of projects resulting from scoping audits and technical assistance studies suggests that the Program's approach of dedicating resources to those activities is both important and effective. The multiyear project planning horizon can be supported with consistent funding and a planning process that can accommodate a project in one fiscal year or the next.

#### FY2016 PLANS

The Program opens FY2016 with 21 potential projects in various stages of planning and execution. In FY2016, the Trust anticipates maintaining the Program strategy and activities consistent with what was done in FY2015. Marking a small change in program design, the Trust is instituting a transition of the program name which, going forward, will be fact that the defining characteristics of this program relate to developing and screening custom projects. Eligibility is open to medium-sized C&I customers, as well the large customers that traditionally have been the focus of outreach in this program.

5. At the time of publication, the Trust has reason to believe that one project funded through the Large Customer Program in FY2015 may not continue operating and will not produce the savings that was forecasted when the project was approved. The Trust's cost of the project are reflected above but the report assumes no savings from that project. In the event that the project returns to operation, the Trust estimates that lifetime program savings would exceed 1.5 billion kWh and the benefit to cost ratio would increase to 3.71

LARGE CUSTOMER PROGRAM



Maine Machine is a leader in precision manufacturing at its 65,000 square foot, state-of-the art facility in South Paris where it makes products used in the aerospace, defense and energy industry for distribution throughout the U.S. With support from Efficiency Maine, the company installed high-efficiency lighting fixtures that consume less power while providing better light to the production floor. Maine Machine also installed HVAC controls that are projected to save up to 50% on heating and cooling costs.

these projects using RGGI funds or, where there was channel, for example, to develop efficiency projects combined heat and power projects), with electricity measures that cost-effectively saved 23,536 MMBtu Natural Gas Conservation Fund for custom projects gas utilities. C&l natural gas customers will use this of natural gas per year for the life of the measures. In FY2015, the Trust paid the costs associated with also an electricity savings (as in the case of certain In another change, going forward the Program will be used as a channel for investing a portion of the nonetheless the Program did expend \$400,200 on related to use of natural gas for industrial process heating. It is also worth noting that, although no support the Large Customer Program in FY2015, that save natural gas transported through local Natural Gas Conservation Funds were used to conservation funds. In the event that future project proposals show potential for significant, cost-effective electricity savings yet fall outside of parameters of the existing program guidelines and criteria contained in the open PONs (i.e., by requiring a financial incentive that exceeds the cap in a PON), the Trust may work with customers to bring specific funding requests to the Public Utilities Commission for consideration of funding through a long-term capacity contract.

income customers in those market-based programs is reflected in the other report Report describes the Trust's initiative to install efficiency measures directly at the customer's home — called the "direct install" approach. The other programs that report) — are delivered using a market-based approach. The participation of lowcustomers through several programs and initiatives. This section of the Annual Consumer Products Program and HESP for weatherization and heating system upgrades (descriptions of these programs can be found in other sections of this The Efficiency Maine Trust delivers energy-saving opportunities to low-income provide benefits to low-income customers - the Lighting Initiative (including food pantry light bulb distribution) and the Appliance Rebate Initiative of the sections, not in this section.

SECTORS SERVED

Low-Income

FUNDS INVESTED

Electric System Benefit Charge

· RGGT

- Natural Gas Conservation Fund

In FY2015, Low-Income Direct Install included two separate initiatives. The first invested RGGI, Electric System Benefit Charge, and Maine Yankee funds in electric- and thermal-saving measures. These measures included heat pump water heaters and ductless heat pumps, which were installed in low-income households throughout the state. The second initiative invested funds from the Natural Gas Conservation Fund in gas-saving measures in lowincome households located in Unitil territory.

As a general rule, at least 10% of electricity and natural gas program budgets are allocated to programs that benefit low-income custorners. The budget investments described below are limited to those funds invested in direct installation projects.

# FY2015 ACTIVITIES

In FY2015, the Low-Income Direct Install Initiatives were implemented through a partnership between the Trust and Community Action Agencies (CAAs) to install high-efficiency supplemental heating systems (ductless heat pumps) in eligible homes.<sup>6</sup> The Trust also added funds to the program to capture electricitysaving measures. Beginning in January 2015, the CAAs also began to replace operating, inefficient electric water heaters with heat pump water heaters. These installations were bundled with other electricity-saving measures, including low-flow shower heads and CFLs.

Eligibility was defined as LIHEAP-eligible and with annual heating bills in excess of \$2,500.

LOW-INCOME DIRECT INSTALL INITIATIVES

TABLE 19: LOW-INCOME DIRECT INSTALL INITIATIVE (KWH) RESULTS

Electric Measures	easures
Total Participants	635
Total Projects	
Annual kWh Savings	1,534,180
sõu	14,065,348
Maine Costs	\$1,232,373
Participant Costs	\$0
Lifetime Energy Benefit	\$1,249,631
efit-to-Cost Ratio	

TABLE 20: LOW~!NCOME DIRECT INSTALL INITIATIVE (MMBTU) RESULTS

Non-Ele	Non-Electric Measures	
	Natural Gas	Other Fuels
Total Participants	7	223
Total Projects	59	223
Annual MMBtu Savings	636	13,700
Lifetime MM8tu Savings	12,728	246,606
Efficiency Maine Costs	\$76,138	\$700,600
Participant Costs	\$0	\$1,270,337
Lifetime Energy Benefit	\$95,369	\$4,547,475
-to-Cost Ratio	1.25	2.31

Efficiency Maine Trust reimbursed the CAAs a fixedprice incentive for each installed measure. The initiative targeting natural gas conservation in low-income households invested \$76,138 in natural gas-saving measures, including air sealing, insulation, and high-efficiency heating systems. The program upgraded apartment buildings inhabited by lowincome tenants in Unitil's service territory.

### FY2015 RESULTS

The Low-Income Direct Install Initiatives installed 223 heat pumps in low-income households experiencing high heating costs. These installations are projected to save 13,700 MMBtu, equivalent to 98,563 gallons of oil over the life of the measure and more than \$4.5 million in heating costs. Although the heat pump water heater and other electrical conservation measures were added to the program only halfway through the fiscal year, 635 high-efficiency heat pump water heaters. These heat pump water heaters and other electriciency heat pump water heaters. These heat pump water heaters and other electricity-saving measures will save participating households more than 14.0 million kWh over the lifetime of the measures.

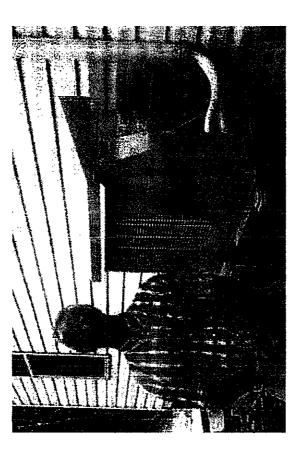
The Initiatives will also help low-income natural gas customers in Unitil territory save 12,728 MMBtu and reduce heating costs by \$95,369 over the life of the installed measures.

# FY2015 ANALYSIS

Efficiency Maine Trust developed the direct install initiatives in collaboration with the CAAs and using existing CAA procurement practices where possible. The CAAs are in regular contact with eligible homeowners and renters in their areas as the conduit for UHEAP requests, and Efficiency Maine is able to locate and identify eligible households across the state through this network. The CAAs use of their existing networks and intake procedures, and their competitive procurement practices, tend to reduce the Program's delivery and installation costs.

basements), these measures significantly reduced the operating expenses for the participating low-income perform comprehensive energy upgrades (including complements CAA programs that undertake whole-Ductless heat pumps and heat pump water heater measures was less than what would be required to 'ull weatherization of the building envelope), the possible. This menu-based direct-install approach low-income households. While the technologies households. Because the project cost of these nstallations can reduce energy costs in many are not suitable for all situations (for example, Program was able to provide benefits to more heat pump water heaters are best installed in households than would otherwise have been nouse weatherization projects.

# LOW-INCOME DIRECT INSTALL INITIATIVES



Michael Bush, Director of the Penobscot Nation Housing Department, poses next to a heat pump recently installed in a Penobscot Nation home.

business. Moreover, the retrofits are significantly more equipment plus all associated labor costs for program from consideration and the measure cost is limited to delivery and equipment installation. Considering the replacement equipment, and remove old equipment, what might be achieved from a similar investment of the increment between the costs of the baseline unit time for a bigger project, such as one might find at a he efficiency measure bears the full cost of the new the resulting energy savings is modest compared to homes, constituting a "retrofit" scenario. This means piece of equipment, where labor costs are excluded replacements of existing, operational equipment in amount of time required to travel to a home, install as other Efficiency Maine programs due to a variety costly than measures that replace a failed or failing Nonetheless, this Program is not as cost-effective of factors. Notably, this Program undertakes and the efficient unit. In the case of a low-income customer shopping to replace an old light or appliance that has failed, the Trust is able to incentivize the incremental cost of a high-efficiency model through rebates offered in its market-based programs. As noted above, pursuing retrofits before the lighting or appliance has failed is significantly more expensive to deliver. The higher cost associated with the direct install approach limits the number of low-income households served through Trust's programs and strains the Program's ability to achieve cost-effectiveness on small projects. In recent years, analysis of retrofit opportunities LOW-FINCOME DIRECT INSTALL INITIATIVES

In low-income homes, especially for measures to save natural gas or electricity, has found very few measures that qualify as "cost-effective." Those that are cost-effective, including heat pump water heaters, have a high price point. The combination of the high price point and the high measure cost means that the budget allocated to Low-Income Direct Install Initiatives is consumed on fewer projects. While the direct install approach has certain benefits, such as improving the likelihood that the budget will be fully invested and that quality work will be secured using competitive bidding, it also is more expensive and thus results in benefitting fewer customers than if the funding were invested through market-based channels.

#### **FY2016 PLANS**

The Trust will continue its efforts to design and implement low-income initiatives in a way that equitably distributes cost-effective energy savings to as many homes as possible within budget constraints. For direct install initiatives, the Trust will continue to consider CAAs as an option to locate appropriate cost-effective energy-saving measures that complement existing CAA weatherization programs. Efficiency Maine Trust will also compare the costeffectiveness of these initiatives with the low-income weatherization initiative being piloted through HESP (see earlier description). That channel leverages the full network of Efficiency Maine contractors and may reach low-income homeowners and renters who are

LIHEAP-eligible but who have not applied for fuel assistance. Whether market-based programs and newly available micro-loans can more effectively serve more low-income households than the direct install program will be a question explored through that initiative. As described elsewhere in this report, as more natural gas service territories begin to participate in efficiency programs, the Trust will expand low-income programs to serve more natural gas customers across the state. At the outset, the Trust will attempt to service the low-income natural gas customers through HESP. That program provides enhanced incentives for verified low-income participants. However, if uptake through that market-based channel is insufficient to fully invest the budget allocation for the low-income natural gas initiatives, then the Trust will revert to using the direct install pathway for retrofits.

# FY2015 ACTIVITIES

turn, marketed the program during project proposals integrated design. This includes systems that employ promote it through the work of design professionals. ventilation. Through MAB, buildings can save 30% or building envelope, lighting, heating, and ventilation of energy-efficient systems and materials, including promoted through the Business Incentive Program; earliest stages of conceptual design to meet energy the design phase of new construction projects is to The Program promoted the New Buildings Institute systems. Many of these measures are similar to and flexibility in the design based on site requirements, enhanced building envelope construction. It offers new energy-efficient equipment technologies and architecture and engineering firms. These firms, in and in initial conversations with clients. Most highto be sure that the Program is "at the table" during Maine's architectural and engineering community. performance building design and the installation This included outreach to architect and engineer standards. The Trust has found that the best way Core Performance Guide, which promotes highperformance building projects must start at the FY2015. The Trust focused marketing efforts on however, MAB incentivizes the whole building encouraging strategies such as passive energy more energy than a code-compliant building. program at the end of FY2014 and undertook The Trust rolled out the current version of the professional associations and to the primary solutions, including daylighting and natural significant outreach around the program in

design approach. The program provides an alternative to the often used "designconstruction offers comprehensive prescriptive strategies to help Maine propert and financial incentives to promote and encourage a whole building integrated renovations that will achieve significant energy savings. MAB offers education owners, developers, architects, and engineers design new buildings and major The Maine Advanced Buildings Program (MAB) for commercial new FUNDS INVESTED RCGI build" approach SECTORS SERVED • Commercial Industrial

MAINE ADVANCED BUILDING PROGRAM

#### **FY2015 RESULTS**

Through the focused outreach and educational support in FY2014, one building that began in FY2014 was completed in FY2015. This new building, a Hampton Inn hotel in Lewiston, represents more than 50,000 square feet of new energy-efficient accommodations. By following the MAB guidelines, the hotel owners will realize 32,833 MMBtu in lifetime energy savings at a benefit-to-cost ratio of 1.52.

Additionally, the program's outreach and support efforts yielded five new projects that were begun in FY2015 and are on track to finish in FY2016. These projects include a police department, a community center, a medical office building, and two high school additions. The projects are projected to result in more than approximately 214,000 square feet of highperformance construction that will realize more than 7.0 million MMBtu of lifetime energy savings.

# FY2015 ANALYSIS

The relaunched program achieved satisfactory consumer uptake in FY2015. Given that there is a long planning and construction timeline for many new buildings, the Program team was pleased with the number of new projects in the pipeline, as well as with the increased number of architectural and engineering firms that began to work with their clients and Efficiency Maine Trust. The energy savings achieved indicate that promoting cost-effective energy efficiency through the integrated design process will result in the highest-performance buildings.

As described above, the Program uses the Maine Advanced Buildings program and standards which are products of the New Buildings Institute, to deliver energy efficiency strategies for new construction. Feedback from participating design teams and building owners indicate that these standards continue to serve the Program well. The prescriptive pathway offers discrete guidance with enough flexibility so as not to be daunting to building owners and project teams. These standards also enable the Program to easily estimate energy savings resulting from an integrated design process.

#### FY2016 PLANS

The Trust plans to continue marketing the current version of the program and will explore new ways to create interest in energy efficiency among Maine's construction and development community. At present, the MAB pathway is based on the New Buildings Institute's Tier 2 standards. Program staff will consider offering pathways based on higher tiers: higher-performance goals could be incentivized at a higher level than Tier 2 projects. Additionally, the Trust will monitor any changes to the Maine Uniform Building and Energy Code and will modify program requirements, as warranted, to ensure that financial incentives are used only for measures that exceed what is already required by code. **•** 

TABLE 21: MAINE ADVANCED BUILDINGS PROGRAM (MMBTU) RESULTS

33 105 3 11 5 10 510 11 5 10 510	Maine Advanced	Maine Advanced Buildings Program
cts MBtu Saving MBtu Savin Maine Costs t Costs nergy Benet		
MBtu Saving MABtu Savin Maine Costs t Costs nergy Benef		
MMBtu Savin Maine Costs t Costs nergy Benet	MBtu Sav	1,642
aine Costs Costs ergy Benef	AMBtu Savings	ŝ
Costs ergy Benet	sts	
ergy Benef	Costs	\$106,360
	ergy Benel	\$335,424
	Benefit-to-Cost Ratio	

which enabled the program to target cost-effective energy-saving projects through an approach that was fuel neutral and reduced electric, oil, propane, and natural owners to install energy efficiency measures in multifamily buildings that have the Multifamily Efficiency Program provides financial incentives for building five or more units. This fiscal year, the program was funded by RGGI funds, gas consumption across the building portfolio. FUNDS INVESTED · RCGI SECTORS SERVED Multifamily

# FY2015 ACTIVITIES

STATES AND INCOME.

Program; the program design was modified to accept Additionally, the Program spent significant time and expanded to make the Program accessible to more building owners, at lower cost and with less hassle. need for energy modeling. The application process The Program also worked to recruit a more diverse applications through either Residential Registered FY2015, the Program discontinued the practice of was streamlined and the prescriptive measure list effort reaching out to building owner groups and The Multifamily Efficiency Program was originally offering free benchmarks and shifted its focus to launched in FY2013 using federal grant funds. In promoting prescriptive measures, obviating the holding informational sessions to drive demand. Vendors or Business Program Qualified Partners. community of trade allies to participate in the

The prescriptive list included a number of measures, ranging from ductless heat pumps and insulation to central boilers. In FY2015, building owners were particularly interested in installing ductless heat pumps in individual apartments to reduce energy costs from central heating systems and to increase tenant control and comfort.

#### FY2015 RESULTS

The Multifamily Efficiency Program incentivized energy-saving measures in 163 buildings comprising 3,250 apartments. More apartments were touched than in years past in part because the program MULTIFAMILY EFFICIENCY PROGRAM

TABLE 22: MULTIFAMILY EFFICIENCY PROGRAM (MMBTU) RESULTS

Multifamily Efficiency Program	ciency Program
Total Participants	163
Fotal Apartments	3,250
Annual MMBtu Savings	15,909
Lifetime MMBtu Savings	276,179
Efficiency Maine Costs	\$1,414,082
	\$1,762,481
Lifetime Energy Benefit	\$4,815,091
a sea and the line of the first of the programment memory in the later to be and the basis of th	

moved to a prescriptive menu and in part because the requirement to show a minimum 20% savings was removed. The upgrades supported through *Program* activities in FY2015 are projected to save approximately 276,179 MMBtu in lifetime energy savings, more than 15,909 MMBtu/yr.

# FY2015 ANALYSIS

The results from the Program's earlier use of benchmarking and delivering custom incentives allowed the Multifamily Efficiency Program to develop a robust menu of prescriptive measures and fixed-price incentives. The data from those prior results were used to generate a list of measures and their associated energy savings that present the most significant potential to capture cost-effective projects

for multifamily property owners. The prescriptive list made the Program simpler for participating building owners and contractors. It also allowed for a more diverse set of contractors and energy professionals to leverage the Program. Marketing the Program by disseminating case studies owners were more likely to invest in energy efficiency allowing for prescriptive measures without modeling, participation in FY2015 by eliminating benchmarks, incentives for the same or similar custom measures. effective: staff discovered that multifamily building to perform modeling of custom efficiency projects portfolio. The pool of Maine contractors equipped and hosting peer-to-peer networking events was marketing, and expanding the contractor list to in multifamily buildings is limited. The Program or seeing the savings in a comparable building ncreasing prescriptive incentives to match the achieved increased and more diverse program after learning about a peer's efficiency project streamlining the rebate process, increasing include all trade allies.

#### FY2016 PLANS

There remains a significant cost-effective energysaving opportunity in the multifamily sector. More than 60,000 apartments are located in multifamily buildings with five or more units.<sup>7</sup> Since inception, the Trust's Multifamily Efficiency Program has helped property managers perform efficiency upgrades in 5,232 apartments.

Given the advantages of shifting to the prescriptive approach in FY2015, in FY2016, the Program will be delivered by "piggybacking" the marketing, technical support, and processing of rebates through the same program delivery channel that is used to run the Business Incentive Program. Many of the measures incentivized through the Multifamily Efficiency Program are similar to those in the prescriptive incentive list. This will further streamline participation and incentive processing for the contactor community. Efficiency Maine will also be able to reduce program administration costs through the integration. **•** 

7. Source: U.S. Census Bureau, 2008–2012 American Community Survey.

Interested customers received a site visit and lighting assessment by the participating local contractor(s) to determine eligibility and scope of work. This visit was incentives from the Initiative were applied directly to In FY2015, the Small Business Initiative targeted four nitiative. It also collaborated with local chambers of business owners to share their program experiences commerce and economic development entities and · Region 3: Norway, Oxford, South Paris, Mechanic posted advertisements in local newspapers to raise with well-known ("iconic") local businesses prior to the contractor's invoice, allowing the participating awareness of and generate activity in the program. followed by turnkey installation by the contractor. ousiness to pay only the remaining portion of the program launch as case studies and invited those greet events to introduce area businesses to the Additionally, the Trust completed a few projects Region 4: Waterville, Oakland, Fairfield, and in each region by hosting in-person meet-and- Region 1: Fort Kent, Madawaska, Caribou, The Trust delivered direct contact marketing FY2015 ACTIVITIES Region 2: Houlton Falls, and Poland with others at events. and VanBuren Winslow regions: directly to small businesses. The Initiative pairs local marketing with streamlined delivery to incentivize customers in a targeted geographic area to act quickly to replace inefficient lights project completion, eliminating the need for the customer to wait for the incentive payment. This Initiative endeavors to overcome these barriers by bringing information and technical barrier to moving forward, the Initiative pays the incentive directly to the contractor upon with high-efficiency models. This approach is designed to overcome the unique barriers to energy efficiency that small businesses experience. These barriers include the lack of time support to the customer's doorstep, offering enhanced financial incentives (compared to the incentives in the Business Incentive Program), and scheduling and executing energy close to the line of profitability, investing in outsourced services for analysis, advice, and The objective of the Small Business Initiative is to deliver cost-effective lighting retrofits and expertise to analyze energy options in-house and the perceived "hassle" of making upgrades using the "direct install" approach. Since upfront costs tend to be the critical general contracting of project management may seem like a luxury they cannot afford. arrangements to purchase and install upgraded equipment. For businesses operating Electric System Benefit Charge FUNDS INVESTED Small Businesses (Up to 100 kW) SECTORS SERVED

SMALL BUSINESS INITIATIVE



Small Business Initiative

TABLE 23: SMALL B	S	Total Participants	Total Projects	Annual kWh Savings	Lifetime kWh Savings	Efficiency Maine Costs	Participant Costs	Lifetime Energy Benefit	Benefit-to-Cost Ratio	TABLE 24; REGION
	10 51 51 51 51 51 51 51 51 51 51 51 51 51									
		<b>.</b>	E							
							The second s	and a state of the		
						man demand and a man and a man				

Brian Cole (right) and Efficiency Maine's Rick Meinking inspect the recently completed lighting upgrade at Cole's Shoes. The switch to high-efficiency lights reduced energy costs and created a beautifully-lit shoe repair workspace and sales room in their Houlton store.

project. This approach removed the barrier a customer often faces of fronting the full payment for an energy upgrade and then waiting for the incentive payment.

### FY2015 RESULTS

hundred forty-four businesses participated from the The Trust estimates that this will result in more than four regions, representing a significant majority of A total of 460 projects were completed in FY2015. the small businesses in those areas. In fact, nearly 70 million kWh of lifetime energy savings. Three

80% of businesses in Region 1 and Region 2 that requested a lighting assessment and identified energy savings participated in this initiative.

energy costs by \$1,436 annually, or \$120 per month The average project completed in Regions 1 and 2 achieved 11,048 kWh savings for the first year. On average, participating businesses reduced their as a result of the work completed.<sup>®</sup>

Efficiency Maine Costs	\$2,732,147
Participant Costs	Participant Costs \$551,767
Lifetime Energy Benefit \$6,330,554	\$6,330,554

1.93

5,409,349 70,201,736

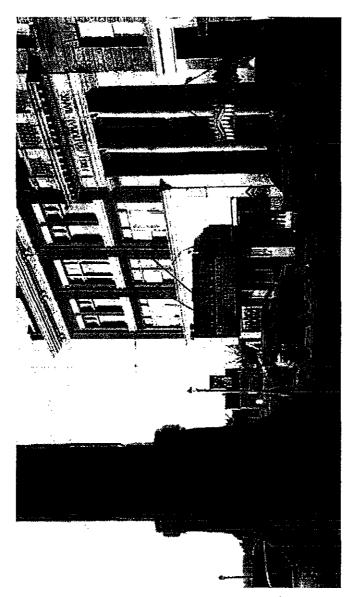
i

344 460

# ABLE 24: REGION 1 AND 2 PROJECT DETAILS

Region 1&2	Region Total	Average Project
Project Cost	\$2,305,946	\$5,413
Incentive	\$1,870,875	\$4,392
Annual kWh Savings	4,706,625	11,048
Annual \$ Savings	\$611,861	\$1,436
Monthly \$ Savings	\$50,988	\$120

8. The Trust assumed a blended rate of \$0.13 per kWh.



Hundreds of Aroostook County businesses like Cole's Shoes participated in the Small Business Initiative. Most participants reported that they would not have undertaken an efficiency upgrade if not for the targeted program and outreach in their area. Participating businesses in Houlton and elsewhere are expected to reduce their electricity costs by an average \$1,400 a year.

# FY2015 ANALYSIS

that the direct install method of program delivery was ordering a limited number of energy-efficient lighting capital for major upgrades. And the pilot determined efficiency opportunities for Maine's small businesses. options and working with contractors in a small area. well suited to the small business sector. By targeting businesses face a number of obstacles to installing capacity to develop or manage efficiency projects, economies of scale through incentivizing and pre-The Trust made numerous changes to the pilot in many don't own their building, and most lack the The Initiative was launched as a pilot program in as possible about what would increase customer measures to improve the accessibility of energy FY2014 in order to gather as much information of time, the pilot was able to achieve significant integrating marketing and direct installation of FY2013 and FY2014 to test the effectiveness of specific geographic regions for limited periods energy-efficient measures: they lack in-house participation. The pilot discovered that small

The pilot transitioned to a program at the end of FY2014 and was formally Jaunched in FY2015 in Aroostook County, incorporating the lessons learned. The recipe for success determined from the pilot included targeted outreach to businesses in a region and collaboration with local chambers of commerce and other conveners. The pilot also demonstrated that it was best to work with local SMALL BUSINESS INITIATIVE

streamlined that process in order to provide turnkey services from assessment to installation to incentive lighting products for quick installation. Significantly, to undertake efficiency projects they wouldn't have only for a limited time, prompted many businesses of the process between project steps – assessment, the pilot demonstrated that projects can drop out main street businesses. These incentives, available with the same customers. The Initiative calibrated installation, and incentive payment. The Initiative to a year-and-a-half, a critical time frame for many suppliers to ensure availability of high-efficiency were able to recoup their investment with a year area contractors on installation and to work with incentives so that most participating businesses undertaken otherwise. The results from the Initiative in FY2015 were positive. Most participants reported that they would not have undertaken an efficiency project were it not for the turnkey assessment, installation, and incentive process. Because payback periods were around one year, business owners were able to justify the investment.

Partnering with local "iconic" businesses, chambers of commerce, and other local organizations was an important way the Trust was able to spark participation and create a local "buzz": as with many other Trust programs, word of mouth is a key driver in program participation. Knowing a local business

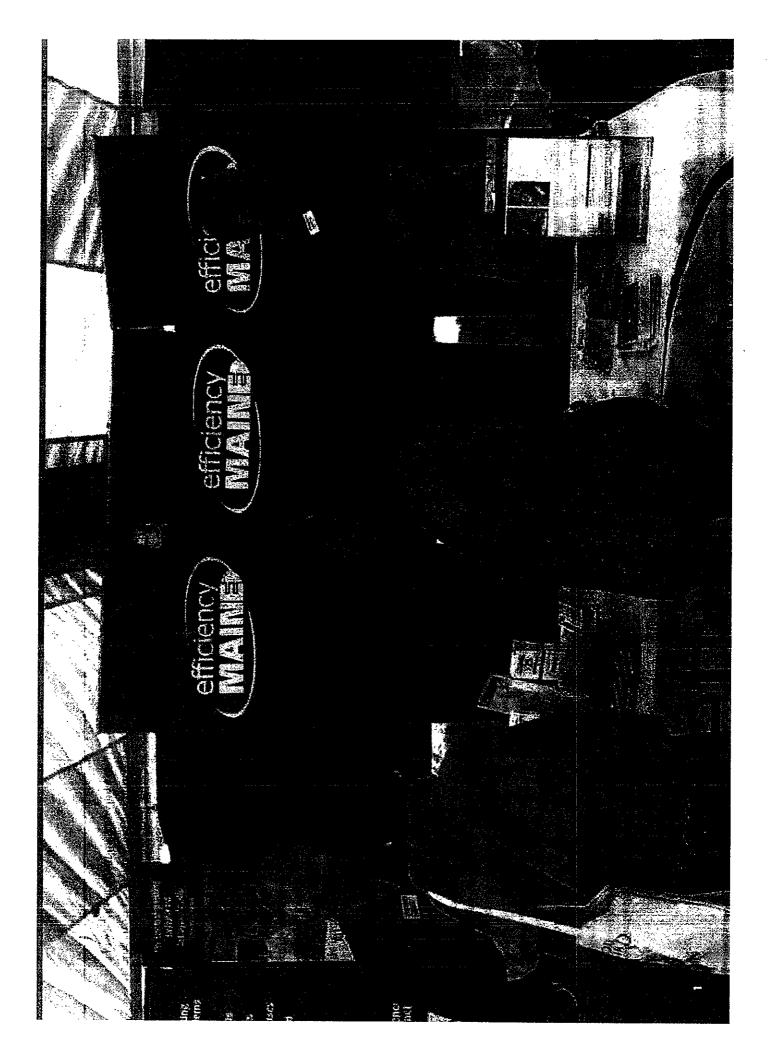
owner who had experienced savings or a better quality of light helped business owners commit to a lighting upgrade. Program participation was higher than expected in Regions 1 and 2, and the Trust undertook only modest outreach efforts to reach potential businesses in Regions 3 and 4. As described above, 80% of businesses that received an assessment completed a lighting project. Regions 3 and 4 continue to be served in FY2016 to accommodate demand.

#### FY2016 PLANS

Significant cost-effective energy efficiency opportunity exists in the small business sector. Approximately 75,000 businesses in the state receive utility service on the "small business" rate. Whether a gift shop, office, or restaurant, the success of the Initiative in FY2015 indicates that others in the sector could benefit from retrofits to bring in high-efficiency lighting. The program is especially warranted in regions located outside of traditional energy efficiency supply chains or traditionally underserved by the contractor community.

Many of the projects begun in Region 4 in FY2015 carried over to FY2016. Due to the high volume of participation in that region, the Small Business Initiative will target only one or two smaller regions in FY2016, although the Trust could alternatively target other areas experiencing grid constraint if directed to do so. In FY2016 and beyond, the Trust

will explore adding measures other than lighting to the Small Business Initiative delivery model, including ductless heat pumps and heating and refrigeration solutions. Incentives may also be paired with financing as a pilot through this program.



The Trust's programs to acquire cost-effective energy efficiency and distributed resources are complemented by several strategic initiatives. These include evaluation, measurement, and verification (EM&V); innovation; and public information and outreach.

STRATEGIC INITIATIVES

# Evaluation, Measurement, and Verification

The purpose of the Trust's EM&V strategy is to provide data-driven research and analysis to inform program design and delivery strategies, verify program results, and ensure ongoing program and organizational improvement. The Trust carries out this strategy using a combination of in-house initiatives and subcontracted, independent third-party reviews performed by firms that specialize in the evaluation of energy efficiency programs.

Independent evaluations of the Trust's programs are designed to:

- Document and verify the program impacts on energy savings, demand savings, and program costeffectiveness relative to goals
- Understand why certain effects occur and identify opportunities for program improvement
- 3. Assess program effects on the marketplace
- 4. Inform allocation of resources

With a focus on delivering rigorous and objective results, the third-party contractors rely on industrystandard evaluation methods and practices to evaluate the Trust's programs. Each program evaluation typically employs both qualitative and

quantitative data and methods, such as in-depth interviews with program delivery team members and stakeholders; telephone surveys of program participants and non-participants; engineering review and analysis of participant data and project files; and site visits, entailing on-site inspection, spot measurements, and/or equipment metering to gather data.

# FY2015 ACTIVITIES

 $EM \mathscr{C}V$ : In FY2015, the Trust finalized the Retail Lighting Evaluation. The results of this evaluation are summarized above in the in the Retail Lighting section.

The Trust's other significant EM&V activities during FY2015 included enhancing the Trust's projecttracking database, called "effRT"; demonstrating compliance with Forward Capacity Market measurement and verification rules; revising the Technical Reference Manuals (TRMs) for each of the residential, commercial, and multifamily program sectors; and gathering performance data on distributed generation installations. Specific to the effRT database, the database platform manages the data for all of the Trust's active programs and ensures consistent and accurate estimates of energy savings. The effRT database also improves program activity tracking and data integrity. The system also enables contractors (such as QPs) to expedite the processing of incentives, significantly reducing and in some cases eliminating paperwork. The Trust added relevant project information from

the Small Business Initiative, HESP, and Low-income Direct Install Initiatives into effRT for the first time during FY2015.

savings from energy efficiency measures, and provides TRM provides a measure overview and documentation and demand savings from energy efficiency measures. across measures and programs. For each measure, the cost; and impact factors for calculating adjusted gross The Trust's Residential and Commercial TRMs provide Each TRM serves as a central repository and common efficiency assumptions for the baseline and efficient assumptions, and sources that are used to estimate documentation for the Trust's calculation of energy measure; deemed parameter values or instructions for inputs to savings algorithms; measure life and a common platform for analyzing energy savings of gross energy and demand savings algorithms; point of reference for the methods, formulas, savings and net savings. In F20Y15, the Trust began gathering data on its distributed generation projects. To reliably obtain the amount of electricity generated by distributed generation assets installed under the Large Customer Program, the Trust contracted with Tilson Technology Management to install independent meters capable of automatically uploading 15-minute interval data directly to the effRT database. The metering suite consists of a 3-phase voltage and amperage meter; data acquisition server; and cellular modem allowing autonomous, independent, continuous data

STRATEGIC INITIATIVES

communications between the generator and effRT. In locations not suitable for cellular communications, the data acquisition server is connected to the local network configured to provide direct access to the effRT database.

Table 25 shows all of the evaluation projects in FY2015. The table also shows the cost for each evaluation and its funding source.

In addition to the standard, ongoing activities directly related to EM&V, the Trust also actively participated in two significant research and analysis projects in FY2015: the Avoided Energy Supply Component Study for 2015 (2015 AESC Study) and a collection of studies for use in developing the third Triennial Plan for FY2017–FY2019.

# TABLE 25: FY2015 EVALUATION PROJECT ACTIVITY

Subject	Type	Prime Contractor	Total Project Budget	FY2015 Expenditures	Funding Source(s)	Project Start Date	Project End Date
TRM Support and FCM M&V Compliance	Technical Services & Evaluation	Cadmus Group	\$290,320	\$100,689	Electric Conservation, FCM	Jan-13	Aug-15
Residential Appliance Program (2014) and Retail Lighting Program (2015)	Impact & Process Evaluation	MMR Group and Nexant	\$449,661	\$42,966	Electric Conservation	Jul-13	Apr-15
Low-Income Multifamily Weatherization	Impact & Process Evaluation	NMR Group	\$199,986	\$132,963	Electric Conservation	Apr-14	2016
Distributed Generation	Metering	TILSON Technology Management	\$36,322	\$16,188	FCM	Sep-14	2016
Large Customer Program	Impact & Process Evaluation	Nexant	\$142,346	\$15,819	Electric Conservation	Mar-15	2016
Business Incentive Program	Impact & Process Evaluation	Nexant	\$189,713	\$21,748	Electric Conservation	Mar-15	2016

electricity, natural gas, and other fuels resulting from paid for the marginal energy and capacity consumed benefit analysis because the avoided costs from the to conduct a study of marginal energy supply costs that will be avoided due to reductions in the use of study are used by the Trust to calculate the lifetime distributed energy resources installed through the oartnered with Tabors Caramanis Rudkevich (TCR) costs represent the amount that would have been energy efficiency programs offered to customers forms one of the foundations of the Trust's costchroughout New England. The 2015 AESC Study benefit from installed measures. These avoided if not for the savings of energy efficiency and 2015 AESC Study: During FY2015, the Trust participated in the AESC Study Group, which Trust's programs.

The study is sponsored by a diverse group of electric utilities, gas utilities, and other efficiency program administrators, including the Trust. The group also includes stakeholders from other non-utility parties and government departments. In FY2015, the Trust updated effRT with the avoided costs from the 2015 AESC Study. This process involves replacing the 2013 AESC Study's avoided costs in effRT's cost-benefit analysis tool with the updated avoided costs from the 2015 AESC Study. As a result of the study and the effRT update, the electric capacity avoided costs are higher relative to 2013; electric energy avoided costs are lower relative to

### STRATEGIC INIT!ATIVES

2013; and the avoided costs for natural gas, heating oil, and other heating fuels are lower relative to 2013. The AESC Study is typically revised every three years in addition to a mid-term update, which is performed between each major revision.

*Triennial Plan Studies*: The Triennial Plan studies consist of an updated electric potential study, a residential baseline assessment, and a commercial baseline assessment.

the commission alongside the plan and posted on the of the Triennial Plan III, the Trust contracted with GDS Trust's filing of the Triennial Plan III. The methodology resources that could potentially be delivered through Associates to update and enhance the 2012 Baseline Potential Study: In preparation of the development specific cost-effective electrical energy efficiency. To and results of the potential study will be filed with FY2015 and will be finalized in FY2016 prior to the unique models of the amount of energy efficiency The objective of the potential study is to estimate accomplish this objective, GDS created a series of each Trust program. The potential study began in and Opportunities Study (the "potential study"). the amount of statewide sector- and program-**Trust's website.** 

Residential Baseline Assessment: In preparation of the development of the Triennial Plan III, the Trust contracted with the NMR Group to perform the Single-Family Residential Baseline assessment.

The objective of the assessment was to develop a representative baseline for single-family homes in Maine. The assessment involved 164 telephone surveys and 41 on-site inspections of single-family homes. The results of the assessment will be incorporated into the potential study. The residential baseline assessment began in FY2015 and will be finalized in FY2016 prior to the Trust's filing of the Triennial Plan III. The methodology and results of the potential study will be filed with the commission alongside the plan and posted on the Trust's website. *Commercial Baseline Assessment:* In preparation of the development of the Triennial Plan III, the Trust contracted with Retroficiency and Cadmus to perform the Commercial Building Interval Meter Data Analytics Study ("commercial baseline assessment"). This assessment will be used to complement the Trust's 2012 study of the commercial baseline. The new commercial baseline assessment uses interval data analytics to make a deep analysis of a sample of more than 500 buildings across eight commercial sectors within Central Maine Power's service territory. The sampled customers represent more than 158 GWh of annual consumption. The results of the assessment will be incorporated into the potential study. The commercial baseline assessment began in FY2015 and will be finalized in FY2016 prior to the Trust's filing of the Triennial Plan III. The methodology

and results of the potential study will be filed with the commission alongside the plan and posted on the Trust's website.

#### FY2016 PLANS

In 2016, the Trust will complete evaluations of the Low-Income Multifamily Weatherization Program, the Business Incentive Program, and the Large Customer Program. The Trust also will initiate evaluations of the Small Business Initative and HESP. Both of the new evaluations will review program results from activities performed in FY2015 and FY2016. Other FY2016 research and evaluation project activity will include the Annual Forward Capacity Market Measurement and Verification Compliance Review, finalization of the Residential TRM and the Commercial TRM for FY2016, and development of updated TRMs for FY2017.

The FY2016 and long-term plans for the database platform includes improving reporting and tracking, using effRT to assist in short- and long-term forecasting, and streamlining program processing in the database. STRATEGIC INITIATIVES

## Innovation

technology innovation can pay off over time in terms of future energy savings and economic development. energy efficiency or alternative energy measures. In past years, the Innovation Program has established these energy measures may or may not prove to be cost-effective or popular, or that their performance criteria requiring that proposed technologies must projects to make such findings before committing potential to provide cost-effective energy savings but that remain in need of further demonstration The Trust's Innovation Program provides funding to larger investments on incentives and program for pilot projects that demonstrate new types of of the Innovation Program is to use smaller pilot be commercially available and show significant Technological improvements are a cornerstone in the Maine marketplace. It is understood that may not satisfy customers' needs. One purpose of energy efficiency, and early investments in administration.

# FY2015 ACTIVITIES

In FY2015, the Trust continued to manage the Smart Thermostat Innovation Pilot begun in FY2013. In that year, the Trust selected three pilot projects that were designed to explore how interval data could be used to find efficiency and conservation opportunities in Maine. The Smart Thermostat Innovation Pilot installed more than 160 smart thermostats in a

diverse group of the Trust's commercial customers, including office buildings, convenience stores, and retail outlets. Using an online interface that the smart thermostats provide, customers can monitor or adjust the temperature as needed, and set the thermostats to automatically turn on and off. Pilot participants found these units to be an easy way to control energy usage without expensive climate control or building automation systems. The online tools also let customers view their interval data along with the temperature settings. The Trust hopes this level of detail will let customers know how their heating and cooling systems affect their electricity usage and lead to more energy-efficient decision making.

controls that allow the heater to be turned on and off

and the water temperature to be adjusted remotely.

One potential pilot project under consideration by

standard water heater, these new units also have the

capability of using two-way communications and

equipment technology is found in heat pump water

A particular example of a potential application of smart grid capabilities to emerging end-use heaters. In addition to being more efficient than a

through automated controls, adjust the operations of

neat pump water heaters, and to measure the costs

the Trust is to demonstrate the ability to remotely, or

and benefits of reducing load at a given time or place.

## **FY2016 PLANS**

distributed energy resources through the Innovation Program. In Maine, there is rising concern about, and sensitivity to, prices, grid reliability, and air emissions The Trust will continue the innovation work around during periods of peak demand. Expanding the use customer's costs while at the same time depressing grid capabilities to increase the value of distributed of distributed energy resources, including demand peak demand prices, benefiting others on the grid. eliability and reduce carbon emissions. The Trust increased use of cost-effective distributed energy will consider new, emerging application of smart resources also has the potential to improve grid customers has the potential to lower individual esponse and distributed generation, by Maine smart data launched in FY2013 by exploring energy resources

## Public Information and Outreach

Information and Outreach initiatives, the Trust seeks urges consumers who are planning to purchase new general awareness of the benefits of cost-effective, to help boost energy savings through increased customer-sited energy resources and of specific ighting, appliances, heating systems, and other efficient technologies, operating practices, and equipment to consider buying one of the more numerous communications channels, the Trust nelp consumers considering the installation of energy efficiency measures. Through its Public The Trust targets potential customers through complemented by the Trust's work to provide to access Efficiency Maine programs. Through general energy information and education to across its various programs. These efforts are behaviors, as well as basic guidance on how tailored marketing and outreach campaigns energy-efficient models available. Information is disseminated through the Trust's website, printed flyers and brochures, traditional advertising, social media, and other multimedia tools. The Trust also manages targeted training sessions and attends industry events, such as forums and symposiums. The public information and outreach materials address saving energy and the co-benefits of energy-efficient choices. Co-benefits include

saving money, time, and resources; price suppression for grid-supplied energy; increased home comfort; promoting energy independence; reducing harm to the environment and human health; helping the Maine economy through job creation and job retention; and reducing a business's operating and maintenance costs,

# FY2015 ACTIVITIES

The Trust engaged in a wide range of activities related to public information and outreach in FY2015. These activities are discussed below and can be broken into the following categories: Events and Training, Call Center, Website, Social Media, and Marketing and Awareness. A major theme of FY2015 was targeted outreach to the business community to discuss energy efficiency as an effective way to manage energy costs. The Trust also continued to expand its reach in new media, including digital ads and social media. *Events and Training*: The Trust hosted workshops and symposiums on energy technologies, efficiency programs, and successful case studies several times in FY2015. The audiences ranged from customers to contractors and vendors to policy makers. The Trust also was invited to participate as a panelist before gatherings of Maine businesses and residents. Typically, Trust staff reported on energy-efficient technologies and the Trust's programs at these events. Hosts for these events included several regional chambers of commerce, the Maine Municipal

Association Annual Meeting, the leadership of Maine Hospitals, the Industrial Energy Consumers Group, E2Tech, and numerous local citizen "energy committees." In January 2015, the Trust held its annual symposium and awards ceremony for contractors and customers, "Working with Maine Businesses and Homeowners to Manage Energy Costs." The Trust's programs require appropriate licenses and certifications for certain efficiency measures to be eligible for incentives. In FV2015, the Trust offered scholarships for advanced heat pump installation training to support the contractor community in effectively adopting installation best practices for this new technology. The Trust also offered building operator and advanced building operator certification training to ensure continued energy savings through effective energy management in large buildings across the state. Through these trainings, the Trust helped reduce market barriers confronting adoption of the measures.

*Call Center:* An important public information tool at the Trust's disposal is its Call Center. In FY2015, the Trust's Call Center was staffed by professional operators, located in Waldo County, at the toll-free number 866-ES-MAINE. The Call Center was used to handle inbound and outbound calls related to all of the Trust's programs. The Call Center was staffed during normal working hours, and customer service agents were trained to provide the basic information on all programs. Where detailed or more technical STRATEGIC INITIATIVES

information was needed, the customer service agents made live transfers to Trust staff or specified delivery team contractors. The Trust continually oversaw the Call Center to make sure questions were answered appropriately and used feedback received by Call Center representatives to improve program resources and rebate processing. The Trust sent out an RFP for call center services in the spring of FY2015, and the project was awarded to a new provider, based in Brunswick, for FY2016.

72015, the Trust refined many of its online resources, including rebate information, detailed information on energy information, online calculator tools, a library energy contractors and commercial contractors. In information resource on customer-oriented issues around controlling energy use and energy costs in of printed and video case studies, tutorials on new Maine. The Efficiency Maine website now supplies money in enhancing the Efficiency Maine website FY2015, the Trust invested considerable time and complemented and in some cases supplanted by at www.efficiencymaine.com. These investments heat pumps), and searchable databases of home energy technologies (such as ductless mini-split advanced the Trust's goal of serving as a "go to" posting information online. For that reason, in Website: Increasingly, printed matter is being energy technologies, and energy-saving tips.

Social Media: Social media now provides an increasingly important way for the Trust to provide

Information and education to potential customers. It is also a channel for the Trust staff to field questions about programs. In FY2015, the Trust focused its use of social media on promoting HESP. *Marketing and Awareness*: The Trust's marketing efforts are focused largely on educating potential customers about a specific energy-efficient technology or energy-saving solution executed through a specific program area. However, the Trust did engage in a large marketing and public relations effort to raise awareness of how energy efficiency can help homeowners and businesses manage energy costs. As described above, participation in the Business Incentive Program, the Small Business Initiative, and the Large Customer Program reached unprecedented levels. Some activity in those programs can be attributed to this increased marketing and to discussion of energy efficiency and energy efficiency funding in the media.

## FY2016 PLANS

The Trust will undertake a systematic review and redesign of its website to coincide with the new Triennial Plan period. The Trust will also work to support program outreach goals. In particular, all natural gas customers will be served through Trust programs beginning in FY2016 and new low-income initiatives will be launched. The Trust anticipates focusing new marketing and outreach on those efforts. In addition, the Trust will expand its reach on social media through campaigns that will invite

homeowners to reflect on their experiences with energy efficiency technologies. The Trust will plan to host its annual symposium in early 2016 and will plan to participate in other symposiums, conferences, and industry meetings to share program information with efficiency professionals and potential customers.



over financial reporting and compliance with government accounting standards, compliance and internal control over compliance for federal grants as required by Office of Management and Budget (OMB) Circular A-133, and reports on the Trust's activities for the year ended June 30, 2015. The reports covered: the Trust's internal control financial statements. The reports were unanimously accepted by the Board of Trustees on September 30, 2015. The independent certified public accountant Runyon, Kersteeen, Ouellette, Inc. (RKO) issued multiple audit

FINANCE & ADMINISTRATION

# WRITTEN POLICIES AND PROCEDURES

administering programs. During FY2015, the Trust did financial and administrative practices associated with Since its inception in 2009, the Trust has developed and instituted written policies and procedures to ensure standardized implementation of various not develop or amend any policy or procedure.

# **ADMINISTRATION**

In FY2015, the Trust's lease for office space in Augusta gatherings, located at 168 Capitol Street in Augusta. accommodate the Board meetings and other small expired. The Trust moved to a nearby office space, outfitted with a small conference room that can

## **AUDIT RESULTS**

Audited Report on Internal Control Over Financial disclosed no instances of noncompliance or other The audit reported that, "The results of our tests matters that are required to be reported under Reporting

## A-133 Audit Report

Government Accounting Standards."9

direct and material effect on each of the Trust's major types of requirements described in the OMB Circular the types of compliance requirements ... that could The audit reviewed the Trust's compliance with the federal programs for the year ended June 30, 2015. Maine Trust complied, in all material respects, with A 133 Compliance Supplement that could have a The auditors reported, "In our opinion, Efficiency

eported no significant deficiencies or noncompliance have a direct and material effect on each of its major results indicated that, as to the Trust's basic financial The audit of the Trust's internal control over financial federal programs....<sup>n 10</sup> The summary of the auditor's statements, the audit issued an "unmodified" report. deficiencies. The report indicated that the Trust was "unmodified" report, indicating that it identified no internal control over major programs using federal reporting identified no material weaknesses and material weaknesses and reported no significant material to financial statements. As to the Trust's awards (grants), the auditor again issued an qualified as a "low-risk auditee."<sup>11</sup>

# Audited Financial Report

The report of the audit of the Trust's financial statements provided the following opinion from the auditor:

respective financial position of the governmental accordance with accounting principles generally fund information of Efficiency Maine Trust, as of June 30, 2015, and the respective changes in activities, the major fund, and the remaining financial position for the year then ended in accepted in the United States of America.<sup>12</sup> In our opinion, the financial statements ... present fairly, in all material respects, the

Balance – Governmental Fund are \$51.4 million and \$58.7 million, respectively, plus another \$135,450 As reported in the audit, the Trust's revenues and expenditures presented in the FY2015 Statement of Revenue, Expenditures, and Change in Fund

proposed by medium and large businesses, that were contracts, will carry over into FY2016. The majority of Fund balance, as of June 30, 2015, is \$43.6 million, of sent to state agencies resulting in a decrease to fund and revolving loan activity. Encumbrances of \$17.4 these encumbrances reflect larger energy projects, which \$23.1 million is restricted for operations and approved in the latter part of FY2015 but that will million, as of June 30, 2015, representing existing balance of \$7.5 million. The Trust's Governmental programs and \$20.5 million is restricted for grant not be completed and paid out until FY2016.

the 12 months of FY2015 are summarized in Table 26.<sup>13</sup> The Trust's revenues, expenditures, and fund balance for

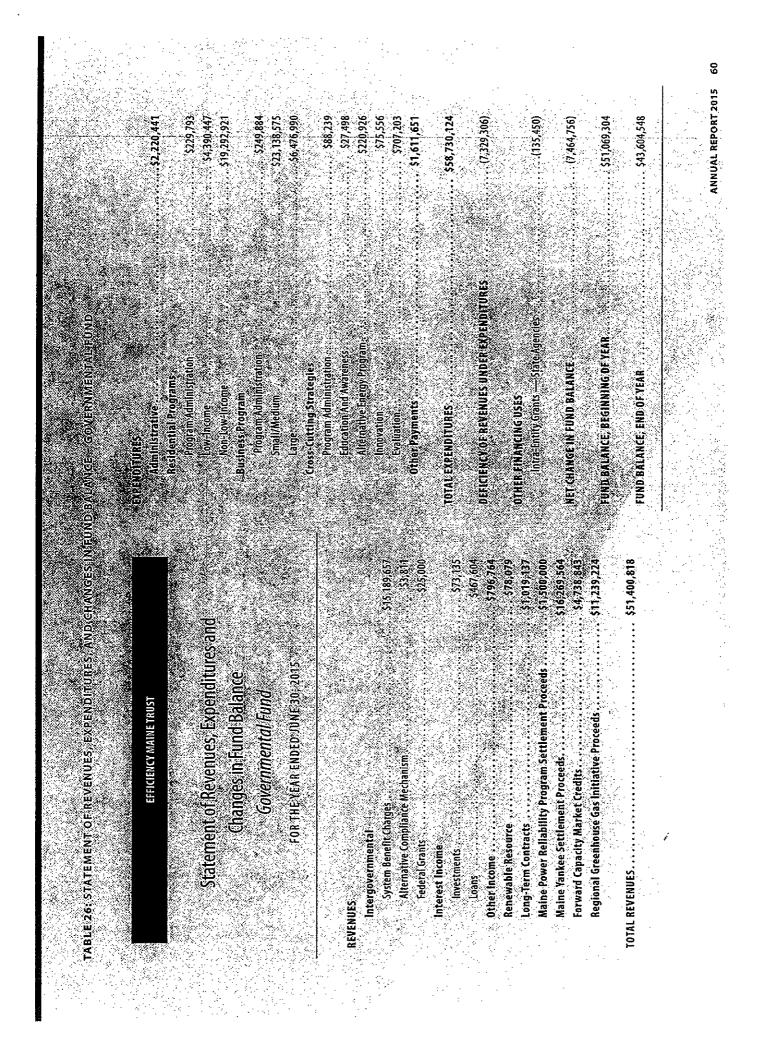
Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Accounting Standards." RKO, "Independent Auditor's Report on Internal Control over Financial September 30, 2015, at 2.

10. RKO, "Independent Auditor's Report on Compliance for Each Major Program and on Internal Control over Compliance Required by OMB Circular A-133," September 30, 2015, at 4.

12. Efficiency Maine Trust, "Annual Financial Report for the Year Ended June 30, 11. Ibid., at 8.

2015," prepared by RKO, September 30, 2015, at 2.

13. Ibid., Statement 4, at 16.





.

· · · ·

,

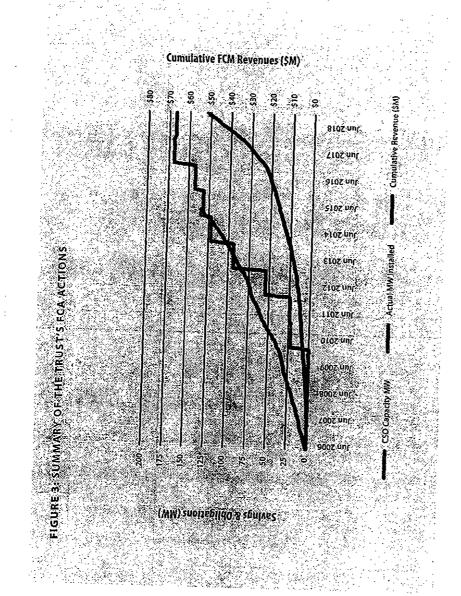
## OTHER INITIATIVES

# ISO-New England's Forward Capacity Market

Trust provides demand resources by helping develop region for reliable electric grid system operation. The energy efficiency and distributed generation projects in Maine that may be used to satisfy regional capacity transmission planners to meet a portion of forecasted ensures that there is sufficient capacity in the ISO-NE was launched in 2006. The Forward Capacity Market (ISO-NE) Forward Capacity Market since the market reporting on progress in meeting its existing capacity forecasted demand. In the auction, one megawatt of as one megawatt of capacity supplied by a generator procure the amount of capacity needed to meet the ISO-NE forecasts the size of the peak demand three capacity demand reduction is given the same value obligations from prior auctions and showing ISO-NE capacity needs through demand resources instead of traditional central station generators. Each year, As a market participant, the Trust is responsible for The Trust has participated in ISO-New England's resources offset the need for generation capacity needs. The Trust and other providers of demand that the Trust's program results satisfy the ISO-NE years in the future and then holds an auction to during periods of peak demand, thus allowing measurement and verification protocols.

The Trust reported to ISO-NE on the increasing amount of capacity that the programs delivered to

# 63 EFFICIENCY MAINE



OTHER INITIATIVES

date every month of FY2015. All measures installed with the Trust's incentives are recorded in its project database. The database contains information about how often, and at what time of day, energy-efficient equipment is in operation, and aggregates these data for reporting to ISO-NE. To ensure the accuracy of this report, ISO-NE requires an annual independent certification to review the processes behind the Trust's monthly reports. All aspects of the Trust's tracking, verification, and reporting activities are reviewed and certified for compliance with the rigorous requirements of ISO-NE's measurement and verification manual.

In FY2015, the Trust pursued limited participation in the ninth Forward Capacity Auction (FCA). In the auction, the Trust took on an obligation to supply 4 MW of summer peak demand savings, for which it will be paid a price of \$9.55 per kW per month. The Trust also made preparations for the tenth FCA, which will be held February 2016. To date, the Trust has delivered or taken obligations for a total of 167 MW of summer peak demand savings. As a result, the Trust's programs have lowered future energy prices for Mainers. Figure 4 summarizes the Trust's delivered savings and future obligations.

# **RGGI Reporting**

Each year the Trust contributes to the RGGI Annual Report. The report is collaboratively prepared by the Department of Environmental Protection, the Public Utilities Commission, and the Trust. The report is submitted to standing committees of the legislature having jurisdiction over natural resources and utilities and energy matters. In the most recent RGGI Annual Report, the Trust described how it invested \$9.2 million of RGGI funds in FY2014. The RGGI funds are projected to result in annual savings of 14.9 million kWh, 70,796 MMBtu, and 13,358 tons of carbon dioxide. The report is available at the website of the Maine Department of Environmental Protection.



Stakeholders gather at a briefing on the Efficiency Maine Trust's Triennial Plan III.

# Legislative Recommendations

The Trust's authorizing statute provides that the Annual Report should include "[a]ny recommendations for changes to the laws relating to energy conservation."<sup>14</sup>

FY2014, FY2015, and FY2016 – the Trust must allocate the RGGI Funds: The Trust recommends that the legislature consider whether it wishes to amend the law to indicate reliably reduce greenhouse gas production by fossil fuel Bill of 2013, the legislature made multiple amendments implement the triennial plan."<sup>16</sup> In the Omnibus Energy to the statute relating to energy and conservation. One specific allocations of RGGI revenues that should apply electricity..."<sup>15</sup> The statute also states that the "size of a funds be used "to fund conservation programs ... that combustion ... or reliably reduce the consumption of project funded by the trust fund is not limited as long such change was a prescription that for three years after FY2016. When the RGGI Trust Fund was created, as funds are awarded to maximize energy efficiency and support greenhouse gas reductions and to fully RGGI funds received during those years as follows: the statute established the requirement that the

- 50% to uses at commercial or industrial facilities
- 35% for measures that lower residential heating energy demand
  - 15% to the Maine Public Utilities Commission to be disbursed to the ratepayers of electricity utilities
    - These specific allocations will expire at the end of FY2016.<sup>17</sup>

# 65 EFFICIENCY MAINE

*Matural Gas Conservation Programs*: In 2015, the legislature directed the Trust to perform a study to "examine alternatives for promoting and securing cost-effective natural gas conservation and efficiency improvements for [] large volume customers" and to submit a report, together with any recommendations, to the legislature's committee of jurisdiction.<sup>18</sup>

The Trust will present the report to the legislature by December 31, 2015, which the legislature may use in considering future legislation regarding natural gas conservation programs.

## Low-Income Weatherization Assistance Program by Maine Housing

The statute requires that the Trust include in the annual report:

Total funds received and expended by the State on energy efficiency and weatherization pursuant to the Weatherization Assistance for Low-income Persons Program of the United States Department of Energy and the Lowincome Home Energy Assistance Program of the United States Department of Health and Human Services.<sup>19</sup> In Maine, these federally funded efficiency and weatherization initiatives are administered by the

Maine State Housing Authority (MaineHousing). The budgets and expenses of these initiatives are summarized in the following table, which was prepared by MaineHousing.

Carlo and a second

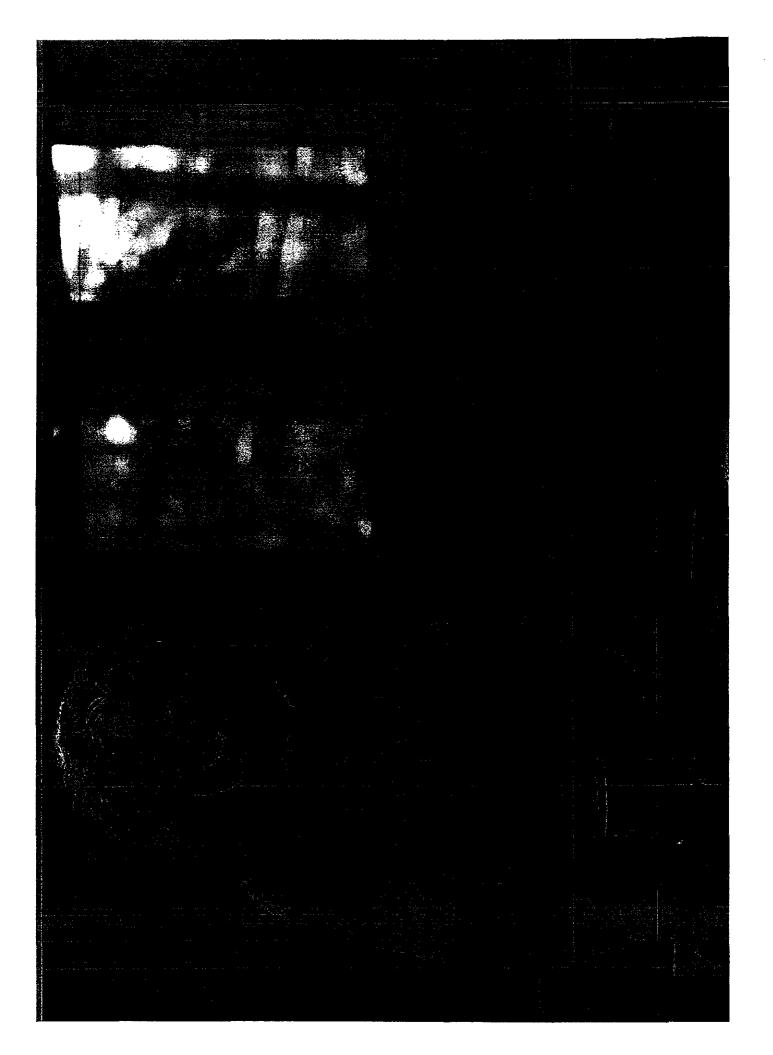
14. 35-A MRS \$10104(5)(C). 15. 35-A MRS \$10109(4)(A). 16. lbid., \$10109(4)(E). 17. lbid., \$10109(4)(A). 17. lbid., \$10109(4)(A). 18. 127th Session of the Maine Legislature, Resolves, Chapter 39 (LD 946), 2015.

OTHER INITIATIVES **ANNUAL REPORT 2015** Production Complete Production in Process 🖧 🖒 Funding not yet announced Grant period extended to continue \$1.3 million in funding carried over to PV Production in Process Production Complete Funded by MaineHousing Production.Complete Contract extended to 11/30/2014 Contract extended to 03/31/2017 Production Complete production through 06/30/2013. Production Complete Grant for 2013 and 2014 combined by DOE 2015 **Production Complete** Funded by MaineHousing Maine State Housing Authority Comments . . . 436 <u>I</u> 17 172 900 Projected 39 394 Budgeted 501 Units \$3,383,916 \$7,350,793 TBD \$870,875 \$3,418,208 51,901,076 51,344,984 \$1,062,803 Production Expenses X 118,336,68 \$7,350,793 \$3,418,208 TBD \$2,637,114 711,600\$ \$1,998,648 \$1,174,186 Production Budget 10-01-14/03-31-17 10-01-15/09-30-16 04-01-12/06-30-13 21-12/03-31-15 04-01-15/03-31-15 01-01-13/12-31-13 01-01-14/12-31-14 FI-05-11/11-10-01 Grant Year/Period 10-01-12/ 2014 2013 2014 2016 2013 2015 2012 2015 2013/2014 8 3 TABLE 27: MAINEHOUSING WEATHERIZATION INITIATIVES weatherlization materials effective; funds allocated to CAAS, then paid incidental repairs (15% of weatherization costs) to make installation of Incidental repairs (15% of weatherization costs) to make installation of incidental repairs (15% of weatherization costs) to make installation of weatherization materials effective, funds allocated to CAAs and then paid directly to contractor for services; per unit average max \$6,769. weatherization materials effective, funds allocated to CAAs and then fuel burden, minimal health/safety per unit of \$800 and minimal. directly to contractor for services; per unit average max of \$7,105 🔊 Weatherization efforts to maximize energy savings and reduce 🔬 paid directly to contractor for services per unit average max \$7,105. tuel burden; minimal health/safety per unit of \$800 and minimal. fuel burden; minimal health/safety per unit of \$800 and minimal Weatherization efforts to maximize energy savings and reduce. Weatherization efforts to maximize energy savings and reduce S. 57 LIHEAP Weathenization Weatherization Supplement ~ DOE/WX

249 - 2

÷,

99



•

•

. .

# **APPENDIX A**

evaluation of each program. The benefit-to-cost ratio lifetime avoided energy costs) to the combined costs sessions and provide technical support; and conduct ndicates the ratio of the financial benefits (from the associated with each of the programs administered quality control, measurement and verification, and include the financial incentives given to customers install energy upgrades. The costs also include the ("participants") and the participants' cost-share to Trust's efforts to manage the programs; provide Table 28 and Table 29 illustrate the total energy public information and outreach; hold training the summary of the Trust's costs. These figures by the Trust in FY2015. Each table also shows savings <sup>20</sup> and lifetime avoided energy costs of the Trust and the participants.

splitover delivers "net savings," which quantifies the savings directly (adjusted gross efficient equipment installed due to program influences even though no incentive directly from program-related actions taken by participants in an Efficiency Maine even if the program had not been offered ("free-ridership") and the percentage of program tables are "adjusted gross savings," unless otherwise indicated. Adjusted evaluations develop factors to improve the accuracy of gross savings calculations through program evaluations. Periodically, Efficiency Maine enlists independent based on installation rates and in situ-verified savings rates. The evaluations also - free-ridership) and indirectly (spillover) attributable to the program. Efficiency or technical assistance was received ("spillover"). Factoring in free-ridership and gross savings is the change in energy consumption and/or demand that results third-party contractors to evaluate the savings impacts of major programs. The Maine publishes estimated free-ridership and spillover factors in the Technical would have installed the same or equivalent efficiency measures on their own program, regardless of why they participated, adjusted by factors developed analyze program attribution, including identifying program participants who 20. Savings values reported in the program summary tables and ir dividual Reference Manuals.

TABLE 28: FY2015 PROGRAM IMPACTS: ELECTRIC PROGRAMS

Program	Annual kWh Savings	Lífetime kWh Savings	Efficiency Maine Costs	Participant Cost	Lifetime Energy Benefit	Cost/kWh (Lifetime)	Benefit- to-Cost Ratio
Business Incentive Program Electric Measures	75,285,380	872,772,692	\$06'791'21\$	\$16,564,324	\$74,374,992	\$0.039	2.21
Large Customer Program Electric Measures	30,760,921	438,865,951	\$6,983,439	\$5,124,783	\$25,297,712	\$0.028	2.09
Small Business Initiative	5,409,349	70,201,736	\$2,732,147	\$551,767	\$6,330,554	\$0.047	1.93
Consumer Products Program	102,318,679	550,577,702	\$10,817,327	\$20,287,640	\$49,871,614	\$0.056	1.60
Home Energy Savings Program Electric Measures	9,032,603	162,586,854	\$3,564,434	\$1,079,128	\$16,426,509	\$0.029	3.54
Low-Income Direct Install Initiative Electric Measures	1,534,180	14,065,348	\$1,232,373	\$0	\$1,249,631	\$0.088	1.01
Cross-Cutting Strategies Electric		And a second	\$863,415				
Administration - Electric			\$2,136,542				
	224,341,112	2,109,070,284	\$45,492,581	\$43,607,642	\$173,551,012	\$0.042	1.95

69 EFFICIENCY MAINE

•

Program	Annual MMBtu Savings	Lifetíme MMBtu Savings	Efficiency Maine Costs	Participant Cost	Lifetime Energy Benefit	Cost/MMBtu (Lifetime)	Benefit-to-Cost Ratio
Business Incentive Program Natural Gas Measures	13,057	260,887	\$242,991	\$66,294	\$1,666,517	\$1.19	5.39
Low Income Direct Install Initiative Natural Gas Measures	636	12,728	\$76,138	\$0	\$95,369	\$5.98	1.25
Home Energy Savings Program Natural Gas Measures	5,581	127,018	\$307,737	\$1,100,862	\$2,945,103	\$11.09	2.09
Maine Advanced Building Program	1,642	32,833	\$113,734	\$106,360	\$335,424	\$6.70	1.52
Multifamily Efficiency Program	15,909	276,179	\$1,414,082	\$1,762,481	\$4,815,091	\$11.50	1.52
Business Incentive Program Other Fuels Measures	31,244	409,193	\$1,095,388	\$6,211,805	\$10,017,712	\$17.86	1.37
Large Customer Program GHG Measures	26,266	374,124	\$1,808,033	\$1,272,598	\$6,212,210	\$8.23	2.02
Low-Income Direct Install Initiative Other Fuels Measures	13,700	246,606	\$700,600	\$1,270,337	\$4,547,475	90.72	2.31
Home Energy Savings Program Other Fuels Measures	83,224	1,894,231	\$6,309,776	\$22,334,064	\$43,920,697	\$15.12	1.53
Renewables-Demonstration Projects			\$220,923				
Cross-Cutting Strategies All Fuels			\$170,894				The second
Administration - All Fuels			\$496,969				a sama d ata dadi . Kada . Mana mana mana mana
Total	191,258	3,633,797	\$12,957,266	\$34,124,801	\$74,555,598	\$12.96	1.58

TABLE 29: FY2015 PROGRAM IMPACTS: ALL FUELS AND NATURAL GAS PROGRAMS

ANNUAL REPORT 2015 70

riders."To calculate net savings, the impacts of savings determination of the evaluators, would have installed the installation of additional efficiency measures due indirectly attributed to a program based on program different cost tests. Adjusted gross savings represent to program influences, even though no incentive or added. The combined impacts of free-ridership and equivalent efficiency measures independent of the taking instaliation rates and in situ realized savings have not yet been evaluated have a default net-totechnical assistance was received ("spillover"), are referred to as the net-to-gross ratio. Programs that Table 30 and Table 31 report benefit-to-cost ratios spillover relative to the adjusted gross savings are attributed to free-riders are excluded. By contrast, into account. Net savings estimate the amount of participants' motivation. Participants who, in the savings realized by program participants through based on adjusted gross and net savings for two verified measure performance. Gross savings are program and its incentives are considered "freeadjusted gross savings that can be directly and adjusted based on evaluated program results, gross ratio of 1.

Two different cost tests are used to assess a program's cost-effectiveness from the perspective of all utility customers (total resource cost test or TRC) and the perspective of the program administrator (program administrator cost test or PACT). The criteria for the two cost tests are defined below.<sup>21</sup>

TRC: Perspective of all utility customers (participants and non-participants) Comparison of program administrator plus customer costs to utility resource savings. The TRC measures the benefits of the energy efficiency program for the service territory/region as a whole. Costs included in the TRC test are costs to purchase and install the energy efficiency measure, including the costs incurred by program participants and costs of running the energy efficiency program. The benefits

PACT: Perspective of utility, government agency, or third party implementing the program Comparison of program administrator costs to supply-side resource savings. A positive PACT (greater than 1) indicates that an energy efficiency program is a lower-cost approach to meeting load growth than a wholesale energy purchase and new generation resources (including delivery and system costs). The PACT includes only costs incurred by the program administrator and not customer contributions.

# TABLE 30: BENEFIT-COST RATIOS: ELECTRIC PROGRAMS

ncluded are the avoided costs of energy.

	Adjusted G	Adjusted Gross Benefit-to-Cost-Ratio	Cost-Ratio	Net B	Net Benefit-to-Cost-Ratio	latio
Programs	TRC	PACT	Last Evaluation	Net to Gross Ratio	TRC	PACT
Business Incentive Program Electric Measures	2.21	4.33	Note 2	0.71	1.83	3.08
Large Customer Program Electric Measures	2.09	3.62	Note 2	0.79	1.85	2.86
Small Business initiative	1.93	2.32	Note 1	1.00	1.93	2.32
Consumer Products Program	1.60	4.61	2015	0.75	1.44	3.47
Home Energy Savings Program Electric Measures	3.54	4.61	Note 1	1.00	3.53	4.61
Low-Income Direct Install Initiative Electric Measures	1.01	1.01	Note 1	1.00	1.01	1.01
Total	1.95	3.81		0.78	1.70	2.96

Currently being evaluated. Results are to be published

in 2016.

Evaluation not scheduled.

New program, not yet evaluated. Program evaluation of FY2016 anticipated with report published in 2017.

.

TABLE 31: BENEFIT-COST RATIOS: ALL FUELS AND NATURAL GAS PROGRAMS

	Adjusted (	Adjusted Gross Benefit-to-Cost-Ratio	Cost-Ratio	Net F	Net Benefit-to-Cost-Ratio	latio	I DIONI
Programs	TRC	PACT	Last Evaluation	Net to Gross Ratio	TRC	PACT	Note 2
Business Incentive Program Natural Gas Measures	5.39	6.86	Note 3	0.66	3.48	4.51	Note 3
Low-Income Direct Install Initiative Natural Gas Measures	1.25	1.25	2014	1.00	1.25	1.25	
Home Energy Savings Program Natural Gas Measures	2.09	9.57	2011	1.00	2.08	9.57	
Maine Advanced Building Program	1.52	2.95	Note 2	1.00	1.52	2.95	
Multifamily Efficiency Program	1.52	3.41	Note 3	06:0	1.44	3.06	
Maine Advanced Building Program	1.52	2.95	Note 1	1.00	1.52	2.95	
Business Incentive Program Other Fuels Measures	1.37	9.15	Note 3	1.00	1.37	9.15	
Low Income Direct Install Initiative Other Fuels Measures	2.31	6.49	Note 3	1.00	2.17	6.49	
Home Energy Savings Program Other Fuels Measures	1.53	6.96	Note 3	1.00	1.52	6.96	
Total	1.58	5.75		0.97	1.54	5.57	

 TRC and PACT defined in accordance with "Understanding Cost-Effectiveness of Energy Efficiency Programs: Best Practices, Technical Methods, and Emerging Issues for Policy-Makers, A Resource of The National Action Plan for Energy Efficiency" November 2008, http://www.epa.gov/cleanenergy/documents/suca/ cost-effectiveness.pdf.

APPENDIX B

Reality of the second second

.

-

# **APPENDIX B**

# TABLE 32: ELECTRIC PROGRAM EXPENDITURES

Program	Incentive	Delivery	Total
Business Incentive Program Electric Measures	\$15,642,304	\$1,520,601	\$17,162,905
Large Customer Program Electric Measures	\$6,439,194	\$544,245	\$6,983,439
Small Business Initiative	\$2,366,729	\$365,418	\$2,732,147
Consumer Products Program	\$	\$2,007,860	
gram Electric A	\$3,086,300	\$478,134	\$3,564,434
l Initiative Electric Me	\$1,105,121	\$127,252	
Cross-Cutting Strategies Electric			
Administration - Electric			\$
Sub Total	\$37,449,114	\$5,906,924	\$45,492,581

,

•

APPENDIX B

•

TABLE 33: NATURAL GAS AND ALL FUELS PROGRAM EXPENDITURES

1

...

1.0

Program	Incentive	Delivery	Total
Business Incentive Program Natural Gas Measures	\$170,847	\$72,144	\$242,991
Low-Income Direct Install Initiative Natural Gas Measures	\$62,304	\$13,834	\$76,138
Home Energy Savings Program Natural Gas Measures	\$275,207	\$32,530	\$307,737
Maine Advanced Building Program	\$51,500	\$62,234	\$113,734
Multifamily Efficiency Program	\$1,036,508	\$377,574	\$1,414,082
Business Incentive Program Other Fuels Measures	\$976,200	\$119,188	\$1,095,388
Large Customer Program GHG Measures	\$1,383,469	\$424,565	\$1,808,033
Low-Income Direct Install Initiative Other Fuels Measures	\$650,600	\$50,000	\$700,600
Home Energy Savings Program Other Fuels Measures	\$4,104,196	\$2,205,579	\$6,309,776
Renewables-Demonstration Projects	\$20,923	Ş	23
Cross-Cutting Strategies All Fuels		\$170,894	
Administration - All Fuels			\$496,969
Sub Total	\$8,931,754	\$3,528,542	\$12,957,266

ANNUAL REPORT 2015 74

,

1.0

# **APPENDIX C**

TABLE 34: EFFICIENCY MAINE TRUST FY2016 AMENDED BUDGET AS OF 9/30/2015

	EMT ADMIN FUND	RGGI FUND	ELECTRICITY CONSERVATION FUND	MPRP SETTLEMENT FUND	FORWARD CAPACITY Market Fund	NATURAL Gas Fund	RENEWABLE Resource Fund
REVENUES AND FUNDING 1,511,993	1,511,993	20,268,157	20,268,157 28,804,406	4,193,773	6,289,324	2,333,981	367,487
EXPENDITURES				anaar wa mafaa uu waxaa a ay kano inaa a ayyaha ahaa ahaa ahaa ahaa ahaa ah	and a standard water water water and the standard and the standard and the	and a second	A LOS MARY S AND A DOWN A LOW WARANCE SAMPAGEMENT ON AND PARTY MANY

## EXPENDITURES

Administration	•				
Board Meeting Expenditures	11,250	,		, , ,	
Personnel Costs & Staff Support	959,309		139,185		6,564
ns	336,328	4,613	15,966	354	623
Corp Dues 3,500				5,000	
Sponsorship & Dues			20,000		I show a set of the
	182,856		The set of the set of multiply and a communication of the set of the set of		a set of the second set of the second s
Travel	4,5(	annual and a second statements and a second se	1,000		
Meals	1,250	<ul> <li>Antipological set as the set of the second se</li></ul>	350		
Technical Consultancy& Support			390,128	611,156	24,336
Subtotal Administration	1,498,993	2,937	iái,629	630.444	31.573

Residential Programs				, , , , ,	•	
Program Admininstration	- 82,802	138,318	•	11,929	9,467	
	587,983	2,948,637	1,056,053	1	274,661	
HESP -	4,854,096	2,050,481		755,789	639,665	
	-					a fatter and a fatter of the second
-				the manufacture of the statement of the		
			A det a recorder a secondar de construction de la construction de la construction de la construction de la const	<ul> <li>Provide a construction of the state of the s</li></ul>	<ul> <li>Month and a first part with part (1) first a spectrum</li> </ul>	W and the matter of the state o
ubrotal Residential	5,824,881	13,557,991	1,528,251	2,468,742	923.793	

ġ,

75 EFFICIENCY MAINE

•

STATISTICS STATES

67,012,222 FISCAL YEAR 2016 TOTAL BUDGET 1,000 SEP REVOLVING LOAN FUND 1,000 SEI Revolving loan Fund 10,000 SMALL BUSINESS REVOLVING LOAN FUND 478,000 ARRA Better Building Fund 2,753,101 LONG TERM CONTRACTS REVENUES AND FUNDING .

## EXPENDITURES

...

. .

2,827,526			4,000	43,000	Subtotal Administration
1,025,620					Technical Consultancy& Support
					Meals
5,500			na ta suma da patrimente por sel super y statuto di bana anta ha super sa super por generativa de la constanta		Travel
182,856	1			• • • • • • • • • • • • • • • • • • •	 Communications
20,000		a na kanana kananya mangka sa sa na na sa			Sponsorship & Dues
8,500					Corp Dues
404,884	I		4,000	43,000	Office Rent & Operations
· ·				1	Personnel Costs & Staff Support
11,250		ara-najari da shiya da shika kiradirili ikadiyada ƙwara a suna siya anga sa s		тала таларына таларын т	Board Meeting Expenditures

	1,00	(	435,000		Revolving Loan Support
		ANALYMANIAN INTERNATION A DI ANALAYAYA ANALAYAYA ANALAYAYA ANALAYAYA ANALAYAYA ANALAYAYA ANALAYAYA ANALAYAYA A		reringen and a source of the s	Loan Loss Reserve
					Retail Initiatives
				and Andrews Andrews A. Martin Alexandron Andrews Andrews Andrews Andrews Andrews Andrews Andrews Andrews Andrew	HESP
				άντη την του	Low income - Initiatives
					Program Admininstration
					Residential Programs
- PACKA I I I I I I I I I I I I I I I I I I I			000't	435,000	435,000

# ANNUAL REPORT 2015 76

<b>L</b>
L.
<u>v</u>
~~~
- 111
<
~
~
-
~
CIENCY MAINE TRUST FV3
~
- U
-
444
~
v.
~
<u>.</u>
12
141
m
TABLE 34: EFFICIENCY MAINE
-
-
62
<u> </u>

		CANTINGED	
2016 444			•
2	j	i	

	EMT ADMIN FUND	RGGI FUND	ELECTRICITY CONSERVATION PROGRAM	MPRP Setti Ement	FORWARD CAPACITY	Adress	
EXPENDITURES Business Programs			FUND	FUND	MARKET FUND	NHI VIAL GAS FUND	RENEWABLE RESOURCE FUND
Program Administration		i de la compañía de l Compañía de la compañía			;		
Business Incentive Program	and the second	59,309	184 DC0		,	•	
Large Customer Projects	<ul> <li>A statement of the statemen</li></ul>	1,156,902	6,663,828	ner de la serie de la remainer en la remainer de la serie de la	8,512		
Maine Advanced Building		7,595,690	4,653.917	270,331	and a second	107/4	
Small Business Initiatives	and the second sec	845,684	The star characteristic as a second	2,353,191	862/116/1		2 Martin Andrew Carlow Schwarzschurzer Martin and Barran Martin and Barran Schwarzschurzer (1998).
State House Energy Project	11 mar 1 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a	<ul> <li>a service conjugation in a service of the service of</li></ul>	1.010 017	antig e a su a antigueraqui aguna a saat a su ay ay	and the second		
Maine High Performance Schools		76,747	76 747	And the second	and a second		n n n n n n n n n n n n n n n n n n n
Multifamily Retrofits	1 Provide the second se		CV115		a construction of the second	in an a web of the second second reason of the second second second second second second second second second s	The second s
Commercial Loan Support	a managa ang ang ang ang ang ang ang ang an	1,603,276		1 Martin Martin Manual Andrewski Andrews Andrewski Andrewski Andre Andrewski Andrewski A Andrewski Andrewski Andrewski Andrewski Andrewski Andrewski Andrewski Andr		The Cold and the second second a second second	The second secon
Subtotal Business Process		anonana ana ana ana ana ana ana ana ana	reforman (anna a ann an anna anna anna anna a	art of the state and states and the states of the states o	an and a subscription of the subscription of t	meenin karne. Tarana ar karne ar mar "karnin kun kun kun karne karne a	
		11,337,608			and the second sec	[41,610 ]	2 THE MARTY HER WART THE AND
			17,041,4/5	2,623,522	1.976 210		
Cross-Cutting Strategies						1,197,356	
Program Administration							
Energy Education	and a second	45,439	105.812				
Training	ana na pina izan perang jaran barangat <b>a</b> nananan menyan ana kuma saran menyan an		100.594		23,601		
Innovation Pilots	and a second part of the second s	na produkti na		a a construction of the same of the	64,948	4,009	-
Research and Analysis	· · · · · · · · · · · · · · · · · · ·	AT O.S.	707/201		instantion of the second se		

77 EFFICIENCY MAINE

4,609

1,030,426

1,303,143

117,365

536,721

1

Independent Program Evaluation Subtonal Crass-Cutting Strategres

Research and Analsis

282,616 100,000

192'655

186,111 209,702

41,926 30,000

.

FISCAL YEAR 2016 TOTAL BUDGET
SEP Revolving Loan Fund
SEI REVOLVING LOAN FUND
SMALL BUSINESS Revolving Loan Fund
ARRA BETTER BUILDING FUND
LONG TERM CONTRACTS

## EXPENDITURES

...

32,485,372	•	•	6,600		2,753,101	Subtotal Business Programs
6,000	1		6,000			Commercial Loan Support
1,744,886			a baard of a second by a second s			MultiFamily Retrofits
					201 - 2000/1000/1011 (1 1000) (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011 (1 1000/1011	Maine High Performance Schools
				a na serie de la constante serie de la constante de la constante de la constante de la constante de la constant	<ul> <li>A Law of a constraint of the second se</li></ul>	State House Energy Project
1,010,1				Andressed And An Anna The I strangering in a strain of the Anna Strain S		Small Business Initiatives
						Maine Advanced Building
19,401,792			υτγντησημη.[1] θ <sup>α</sup> η Ν <sup>-1</sup> Ι ΙΤΙΝΝ Κολοθεί Πουσίου στο Πολιθού Μαλαλογίας και ο και ο και ο και ο και ο και ο και		2,753,101	Large Customer Projects
			an na na shi ta shi ka shi			Business Incentive Program
257,002						Program Administration
		-		<pre>&gt;&gt;&gt; 0 - Paint </pre>		Business Programs

<b>Cross-Cutting Strategies</b>	 -			-	
Program Administration		•	3	•	
5					165,542
Training		Guest of		164,202	164,202
Innovation Pilots				-	787,298
Research and Analsis				522,318	522,318
	-			•	636,721
Subtotal Cross-Cutting Stratectes					2,455,543

# ANNUAL REPORT 2015 78

TABLE 34: EFFICIENCY MAINE TRUST FY2016 AMENDED BUDGET AS OF 9/30/2015 -- CONTINUED

RENEWABLE RESOURCE FUND
NATURAL GAS FUND
FORWARD CAPACITY Market Fund
MPRP Settlement Fund
ELECTRICITY CONSERVATION PROGRAM FUND
RGGI FUND
EMT ADMIN FUND

## EXPENDITURES

ternative Energy	• • • • • • • • • • • • • • • • • • •					· · · · · · · · · · · · · · · · · · ·
Renewables-Demonstration Projects	I I	,	·	•		331,437
ative Energy		117,365	1,303,143	1,030,426	4,609	

Other Items						· · · · · · · · · · · · · · · · · · ·	
Payments to/for State Agencies			204,837	404,663 204,837 15,000 34,000 156,396 36,050	34,000	156,396	36,050
15% Rate fund				1,971,190	, , , , , , , , , , , , , , , , , , ,		
InterFund Transfers Out			530,331		199,402	20,304	
Subtotal Other Items	13,000	2,935,366	735,168	42,000	233,402	176,700	36,050

20,268,157 28,804,406 4,193,773 6,289,324 2,333,981 367,487	
H	
3,95	
2,33	
6,289,324	
9,3,	
,28	
9	
93,773	•
177	
193	
4	
0,268,157 28,804,406	
t,40	
,80	
28	
:	
1	
3,15	
26	
20	
ŝ	•
,99,1	
, S	
RES	
E C	
END	
EXP	
IAL	
TOTAL EXPENDITURES 1,511,993	
	1

.

٠

	LONG TERM CONTRACTS	ARRA BETTER BUILDING FUND	SMALL BUSINESS REVOLVING LOAN FUND	SEI Revolving loan Fund	SEP Revolving Loan Fund	FISCAL YEAR 2016 TOTAL BUDGET
EXPENDITURES						
Alternative Energy Renewables-Demonstration Proiects	· · · · · · · · · · · · · · · · · · ·					331 437
Subtotal Atternative Energy				•		31,437
Other Items						
Payments to/for State Agencies			<u>20</u> 20 20 20 20 20 20 20 20 20 20 20 20 20		1	863,946
15% Rate fund						1,971,190
InterFund Transfers Out	117 Ağırıman a				1	1,336,550

· · · ·

.

67,012,222	
000'1	
10,009	
478,000	
XPENDITURES 2,753,101	
TOTAL EXPENDITURES	

4,171,686

+

Subtotal Other Items

ANNUAL REPORT 2015 80

APPENDIX D

# **APPENDIX D**

TABLE 35: PUBLIC UTILITIES COMMISSION ASSESSMENTS AND REVENUE COLLECTIONS

		PUC Assessments and Revenue Collections - FY 2015 System Benefit Charge (SBC)	llections - FY 2015 e (5BC)		
Assessment Quarter:	Apr-Jun 2014	July-Sep 2014	Oct-Dec 2014	Jan-Mar 2015	
Billing Date:	16-Jul-14	15-0ct-14	7-Jan-15	2-Apr-15	
Collected during the Quarter:	July-Sep 2010	Oct-Dec 2010			
NAME					TOTAL FY15
Central Maine Power Co	\$2,556,898.00	\$2,887,691.00	\$2,635,380.00	\$2,952,100.00	\$11,032,069.00
		\$33,436.00	\$32,332.00	\$38,796.00	\$137,448.00
Emera (Bangor Hydro/MPS)	\$576,807.00	\$646,601.00	\$636,629,00	\$693,475.00	\$2,553,512.00
Fox Island Electric Coop	\$3,191.00	\$4,102.00	\$3,431.00	\$3,610.00	\$14,334.00
Houlton Water Co	\$23,264.00	\$22,961.00	\$24,193.00	\$29,641.00	\$100,059,00
	\$36,179.99	\$39,414.92	\$35,521.41	\$42,801.09	\$153,917.41
Madison Electric Works	\$9,641.00	\$9,546.00	\$10,282.00	\$12,453.00	\$41,922.00
Swan's Island Electric	\$668.00	00'206\$	\$709.00	\$743.00	\$3,027.00
Van Buren Light & Power Co	\$4,751.75	\$4,531.23	\$5,270.64	\$6,475.13	\$21,028.75
TOTALS	\$3,244,284.74	\$3,649,190.15	\$3,383,748.05	\$3,780,094.22	\$14,057,317.16

STATE BUDGET PROJECTIONS	FY2015	FY2016
Central Maine Power Co	\$11,032,069	\$14,554,452
Eastern Maine Electric Coop	\$137,448	· \$179,959
Emera (Bangor Hydro & MPS)	\$2,553,512	\$3,357,682
c (sop	\$14,334	\$18,700
Houlton Water Co	\$100,059	\$130,212
Kennebunk Light & Power	\$153,917	\$204,622
Madison Electric Works	\$41,922	\$47,186
Swan's Island Electric	53,027	\$4,003
Van Buren Light & Power Co	\$21,029	\$3,183
		\$19.550.006

81 EFFICIENCY MAINE

.

APPENDIX D

"The State of the 277 Press of the

,

		PUC Assessments and Revenue Collections - FY 2015 Natural Gas	nue Collections - FY 2015 Gas		
Assessment Quarter:	Apr-Jun 2014	July-Sep 2014	Oct-Dec 2014	Jan-Mar 2015	
<u>.</u>	16-Jul-14	15-0ct-14	7-Jan-15	2-Apr-15	
Collected during the Quarter:	July-Sep 2010	COLLECTED	0-Jan-00		
NAME					TOTAL — FY15
Northern Utilities - Unitil	ŝ	\$169,871.27	\$294,292.46	\$419,790.18	\$1,132,339.64
Bangor Natural Gas	*	-2-	4	\$	
SE	\$	<u></u>	\$		*
Summit Natural Gas	\$	÷-	\$-	\$	
TOTALS	\$248,385.73	\$169,871.27	\$294,292.46	\$419,790.18	\$1,132,339.64
FY15 PROJECTION					\$1,913,941.00
					\$1,696,490.00

· · · · ·

.

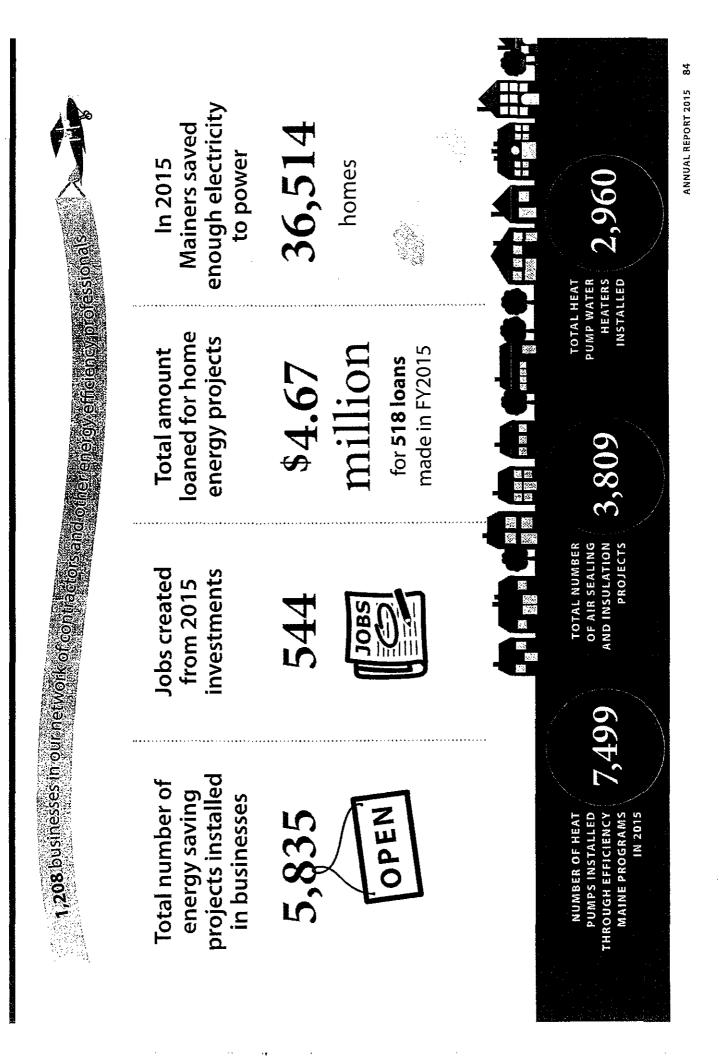
# TABLE 36: ALTERNATIVE COMPLIANCE MECHANISM REVENUES

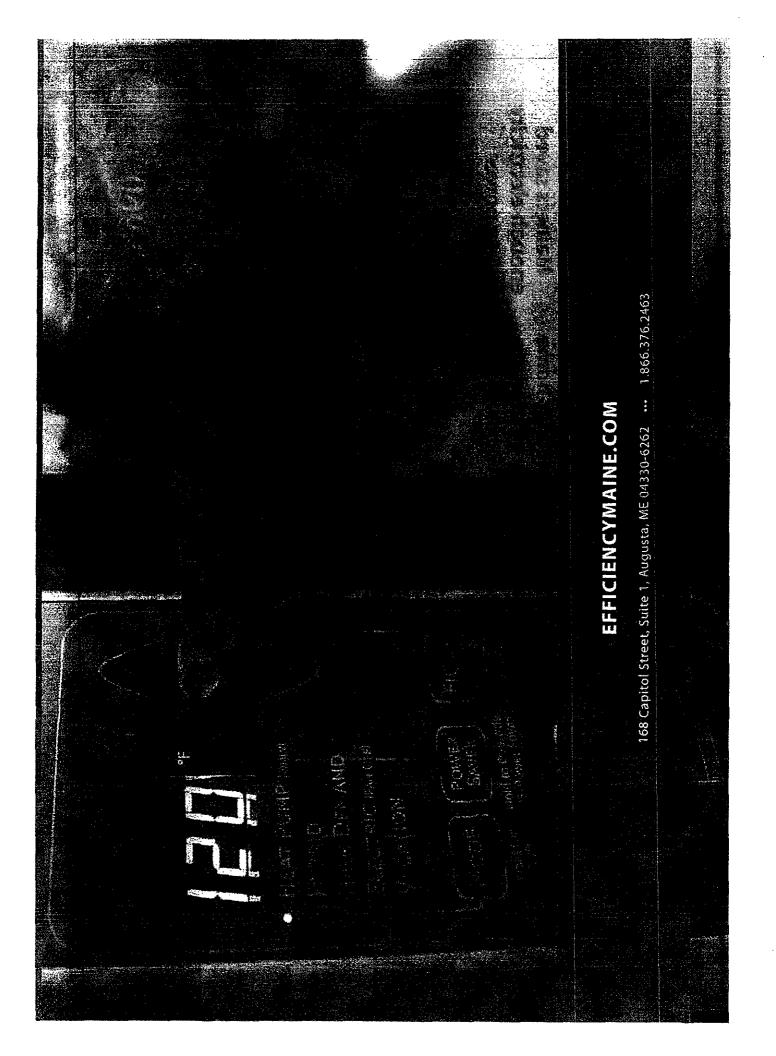
		Alternative Compliance Mec	e Mechanism (ACM )		
Assessment Quarter:	July 14-June 15				
Billing Date:	16-Jul-14				····· Anna Andar Gradue and Anna Anna Anna Anna Anna Anna Anna
NAME				101AL — FY15	TOTAL — FY15
Mint Energy, LLC \$130.56	\$130.56	\$	\$-	5-	\$130.56
Conedison Solutions, Inc.	\$3,680.04	*	\$-	-\$	
TOTALS	\$3,810.60	*	\$	\$-	\$3,810.60

ANNUAL REPORT 2015 82

	IN LOWER ANNUAL ENERGY BILLS FOR PARTICIPATING HOMES AND BUSINESSES
THE EQUIVALENT OF 26,142,422	Annual avoided GHG emissions in 2015: <b>21,383,368</b> TONS OF CO2
GALLONS OF OIL WILL BE AVOIDED because of thermal energy efficiency projects installed in 2015	Amount invested by Efficiency Maine in 2015: \$58,449,846
	Private dollars leveraged for 2015 projects: \$79,732,443

.







## Legal Notice - Energy Efficiency 6/22/16

.

Publication:	
 Cleveland Plain Dealer	· · · · · · · · · · · · · · · · · · ·
 Ashtabula Star Beacon	
Lake County News Herald	
Akron Beacon Journal	
 Elyria Chronicle Telegram	
 Medina County Gazette	
 Lorain Morning Journal	
 Alliance Review	
 Ashland Times Gazette	
 Ravenna Record Courier	
 Sandusky Register	
Norwalk Reflector	
 Massillon Independent	
Youngstown Vindicator	
 Warren Tribune Chronicle	
 Bellevue Gazette	Note: Ceased publication 5/2016
 Lisbon Morning Journal	· · · · · · · · · · · · · · · · · · ·
 Salem News	
Mansfield News Journal	
Marion Star	
Fremont News Messenger	
Port Clinton News Herald	
Springfield News Sun	
 London Madison Press	
Delaware Gazette	
Toledo Blade	
 Bowling Green Sentinel Tribune	
 Bryan Times	
 Defiance Crescent News	
 Northwest Signal & Courier	
	······

## RECEIVED

JUN 27 2015

Carrie M. Dunn

1456

## **AFFIDAVIT OF DISTRIBUTION**

STATE OF	0H10	)
	CUYAHOGA	)
CITY OF	CLEVELAND	)

I, <u>LINDA ZUNT</u>, being duly sworn on oath now and during all times herein stated, have been the publisher and designated agent of the publication known as,

THE PLAIN DEALER ("Publication")

and have full knowledge of the facts herein stated as follows:

ACC#40046682

The insert for <u>*Hear Conclusy Mont*(</u>"Ad/Advertiser") with **Agents** Insertion Order No. <u>C3238</u>/37-0/ was distributed according to the Insertion Order/Distribution List on the <u>22</u> day of <u>JUNE</u>, 2016.

By: Linka zunt

Notary Seal:

Subscribed and sworn to before me this <u>23</u> day of <u>June</u>, 20<u>16</u>.

Debu a Lipscont

**Notary Public** 

-----



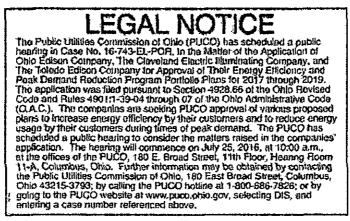
DEBRA A LIPSCOMB NOTARY PUBLIC STATE OF OHIO My Comm. Exp. 12-10-17

Ad Number	C3238137-01
Advertiser Name	First Energy Media
Site Name	The Plain Dealer
Ad Status	Complete
Reply By	Tue, Jun 21, 2016 - 12:00 Noon
Sales Rep	Ditmar, Brad
Sales Assist	Gibian, David
Ad Description	-
Size	3 x 3" - (4.889" x 3")
Color	Black and White
Last User	Smith, Kathy K
Start Date	Wed, Jun 22, 2016
End Date	Wed, Jun 22, 2016
Region	Cleveland

## AD NUMBER: C3238137-01

Preview Output: JPEG :

Image Size: 100% + Actual Size



Linda Junt

Desu le dipscomb



DEBRA A LIPSCOMB NOTARY PUBLIC STATE OF OHIO My Comm. Exp. 12-10-17

6/23/16, 12:52 PM

## 🚍 METRO 🚞

. - Y

Air race

competition KAREN FAREAS

The teams took off in

### Newswatch

### COLUMBUS

\$40M for transportation technologies 540M 107 Transportation techniclogics Columbus will receive a 540 million grant from the fea-al government to integrate innovative transportation technologies such as soli-diving curs, connected vehicles and amart sensors into the divy transportation network. Columbus will receive the grant from the U.S. Depart-ment of Transportation plus 810 million from Vulcan Inc. after beating out six other cities in the federal agency's Smart City Challenge. Ohlvir two U.S. sensor continued the award Tuesday. The other fundists that competed against Columbus were San Francisco; Pittbargh; Den-ver; Portland, Oregon; Austin, Tezas; and Kansas City, Missouri.

### EAST CLEVELAND

Council president faces 2nd recall vote East Cleveland voters will decide Tuesday, for the second time in about seven months, whether to recall Council President and Ward 3 Councilman Thomas Wheeler. On retitent and ward 3 Concursan Infomas weeter. On Dec. 6, with a turnout of hour? Porcent of the 3,683 we-ers in his Ward 3, Wheeler survived the first recail vote, which cost the financially struggling city \$10,635. The Coyahoga County Board of Elections expects Treadeys election to cost the same amount for East Cleveland, which is considering filing for bankruptcy. Wheeler is heading the City Council's efforts to merge the city with Cleveland. Results from the election will be announced July 7.

## CLEVELAND

## Retired teacher charged

Keinreit teacher charged A former middle school tescher accused of taking an "upskit?" recording of a woman in line for ice cream during Sunday's Cleveland Indians game has been charged. Cleveland police filed a compliant Tuesday charging Richard Abraham, 62, with tampering with evidence, a bird-degree folouy. Abraham, of Chardon, stuck his cellphone under the woman's dress and took either a photograph or a video without ber knowledge, according to court records. A man in line ahead of the woman saw the act, and Abraham ran, records say. Abraham was trying to delete the recording when the metired in 2013 from Kenston Middle School, where he taught for 35 years, the district said.

### CLEVELAND

### Final gang member sentenced

Final gang mennoer sentenced The final member of the Gleveland gang "DTO" arrested with more than 50 other people in an auto theft inves-tigation was sentenced Tuesday to three years in prison. Ramon Laster, 19, was sentenced by Cuyakoga Comby Common Pieza Judge Nancy A. Fuerst on charges of participating in a criminal gang, robbery and attempted receiving stolen property. The men charged in the No-vember gang roundup participated in numerous West Side robbertes and car thefts, according to prosecutors.

### CLEVELAND

Woman punched, choked outside store

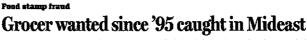
A Cleveland Heights man is accused of punching and choking a woman after the refused to give him change outside a liquor store. Robert Adams, 39, is charged with aggravated robbery. He was being held in the Cuyahoga County Jall on \$100,000 hond after his first court appear-ance on Monday. The incident happened about 8:46 p.m. Thursday at the Collinwood Village Food Mart.



Carissa Marion, left, and Jalia Manga are in a cross-country air ra

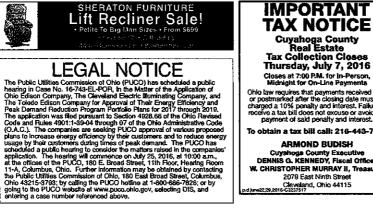
**Two Golden Flashes take flight** 

In the terms took off in Prescott, Attonas, and the race ends Prinds in Dayton, and the measure starvel at Beach, Florida. The ceasure plaues travel at receives a unique handicap. The total pre-the university said. The competition is the Instead of racing saginast their own that can be traved back to ther, the team sare However, each team must fly to. Landing The sitruct is driven at teach simports that the race the university said. The travel said to the travel said to the travel said to the competition is the that can be traved back to 19 other female pilots raced ing line at the start and fm-from Californias to Cleveland. The team of the team crosses a tim-best time. Each team crosses a tim-the side said the start and fm-from Californias to Cleveland. The team of the team crosses a tim-pilot. The team of the team of the team crosses a tim-pilot. The team of the team



Exc Hunse designed redundorm A man who pieleded guilty to high of the Elliott sail. States after bergin base kernel and the two deputy marshals freested in Jerusalem May 25, US. Marshal Peter Elliott sail. States after bergin base and bergin base and other with a state state state state and bergin base and other with a state state state state and bergin base and other with a state state state state and bergin base and other with a state state state state and bergin base and other with a state state state state state and bergin base and other with a state state state state state and be state state state and be state state and the state state state state and be state and the state and base of the state and base of the state state





Ohio law requires that payments received and/ or postmarked after the closing date must be charged a 10% penalty and interest. Failure to receive a tax bill does not excuse or avoid the navment of said negativ and interest.

### To obtain a tax bill call: 216-443-7010 ARMOND BUDISH

Cuyahoga County Executive DENNIS G. KENNEDY, Fiscal Officer W. CHRISTOPHER MURRAY II, Treasurer 2079 East Ninth St Cleveland, Ohio 44115





## A Division of New York Community Bank, Member FDIC

Plate Information as of OG/13/16. The payment on a \$200,000 30-year Conforming Road Rate Lean et 3.500% and 80% kun-to-veixe (LTV) is \$399,09 with zero points due at dooing. The estimated Annuel Percentage Rate (APP) is 3.565%. Payment does not hocked private mortgage issuance, tozes, hearance premiser with vois section 200 with zero points due at dooing. The estimated actual payment will be greated. Some state and covidy maximum loan anount testing may have a state of the payment of the paymen Member FDIC The bank is not responsible for typeraphical errors. Offer may be withdrawn at the discretion of the bank at any time.



AFFP 41JN 3x3-16743 LEGAL

# **Affidavit of Publication**

STATE OF OHIO } COUNTY OF ASHTABULA }

SS

nulinulinulinul

, being duly sworn, says:

That she is of the Star Beacon, a daily newspaper of general circulation, printed and published in Ashtabula, Ashtabula County, Ohio; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

June 22, 2016

That said newspaper was regularly issued and circulated on those dates. SIGNED:

Subscribed to and sworn to me this 22nd day of June 2016.

Tammy Hawes, Notary/Ashtabula County, Ohio

My commission expires: May 14, 2019

00004580 00103261 330-467-3909

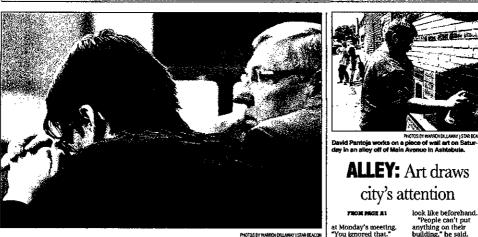
Kathy Alexander FIRST ENERGY CORP 56 MILFORD DR SUITE 100 HUDSON, OH 44236



TAMMY HAWES, Notary Public State of Ohio May 14, 2019

and the state

1457



Joffrey Ryan, 39, (left) waits for a jury's decision, with his attorney David Per Due, on Tusestay morning in the countroom of Ashtabula Country Common Pleas Judge Thomas Harris. He was found guilty of aggravated murder in the May 6, 2015, shooting death of his father Thomas Ryan and sentenced to 30 years to life plus three years for a gun spocefication.

# **RYAN:** Conneaut man gets 30 years-to-life for killing father

WEDNESDAY, JUNE 22, 2016

÷

Harris said the mag-altude of the crime merited the maximum sentence recommended by Ashtabula County Prosecutor Nicholas larocci. A mandatory three years was added to the sentence because Ryan had used a firearm in the commission of a crime.

the commission of a crime. Harris cited Ryan's lack of "genuine re-morse" and testimony he said showed the defendant "did hate his faiber."

he said showed the defendant "did hate his father." The judge said he found testimony from Robert Stroud, friend and financial advisor to Thomas Ryan, "most troubling," Last week, Stroud told the Jury that during a meeting with Jeffrey Ryan and his mother, Sandra, two weeks before the shooting, Ryan spoke the word's house" and "Wi shoot him." Stroud alo testified the elder Ryan had not been aggressive the day he was kulled. "I absolutely believe the sentence is justi-

"I absolutely ocacted the sentence is justi-fied by the evidence presented," Harris said. "Crimes don't get any worse than aggravated murder."

murder Marris said he was also mindful of the rela-tionship between father

Ryan's attorney, David Per Due, asked Harris to consider a 20 year-to-life sentence, cling his lack of criminal history. Jarocci said Ryan's clean leaal slate was not clean legal slate was not relevant. Thomas Ryan's reputation was "ma-

**'The Conneaut Police Department** did an 'outstanding job.' Many thanks to every officer involved, as well as (Bureau of Criminal

**Identification and Investigation**) representatives who testified.

### Micholas Isrocci Ashtabula County Prosecut

Renave Astrabuto 20 ligned" and "damaged" during the trial, larocci said. The defense had argued Jeffrey Ryan was alraid of his father because of beatings he endured growing up and acted to save himself and his mother the day Thomas Ryan was mov-ling belongings from the bouse he, Sandra and Jeffrey had shared at 488 Benjamin St. Thom-as Ryan had formally moved out a few days earlier and their mar-riage was being dis-solved. Prior to sentencing, Jeremy Ryan, the de-fendant's older broher, read a statement to Harris urging a "pun-isisment that fits the crime."

I forgive him. I do love my brother, my only brother." The outcome brought mixed emotions, said Jeremy Ryan, who testi-fied for the prosecution that Thomas Ryan had spanked, not beaten, his soos.

spanked, not beaten, his sons. "The verdict made me somewhat happy and a lot of ways sad," he told Harris." Ito str my my fa-ther, my mother lost ber busband, my brother has no father anymore." Sandra Ryan sat with ber back to ber oldest son during his remarks. After the hearing. San-dra Ryan's brother, the Rev. William Halter, said abe was "very disap-pointed in the verdict," adding defense evidence not allowed at the trial "would have affected the outcome." the

the outcome." "(Sandra Ryan) be-lleves Jeffrey acted out in protection of her and in self-defense," Halter

In seil-detense, naures sald. Later, Sandra Ryan told reporters the de-fense was not permitted to introduce evidence regarding Thomas Ryan's character. 'We weren't allowed to use any of that,' she said. Called as a defense witness. Sandra Ryan witness, Sandra Ryan said her husband had



Ashtabula County Pros-ocutor Nicholas larooci speaks during a sentenci ing hearing for Jeffrey Ryan was found guilt of accessed and martine on on

Tuesday moning. been physically abusive in the past toward her and Jeffrey. "I had to stay (in the bouse) to protect Jeff," she told reporters. Per Due declined comment afterwards expect to confirm they will be appeal. Jeffrey Ryan declined a chance to address the court before the sentence was autounced. Jarocci, after sentenc-ing, said he was "dis-turbed" by the defenses? depletion of the victim during the trial. He said jurors obviously found the attacks on Thomas

the attacks on Thomas Ryan's reputation, as well as the self-defense argument, to be "un-founded" based on the quick deliberation. "The Comneaut Police Department did an "out-standing job," larocci said. "Many thanks to every officer involved, as well as (Bureau of as well as (Bureau of Criminal Identification and investigation)



Timonere said the letter spoke specifically about painting an arch and a gondola. He complimented the artists, who attended the meeting but dld not speak. "You did a very good job, but nothing comes close to what Canta-galio approved," he said.

salla approved," he sald. Ward I Council member John Roskow-ics also pointed out the letter is nine years old. Ginnard said he plans to create an outside eating area for his restaurant at 4619 Mein Ave. and thought a mural would be a nice touch, he said. "I wat sold they can't do it," Ginnard said. "In order to retain the youth in our commu-nity, we must give them opportunities to express themselves." Fresident JP. Ducro V said the city sup-ports murals but it wants to see a render-ing of what it's going to





FREE ESTIMATES/BONDED & INSURED 440-224-7435 Hugh: 440-855-4077 BEBB

# LEGAL NOTICE

LEGAL NO FIGE The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 15:743-EL-POR, In the Matter of the Application of Ohio Edison Company. The Cleveland Electric Illuminating Company, and The Toteo Edison Company to Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filed pursuant to Section 4928.66 of the Ohio Havised Code and Rules 4901:1-39-04 through 07 of the Chio Administrative Code visage by their customers are seeking PUCO approved of varies proposed plans to increase energy efficiency by their customers and the companies' scheduled a public hearing to consider the matters raised in the companies' application. The hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2018, at 10.00 a.m., at the offices of the PUCO. 180 E. Broad Streat, 11th Floor, Hearing Boom 11-A, Columbus, Ohio, Further information may be obtained by contacting the Fublic Utilities Commission of Ohio, 180 East Broad Streat, Columbus, Ohio 43215-3783; by calling the PUCO holine at 1-800-885-7826; or by going to the PUCO website at tww.puco.ohio.gov, selecting DIS, and entering a case number referenced above.

ALLEY: Art draws city's attention look like beforehand. "People can't put anything on their building," he said. "It must be pre-ap-proved."

putting," he said. "It must be pre-ap-proved." Before the meeting, Ryan Holiday, who rents the apartment above Ginnard's eComm Cafe, said he coordinated with area artists to display their talents on the wall. "The mural was my idea and when I men-tioned it ito Ginnard's he said he's wanted a mural (on the side of his building)," he said. 'I just wanted the artists, who are my friends, to have the possibility of mak-ing this town better though their hearts." Holiday said he believed Ginnard had a permit. Ginnard said Holiday has 'a passion of what the city needs." Artists Amanda Loga, Flisa Albrecht, Chris McBride, David Panto-Ja, Tessa LeBaron and Johmy Joo were part of the making of the mural. They are a group of





# ishment that fits the crime." Sure a start of the start is not a moster, be said, struggling with his emotions. The lowed his idds, he lowed me and Jeffrey. He prayed for us on a daily basis. I for give my brother Jeff for mundering our father. I forgive him of the acts, the lies, the betrayal. I forgive him for that. But that doesn't mean the sentence should be lessened. God lowes my brother very much, as did our father. Because of that lowe, I can say **ROCK CREEK:** Personnel shake up continues

### FROM PAGE AL

charges — investigators declined to comment on the active investigation — but Forristal sald she

— but Forristai said she bopes they will. "I liked both of these employees a great deal; considered them per-sonal friends," Forristal said. "So it has been pretty difficult. But we do what we have to do." At a special meeting last week, council bired Pare's renlament bired require nine bours per week, Forristal said. "I felt It was more im-portant to have some-one who could come into our office," she said. "Even though she doesn't have any mu-pleinal generations, the

Pace's replacement, Sue Haehn. She has banking experience at Middle-field Bank, Huntington Bank and National City Bank and worked in her

her:" There are some issues where Hachn may need help, such as loan payments, and For-ristal asid Pacc has been in the office helping Hachn adjust. She rec-ommended at a Monday meeting the village pay Pace as needed to continue helping Hachn, but Solicitor David Mcaccounting for 16 years at Crandall Ford in Madison.

Madison. "I was tooking for a part-time job that would suit me and it's very close to home," Haehn said Monday. "I'm willing to give whatever it takes, but I still have small hours."

Combs advised against

Haehn is working through a 90-day trial period right now, with a temporary salary of \$8,000. The village's fiscal officer and tax administrator positions are combined, and only require nine hours per week. Forristal said. It. "The woman resigned under threat of being fired for her misuse of the books," he said. Village officials also learned Monday the search for a permasearch for a perma-nent administrator will become more pressing, as Phillips tendered his

as Phillips tendered his resignation from the role, effective june 30. "Our biggest dilem-ma is it is only a part-time position," but it requires a full-time mentality, Forristal said last week. "I need some-one who can be there physically with us every morning. nicipal experience, she has enough background experience I think it'll be a good transition for her "

Most people simply cannot afford to only work part-time unless they have another parttime position." While Forristal said the Ideal candidate doesn't need water or sewer licensing, she ex-pects them to be willing

# representatives who testified," he said.

to undergo the process The administrator would be expected to work from 7:30 a.m. to

noon

net.

# **AFFIDAVIT OF DISTRIBUTION**

The News-Herald 7085 Mentor Avenue - Willoughby, Ohio 44094

STATE OF: OHIO

- - - t

COUNTY OF: LAKE

CITY OF: WILLOUGHBY

I, Cher French, being duly sworn on oath now and during all times herin state, have been the designated agent of the publication known as,

The News-Herald (" Publication")

And have full knowledge of the facts herin state as follows:

The insert for First Energy ("Ad/Advertiser") was distributed to the Publication's full circulation on the 22nd day of June, 2016.

Bv:

Notary Seal:

Subscribed and sworn to before me this 22\_day of Jule 2016\_\_\_

Notary Public



**Beverly Dever** Notary Public, STATE OF OHIO My Commission Expires 11-13-19 Recorded in Lake County Ohio

# CLICK TO CONNECT

## SPECIAL SECTION

.

For Saturday, June 25, 2016, subscription rates will be increased to reflect a Special Content Edition on the Cleveland Cavallers at a cost of \$2. To opt out, contact customer service at 888-787- 0717 priot 888-787- 0717 prior to Thursday, June 23, 2016. If you do not opt out, the cost of your subscription will not change, but the term will be shortened.

### TWO CENTS

Do you willingly sit at a communal table at a restaurant if a private table is also available? Send us your vote at NEWS-HERALD.COM/ LIFESTYLE

### **PIN THIS**

Let's get crafting! Find Ideas, tips and tricks for arts and crafts projects when you bookmark or follow our Pinterøst board. PINTEREST.COM/ NEWSHERALDINON/ ARTS-CRAFTS-DIY REST.COL

### THERE'S AN APP FOR THAT

Get News-Herald headlines deliver ed to your mobile device with our free app. Find it for

the iPhone in the App store: bit.ly/NHiphone

# Art STICKING TO A BIG BITE



University of Cinciunati students created Duck Tape artwork which was displayed around Veteraus Memorial Park. The 13th Annual Avon Heritage Duck Tape Festival was held June 17 to June 19. About 60,000 were expected to attend the popular event.

Check out the full photo gallery at work.news-newslocow

PIRECOUNTY

By Rantels Pranko The Associated Press

### **OUOTABLE**

"That there's always someone better. You're never the best and you always want to work to be the best, but it's going to take a while to be the best."

who was awarded The News-Herald Senior Scholar Athlete Scholarship at The News-He news-heraid.com/tonjc/senior\_bowl. Joe Formaro of West Geauge Borel on June 17 Read ment of

# CLEVELAND **RNC** protest rules in line



weren't harmed. A coroner determined all but one of the victims had been shot repeat-edly, and some had bruising. "You can't be in those scenes or meet with the fun-lay members and not be im-pacted," bureau Superinten-dent Tom Stickrath said Tues-day in a joint interview with DeWine and Pike County Sheriff Charles Reader at the bureau offices in London. LOEDOC, OHIO 5 More than two dozen investigators are focused on solving the slay-ings of eight relatives who were found shot in southern Ohio two months ago, off-cials overseeing the top-pri-ority investigation said Thes-day.

Cleveland Cavaliers Victory Cruise Today, 3:30 - 5:30pm 210-301-5110 course good times.com

 $\sim 10^{-1}$ \*.v

Authorities have review haven the history of the charge mathematic search and cover the whore the difference of effective models bones where the difference and relocations.
 Authorities have review haven the search and cover the whore state has a space of effective the darge the difference of effective that is part of the darge the difference of effective that is part of the darge the difference of effective that is part of the darge the difference of effective that is part of the darge the difference of effective that is part of the darge the difference of effective that is part of the darge the difference of effective the darge the difference of the darge the difference of effective the darge the difference of effective the darge the darge the darge the difference of effective the darge darge the darge the darge the darge the darge the darge the

# A JUNE 20 EDITION?

Oue to high demand Due to high demand for the special Mon-day, June 20, CAVS win edition, we have provided our retreiters with additional copies that will be available to purchase this week. Monday's edition is also available for purchase at The News-Hera'd offices at 7085 Mentior offices at 7085 Mentior Are, Wildinghy.

Pick 3: 541/431 Pick 4: 3859/2076 Pick 5: 9-0-7-0-4/2-2-1-1-8 Rolling Cash 5: 1-9-13-14-19 Jackpot: \$100,000 Classic Lotto: 6-11-23-28-30-49 Jackpot: \$8.4 Million Kicker: 2-7-0-4-1-6 Hotiline: 800-589-6446

LOTTERY

MEGA MILLIONS Tuesday 6-13-21-49-50 Mega Ball: 10 Megapiler: 5 POWERBALL Saturday 2-23-41-53-63 Powerball: 11 Powerplay: 2 Jackpot: \$184 Million PENNSYI VANIA Pick 3: 446/815 Pick 4: 0401/288 Cash 5: 8-12-13-28-35

MICHIGAN Daily 3: 346/835 Daily 4: 8799/6594 Fantasy 5: 3-8-12-23-28 Lotto 47: 6-8-25-30-39-46

### ORITUARIES

CBI UNKRES The following pathtames appear on Page 87. Len Carola (Stemoson Breed-love, Lewis E. "Loy" Knight U., Luwi Yaky Rettper (ree Cook), Panela D. "Pan" Harman, Sharol Lee Currat (free Marril), Regina (Shela) Sober, Lary E. Phatt, Tabbert Mark, Ethin (Shela) Sober, Lary E. Patht, Tabbert Mark, Ethin J. "Rait: Blavers, Betty J. Glicker, Dennis G. Paulin, Bowling

Like The News-Berald ok at Facebook.com/ NewsHaraldin0

Investigators plug away on family deaths

with other conventions The Associated Press CLEVELAND > Cleveland its rules for protests and marches during the up-tional Convention Na-tional Convention are similar to those in other convention clies where the Secret Service wort federal courts upheld chal-lengrs.

rederal courts upperd chai-lenges. Description of ex-pression. The secure zones. The American Civil Lib-include areas surrounding erties Union of Ohio sued the city in federal court media center. last week on behalf of two A hearing on the AC-groups that claim rules LU's lawsuit is scheduled and restrictions on pro-



LEGAL NOTICE LECGAL NOTICE The Public Utilities commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-743-EL-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric thuminating Company, and Peak Demand Reduction Program Portfolio Plans for 2017 through 2018. The application was filed pursuant to Scotton 4928.65 of the Ohio Revised Code and Rules 4901:1-S9-04 through 07 of the Ohio Administrative Code (O.A.C.). The companies are seeking PUCO approval of Varie Test proceed plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commance on July 25, 2016, at 10:00 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Floom 11-A, Columbus, Ohio, Further information may be obtained by contacting the Public Ulities Commission of Ohio, 180 East Broad Street, Columbus, Ohio 43215-S785; by calling the FUCO holline at 1-800-685-7826; or by going to the PUCO will at the work out-onling out, selecting DIS, and entering a case number referenced above.

LOOKING FOR



# **AFFIDAVIT OF DISTRIBUTION**

STATE OF Ohio ) COUNTY OF Symmit ) CITY OF AKrON )

I, <u>Ann Hartman</u>, being duly sworn on oath now and during all times herein stated, have been the publisher and designated agent of the publication known as,

Akran Beacon Journal ("Publication")

and have full knowledge of the facts herein stated as follows:

The insert for  $F_{1/5}$   $F_{1/5}$   $F_{1/5}$   $F_{1/5}$  ("Ad/Advertiser") with Insertion Order No. 7459 was distributed to the Publication's full circulation on the  $22n^d$  day of June\_\_\_\_, 2016.

By: ann Hartman

Subscribed and sworn to before me

this <u>Brad</u> day of <u>Jure</u>, 20<u>91</u> <u>Jain Berly</u> <u>Anderson</u> Notary Public

Notary Seal:



Kimbarly J. Anderson **Resident Summit County** Notary Public, State of Ohio My Commission Expires: 04/02/2020

# **Big names** in Britain are urging a pro-EU decision

. . .

Prime minister tells voters to think about future generations

By Danica Kirka and 301 Lawless Associated Press LONDON: From the prime minister to LONDON: From the prime minister to sports and pop icons bavid and Victoria Beckham, supporters of Brital saying in the European Union urged voters Tu-eskay to think shout fulture genera-tions where they cast balloss in a referendam that has divided the na-tion. Which the black face.

tion. With the black door of 10 Downing St. of-fering a ststesman's statknop, Prime Min-ister David Cameron appealed directly to HU-wary older vot-ers, saying that leaving the bloc would risk the country's economic se-quences. "Do think about the hopes and dramas of your children and grandchildren," he sid. "They can't undo the decision we take," he sid. They can't wote out, that I, us vote out, the largedy heated cam-paign moved into its rease final days. Op-ponents said the state-ment outside the prime minister's residence betrayed Cameron's worry that the referen-due he called to settle Brienin's pices in 2000 Briening and the state-ment outside the prime minister's residence betrayed Strein's pice in 2000 Steve Hillon, a for-mer Cameron advis-er who now backs a 'leave' vote, said Cam-

out by rather panicky spin doctors." Cameron, seemed to direct his appeal at those who grew up in the after-shadow of Britain's imperial pe-riod, in a nation that had stood against Nazi tyranny during World War II. Polls suggest these voters, many of the voters, many of these voters,

fect the pan-European EU project. Cameron tried to as-sure them that Britain renains a great country - even if it is part of a 28-nation bloc -- and that being in the EU allows the country to promote the values it holds dear. The "remain" camp also got a boost from more popular -- and popular -- and popular -- and popular -- and his designer wife Victoria added their volces to the EU cause. "For our children and their children we should be facing the problems of the wold to gether and not alone,"



Orlando mayor Buddy Dyer (left) and Attorney General Loretta Lynch view a memorial Tuesday at city hall of 49 wreaths, one for each victim of the Pulse nightclub mass shooting in Orlando, Ra. | JOHNRAOUX/Associated Press

# No 'magic bullet' against jihadist hype, AG warns

Lynch visits Orlando still shaken by shootings that killed 49 at gay nightclub

LEGAL NOTICE

LECGAL INCOTICE The Public Utilities commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16:743-EI-POR, in the Matter of the Application of Ohio Edison Company, the Cleveland Electric Burnhafting Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2018. The application was field pursuant to Section 4928.86 of the Ohio Revised Code and Rules 49011-59-04 through 07 of the Ohio Administrative Code (IOAC). The companies and setKing PUOD approval of various proposed plans to increase nengy efficiency by their customers and to reduce onergy unside by their customers during times of pack demand. The PUCO has scheduled a public hearing to consider the matters related in the companies splication. The hearing will commerce on July 25, 2016, at 10:00 a.m., at the offices of the PUCO, 180 E. Stored Street, 11th Root, Hearting Room 11-A, Coumbus, Ohio, Further information may be obtained by contacting the PUCO holise of 25:867-728; by calling the PUCO holism at 1:800-887-728; by calling the

usage OK'd for takeoff

for special permission we shall dronk the social spectra shall dronk the protect public safety of struggling to write rates that would bob protect public safety of struggling to write rates that would bob protect public safety and free the benefits of a cryst the long-anti-fact we link the struggling to the that social struggling to the the social of the spec-ro and the benefits of a cryst the long-anti-protect public safety and free the benefits of a cryst the long-anti-tion stace the social struggling to the the the social struggling the the the social struggling to the the the social struggling the social struggling to the the the social struggling the social struggling to the the the social struggling the social struggling to the the the social struggling the social struggling to the the the social struggling the social struggling to the the the social struggling the the social struggling the social struggling the the social struggling the s

# Small drone







CALL TODAY 330.664.1650

1460



225 E487 - ,≝NUE + FONED + 4010 + EVFF 4, CH 0, 44038

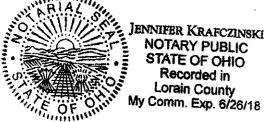
Jer Wetia Trujin Dri 44067 Alexander

To Whom It May Concern:

This is to certify that on  $\frac{Wed}{JUWe} \frac{22, 2016}{157, 52}$  the Chronicle-Telegram inserted a  $3 \times 3$  AL for:  $\frac{3}{157, 52}$ entitled: <u>legal Notice</u>. Circulation on that day was

Sincerely,

Subscribe and sworn to before me this <u>22nd</u> day of <u>June</u> , 2016 By <u>Kyzak yinkli</u> (Novary Pyblic) My commission expires <u>(0/2/0/18</u>.



# ISLAMIC STATE IN IRAQ **Militant presence** persists in Fallujah

### Susannah George The Associated Pres

Susamult George The Associated Press BAGKIDAD — Only a third of Fallujah has been 'teleared' of Islamic State milliants, the U.S.-Ied coalition said Tuesday, days after the trael government declared vitcory in the city west of Baghdad, which was held by the extrem-ists for more than two years. Other parts of the city are "contracted," said U.S. Arny Col. Carlistopher Gavrer, the Bagh-dad based spokesman for the coalition, with lashes underway between Iraql forces and Islamic State fighters. Most of the city and "claening oper-tions continue outward from the cley center," Carver added. In Fidder al-Obed, with Targ's special forces, told Tark Associated Press his troops controlled ato Percent of the city. Ingl Prime Minister Heider al-Abadi said Fri-oger that Fallujah the 'teturned to the embrace

uragi Frine Minister Hawer at-Abadi said Fri day that Fallujah had "returned to the embrac of the nation," and that remaining Islamic Stat pockets would be "cleaned out within hours."

Faculty Patterial Faculty is the test tisamic State Destion in the spraving Arber province. Isamic State controls province. Isamic State controls second-targest city. More than 3.4 million targits have fact wher homes since the Isamic State one than 3.4 million targits have fact wher homes since the Isamic State one targest across northern and western fact in the summer of 2014, according to U.N. figures. More than 40 percent of the displaced are torn. Anber province. The U.N. refugee agency said Tuesday that thore than 85.000 people have field Failulai and the sumounding mare since the recent offensive began. A U.N. apolesevenes said she appended that thousands in one "could sait the planning to leave the city"

expected that thousands more "could still be planning to leave the city" and appealed for more aid donations.

of the nation," and that remaining islamic State pockets would be "cleaned out within hours." But in recent days there have been persisten clashes between insol forces and hismic State fighters hold up in dense estimational index of al-Shurta and al-jughalfi, al-Obeid told the AP on Tuesday. He said trail military "What it tooks like is ion Islamic State of the size beit arout of the city oper the defenses inside," Garver add, explaining that as nece. "That could be their toughest fighting. I reqi commanders on the ground say their forces continue to make progress and have

# **Doctors Develop** What Experts are **Calling the Ultimate Digestion "Poop" Pill**

Helps solve the problem of constipation, gas and bloating. No dangerous drugs, cleansers or harsh laxatives.

By Stephan K, Roth Health editor If you're one of the millions tortured by on, the new nstipati just got a lot worse. Even if you suffer with terrible cramping. Or the painful pushing, straining and endless bathroom

visits associated with constipation; it turns out, it could be just the beginning of your problems.

According to Dr. Michael Steelman. world famous bariatric indisputable results," adds Dr. Steelman.

Can Popcorn Fix Your Colon? Vour Colons? Water is the key to colon hralith. So in order to increase the effectiveness of ordinary (and potentially unsafe) magnesium, scientists drew inspiration from, of all things, — popcorn. Using the process of popping a kernel as a guide, they discovered that a grain of magnesium could be re-hasted until it yopped, which doctor, "If you don't get your constipation under your consupation Under control your system may be overloaded with waste. The longer the waste remains in your system, the more opportunity there is for deadly toxins the service into your to escape into your bloodstream, resulting in fatigue, pain and worse." until it 'popped,' which significantly increased the surface area.

Softer Stools & Faster Elimination

Elimination The result was a proprietary form of natural magnessium called Active Magnesia. Amazingly, it acts like a giant sponge drawing up to 4 times more water to the colon than regular magnesium. And more water means And more water means softer stools and quicker and easier elimination.

And since it works with your body naturally, you don't need harsh laxatives or awful-tasting fiber that can leave you feeling bloated, uncomfortable, and with a critity taste in and with a gritty taste in your mouth

Don't be a 'prisoner' to the bathroom

H2Go contains the exact amount of Active Magnesia you need to get the job done. Right off the bat, you get into a routine. You get regular and stay that way, visiting the bathroom each morning like clockwork. You get back on schedule and do the things you love, without being a prisoner to the bathroom.

things WORSE.

That's because drugstore remedies aren't enough. You may get temporary relief but it tums out those over-t counter laxatives and stimulants you rely on, with prolonged use, can intensify your constipation problems!

Finally, a Breakthrough

a Breakthrough But now there's breakthrough science that uses one simple constipation once and for all. It's called H2Go an ingentous new mini-tablet that's guaratteet to work and could change your life forever. You won't ever have to sit in your bathroom praying for relict again. "Thankfully with

"Chankfully with "Thankfully with H2Go you can END your constipation- and be Regular Again without gas, without bloating and without nain without pain... guara to work, backed by

H2Go fits your lifestyle and it's so easy on your system that you can use it every day with total confidence.

# Recent Survey Confirms Effectiveness

62% claim it works better than other products

83% would recomm H2Go to a friend Doctor

Doctor Approved.

"I've tried so many products. H2Go just does the trick for me. I've never had a product that works so beautifully, I think it's a miracle and that's the truth. Without H2Go, I'm lost," says Barbata Z. "Ever since Lean

going smoothly. Other colon cleansers,

though successful, made me bloated and uncomfortable but with my H2Go fnally I can go note comfortably without any bloating or discomfort," adds Vickie.

natural treatment that is very well tolerated. After a few weeks of using H2Co, patients report less stress and more energy. Some patients simply look better. H2Co continues to

According to the Mayo Clinic: Not all OTC laxatives are safe for long term use. Overuse can lead to dependency and decreased bowel function.

Works in Three Different Ways

No other product does it all like H2Go! First, it's fast-acting yet gentle enough for everyday use...NO fiber, NO bulk,

enough for everyway use...No fiber, NO bolk, NO bloating. Second, it's great for occasional overnight relief without initation or overstimulation. Finally,

amounts of waste could cling to and harden on your colon walls, just like the pipes in your home? By the time you're age S0, this 'tonic studge' begins to fester.

unstoppable energy, and healthier than have in a long time.

90% of users surveyed saw regularity improvement

Recommended.

hend

Boctor Approves. H2Go has given thousands of people the much needed comfort and peace of mind they never had before.

"Ever since I can remember I have always had trouble

"H2Go has been an extremely reliable, gentle natural treatment that is

be our first choice," says Dr. J. Volpe, Physician For Alternative Medicine.

Special Opportunity for our Readers

for our Readers The manufacturer of H2Go has set up a special hottine so yeu can order directly. Even better, if you're one of the first 500 callers, ask how you can get a 30-day supply of H2Go risk free!

Call 1-888-270-0770 today to end constipation. You may also be eligible You may also be eligible to receive the eye-opening Special Report, Constipation & You, packed with tips on how to keep your colon clean as a whistle! It's a \$25 value but ask how it can be yours FREE.

be yours FREE. End the torture of constipation once and for all. Get well and stay that way with H2Go. Call Now Toll Free 1-888-270-0770.

Introduct Searchs Mus May

Sheve state new vill ave live teach excituated by the CS houd and Drug Alministration Shever fooduct up that which is the discription of out a current and the yill sheve

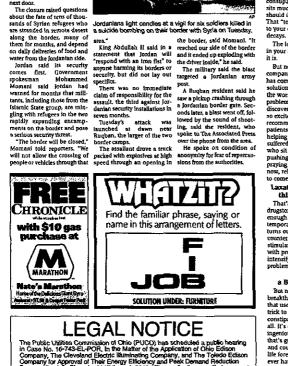
12.171.5255 <u> na serie de la company de</u> N7.27672ADA 1

# last entry point after blast Kerin Laub and Iohammed Daragh The Associated Pre

Jordan seals Syria refugees'

The Associated Prees AMMAN, Jordan — Jordan scaled its last entry point for Syrian refugees Tuesday after a cross-border suicide attack killed six members of Jordan-fan security forces, wounded 14 and exposed the pro-West-en kingdoms growfing vulner-ability to spillover from conflict next door next door

The closure raised questions



LECOAL INVOLVES a schedule apublic hearing in Case No. 16-743-EL-POR, In the Matter of the Application of Ohio Edison Company, The Clevaland Electric Illuminating Company, and The Toledo Edison Company, The Clevaland Electric Illuminating Company, and The Toledo Edison Program Portfolio Plans for 2017 through 2018. The application was filed pursuant to Section 426-866 of the Ohio Revised Code and Fulses 490(1:38-04 through 2018). The application was filed pursuant to Section 426-866 of the Ohio Revised Code and Fulses 490(1:38-04 through 2016). The application was filed pursuant 57 of the Ohio Administrative Code (OA.C.). The companies are seeking PUCC approval of various proposol plans to Increase energy efficiency by their customers during timest of peak demand. The PUCC has proceed on the Use Administrative Code of the PUCC NB Ce Broad Street, 11th Floor, Heating Room 11-4, Columbus, Ohio, Further information may be obtained by contracting the PURC barrow of Ohio 128-281 and Street, 1600-856-282 or by Soling to the PUCC barrow spot. Ohio 43215-3783; by casing the PUCC barrow, selecting Dis, and entering a case number referenced above.



When you're constipated fecal matter sits much longer than it should in your system. That "toxic gunk" clings to your colon walls and decays.

The longer the waste is in your system, the worse it is.

But now, a small company out of Florida has come up with a solution to help end even the worst constipation problems. And its discovery has doctors so excited they're recommending it to their patients. And it's even helping people who have suffered for years. People

who sit in agony daily... pushing, straining, and praying for relief. But unti now, relief never seemed

Laxatives can make

it's a superior colon cleanse that helps detoxify

your body. What Goes In MUST Come Out!

Did you know that every time you move your bowels, small feftover

Unlike other products, H2Co cleanses your colon, eliminating toxins so you feel 'lighter' with

### AFFIDAVIT

AFFID

THE STATE OF OHIO County of Medina

I, the undersigned, being duly sworn, do upon my oath depose and say for the publishers of THE MEDINA GAZETTE; that said newspaper is printed and published, and of general circulation in Medina County; that said newspaper meets the requirements of Sections 7.12 and 5721.01 Ohio Revised Code as amended effective September 14, 1957, and that the notice, a copy of which is attached, was published in said newspaper on the 22nd day of June, 2016 A.D.

Clerk, THE MEDINA GAZET

Sworn to and subscribed before me this 24th day of June, 2016.

Notary Public

DALE E. RUTAR, Notary Public For the State of Ohio My commission expires Aug. 31, 2019

二月二十二日日 3.2 4.4.4.4.4.4.4 The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing m Case No. 16-743-EL-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Beduction Program Portfolio Plans for 2017 through 2019. The application was filed pursuant to Section 4928.66 of the Ohio Revised Code and Rules 4901:1-39-04 through 07 of the Ohio Administrative Code (O.A.C.). The companies are seeking PUCO approval of various proposed plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2816, at 10:00 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio. Further information may be obtained by contacting the Public Utilities Commission of Ohio, 180 East Broad Street, Columbus, Ohio 43215-3793; by calling the PUCO hotline at 1-800-686-7826; or by going to the PUCO website at www.puco.ohio.gov, selecting DIS, and entering a case number referenced above.

Printer's Fees	\$ 137.25
Notary Fees	\$ 1.50
TOTAL	\$ 138.75

Cyah A3 magenta A3 block A3

The Gazette

LOCAL -

Wednesday, June 22, 2016 A3

# County set to accept gas bid

wo Brunswick fes tivals are gearing up to provide ent and fun for the community this

The St. Ambrose Summer estival begins Thursday and ondinues through Sunday. It dll be followed by the innewick Summer Celebration

awick Sammer Celebration runs lune 29 through 104 4. Veir really hopeful that the festivals being back-to-(will create an economic for Brunswick and make swick the place to be over time," said David Hoover, 1 of communications and ceting at St. Ambrose h.

Branterti Dobbies IT No Gazetti
 Mich, Dy byrdrag in holi, woold cr.
 Mich Dy byrdrag in holi byrdrag in

Medina Schools to repave

some of its parking lots

The Medina Board of Edu-cation recently approved a Garfield Elementary, Th

The Neckan Based of Edua: existon records proported Bid for a reparing project aron Asphale Wang fan. In the smoutof (\$341,070.75. "It was a very competitive bidding: "We'n piesaci the based discont of lassi: The Statement of the Statement Data Stotoment Fagi arbot preference (a Community Reversion The Statement of the Statement Community Reversion The Statement Community Reversion Community Reversion The Statement Community Reversion Community Reversion The Statement Community Reversion The Statement Community Reversion The Statement Community Reversion Communi

PARDONS From At Call it & parado from wed. Lack Muray, ormer of Stat Meral Products in Weilikaka day. All er webcare to use they sear web web day. Solar webcare to use they sear web web webcare to a state they sear use it fodory or they were search and the web solar work, be said. This for the year L told them they can use it fodory or they were the solar to the solar work to said.

"There's only a bettom amount of discretionary income that family back, Kish said. "You're taking two festi-vals within eight days — they're either going to be able to go to one or the other but not to

ether going to be able to go to one or the other but not to both." Howers, however, and the fastivals being close together will be no problem, but rather keep the energy going for two weeds in Riverswick. "People don't get fired of going to is further.

se au wordt a beer in my hand." Contact Need another reason to a featy sidp work? Think of today as a subsec





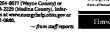
Murry and Inerary be Murry and Inerary be The acharace with the will you er there, get back, and i wor-to see the team. But with the end if there will be a guarante to see the team. But with the Marry has a way of being more the see will you er there will be a guarante to see the team. But with the Marry has a way of being more the see will you Marry has a way of being the wrong moment. Came of the set will you faither will the Angles the terms by the beam cour-Came of the set will you came of the set will will be a sub-troped ourse 1 to Angles hert be topic books, the prochastion Thereisy deal there wrong comment. Same of the set will will be home out topped ourse 1 to Angles here topic output, the topic out there wrong comment. Threas to public, the wrong moment there being comment. Threas to public, the terms of the team phone topic output the seam on the champleinh there and the seam on the champleinh there and the seam on the champleinh there hould be the seam on the champleinh there hould be and the seam on the champleinh there hould be and the seam on the champleinh there hould be and the seam on the champleinh there hould be and the seam on the champleinh there hould be and the seam on the champleinh there hould be and the seam on the champleinh there hould be and the seam on the champleinh the seam on the se

The exchange will make the Cavallers bistoric tory over the Golden

### VISIT MEDINA-GAZETTE.COM

œ







approval of various ters and to reduce of ct. The PUCO has in the companies' a 5, 2015, at 1000 a.r loor, Hearing Room street, Columbus, to Street, Columbus, to custom demand raised to July 25, 11th Fit tacting the tabus. Ohio 85-7826; or by going to g DIS, and entering a c

SOLUTION UNDER: FURNETLIRE l 12. Izvalate v Constanting al an entration of the second state

> Cyan A3 magenta A3 black A3



family of four, the annual locome must be at or below \$42,525. The pitogram runs July 1 until Aug. 51. Call Community Action Wayne / Aedita at (330) 264-8677 (Wayne County) or (330) 723-2229 (Medina County). Infor-mation is at WavesaurgyZelpablogov or

(800) 26



Copyright © 2016 Medina Gazette 06/22/2016

\$2 Off Any Purchase Of 10 or More

CONDON THE CAR DEPENDENCE TO A

1321 PEARL RD. BRUNSWIC

330-225-7912



**Back-to-back festivals** 

coming to Brunswick

d communications and the SL Ambros Summer Factors at SL Ambros Summer Factors and SL Ambro

F

JOB

Le conditioning assistance The Ohio Benchmen Services group and Committy Adam types/Medina announced 8 pipgam to the Innone Eargy Additores Summer The Innone Eargy Additores Summer sistence covering the cost of an electric sistence covering the cost of an electric



1467

# **AFFIDAVIT OF PUBLICATION**

The Morning Journal

1657 Broadway Avenue

Lorain, Ohio 44052 • (440) 245-6901

### STATE OF OHIO, Lorain County, ss.

I, <u>Paula Velazquez</u> of THE MORNING JOURNAL, (a newspaper printed in said County, and in general circulation therein and meeting the requirements of Section 7.12 of the Revised Code as amended, effective September 12, 1957.) being duly sworn, do upon oath, depose and say that the annexed advertisement was published in said newspaper.

### **First Energy Media**

Published in the following edition(s):

The Morning Journal	06/22/16
morningjournal.com	06/22/16
morningjournal.com	06/22/16

Sworn to the subscribed before me this 06/23/16.

Paula Velazore

Notary Public, State of Ohio - Acting in Lorain County



GINDY L. KNUDSEN Notary Public State of Ohio My Commission Expires May 23, 2017

### Advertisement Information

Client Id:	54921	Ad Id:	1043825
Class:	0	PO:	
Total Units:	81	Cost:	\$245.25
Sort Description:	10 #7462 Legal Notice		

Local briefs

Urban League hosting job fair

# Investigators plug away on family deaths

LORAIN

Staff report



VERMITION

# Lighthouse to receive repairs, new lens

Staff report The Vermilion Light-house Preservation Com-mittee is \$5,000 away will cover

The Vermilion Light house Preservation Com-mittee is 85,000 away fund storeplace the Pres-nel Lars in the tighthouse. The Presnel Lars was in the structure and re-bave come up in order to install and light base Monthle Maxum the new lens. The committee has been formed by residents who share the a lowe of the cludes repairing the light-base and the new lens. The Lighthouse Preser-with committee is tor-base and the states the struct formed in Septem-bet committee is tor-the tantimetre base or the lighthouse and the struct wermilion ince com-mittee, formed in Septem-bet 2014. The purpose of the institute is tor-the the animetaneous of the the animetaneous of the the struct with an ex-set the public about the the the animetaneous of the the struct with an ex-set the public about the the struct virmilion, inc. The structure is tor-the the struct. The structure is tor-the the struct. The structure is tor-the the struct with an ex-set the public about the the structure is tor-the s

The Lorain County Urban League is hosting a Health Care and Wellness Job Fair League is hosting & health Gave and Weiness Job Fait from 10 a.m. to 4 p.m., June 24, at 200 Mikdle Ave, Suite 200, in Ebyria. Indi-viduals who attend should bring a resume and be pre-pared to talk about their and part-time opportuni-ties are available in the ar-ess of health care and weil-ness from an aumbor of com-panies including Eupress Employment Profession-als, Marcy Medical Cen-ter, Kendal at Oborlin, Wes-leyas Village Sealor Living, Weid Qam and Lake Foliut Health Centre in Lorala County. In addition, attendees

In addition, attendees will have the opportunity to learn about the career re-sources offered in Lorain County and current oppor-tunities including medical tunities inchicking medical assistant, patient cure as-sistant, patient cure as-sistant, patient cure as-sistant, pharmacy too, curbonnental ecrytoca, transport, chrisal/regis-trar, nurses alces and hone health care. Employers interested in participating in the Health Care and Weiness Job Paui, should call 440-323-3364 ert. 31 or crais the Urban League at outreach@kul

Urg.

# Program looks at healthy eating

Lorain Public Library Sys-tem's Main Library, 351 W. Sixth St. in Lorain, will bost 'Heakhy eating for children and teens - What's a par-ents to do?" from noon to

ents to do?" from noon to L'30 pun, June 28 Presented by a Cleveland Clinic caregiver, this pro-gram will review the spe-cial challenges and impor-tance of good murition for the childhood years, accord-ing to a press release. This is part of a series of sum-mer programs eithe bibrary about making informed food choices for a healthier future. Provenientation is tro.

future. Preregistration is re-quired and is available on-line at LorainPublicLibrary. org or by calling the Main Library at 440-244-1192 or 1-800-322-READ.

### Submissions

If you have a govern-ment or nonprofit notice you would like to be consid-ered for Local Briefs, please email it to news@morning-journal.com.

### Corrections

The Montrix Joury

**MEMORIAL BOOKMARKS** 

Commemorate your loved one's life by designing a memorial bookmark or a bookmark of the actual abituary.

This preparts will remind you of you loved on's accurate mut

Accuracy is important to us at The Morning Journal. We have reserved this space for corrections. If you see an error in our paper, please let us know by calling 440-245-6901 or 800-765-6901, ext. 90723,

1997



Jevon Terance fashion

Broatway in jevontrance.com. If it rains, the fashion Solw will be in the Lorain Palace Theater's Marble Lobby. Tickets for the show are \$201.5 Trance was one of a dozen designers tapped to show in Palace the trip has inspired his collection for fall-winter 2016.

CLEVELAND

The Associated Press

The Associated Press CLEVELAND > Cleveland says in a court filing that its rules for protests and marches during the up-coming Republican Na-tional Convention are similar to those in other convention cities where federal courts upheld challenges. The American Civil Liberties Union of Ohio sued the city in federal court last week on behalf of two groups that Cläim

court last week on behave of two groups that claim rules and restrictions on protests within the event zone covering downtown Cleveland would infringe on people's free speech

on people's free speech rights. Cleveland responded Monday by saying rules that probabili some items in the event zone and se-cure zones established by the Secret Service work infringe on freedom of expression. The secure zones include areas sur-rounding the convention areas and a media center. A basing on the AC-LU's lawsuit is scheduled for Thursday in Cleve-iand.



City: RNC protest rules in line with other conventions

Reserve your seat for our trip to:

Annie Get Your Gun at the Freelander Theater Wooster, OH

Friday, July 29th --- Enjoy A spectacular performance and a meal at TJ's prior to the show! Cost: \$124

Register today! CALL 440-244-5100 Footprint Tours Celebrating 30 years of excellent motorcoach travell

curranter | Follow and 17000

# Cleveland Mayor Frank Jackson speaks during a media walk-through April G at Guicken Loans Arente for the upcoming Republican National Convention. Listening is Steve King, chairman of the RNC's Committee on Activities. 24 RIC-204 DAVIO S. GLASIER - THE NEWS-HERALD

LEGAL NOTICE

17

Classified Departm

1657 Broadway

245-6901 • Mon.-Fri. 8-4

LECGAL NOTICE The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-748-EL-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filed pursiant to Section 4928.66 of the Ohio Heavised Code and Rules 4901-1-39-04 through 07 of the Ohio Administrative Code (CA.C.). The companies are seeking PUCO approval of Varier terrory pussing by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies scheduled a public hearing to consider the matters raised in the companies scheduled a public hearing to consider the matters raised in the companies application. The hearing will commerce on July 25, 2016, st 10:000 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room the Aubin Utilities Commission of Ohio, 180 East Broad Street, Contanding the Public Utilities Commission at Ohio, 180 East Broad Street, Contanding the Public Utilities Commission at Ohio, 180 East Broad Street, Columbus, Ohio 43215-34753 by culling the PUCO houtine at 1-500-585-7826; or by going to the PUCO website at www.puco.ohio.gov, selecting DIS, and antering a case number referenced above.

# 1443

# **AFFIDAVIT OF DISTRIBUTION**

STATE OF OHIO	)
COUNTY OF STARK	)
CITY OF Alliance	)
Smile Uly Att	being duly sworp o

I,  $\underline{\bigcirc}$   $\underline{\bigcirc}$   $\underline{\bigcirc}$   $\underline{\frown}$   $\underline{\frown}$ 

Allimce ((tribu ("Publication")

and have full knowledge of the facts herein stated as follows:

The insert for  $\underline{f_{nst} E_{nellyn}}$  ("Ad/Advertiser") with Insertion Order No.  $\underline{746.3}$  was distributed to the Publication's full circulation on the  $\underline{22}$  day of  $\underline{34nE}$ , 2016.

By: Janu Wyatt

Subscribed and sworn to before me this 22 day of  $-\frac{1}{20}$ , 20 16.

Notary Seal:

Notary Public

CHERI L HALLETT Notary Public, State of Ohio My Commission Expires Sept. 24, 2017 Recorded in Mahoning County

# White House gives OK to small, |Clinton, Trump commercial drones for takeoff

# <text>

# evenly split in

Ohio, poll finds Find Cache Cache Second Second COLINERS Democrat Hillary Clinton and Repub-lice overly split among the opanded Trump are split among the opanded Trump are overly split among the opanded Trump are overly split among the opanded Trump are split compared to be the opanded Trump are split compared to be the opanded Trump are split compared to be the opanded to be the opande

**Ohio**, poll finds



# UK's prime minister urges pro-EU vote

<section-header><section-header><section-header><section-header>

### Trump's campaign spends \$6 million with Trump companies

Same Startes

To Subscribe call 330-821-1200 or visit us on the web at prove the review.com

# LONDON (AP) From the prime minister's residence the prime meat outside the prime minister's residence and meat outside the prime minister's residence and meat outside the prime minister's residence and outside volters Tuesday of Britain signation read babout future generations when the cast bablout four-the nation. With the black doord the nation. With the black doord the country walking satalesmars backford, The plas mean and grande children, he said. There we take, he said. There and that being in the the country walking the said and the take the country walking the said. We get involved the country walking the country walking the said. We get involved the country walking the said way to he low. Steve tillog, a former the said way to he low. The the said was to preve up hit the consequences. The the said the said the consequences. The take, he said. There and the take take the walk the said. We get involved the country walking the said. We get involved the country walking the said was to preve up hit the atter-ahadow of the said was to preve up hit the said was to preve up hit the said was to preve up hit the said the prime the said the prime the said the prime the said the said the said the former the said the prime the said the sa

THE MARKET IN REVIEW

# AFFIDAVIT OF DISTRIBUTION

STATE OF	OHID	)
COUNTY OF	Ashland	)
CITY OF	Ashland	)

I,  $\underline{Shr} \underline{\&Wy} \underline{HH}$ , being duly sworn on oath now and during all times herein stated, have been the publisher and designated agent of the publication known as,

Ashland time - (orreffe ("Publication")

and have full knowledge of the facts herein stated as follows:

The insert for  $\underline{finst Engry}$  ("Ad/Advertiser") with Insertion Order No.  $\underline{7763}$  was distributed to the Publication's full circulation on the  $\underline{J}$  day of  $\underline{June}$  20.16.

By: Janulyott

Subscribed and sworn to before me this 22 day of June 2016

Notary Seal:

pallet

CHERIL HALLETT Notary Public, State of Ohio My Commission Expires Sept. 24, 2017 Recorded in Mahoning County

# Council mulls over bike path signage request

 By JMM BREWER FG Correspondent
 stall sigos on the bike path, including a stop sign at cach side of every drivways.
 right now, I can't see them.
 "Really, the village this including a stop sign at cach side of every drivways.
 raw of signs, Mayor volved in instation including a stop sign at cach side of every drivways.
 "Really, the village this including a stop sign at cach side of every drivways.
 Ther discussion of the cach side of every drivways.
 "Willage administrator" volved in instation including a stop sign at cach side of every drivways.
 That sees storest including a stop sign at cach side of every drivways.
 That sees storest including a stop sign at cach side of every drivways.
 That sees storest including a stop sign at cach side of every drivways.
 That sees storest including a stop sign at cach side of every drivways.
 That sees storest including a stop sign at cach side of every drivways.
 That sees storest including a stop sign at cach side of every drivways.
 That sees storest including store storest including storest including

PET OF THE WEEK

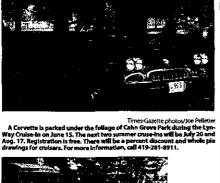
Ashland County Dog Shelter's dog of the week is a 2 ¼-yeu-cold female coonhound and Rhodesian ridgeback mix named Lizzy. Sbe and other dogs and puppies are ready for adoption at the shelter at 1710 Garfield Ave., Ash-land.

1710 Garfield Ave., Asb-land. All dogs and pupples, unless otherwise attack, are vaccinated and wormed once and given a Bordetella vaccination. Each comes with a current license, microchip, collar and leash. Adoption fee is \$100. Adoption fee is \$100. Adoption fee is \$100. Adoption fee is \$100. The shelter is accepting domitions of soft treats, biscuits - small of medium - and laundry soap.

meanum — \_\_\_\_\_\_ Soap, For more information, call 419-289-1455 or viait www.petfinder.com and look under Ashland County Dog Sheiter.



Times-Gazette photo/Tom E. Puska Lizzy is this week's Pet of the Week from the Ashland County Dog Shelter,



First cruise-in at Lyn-Way

.... 10

### Group resubmits petition to allow prayer in public schools

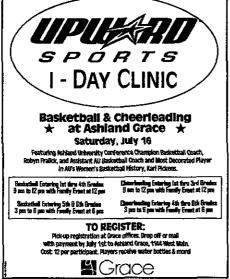
sy MARCKOVAC Dis Capital Bureau COLUMBUS - A group that wants to amend the state constitution to allow the capital Bureau COLUMBUS - A group that wants to amend the state constitution to allow prayer in public schools has readomited the periment read, sease ingits to ergo state onside state on the othing prayer to the statement schools to dis state do state proposal. The Coalition to Return Prayer to Capital Segment and the state group in the school children have the state and the state and the state moviedge their religions. The state do state and the state moviedge their religions. The state do state and the state moviedge their religions. The state do state and the state moviedge their religions. The state do state and the state moviedge their religions. The state do state and the state moviedge their religions. The state do state and the state moviedge their religions. The state do state and the state moviedge their religions. The state and the state state do state and the state movied at the state and the state state do state and the state state and the state and the state state do state and the state state and the state

LECGAL NOTICE The Public Utilities Commission of Dhio (PUCO) has scheduled a public hearing in Case No. 167-425-LPOR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Iltrarisating Company, and The Totaloc Edison Company for Approval of Their Energy Efficiency and Peak Domand Reduction Program Porticio Plans for 2017 through 2019. The application was filed pursuent to Section 4923.86 of the Ohio Revised Code and Rules 4901-1-39-04 through 07 of the Ohio Administrative Code plans to Increase energy efficiency by their customers and to reduce energy usage by their customers during turnes of peak demand. The PUCO has scheduled a public nearing to consider the matters raised in the companies explication. The hearing Witcher Information may be obtained by contracting the Aubic Utiliase Commission of Orio, 180 East Broad Street, Columbus, Ohio 43215-3735, by calling the PUCO Information Law Columbus, Chino Futther Information may be obtained by contracting the Aubic Utiliase Commission of Orio, 180 East Broad Street, Columbus, Ohio 43215-3735, by calling the PUCO Information Law Columbus, and Public Utiliase Commission of Orio, 180 East Broad Street, Columbus, Ohio 43215-3735, by calling the PUCO Information Law Columbus, and Public Utiliase commission of Orio, 180 East Broad Street, Columbus, Ohio 43215-3735, by calling the PUCO Informa at 1-400-685-7826; or by going to the PUCO website at www.puco.ohio.gov. selecting DIS, and entering a case number referenced above.



Classic cars park on the grass of Cohn Grove Park during the Lyn-Way Cruise-In on June 25, Village of Mifflin kicks off its bicentennial celebration Saturday

The village of Mifflin's 2000 bitchday eichentio Sanchy. Sanchy. Double downlown for the stated accer:30 am. Sanchy. Double downlown for the stated bits of the con-tool, genes, hive music, pier and take accers and more. A parate going through thin will be Sancha Pro-bins. Stone Evangelleral Latheren Charch in the the stated bits of the con-ter of haron County. Stone Evangelleral the words it bits the the words it bits of the con-ter of haron County. Stone Evangelleral the words it bits the the the shorts is the the words it bits the the the shorts is the the shorts is the the shorts is the the shorts is the the the shorts is the the shorts is the LEGAL NOTICE



# **AFFIDAVIT OF DISTRIBUTION**

STATE OF OH	.10	)	
COUNTY OF P	ortage	)	
CITY OF KEN	τ	)	
l,	TANICE WYATT	being duly sworn on oatl	now and during all times

herein stated, have been the publisher and designated agent of the publication known as,

RECORD COURIER ("Publication")

and have full knowledge of the facts herein stated as follows:

The insert for  $\frac{fRSFEREP1}{fRSFEREP1}$  ("Ad/Advertiser") with Insertion Order No.  $\underline{7463}$  was distributed to the Publication's full circulation on the  $\underline{\partial}\underline{\partial}$  day of  $\underline{5vne}$ , 2016.

Jonie Wyatt By:

Subscribed and sworn to before me this <u>22</u> day of <u>le</u> 2016.

Notary Seal:

llet Ъ. Notary Public

CHERIL HALLETT Notary Public, State of Ohio My Commission Expires Sept. 24, 2017 Recorded in Mahoning County

...



NIH begins study of pregnant women in Zika-hit areas

### ASSOCIATED PRESS

WASHINGTON --- Research-ers are beginning a study of up to 10,000 pregnant women in Puerto Roo, Brazil and other Zi-ka-hit parts of Latin-America and the Carbbean, to better under-stand the virus' threat.

The U.S. National Institutes of Health announced the study Tuesday, saying researchers: will enroll participants starting in the first trimester and com-pare the birth outcomes of those who become infected with Zika and those who don't. Zika group match the next

Zika, spread manly by mos-quitoes, causes only mild symp-toms in most people. But dur-ing pregnancy, it can cause fetal death and severe birth defects.

End of California nuke era: Last plant to close by 2025

California's last nuclear pow-er plant will plase by 2025 un-der an accord announced Tues-day, ending three decades of safety debates that helped fuel the national anti-nuclear pow-er movement.

er movement. The state's largest utility, Pa-cific Gas & Bectric Co., and en-vironmental groups reached an agreement for gatace production al Datio Canyon nuclear plant with solar opnew and other ene-gy sources that for other produced-mather charging great intake gases. The facility supplies 9 percent of the state's power.

Lynch: No 'magic bullet' against

jihadist propaganda

Interests propagation ORLANDO, Ria. — The Or-lando massacre at a popular gay indicado shows no one yet nas "found the margic oblet" to prevent Americans from being inspirad to violence by ipholist propaganda on the internet, At-tomy beneral Loretta (unch said bastaren by the Strollergs. Caunterion the narraite of the analysis.

Countering the narrative of radical extremism continues to be a challenge for the govern-ment, Lynch said in an interview.

be a challenge for the forein-ment, jurch side in an interview. "How do we break that chain? How do we cannot this pattern sis ideology that's online, know-ing that the internet has to re-main free and open?" Site said. "What can we get out there that's a counter-message to that?" At the scene of the corrange, workers tenzored a lamporary fonce that was e acted atomic the has engined. Site official wondere how they would pay for resources dated by the une 12 massagre, and investigators kapet probing for gunnan Other Mana Managet motives for the ram-page, in which 49 poople were lefted and operationers more wounded.

**U.S.-led** coalition says only one-third of Fallujah free of IS

BAGHDAD — Only a third of Falligh has been "deared" of Is-lamic State millions, Ihe U.S. -ko continon said fixeday, days af-ter the Iraci government declared victory in the city west of Bagh-dad, which was held by the ex-tremissis for more than two years. Other oract of the cith are

transist for more than two jeans. Other parts of the city are "contested," said U.S. Amy Col. Christopher Garver, the Bagh-dad-based spokesman for the coablion, with classhes under-way between Iraqi forces and IS fighters. Most of the clasmed terrain is in the south of the city and "decimic amendiane continand "clearing operations contin-ue outward from the city cen-ter," Garver added.

ter," Garver added. Iraqi forces pushed into the centre of Falugation of Hiday, re-tading a government complex and the central hospital. That evening Brig. Gen. Haider al-Uberl, with Iraq's special forc-es, said his troops controlled 80 percent of the city.

# **Governor OKs** \$617M Detroit schools bailout

Schoools balloott Associety of the second o

and 14 202, 24 area in a segrer sin that and a series \*\*\*\*\*



ASSOCIATED FRES Jordanians hold candles at a vigit for six Jordanian sol-diars killed in a suicide bombing on their border with Syr-ia, in Amman Jordan, on Tuesday.

# Jordan seals last entry point for Syria refugees after blast

ASSOQUEPRESS ert areas along the bor-der, many of them for nontain seeled taisast er-rontains, and depend on uppers Tuesday after a taxbiblied dar members of the Jordanian security the Jordanian security of the Jordanian security and Water from the Jor-case-border suide est activities of cod uppers Tuesday after a dark members of the Jordanian security transmet Mongority. Govern-of the Jordanian security women shit, Govern-of the Jordanian security women shit. Govern-orthe Jordanian security women shit. Govern-the Jordanian security women shit. Govern-the Jordanian security women shit. Govern-orthe Jordanian security women shit. Govern-ment Shit. Govern-ment Shit. Govern-ment Shit. Govern-women security women shit. Govern-ment Shit. Shit. Govern-ment Shit. S

### ICC sentences ex-Congo VP Bemba to 18 years in prison

ASSOMEDMESS THE HAGUE, Neth-THE HAGUE, Neth-tional Criminal Could Congolese former vice-Bernba will get credit for the eight years he congolese former vice-Bernba at 12 gets in May 2008. Bernba at 02 gets senators and vice Bernba to 18 years in president Jean-Pierre Golese senators and vice Bernba to 18 years in president Jean-Pierre Golese senators and vice Bernba to 18 years in president Jean-Pierre Golese senators and vice Bernba to 18 years in president Jean-Pierre Golese senators and vice Bernba to 18 years in president Jean-Pierre Golese senators and vice Bernba to 18 years in president Jean-Pierre Golese senators and vice Bernba to 2002 and 2003. president Ange-Felix Presiding Judge Syl-Pitasse.





In this photo provided by the Courtesy British Antarctic Survey, Rothera, the British Ant-arctic Survey station is seen from the air. A daring South Pole medical recover is under-way. An alrpiane left a British base in Antarctica Tuesday for the 1,500-mile trip to evacu-ate a sick person from the U.S. station.

# **Plane lands at South Pole** in daring medical rescue

ASSOUTD MESS WASHINGTON — After flying through dangerous dark and cold, federal officials said. The plane andred Tuesday at the South Pole to evacuate a sick work er from a remote U.S. selence Station, federal officials said. The plane arrived at the South Pole after a daring 1,500-tille, this second worker is also ill, but offi-class have yet to decide whether that is be workers, who are employees of Lockheed Martin which handles io-bockheed Martin which handles io-toe workers, who are employees of toe workers, who are employees of south attern a British plase on the Antoral Science Foundation, which truss the polar outpost. The plane will revise and return to Rothera, said agency spokesman to Rothera, said agency spokesman to Rothera, said agency spokesman treatment. "Th went all according to plan," West sid from Arington, va. A second worker is also ill, but off-

**Great Lakes states approve** thirsty Wis. city's water plea

ACCOUNTED DOCCO

# EU OKs extending Russia sanctions

ASSOME RESS BRUSSELS -- Eu-ropean Union nations have agreed in princi-right to extend sanctions against Russia for six more months to krep pressure on Moscowio EU diplomats con-the 28-nation bloc's aim-diplomats said. Some nations want to prolong the sance ours muscle over Rus-sids 2014 annexation on Crimea. However, at least one pressure on Moscowio EU diplomats con-the nation bloc's aim-diplomats said. Some nations want to prolong the sance oursy muscle first have the move endorsed by would be maintained for the oursy muscle solt can-not go ahead until that and of next week, the deal for Ukraine.

Experimental formation of the formation





7464

Remit to: Sandusky Register 314 W. Market St. Sandusky, OH. 44870 Customer #15512 Cost of Advertisement \$175.68 AD # 492020 Fed ID # 34-434-6500

FIRST ENERGY MEDIA SUITE 100 56 MILFORD DRIVE HUDSON, OH. 44236

# **Proof of Publication**

I, Bob Rapp, do attest that I am the Advertising Representative of the Sandusky Register, that said paper is a daily newspaper printed and has general circulation in Erie County, State of Ohio, and that the annexed advertisement was published in said paper on June 22, 2016

Bob Rapp

Subscribed in my presence and sworn to on June 22, 2016

Notary Public, State of Ohio, Erie County

# LEGAL NOTICE

The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-743-EL-POR. In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filed pursuant to Section 4928.66 of the Ohio Revised Code and Rules 4901:1-39-04 through 07 of the Ohio Administrative Code (O.A.C.). The companies are seeking PUCO approval of various proposed plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has

1464

# Verandah concerts return to Hayes Home

Concerts to feature folk, bluegrass, big band music and boogie woogie piano

By TOM JACKSON FREN

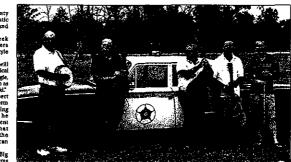
Looking for something to do this summer? How about free outdoor music concerts in a pleasant

music concerts in a pleasant setting? For two Wednesdays a month during the summer. the Rutherford B. Hayes Presidendial Library and Museum s will host its anomal free verandah concerts on the Hayes Home tawn. The next show will be lune 29.

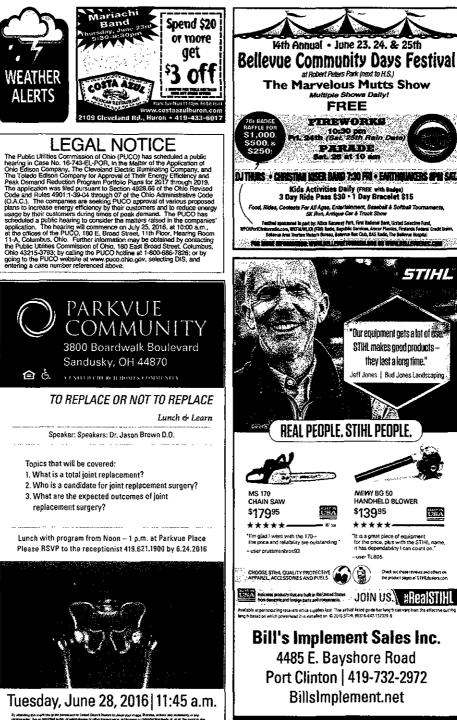
June 29. Bring a lawn chair or a blanket to sit on. Each event begins with an Ice cream social at 6:45 p.m., with

Bad weather could force a cancellation, so check totayes.org or call 800-998-7737 if you notice storm clouds or a rain forceast.

The upcoming concerts: Burer 23 — Bridge County: Burer 23 — Bridge County: Burer 23 — Bridge County: Burer 25 Burer 25 Burer 25 Performs 10 or the Midwest. Duly 13 — Honey Creek Freetwarkin Jass Band offers radiitional clease Distelland style parts of the similar of the standard plano but performs boogle woogle but performs being being but performs being being but performs but perform American roots music According toots and branches of American boots and branches of American Band, 24 — North Coast Big Band, The 16-piece band performs the big band music of the 18308.



The Bridge County Bluegrass Band will be in Fremont to play bluegrass music on June 29.



STIHLdealers.com

Remit to: Sandusky Register 314 W. Market St. Sandusky, Ohio 44870

Customer # 15512 Cost of Advertisement: \$90.18 Ad # 492020 Fed ID # 34-4346500

FIRST ENERGY MEDIA SUITE 100 56 MILFORD DRIVE HUDSON, OH. 44236

# **Proof of Publication**

I, Andrew Prutzok, do attest that I am the Publisher of the Norwalk Reflector, that said paper is a daily newspaper printed and has general circulation in Huron County, State of Ohio, and that the annexed advertisement was published in said paper on June 22, 2016

Andrew Prutzok, Publisher

Subscribed in my presence and sworn to on June 22, 2016

Notary Public, State of Ohio, Huron County

# LEGAL NOTICE

The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-743-EL-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filed pursuant to Section 4928,66 of the Ohio Revised Code and Rules 4901:1-39-04 through 07 of the Ohio Administrative Code (O.A.C.). The companies are seeking PUCO approval of various proposed plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies'

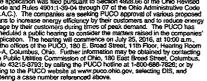
### Crime/accidents

NORWALK FIRE Menday: 230 p.ml: Provided basis diffe support for a patient at 39 Benedictary. Responded to as 328 p.ml: Strengthores as rested the occupants for inju-rest and found nore. The crew established a safe strea touch with eaver to de and stood by while the several optical and stream established a safe stream touch the several optical and stood with a safe stream touch with a safe stream touch at a 23 p.ml: An East U.S. 30 Years and the several provided undi-tream of contone. The crew stablished a safe stream touch with a several point a distantiance. BELLEVUE PD Modaly: 10:55 am: Transported Da-

Mondasy: 10:55 a.m.: Transported Da-niclic M. Davis, 29, of 238 E. Center St., Bellevao, to the Haroa County Jail. She was charged with possession of drug above instruments and criticinal suischief. Tacsday: Tacsday: 4:45 a.m.: Provided basic life support for a patient at 4696 Whittlesey Road. Returned to station at 4:56.

Way to go Cavs! Congratulations from the Norwalk Reflector

LEGAL NOTICE LECGAL INDUCE: The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16:73:8EL-POR. In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illiminating Company, and the Totalod Edison Company for Approval of Their Energy Efficiency and Pesk Demand Reduction Program Portoko Plans for 2017 through 2018 the Totalod Edison Company for Approval of Their Energy Efficiency and Pesk Demand Reduction Program Portoko Plans for 2017 through 2018 Codepard Reduction Program Portoko Plans for 2017 through 2018 Codepard Reduction Program Portoko Plans for 2017 through 2018 plans to increase energy efficiency by their outshomes and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2016, at 10:00 a.m. a the offices of the PUCO. No East Broad Street, Columbus, Ohio A3215-A373; by calling the PUCO hofine at 1:e00-688-7828; or by going to the PUCO website at www.puco-ohio.gov. selecting DIS, and entering a case number referenced above.





FOR THE RECORD

1



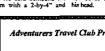




For more information call 419-668-6245.









# PUBLISHER'S AFFIDAVIT LEGAL NOTICE

### Virginia Davis

Being first duly sworn, says that the Affiant is a duly authorized Clerk of The Independent, a Daily and Sunday newspaper published and of general circulation in said

**CITY OF Massillon** STATE OF OHIO COUNTY OF Stark

and that the legal advertisement, of which is enclosed a copy was

published in said newspaper on:

June 22, 2016.

Sworn to and subscribed before me, this 23rd day of June, 2016.

**Representative Signature** 

Virginia Repre

Notary Public

Total number of measured inches published:	9.00
Charged for publication:	\$190.15
ACCT. #55922 AD# 00638596	



MICHELLE L. WARD Notary Public, State of Ohio **My Commission Expires** July 16, 2019 **Recorded in Stark County** 

# 

The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-743-EL-POR. In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filled pursuant to Section 4928 66 of the Ohio Revised Code and Rules 4901 1-39-04 through 07 of the Ohio Administrative Code (CAIC). The companies are seeking PUCO approval of various proposed plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies application. The hearing will commence on centarid, The PDCG has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2016, at 10:00 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio. Further Information may be obtained by contacting the Public Utilities Commission of Ohio, 180 East Broad Street, Columbus, Ohio 43215-3793; by calling the PUCO hotline at 1-800-686-7826; or by going to the PUCO website at www.puco.ohio.gov, selecting DIS, and entering a case number referenced above.

# **Clinton: Trump would plunge US into recession**

The Associated Press country's future. "Every day we see how servidence of how he would to her address, writing in one to concurry back into roces and careless frump as evidence of how he would to concourd back into roces." Form warning his "reckless" is coice. Except when her's approach would hurt work- asking to be our president is the's proved of it," the spectra working families. Torump sould burt work- asking to be our president to me earlier this month is coice. Except when her's and dates in Ohlo. Clinton's address in Ohlo. The of this out fails on the concent would hurt work- asking to be our president to me earlier this month in the spectra the

FOOD - ENTERTAINMENT

off of debt, will fix U.S." own statements to undercut Republican National Com-his economic credentials, mittee chairman Reince citing remarks he made Priebus said Clinton was that that U.S. could sell "the last person qualified" off assets, default on its to taik about improving the debt and that wages are economy, pointing to "eight years of disastrous Obama policies." a comment he made that pregnant employees are an Clinton used Trump's



# Two months in, investigators plug away on Ohio family deaths

LONDON, Ohio More than two dozen investigators are focused on solving the siay-ings of eight relatives who were found shot in southern. Ohio two months ago, officials overseeing the top-priority investigation said Tuesday. investigation said Tuesday. In terms of the manpower and resources devoted to the

case, it's shaping up to be the biggest in the history of the Ohio Bureau of Criminal Investigation, Attorney Genthe Onio Bureau of Chimina Investigation, Attorney Gen-eral Mike DeWine told The Associated Press. "We're here for the dura-tion, whatever that is," DeWine said. Authorities have reviewed short 700 times and 100 theces

about 700 tips and 100 pieces of evidence and relocated the four mobile homes where the bodies were found to preserve the crime scenes, but serve the crime scenes, but they refuse to reveal how much closer they might be to identifying any suspects or a motive, saying they don't want to jeopardize the chance to catch and convict

whoever's responsible. "You can't be in those overtime and expenses for Seven adults and a scenes or meet with the moving the four mobile to-year-old boy from the family members and not be homes to ascene a built in a final to the seven ben. But, headded the same Fiketon. A newborn, Tuesday in a joint interview battike near Pitaton. A newborn, Tuesday in a joint interview child weren't harmed. A Sheriff Charles Reader at the corroure dtertrained all bene statistics in Laviou. In difficult to shot repeatedly, and some had bruising. Wath Dewission and some had bruising. "You can't be in those overtin oever's responsible.

# LEGAL NOTICE

FAMILY ACTIVITIES FИ CATION FIREWORKS DISPLAY City of Champions INDEPENDENCE DAY CELEBRATION City of Cha xutside the UA.**Me**r **HEAPEN** > Altoity 🐥 🗊



609 Main St., Navarre | 330.879.1119 www.newtsplace.com

1466

# **AFFIDAVIT OF DISTRIBUTION**

# STATE OF <u>OHIO</u> ) COUNTY OF <u>MAHONING</u> )

I, <u>John Sovik</u>, being duly sworn on oath says he/she is and during all times herein stated has been the publisher of the publisher's designated agent in charge of the publication known as,

<u>The Vindicator</u> ("Publisher") and has full knowledge of the facts herein as follows:

The advertisement(s) for First Energy was distributed to publisher's full circulation on the  $22^{nd}$  day of June, 2016 on page A-6

By:

Subscribed and Sworn to me this <u>3rd</u> day of <u>June</u>, 201**2**6

Notary Seal:

كأسقة Notary Public **KELLEY I. KURTZ** NOTARY PUBLIC STATE OF OHIO

۰.۵

....

My Comm. Bapires June 4, 2017

WWW.VINDY.COM

# Valley schools slated to receive more than \$2M in grants

By DENISE DICK desize det Weidy and COLUMBUS More than 25 million in the tabley of sufficiency Compiled Camfed tables of county Cameer and Technical county of the Mathematical trans. The Straight A Governing Board recommended \$14.8 million in 23 recommended \$15.8 million in 23 recommended \$15.8 million in 23 recommended \$15.8 million in 23 recommen

Administrator reflects on 41 years with village

By SARAH LEHR slehr@vindy.com

skriving.com LUWELIVILLE When Bill Meehan, who soon will retire as village ad-ministrator, joined the Low-elliville fire department in 1975, the fortighters would ride to blazes by clinging to het ruck's tail board. "It was just like you see the truck's tail board. "It was just like you see the truck scale would ride to blazes by clinging to the truck scale would of having firefighters ride inside the truck is 'a lot of a nostalgic look back at the excitement and freedom of those days.

those days. Mechan, who began his

volunteer firefighter, will re-tire July 31. His replacement, Richard Day, is training for the job

Nucrata a service in the chief Mechan became fire chief in 1980 and made the transi-tion to part-time adminis-trator, his current position, appent 27 years as the chief. ដែះ trator, : in 2007. ហំពេះ/

spint 27 years as the cited.
 spint 27 years as the cited.
 During his 41-year ten-ure. Meehan has sorred form
 He graduated from Low
 He main the site with scale with the militance with the scale with the militance with the scale with the militance with the scale with scale with scale with scale with scale with the scale with scal

Bergui Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and a morn-one big family. I guess."
 Defaul Society and society and

Project Breathe brings pet equipment to Springfield

Suffraport New MIDDLETOWE Springfield Township Fire Department roc:event beta grownskie its to save pete Chio donated three kits of the department as part off Project Breathe program. According to a news re-lease issued by Springfield Township Fire Ohio donated three kits of the department as part off Project Breathe program. According to a news re-issues (Station 12,400 masks and 12,400 masks and 12,400 masks and 12,400 masks of the stations all over the US.

# CAMPAIGN 2016 **Clinton calls Trump** the 'King of Debt'

### By MARC KOVAC heus@vindy.com

DROTTIK, YOSICY | THE VIRDICA Ine this summer after

MANDER

# LEGAL NOTICE

LECOAL INCLICE The Public Uilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16:433-EL-CAR, In the Matter of the Application of Ohio Edison Company for 6:433-EL-CAR, In the Matter of the Application of Ohio Edison Company for Approval of Their Energy Efficiency and Pask Demand Reduction Program Portolio Plans for 2017 through 2019. The application was filed pursuant to Secton 4:282.66 of the Ohio Revised Code and Ruids 4:2011-39-Of through 91UCO approval of various proposed plans to increase energy officiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has Scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2016, at 1000 a.m. at the offices of the PUCO, 166 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio. Further information may be obtained by contracting the PUCE of the SC office A Street, 1400 666-7262 or by 3001 to the PUCO whiste at the voltoce show heat on dwise and street. 1400 55, 2016 to the PUCO has scheduled a public commission of Ohio, 180 East Street, Scheduler a public commission of Ohio, 180 East Street, Scheduler and public whiste at the voltoce show, selecting DIS, and entering a case number referenced above.

<section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text>

# New poll: Trump loses ground to Clinton in Ohio



<section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>





461

### PROOF OF PUBLICATION

STATE OF OHIO TRUMBULL COUNTY

SS: CHARLES JARVIS

BEING DULY SWORN, UPON OATH STATES THAT HE IS THE PUBLISHER OF THE TRIBUNE CHRONICLE, (A DIVISION OF RASTERN.OHIO NEWSPAPERS INC) A DAILY NEWSPAPER PRINTED IN THE CITY OF WARREN, COUNTY OF TRUMBULL, STATE OF OHIO AND OF GENERAL CIRCULATION IN THE CITY OF WARREN, TRUMBULL COUNTY, OHIO AND IS INDEPENDENT IN POLITICS.

THAT THE ATTACHED ADVERTISEMENT WAS PUBLISHED IN THE TRIBUNE CHRONICLE EVERY WEDNESDAU FOR (1) DNE

CONSECUTIVE WEEKS AND THAT THE FIRST INSERTION WAS ON <u>WEDNESDAY</u> THE <u>2214</u> DAY OF JUNE 2016

AMELA EAZDR

SWORN TO BEFORE ME AND SUBSCRIBED IN MY PRESENCE ON THIS <u>JOND</u> DAY OF <u>JUNE</u> <u>JOIL</u> AT WARREN

DRUTC CONSTANCE A. PACEK Notary Public, State of Ohio My Commission Expires March 7, 2021 335,70 VERTISING COST: \$ SEAL

# Nation and World at a glance GOP senator seeks gun deal

Headmaster

will step down BOSTON — The head-master of a prestigious Boston high school that's Boston high school that's been plagued by allega-tions of civil rights viola-tions has stepped down. The Boston Globe reports the school district on Tuesday announced Lynne Mooney Teta's res-ignation from Boston Latin School. The local U.S. attor-ney's office announced in

ney's office announced in March it was launching an investigation into alle-gations of racial harass-ment and discrimination after community mem-bers and civil rights organizations submitted a

written complaint. A school district investigation report says the school failed to adequately respond to a student's threat to lynch a 15-year-old black classmate.

### Jaguar used in Olympics shot

SAO PAULO - A SAO PAULO — A jaguar used in an Olympic torch relay ceremony was shot to death after it escaped its leash and tried to attack a soldier, the Brazilian army said Tues-tor

The army's press office said that Juma the jaguar was on display as part of orerenonies Monday at the Jungle Warfare instruc-tion Center in Manaus. The Olympic torch is trav-eling throughout Brazil leading up to the Aug. 5 opening cerentory. "Juma was a docile animal used to living among people at the cen-ter," the army said in a statement, adding that soon after the ceremonies ended Juma escaped from his leash and fled into the zoo maintained by the center.

### Man killed, deputy hurt

LAWNDALE, N.C. — Authorities in North Car-olina say a man has been shot to death in a con-frontation with a sheriff's doubt

shot to beam in a chir frontation with a sheriff's deputy. Cleveland County Sheriff Alam Norman told The Shelby Star that Deputy Scott Trammel was responding to a call at a hone Tuesday after noon when he was assaulted by a man there. He says Trammel fatally shot the man during the altercation. The sheriff says Tram-nel was treated for head and arm wounds and released from the hospital. The dead man's name and the races of the men involved had not been released Tuesday night.

# Gladys Knight's

son theft suspect

son theft suspect ATLANTA - Georgia Department of Rovenue officials say the son of singer Gladys Knight is accused of stealing tax monsy from several metro Atlanta chicken and waf-fer sensiturants for his personal use. Department officials said in a statement that agents crocured warrants at the restaurant's loca-tions and headquarters tions and headquarters tions and headquarters cessfully to any fast existing and tried unsue-cessfully to any fast existing and tried unsue cessfully to any fast existing and tried unsue cessfully to any fast existing and tried unsue cessfully to any fast existing to any fast existing the state of the comparison of the corgin method and the state of the to any fast million.

Director of the Georgia Department of Revenue's Office of Special Investi-gations, Josh Waites, says state officials are working with Hankerson's attorney "to have the busi-nesses up and running again as soon as possible." Officials say Gladys Knight isn't suspected of any criminal activity.

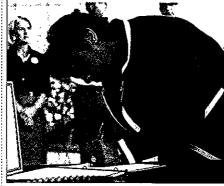
### BRINGING CONDOLENCES

Nation & World

Staff, we reports Staff, we reports MASHENGTON — A moderate Republican same port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port Tuesday for a compro-mise oblock gans from any port tuesday for a compro-mise oblock gans from any staff, the gans from any port tuesday for a compro-mise oblock gans from any port tuesday for a compro-mise oblock gans from any port tuesday for a compro-mise oblock gans from any port tuesday for a compro-mise oblock gans from any to report the form any to report to the form any to report the form any take tuesday for a compro-mise oblock gans from any form the pro-port and the pool for any any any first or to take advans-many form tuesday for any the pool form any the form any form any the pool form any any form tuesday form any the form any form any the pool fo

Trump may be rich but campaign broke





Attorney General Loretta Lynch writes in a book at City Hall expressing sympathy and condolences to the victims of the Pulse nightclub mass shouting on Tuesday in Orlando.

Lynch: No magic bullet to stop extremism in U.S.

By ENC TUCKER md MINE SCHWEDER The Associated Press ORLANDO, Fla. — The ORLANDO, Fla. — The Collardo massacre at a po-suggesting Mattern might and have not club. Mattern pideged soli-dusr gay nightclub shows have been at Pulse before more booth has "from their state might solitors and the solitors's nodouk, based no one yet have gathered dury more about have been at Pulse before more booth solitors and a sonor be had read and absorbed inspired to violence by who he was and what he extremist propagaide on iphadist propagaide on the gathered dury to read the shows have been at Pulse before inspired to violence by who he was and what he extremist propagaide on the art to defini-interns of head read at assorbed inspired to violence by who he was and what he extremist propagaide on the art to defini-t the shows at the art odding. "It's calization, but we want to shown it we shown at to defini-day as he visited a dity still said, later adding. "It's shown it here show the sonothere." Show the sone are othere"."

more about thim in terms of the had read and absorbed who he was and what he extremist propagande on did. I do not want to defini-tively rule out any particu-lar motivation here," she tainly one avenue of radi-said, later adding. "It's calization, but we want to entirely possible that he know if there are others," had a singular motive. It's she said in the interview. Obstatules & Cynecology

Loretta Lynch seld Tues-day as she visind a city still shaken by the shootings. Countering the narra-tivo of radical extremism continues to be a challenge for the government. Lynch sald in an Interview with The Associated Press. "How do we break that is extremist ideology that's online, knowing that the Internet has to remain free and open?" she said. "What can we get out there that's counter-message to that's. "At the scene of the car-nage, workers removed a temporary fance that was erected around the Pulse might club. State officials wondered how they would pay for resources drained by the June 12 massacre, and investigators kept probing for guman Omar Mateen's motives for the rampage, in which 49 peo-ple werk killed and dozens more wounded. Mateen



FRANCIN PHARMACY & HEALTH CARE INC. 1732 Youngstown RUSE 320-350 AFA-(Rt. 422) • Warren

# LEGAL NOTICE

Parisa Khavari, M.D. Complish by the American Source of OMOTON Fellows of the American College of Surgery e & High Rick OB Care. + Hysterneony orneated Memory.

any Akarakha

Party (1) + Cancer P

LEGAL NOTICE The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 18-743-EL-POR, In the Matter of the Application of Ohio Edison Company. The Cleveland Electric Illuminating Company, and The Toteld Edison Company for Approval of Their tenary Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filed pursiant to Section 4928.68 of the Ohio Revised Code and Rules 49011-39-04 through 07 of the Ohio Administrative Code (DAA.C). The companies are seeking PUCO approval of various proposed scheduled a public hearing to consider the matters rated in the companies application. The hearing will commence on July 25, 2016, at 10:00 a.m., at the offices of the PUCO, 180 E. Broad Street, Clumbus, Ohio 43215-3733; by calling the PUCO holine at 1-800-685-7826; or by going to the PUCO whole at two-cohio.gov, selecting DIS, and entering a case number referenced above.



BOARDMAN B AUSTINTOWN BURG SAU SAU



Tribune Chronicle • 5A

1469

The State of Ohio The County of Columbiana

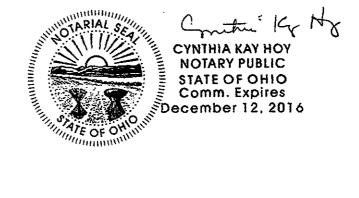
<u>Beth E. Todd</u> being duly sworn, says that she is the Controller of the <u>Morning Journal</u>, a newspaper, printed, published, and of general circulation in said county of Columbiana; that the notice of which is attached a copy, was for <u>1</u> day published in said newspaper commencing on the <u>22nd</u> day of <u>June</u> A.D., 2016.

utfoldd

Subscribed by the said <u>Beth E. Todd</u> and by her affirmed to before me, this <u>22nd</u> of <u>June</u> A.D., 2016.

Printer's Fee <u>\$200.52</u> Account Number <u>L33938</u>

. -



### POLICE

**County Sherifi** 

- County Sherff - Elen Woods, state Route 558, Lectonia, reported at 9:24 a.m. Monday her 17-year-oki grandson stayed up playing X-Box all night and when she went to get him up, he became upset and started hitting his head hato the wall. He already calimed down before deputies antred. - A deceased woman at a home on state Route 7, Lisbon, was reported by the Noman was found by her niece at the bootum of the basement steps, where she

woman was found by her nice at the bottom of the basement steps, where she had apparently alien. — Deputy Luke Skömore was outside the county jal at 843 p.m. june 10 when he neard a gunshot and a split scool later heard a projectie traveling through the lightly wooded area southeast of the jal, within 40 yards of the laf. Skömore then heard a scoold bat from the same direction, but did not hear a second projectile. Deputies and the Ohio Department of Natura Ressources checked the area and found Edward J. Deville H, U.S. Route 300, and Michael Chenn, Depot Street, Lisbon, both soid they were on Devide's property discharging a Smith and Wesson M&P 9-millimeter toward a wooded a smith and Meyson M&P 9-millimeter toward a wooded they projectile. Devide Hy on the yoid they were wared a both said they were wared both said they were wared both said they were wared southes explained one of whey projectiles did not bave were, it went northeast toward both shooting if they do not know where the roonds are going. — Mathhew Hoodest. That's fine Lisbon Police Chief Mike Abraham is shown with one of the 10 yellow boxes he plans to have placed around town for people to drop off their parking tick-ets ratine than go to the police station. The metal boxes, which were made by Helm Sheet Metal of Lis-bon for \$1,992, will be affixed to existing poles in the downtown parking dis-trict that have signs explain-ing the village's parking times and less. A second sign will feature a sign instructing motorists to drop the parking ticket envelope and payment into the box if they would rather not go to the police depar-ment. Lisbon Police Chief Mike

about shooting if they do not know where the rounds are spong.
 Matthew Hoopes.
 Matthew Hoopes.
 Mother Hoopes.
 Methew Hoopes.
 Mother Hoopes.
 Methew Hoopes.
 Mother Hoopes.
 Methew Hoopes.
 Mother Hoopes.
 Methew Hoopes.

became angry and began making radial skirs at them, officers reported. He was Issued a criminal trespass notice for Columbiana-Metropolitan Housing Authority property, prohibiting him from being on it, and affect transported him to a friend's house on Ambrosa Auseure Ender AT . 8 h 2

- -

8

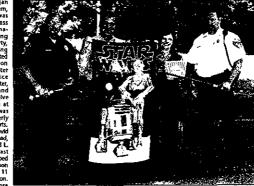
ù,

on it, and diffeest transported him to a intend's house on Ambrose Avenue. Foster showed up at the police department some time later, highly intoxicated, and continued the aggressive behavior he had shown at Woodland Hills and was charged with disorderly conduct, according to reports, -- Vehide diven by David B. McCoy, 73, Rodges koad, Chester Wax, and Rohand L. Moore, Queens Way, East Chester Wax, and Rohand L. Moore, Queens Way, East Chester Wax, and Rohand L. Moore, Queens Way, East Chester Wax, and Rohand L. Moore, Queens Way, East Chester Wax, and Rohand L. Moore, Queens Way, East Chester Wax, and Rohand L. Moore, Gueens May, East Tor-smith the star discourse to the start of the start hor-smith thready afformon. Having anthed first, Moore began to travel south when McCoy also moved into the intersection, situling the van driven by Moore, which was sourced by Pressvell Cleaners, state Route 170, No liquits or clations were reported.

MORNAE COUNTY • DISTRICT

<text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text> LECAL NOCL Have been and the provided and the provided approximation of the provided approximati

Wednesday, June 22, 2016



### Movie night

MCOVIE MIGHT MOVIE MIGHT MIGHT MOVIE MIGHT MIGHT MIGHT MOVIE MIGHT MIGHT MIGHT MIGHT MIGHT MIGHT MOVIE MIGHT MIGHT

Isted in the report, and Corey Libert denied having any of roammate at his new residence, but he was not send the send to be an end of the send to be an end to be a

ipartiment was empty. Perry Tewnship p.m. Monday to the 1400 bods of West State Street for a disabled vehicle. A Chryster disabled vehicle. A Chryster the north side of the road disabled vehicle. A Chryster for orer 24 hours. Davidson's Dwing removed the vehicle was towed by Sinsley's Twong. Hancock County arrests by T. Kinzle, 24, ol New Cumberland: Contribuing to the north side of the road the delinquency of a minory partialy blocking a drivewa Cumberland: Contribuing to the north side of the road the singe a state street of which was causing a potential controlled substance, no the singe a street at 205 me Monday, an officer was tapped by a resident, logarity missing and Monday. How the singe the street at 205 me the singe who advised of possible burglary at the troe of the aparted file compile a strot the coller. An ad Monday. How the singer, who advised of the singer who advised of the singer. Singer Singer, Singer Singer the singer who advised of the singer who a

— A woman in the 100 block of Highland Avenue came to the station at 6:50 p.m. Monday to report her roommate moved out when she was not home and he took her firearm. Officers

be conducting an OVI checkpoint sometime this week. The patrol plans to announce the county location of the checkpoint the day before and the location the moming of. "If you plan to consume alcohol, designate a driver or make other travel arrangements before you drink. Don't leat another life be lost for the sense-less and setting at consul-ingaleed, "the patrol said in a press release. Opera-

1470

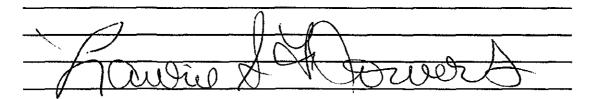
# **Proof of Publication** SALEM NEWS

P.O. Box 268 161 North Lincoln Avenue Salem, Ohio 44460

ACCOUNT:<u>S-335</u> NAME<u>: FIRST ENERGY</u> TYPE: <u>LEGAL NOTICE</u> AMOUNT:<u>\$139.05</u> File Date: JUNE 22<sup>nd</sup>, 2016

Laurie S. Flowers Being duly sworn as a clerk of the Salem News, Salem, Ohio, a daily newspaper of general circulation in said City of Salem, County of Columbiana, and State of Ohio and states that the advertisement listed below was published in said newspaper on:

# PUBLISHED IN THE SALEM NEWS ON JUNE 22<sup>nd</sup>, 2016



Total Fee: <u>\$139.05</u> Advertising Rep: <u>Laurie S. Flowers</u>



CYNTHIA KAY HOY NOTARY PUBLIC STATE OF OHIO Comm. Expires December 12, 2016

The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-743-EL-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filed pursuant to Section 4928.66 of the Ohio Revised Code and Rules 4901:1-39-04 through 07 of the Ohio Administrative Code (O.A.C.). The companies are seeking PUCO approval of various proposed plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2016, at 10:00 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio. Further information may be obtained by contacting the Public Utilities Commission of Ohio, 180 East Broad Street, Columbus, Ohio 43215-3793; by calling the PUCO holine at 1-800-686-7826; or by going to the PUCO website at www.puco.ohio.gov, selecting DIS, and entering a case number referenced above.

WEDNESDAY, JUNE 22, 2016

### SNSPORTS



Game 12

verrar, 2 p.m. - Voires 12, Subschart, Auer 25 - Voires 13, Subschart, Auer 25 - Voires 10, -Marce Table - Canada deriver ris, Ganna 9 - Krians 14 - Canada deriver ris, Ganna 10, -- Brock and Brock - Sprande Langer - Stranger 11, -- Stranger 1

# 1471

# **Affidavit of Publications**

Newspaper:

Mansfield News Journal, Marion Star, Fremont News Messenger and Port Clinton News Herald

LEGAL NOTICE ATTACHED

State of Ohio

Advertiser: Ohio Edison/First Energy 56 Milford Dr. Ste. 100 Hudson, OH 44236-2760 Acct. M425

RE: AD# 1111593

Ad Net Cost: 325,35

I, Karie Sargent Sales Mgr. for the

above mentioned newspaper, hereby certify that the attached

Advertisement appeared in said newspaper on the following dates:

June 22, 2016

<u>и</u>, 2016 Subscribed and sworn to me this day of Dedra Petty **NOTARY PUBLIC** Notary Public, State of Ohio My Commission Expires April 3, 2017



Plymouth man granted
judicial release in 2011
drunk driving fatality

AL LAWRENCE

A Plymouth man has been granted judicia re-rent of a five-year priori trainer for again the rent of a five-year priori trainer for again field and County Com-mon Pleas Judge James of the hearing ond argu-partice hearing ond argu-partice hearing ond argu-partice hearing ond argu-ear-old Zearary Montgo-ners. Montgomery pleaded when the start of the coord-degrame field we have of aggravated we have of a ggravated we h

Provide DeWeets ch is completed with the sect."
A family friend gave

Ohio Right to Life: Should we endorse Trump?

COLUMBUS - Ohio's oldest and largest anti-abortion group is sur-

lican presidential nomi-nee. It marks the latest sign of anticity among political conservatives in the battleground state over Thump's candidacy. The letter said the group is analyzing his policy positions on its priority issues, which in-clude abortion, adoption and exploration - torder

Sat. June 25 9-6 Sun June 26 1-5

40% off all plants. Garden Tours, Kids' Activities All Activities FREE!! Tour Our Extensive Display Gardens We Grow What We Sell



clude abortion, adoption and euthanasia — some of which have changed over time. The survey gave three choices: endorse Thrump, remain neutral or choose "unsure."

 
 Dirácito
 Titudi

 1.04
 2.73

 1.04
 2.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

 0
 5.73

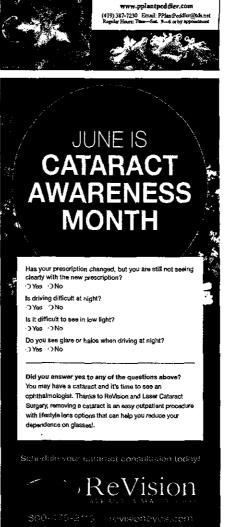
 0
 5.73

 0
 5.73 17.14 13.85 22.05 16.7 24.54 41.92 27.84 11.24 22.44 54.52 27.84 11.24 22.44 54.52 27.84 11.24 22.44 51.52 51.51 32.55 51.51 32.55 51.51 51.55 51.51 51.55 51.51 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 51.55 5 15.76 44.63 25.77 26.29 11.56 20.5 17.33 20.5 17.33 20.12 2136 1441 782 1227 1906 152 2249 71,46 3909

# LEGAL NOTICE

LECGAL NOTICE: The Public Utilized Commission of Ohio (PUCO) has scheduled a public hearing in Clean Ko. 167-478-E1-POR, In the Whither of the Application of Ohio Edison Company. The Cleveland Electric Illuminating Company, and the 1 cload Edison Company for Approval of Their Elevely Efficiency and the 1 cload Edison Company of the Application of the Clevel Code and Public hearing to Solidon 4928.66 of the Ohio Revised Code and Public hearing to consider the matters raised to rake energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies application. The hearing will commence on July 25, 2016, at 10:00 a.m., at the offoss of the PUCO. 180 E. Broad Street, The Application Street, Solido and 11-A, Columbus, Ohio, Further information may be obtained by contacting the Public Netting the Cleve on the Street Street, Stree







P

# 10A & WEDNESDAY, 06.22.16 & WWW.MARIONSTAR.COM

### 2016 Harding girls track Ū ΪÌ 9 R T Seo ંા હું 8 1 1 (C) ( 69 3 - 🖭 🖥 <u>`@</u>(∫<u>@</u>) 1 · · · ·

embers of the 2016 Handing girls track team in no particular of der were Gole Reddinger, Laven Kon, Lakaba Wada, Lastha Jalin, Su'th NcGinn, Ukiva Brzzell, Razha Raifft, Jade Isaba, Ariyama Beeca, Justina Marikin, Alexys Bai, Kyjekanne Geren, Jillins and MB Tinneello.

### Martin

# Continued from Page 7A

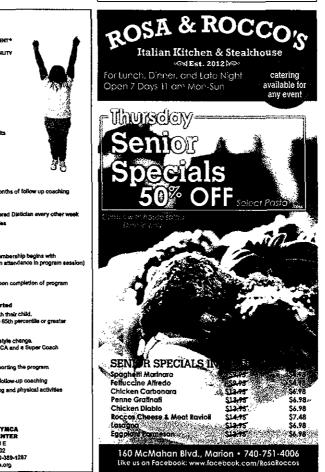
formation available from Lake Eric Shores and Islands at 800-255-3743. This spring State Trumpeter swans comize back in Ohio

Trumpeter swans are huge, majestic birds that were once almost exwere once almost ex-tinct, but are coming back due to the imple-mentation of an Ohio Swan Management Plan. Trumpeter swan surveys conducted by the Divi-sion of Wildlife showed a diff anyonet increase in sion of Wuldite showed a 44 percent increase in the number of pairs and 37 percent increase in cygnet (young swans) production compared to last year. The total num-ber of cygnets increased to an all-time high of 142

conservation projects Ducks Unlimited is a well-known advocate of conservation programs, restoring drained wet-lands in Ohio and else-where, and promoting duck habitat and duck hunting across the na-tion. Last year alone, DU invested \$1.65 million in conservine 1 Si Across This spring State Wildlife Officer Adam Smith was on patrol at indian Jake when he saw two men asiting by the lake, one ishing. Smith out acted themes main her was just there to on-serve. The other man had a valid fishing li-cense so Officer Smith left, but didn't so far. Watching the pair with binoculars, the man who didn't have a license was seen fishing, as Smith went back. The unlucky miscreant was issued a summons for fishing later paid a \$106.50 fine invested \$1.65 million in conserving 1,51 acres tions. Over the last 30 years the organization has conserved more than 85,000 acres of land for ducks. This year, DU is at Cedar Point National Wildlife Refuge recon-necting a 1,400 acre wet-land to Lake Eric which will dirastically improve the U.S. Fish and Wild-life Service's ability to manange water levels.

# in 2015, due in part to a reduction of invasive mute swans that created babiat. Flahing without a license doesn't pay

LEGAL NOTICE: The Public Utilities Commission of Chio (PUCO) has scheduled a public hearing in Case No. 16-743-E-PCB, in the Matter of the Application of Ohio Edison Company. The Cleveland Electric Huminating Company, and The Totaloc Edison Company for Approval of Their Charge Elitishov and Peak Demand Reduction Program Porticio Faster (as 2017 throag) 2019. In Control Reduction Program Porticio Passes (as 2017 throag) 2019. In Control Reduction Program Porticio Faster (as 2017 throag) 2019. In Control Reduction Program Porticio Passes (as 2017 throag) 2019. In Control Reduction Program Porticio Passes (as 2017 throag) 2019. In Control Reduction Portano (as 2016 of the Ohio Incode (OA.C). The companies are seeking PUCO approved of various proposed plana to increase energy officiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters reised in the companies' application. The hearing will commence on July 25, 2016, at 1000 a.m., at the offices of the PUCO. 100 E. Broad Street, Tith Picor, Hearing Room 11-A, Columbus, Ohio. Further Information may be obtained by confacting the Public Nullise Commission of Ohio, 100 East Broad Street, Columbus, Ohio A3215-27733; by caling the PUCO holine at 1-300-686-7828; or by going to the PUCO whole reider to two-puco.



# Ward

# Continued from Page 7A

Big goals for some-one who never wanted to try the discipline. rmccurdy@gan-nett.com Work 740-375-5158 Cell 419-610-0998 Twitter @McMotor-reat sport



IN THE COURT OF COMMON Case No. 304 CY HOL

She'll have higher aspi-rations and she'll want to get up on the podium, and maybe if she im-proves courgl, com-proves courge, com-proves courge, com-solver and the second she courge course of the Belleve to train in Shawn Beamer's Alti-tude Headquarters twice a week. The for-mer gymnast and com-petitive cheericader also has plants to train in a gymoastics gym on other days. "Over the next year I'm soing to be eating, breathing and sleeging, pole vaul," Ward said. "I'n a lot of technique. Right now my tech-nique isof' the best, so that's why getting in the gym and drilling so much will help a tom. You to for. Form plays a big role in it." Once the form is company and bigore accomplish. LEGAL MOTICE INFO DE LEGAL MOTICE INFO DE LEGAL DE LEGAL PUEDE DE LEGAL INFO DE LEGAL INFO

bigger accomplish-ments to obtain in 2017. "This is a big goal," she said, "but I really Percel cumber(s): biblicocores Preservy address; 236 Dano Street,

Legal Notices

Jahn B, Hart, at al. LEGAL NOTICE

# The determine normal shorp is the industry is any set of the set of the industry of the set of the set of the industry of the industry of the set of the industry of the industry of the set of the industry of the set of the industry of the set of the set of the industry of the set of the set of the industry of the set of the set of the set of the industry of the set of the set of the set of the industry of the set of the set of the set of the industry of the set of the set of the set of the industry of the set of the set of the set of the industry of the set of the set of the set of the set of the industry of the set of the set of the set of the set of the industry of the set of the set of the set of the set of the industry of the set of the industry of the set of the industry of the set of the

LEGAL NOTICE





### SHAPING HEALTHY HABITS AND STRENGTHENING FAMILY TIES

# SUPER KIDS MARION FAMILY YMCA

For children ages 9 to 14 who are struggling with their weight and wish to form healthier habits

### Program Information

- Registration taken at anytim • Tues. & Thurs. 6:00 - 7:30 PM
- Tues. Families
- Thurs, Child Only
- 3 Month Program folk ed by 3 Months of follow up o
- nily sessions will include: Nutrition counseling with a Registered Distician every other week
  - Joining children in physical activities

### Fee: \$50 Additional children in same family \$35

Y membership for entire family (three month membership begins with registration as long as child and parent maintain attandance in program session) is included with program lee.

Additional 3 month family membership given upon completion of program to begin immediately at graduation.

# **Program Requirements and Getting Started** Parants must commit to stlending Tuesdays with their child. Child participant must be overweight and in the 85th percentile or greater on the Body Mass Index (GMI)

Family should be ready and willing to make lifestyle change. Sign and register form at the Marion Family YMCA and a Super Coach will contact you.

Thank you to General Mills Foundation for supporting the program

 3 Month Program followed by 3 Months of follow-up coaching Family session includes Nutrition counseling and physical activities Fee: \$50

Additional children in same family \$35

MARJON FAMILY YMCA WOPAT YMCA CENTER 645 Barks Road E Marion OH 43302 P: 720-725-9622 F; 740-389-1287 marionfamilyymca.org

# LOCAL

hernot

# Croghan Street has undergone many changes in the last seven decades



ROY WILHEL We've occasion-ally looked back So, 60, 70 years or more at the downtown area and sparied 3om ememories while seeing how much things have changed. Well, today, we move a few blocks away to an area that has changed greatly in 70 years. Croghan Street, west of Park Avesue, coope-that stood seven decades ago, but there are many differences. The old joil, of course, is now the home of the Sandaksky County-ommissioners, and the popular 818 Club was replaced by a new build-ing after a disastrous the store are many

re. But there are many

but there are many other differences. In 1946, the beautiful old Stahl building on the south side of Croghan across from the court-house was home to the

### BRIFFS

Bellevue's Tremont House to be benored

wish to pay in person: In Four County Young at Heart, 600 Flat Rock Rd, Bellevue on June 28. In The Woodville Fire Heall, 321 E. Main St., Woodville, on June 29. Thomas and the state of the state woodville, on June 29. Thomas and the state of the state to pay with check or more information call 49-334-6234. The Bellevue Histori-cal Society will host the dedication of an Ohio Historical Marker hon-oring the Tremont House on Saturday at 1 p.m. Built in 1846, this three-story Greek Revival building has housed many different busi-nesses on the ground floor. The ceremony will be held on the west side of the Themont House where the marker will be installed. North West Street betreege North

Municipal Court to close July 4 Street between North Street and Main Street will be closed for a short time.

Guadalupe society plans tace dinner

FREMONT - The Society of Our Lady of Guadalupe of St. Josep Church will hold a taco Church will hold a taco dinner from 4 to 6 pm. Saturday and Sunday at 709 Croghan St., Fre-mont. Dinners are §8 and burritos will be \$2.50 each. For more informa-tion call Amelia Reyna at 419-680-4223.

# Tax collections go on the road

FREMONT-Irma Celestino, Sandusky County treasurer, will be at the following locations from 10 to 11:30 a.m. to collect property taxes for the second half of for the second half o 2015 for persons wh

> 1.1 I.

> > al in



n Bible School age me 26 - 30; 6:00 - 8;

desurger.

ΞŤ

BGSU. Firelands

 $\mathcal{I}$ 

Pinochole Card Club Lists May winners

While the times and names may have changed, many of the old occupants of

 offices of Dr. Edvin Baker as well as the lad Stahl atto of Edward Stahl atto of Edward Stahl atto of Edward Stahl atto of Edward Stahl Printing Company Stath Person Hurst Refer Associa-tion and Stahl Printing Company Stath Person User the St. Joseph Charles the school of there of the south side of the station, Many may recall that sboth white gas station, Many may recall that sboth at decade later, that was Jerry's With St. Joseph's High
 School in the recently clased elementary school sudices of the area.
 Co. and some off the Howard Zink Joseph's High School sudices of the area.

 offices of Dr. Edvin Baker Thr of Stahl Printing Company Stath Person User St. Joseph School sudices of the area.
 Co. and some off the Howard Zink Joseph's High School sudices of the area.

 School in the recently classed elementary school sudices of the area.
 Co. and some off the Howard Zink Joseph's High School sudices of the adject of the formation on the south side of the able Upholstering Co. The south side Corgban with the St and Scrophan.
 Co. and some off the Howard Zink Joseph's High School sudices of the adject of the formation on the south side of the able Upholstering Co. The south side Corgban were the East Ohio Gas
 Co. and some off the Howard Zink Joseph's High School sudices of the able Upholstering Co. The south side of the able Upholstering Co. The south side Corgban were the East Ohio Gas
 Co. The south side School sudices of the adject and the south side Congreget and the south side County and Pree

Co. and some offices of the Howard Zink Co. Just acruss Wayne Street on the forth side of Croghan were the Company and, after a private residence, the Horn Flora IO. While the times and names may have changed, many of the old occupents of those buildings on Croghan are well-remembered by long time residents of the area. Themson State of the grant acress of the Negrod Messney - in 1965

Koy Wilheim started a 40-year career at The News-Messenger in 1965, as a reporter. Now re-tired, he is writing about the history of Sandusky County and Fremont.

# United Way honors Sandusky County sector volunteers

ilies Recover Too. a proup to aid families and friends who have been affected by addiction and alcoholism, will hold weekly meetings at 7:30 pm. Thursdays begin-ning July 7 at Solomon Lushcera, 335 W. Main. St., Woodville. For In-formation call 419-362-433. sealor volunteers FREMONT - High school seniors around Sandusky County were recognized and present-ed \$100 ach recently by the United Way of San-dusky County for their volunteerism. The 2016 Senior Vol-unteer Award recibinet

The 2016 Senior Vol-unter Award recipients are: Bellevue High School, Hally Warner, Clyde High School, Srica Gonzales, Fremont Ross School, Suren Sonder-geld, Lakon High School, Suren Sonder-geld, Lakon High School, Mirana Cox, St. Joseph Central Catholic School, Mirana Cox, St. Joseph Central Catholic Seninel Career Center, Taylor Shock.



Supering of UNIT Models and Identified States and State



LEGAL NOTICE The Public Utilities Commission of Orio (PUCO) has scheduled a public hearing in case Mo. 16-74-81-POR. In the Metter of the Application of Orio Edison Company, The Greveland Electric Illuminating Company, and The Locked Edison Community for Approximate Their Energy Enfloying; and Pack Demand Reduction Program portfale Final for 2017 through 2018. The application was tilde proximating to School regist 86 of the Ohio Administrative Code and Reduction and School regist 86 of the Ohio Administrative Code plans to Increase anargy efficiency by Their customers and to rectuce energy usage by thair customers during times of peak domaind. The PUCO has schoduled a public hearing to consider the matters relieved in the comparises spheridion. The hearing was commense on Luby 52, 2016, at 1000 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio, Turber Information may be dothered by contacting the Public Utilities Commission of Ohio, 180 East Broad Street, Columbus, Ohio 43215-3739; by calling the PUCO holine at 1-300-886-7828; to by poing to the PUCO vebsite at www.puco.chio.gov, selecting DIS, and entering a case number referenced above.

NOMS Healthcare is pleased to welcome: John M. Bondra, DO to our orthopedic medicine team.







## **History Spotlight**

# LOCAL

Patchenton

## Croghan Street has undergone many changes in the last seven decades

While the times and names may have

charged, many of the old occupants of

Co. and some offices of the Howard Zink Co. Just across Wayoe Street on the north side of Croghan were the Ohio Beil Telephone Company and, after a private residence, the Horn Floral Co.

While the times and

Wille the times and names may have changed, many of the vido occupants of those buildings on Crophan are well-remembered by long time residents of the area. Roy Wilhelm started a 40-year career at The News-Messenger in 1965, as a reporter. Now re-tified, he is writing about the history of Sandusky County and Prement.

United Way honors Sandusky County senior volunteers

FREMONT - High school seniors around Sandusky County were recognized and present ed \$100 each recently by the United Way of San-

ed Si00 each recently by the United Way of San-dusky County for their volunteerism. The 2016 Senior Vol-unteer Award receiptents are Bellevue High School, Holly Wørner, Clyde High School, Sarai Po-red G. Sandon School, Sarai Po-school, Miranda Cox, St Joseph Central Catholic High School, Christian Smith, and Vanguard-Sentinel Career Center, Taylor Shock.

those buildings on Croghan are well-remembered by longtime

residents of the area.

School in the recently closed elementary school building. The elementary school? That was between the gas station (and an adjacent duplex) and the church on the south side of the stry any. A cross Wood Street to the west was the Reli-able Lyholstering Co. on the north side, followed by Schwart's grocery. Premont Used Goods, the Sherk Beauty Salon with the B & B Restau-rant, operated by L.P. Scanito, at 816 Croghan. On the south side of the South Schemer.

with private residences were the Last Ohio Gas



**Derivatives** locked back 50, 60, 70 years or more at the downtown area and sparked some memories while seeing how much well, today, we mave Well, today, we mave Well, today, we mave well, today, we mave the second second well, today, we mave the second second ready in 70 years. Graphan Street, west of Park Avenue, con-tains many buildings that stood seven decades ago, but there are many differences. The old jail, of course, is now the home

M offices of Dr. Edwin Boker as well as the law firm of Stahl, Stahl and Stahl and the versatile opernion in the versatile agrent and justice of the peace. Also in the build-ing were the Farmers Mutual Relief Associa-tion and Stahl Printing Company along with four apartments. But, it was the next block that looked nuch different than it does today.

The old jail, of course, is now the home of the Sandusky County commissioners, and the popular 818 Club was replaced by a new build-ing after a disastrous

blick that looked mutch different than it does today. Where St. Joseph Catra a Catholic High School, tancid Hoday, was the cover the Halet where a parking lor is where a parking lor is where a parking lor is often full of cars for activities at the school or church, was the Schuck and White gas station. Many may recall har about a decade later, that was Jerry's Pure Oil Service, run by G.J. Gabel. Ing stitt: a use are many other differences. In 1946, the beautiful old Stahl building on the south side of Crophan across from the court-house was home to the

G.J. Gabel. Next to the hall was the St. Joseph's rectory with St. Joseph's High

#### BRIEFS

Believue's Tremont House to be honored

The Bellevue Histori-cal Society will host the dedication of an Ohio dedication of an Unio Historical Marker hon-oring the Tremost House on Saturday at 1 p.m. Built in 1846, this three-story Greek Revival building has housed many different busi-nesses on the ground floor.

many different busi-nesses on the ground floor. The corremony will be held on the west side of the Tremont House where the marker will be installed. North West Street between North Street and Main Street will be closed for a short time. Municipal Court to close July 4

Guadalupe society plans taco dinner

11

Solomon Lutheran offers addiction help

WOODVILLE - Fam

DING ion Sible School age d June 26, 30; 6:00, 31 Ion, Harbor, Askus ΠĨ



BGSU. Firelands IT'S ALL ABOUT



Constant and a

**History Spotlight** 



Summing to Lever works have NAM MACHINE This picture shows front Street looking south from State Street in the 1984. It's a burg day on front Street in this mid-20th certury photograph that shows shoppers, old street lights and parking meters along the citts. L.P. enney was on the northest corner of Craghan Street with the Republican begauters located upstate, and Workwerth's was across Orophen on the sorthest corner. At the far right can be seen Gind Drog, which was then in the dowlowerth's the across of the picture, some data State. All of the Black on the sorthwest corner of front and State. All of the the carter of the picture, some detting back to the \$550, still form the core of the downtown shopping district.



LEGAL INDICE The Public Utilides Commission of Ohio (PUCO) has scheduled a public heating in Cases No. 167-43. EL-POR, In the Matter of the Application of Ohio Edison Company, The Cleviand Electric Illuminating Company, and Peak Demand Reduction Program Portfolo Plars for 2017 through 2018. The application was filed public of the Electric Illuminating Company, and Peak Demand Reduction Program Portfolo Plars for 2017 through 2018. The application was filed public of the Electric Illuminating Company, and Peak Demand Reduction Program Portfolo Plars for 2017 through 2018. The application was filed public plants in the Application of (CA.C.). The comparises an evaluating the Application of the Application (plants to innease energy efficiency by their austromers and to radice energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters related in the companies application. The hearing with commence on July 25, 2016, at 1000 a.m., at the offices of the PUCO. 106 E.B. Broad Street, Toth Proc, Hearing Rioon 11-A, Columbus, Ohio, Further information may be ablaned by contacting the Public Nillifes Commission of Ohio, 100 East Broad Street, Columbus, Ohio A2115-4738; by calling the PUCO Indine at 1-800-686-7826; or by going to the PUCO website at www.puco.ontio.gov, ellecting DIS, and entering a case number reforemed above.

NOMS Healthcare is pleased to welcome: John M. Bondra, DO to our orthopedic medicine team.





629 Bartson Road, Fremont 419.355.9800



Pisochole Card Club lists May winners

**Ists May winners FREMONT** - The **Pinochle Card Club re-**ported its May winners. The first place team was Kenneth Avers and Barb Kossis, Siti, second place were Amy Carpenter and Pat Lehmann, 777; and third place went to Flossie Svint and John Swint, 724. FREMONT . The FREMONT - The Fremont Municipal Court will be closed July 4 due to the national holiday. Arriagaments will be held on July 5 at 9 a.m. for incarcerations.

# **.springfield** News-Sun

AFFIDAVIT OF PUBLICATION

P.O. Box 643157 Cincinnati, OH 45264-3157 937-225-7367

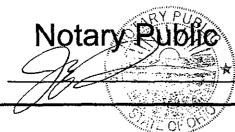
STATE OF OHIO

## LEGAL NOTICE

The Public Utilities Conveniences of Orite (PUCO) has scheduled a public hearing to Come No. 18-748-EL-PON, in the Mether of the Application of Ohio Edeon Company, The Cleveland Bestric Illuminning Company, and The Totado Edeon Company for Approval of Their Energy Estatemps and Peek Convent Hestochian Program Portado Pinne to 2017 Wanugh 2018. The application uses find parametric b Sastan 4825.65 of the Child Review) Code and Aude 40011-139-04 Structure 100 Oct 100 Administrative Code (CAC.). The companies are easing PUCO approved of vertices proposed parts to Innease energy effecting by their outcomens and to action wanty unage by Paris automatics are easing the Code park Antones and to action wanty unage by Paris automatics Config Times of peek domain. The PUCO has applied on. The heading will commany to application to action among applied on. The heading will commany to able the Articles The Code 1.4., Codiming, Chick, Further Exceed Stand, 11th Flaor, Heading Houm, the Diffuse of the PUCO. Information on July 55, 2019, at 1900 a.m., at the officies of the PUCO. The Texad Stand, 11th Flaor, Heading Houm, Chick 42216-1392; by automating the Company to application, file of 2016-1392; by an automatic the method Struet, Calumbian, environment, and the Stand and the source of an environment of the Stand Struet, Calumbian, parks to the PUCO, watelling the Work The Difference Struet, Calumbian, environment and many and allows.

Signed

Sworn or affirmed to, and subscribed before me, this 6/23/2016. In Testimony Whereof, I have hereunto set my hand and affixed my official seal, the day and year aforesaid.



JUSTIN PETERSON, Notary Public In and for the State of Ohio <u>My Commission Expires July 31, 2019</u>

# Invoice No. 17619800 Ad Cost \$283.50 Paid \$0.00 Due \$283.50

# 1472

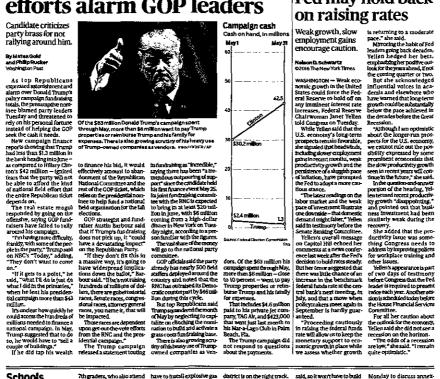
## FIRST ENERGY MEDIA C/O KATHY ALEXANDER HUDSON, OH 44236

Before me, the undersigned, a Notary public in and for said County, personally came Nadia Vagedes who being first duly sworn says he/she is the Legal Advertising Agent of the Springfield News-Sun, which he/she says is a newspaper of general circulation in Montgomery, Clark, Warren, Butler, Clinton, Greene, Preble, Miami, Darke, Mercer, Shelby, Fayette, Logan, Hamilton, Clermont, Auglaize, and Champaign Counties, and State of Ohio, and he/she further says that the Legal Advertisement, a copy of which is hereunto attached, has been published in the said Springfield News-Sun 0 Lines, 1 Time(s), last day of publication being 6/22/2016, and he/she further says that the bona fide daily paid circulation of the said Springfield News-Sun was over (15000) at the time the said advertisement was published, and that the price charged for same does not exceed the rates charged on annual contract for the like amount of space to other advertisers in the general display advertising columns.

## FROM PAGE ONE

# Trump's paltry fundraising efforts alarm GOP leaders

ELECTION 2016



 Schools
 The read cap in weak
 There read cap in weak
 The read c LECIAL NOTICE: The Public Illing corresident of Otho (Public Networkshot & public hearing in Case No. 18-743-EL-POR, in the Meter of the Application of Ohb Edison Compeny. The Cleveland Recruic Illiannia and company, and The Tolded Edison Company for Approval of Their Energy Efficiency and Part Desnand Reduction (Program Porticion Pariss for 2017 Wave) The application was filed pursuant to Section 48228.66 of the Ohk Revoluci Code of Ahlus 48031: 536-540 Wrough (70 The Ohk Ambusho Code of Ahlus 4803): 536-540 Wrough (70 The Ohk Ambusho Code of Ahlus 4803): 536-540 Wrough (70 The Ohk Ambusho Code of Ahlus 4803): 536-540 Wrough (70 The Ohk Ambusho Code of Ahlus 4803): 536-540 Wrough (70 The Ohk Ambusho push to Horses dening) efficiency by their customers and to reduce energy usage by their customen charge times of park domain. The PUCD has schedulad a public hearing to consider the matters raised in the companies application. The hearing with Hormad States (11 the Public Allos Am-at the officiae of the PUCD, 180 E. Emed Steel, 11th Poor, Hearing Room 11-A. Cottings, Other Hormado The Dire State Method States 5785; yo cailing the PUCD holds et a 1800-586-7828; or by going to the PUCD worksite it www.pucc.ohlic.gov, selecting DIS, and entering a case number referenced above.

U.S. FCONOMY Yellen hints that Fed may hold back on raising rates

A7 :







1473

# **NOTICE OF PUBLICATION**

State of Ohio Madison County

I, SANDRA POWERS, do solemnly swear that I am CLASSIFIED MANAGER of THE MADISON PRESS, a newspaper printed and published and of general circulation throughout Madison County, Ohio, and that the original notice, a true copy of which is here to annexed, was published in said newspaper for 1 consecutive time(s) in the MADISON PRESS, commencing on the 22nd day of JUNE A.D. 2016

Sworn to before me and subscribed in my presence this <u>6-22</u> A.D. 2016.

Printer's Fees \$100.65



NOTARY PUBLIC

-

lose; remaining strawberry food contest items will be discarded

8:50 to 9 a.m. — Baby contestant check in, Main Stage 9 a.m. — Baby contest, Main Stage, winners photos immediately following contest; all vendors open

concest; all vendors open 9 a.m. to 3 p.m. -- London AC ODRA Car Show, courthouse squar 10 a.m. -- 5K run, Roberts Bide Path on Maple Street, water and granola bars will be provided along the route. courty fee is \$25 for adults, under 12 is \$10

11 a.m. to 4 p.m. - Ride special Noon to 2 p.m. - Second Chance

Saturday, June 25

11 p.m. —

Cir

#### LONDON STRAWBERRY FESTIVAL SCHEDULE

8:30 p.m. ---Strawberry food Wednesday, June 22 released 8:30 to 10 p.m. — Karaoke finals on Activities Stage

4 or 5 p.m. — Streets close and food vendor set up begins 6:30 p.m. — Junior and Miss interviews at London City Council chambers

chambers 6:30 to 7:15 p.m. — Contest reg-istration and check in: toy building, window/house/yard decorating, story and poetry, coloring, art, photogenic, cake and cookie decorating, at Lon-don City Council chambers

Thursday, June 23

7 a.m. - Non-food vendors and

7 a.m. — Non-food vendors and tends set up 10:30 a.m. to noon — Conlest reg-istration and check in toy building, window/house/srad decorating, story and poetry, coloring, art, photogenic, cake and condic decounting, at I ano-don City Council chambers 11 a.m. — Opening Ceremony; National Anthern by William Smith and Paul Ericson; festival opens and all vendors open

all ventors open 11:10 a.m. — Stage practice for Shortcakes, Little, Young, Junior and Miss contestants, be sure to sign in 5 to 8 p.m. — Karao ke prelims on Activitics Stage 6 p.m. — Simba Kordan, Main

St

Stage 6 to 6:10 p.m. — Check in for Shortcale, Little and Young contes-tants, Main Stage 6:20 p.m. — Shortcake, Little Miss and Young Miss contests, Main Stage 6:30 to 7:30 p.m. — Check in for Junior Miss and Queen contestants, Main Stage

6630 to 7:350 p.m. — Check in for Junior Miss and Queen couldstants, Main Stage 7 p.m. — Junior and Miss contests, Main Stage (after Young Miss compe-tion), Miss Photogenic announced; followed by Simba Jordan 9 p.m. — Karoke Prelim at Ottic's in Hillian — Karoke Prelim at Ottic's in Hillian — Caro

in Hilliard 19:30 p.m.— Close Shortcake Then will be open daily. Unclaimed and lost items will be available for pick up at the Informa-tion Booth. 50/50 raffe tickets will be sold at the Information Booth.

Friday, June 24

11 a.m. — Festival opens and all

11 Ann. — resume spen vendors open 12 o 6 p.m. — American Red Cross Blood Mobile Blood Drive 3 to 6:45 p.m. — Highway 40 4:45 to 5:15 p.m. — Thunderfoot

Karate 5 p.m. — Strawberry Cruise In 5:15 to 6 p.m. — Cierra Bierbaugh 6 to 8 p.m. — Hiddlestix 7 to 8 p.m. — Strawberry food check in at Information Booth 7:20 p.m. — Kiddle Tractor Pull at Huntington Bank; prizes awarded immediatibus and heurached

Noon to 2 p.m. -- Second Chance Band 1:30 to 3:30 p.m. -- Queen's hun-cheon, London Elementary School 3 to 5 p.m. -- Parade line up, Cowling Park 5 p.m. — Grand Parade followed by featural introductions and crowning of the 2016 queen at Main Stage 5 p.m. — Grand Marshall recog-nized nized 5 p.m. — Contest awards presented and photos taken: toy building, win-dow/house/yard decorating, story and poetry, coloring, art, cake and cookie decorating, strawberry (ood, best strawberry themed unit, best 4H themed unit, best band, pet contest, decorated bike, child's vehicle and wagtor contest, fillss Photogenic and Best Queen's Float; Queen's Float award sonsors it Sart Thohry: 4H Best Queen's Float Queen's Float award sponsor is Starr Tropby; 4 H Unit award sponsor is Canaan Path-finders 4 H Club 5 p.m. — Karaoke winners perform 5 p.m. — Motorcycle show 5 p.m. — Bad of crowning 5 p.m. — Snokin Ham 6 p.m. — 50/50 raffle winner announced nnounced 9:10 p.m. --- Pick up contest entries t info booth 11 p.m. --- Rides and (estival closes

Monday, June 27

6 p.m. — New Royalty photos and meeting Tuesday, June 28

By appointment only, pick up emaining contest entries

Wednesday, June 29

By appointment only, pick up remaining contest entrics

Thursday, June 30 All cotries left will be discarded.



# **Reign as queen gives** countless memories

Skylar Stewart 2015 London Strawberry Festival Queen

Helloe Hello everyone, my name is Skylar Stewart and I am the 2015 Lon-don Strawberry Pestival

Queen. I have seen and learned so much throughout my travels as a representative of London and the Strawherry Festival, I have made berry Festival. I have made new friends, at e cotic food, won several goldfish and an able to say that I've seco pretty much the entire state of Ohio. I cannot believe the year has already passed, it seems like yesterday that was that nervous miet

I was that nervous quiet girl going through the girl going through the entire pagesat process.— the constant "Should I?," "Can I?" Picking out the perfect dress; so basically tearing apart every dress store, finally deciding that I'm going to do it and attending the informa-tional meeting, the scary but fun interview, and the stage portion of my lodg-ing, when I was nervous and anxious awaiting the and anxious awaiting the crowning. Every moment arcowning. Every moment-was nerve-wracking but I wouldri have changed it for the world. Those seconds of everyone star-ing and listening to you, your family yelling out your name and you feeling like you can do anything, are some of my most cherished memories that I have, especially when I have composibly the travel with an amazing court.

with an amazing court. My reign starled with a crown but ended with countless memories. I began traveling right away. Here are some e of away. Here are some of my favorite festivals 1 attended this year. Miami Yalley Steam Show, Jack-son County Fair, West Lawreth Homecoming, Lawrethwile Fireman's Old Time Restival, Annie Oak-ley Restival, Lexington Blueberry, Obetz Zucchini Fest Olio Sueis Indian Rest, Ohio Swiss, Indian Mound, Circleville Pumpkin Show and the Avon Duct Tape Festival. Each court welcomed the Straw court welcomed the Straw-berry Festival Royalty with the upmost respect and kindness.

I never knew waking up early and riding in the car for countless hours would be this fun. But it



2015 London Strawberry Festival Queen Skylar Ster

I Quasa Siyis Starting to the sisters. To my little broth-er Jazson, thanks for wak-ing up early and not mind-ing staying in a car seat for hours upon ead. Thank you Grandma Lesilie for doing my hair and coming to see ne whenever you could. Grandma Chapin you are a superhero. There is nothing you can't do! Aunts, uncles, and cousins thank you for cheering me on and spending countless hours making memories, as you made my huncheon possible. To my grandpa up in heaven, although you didn't see my year 2005 Loodon Strambary Festiva turns out it was all worth it. I got to travel with my number one fans my mom and my little brother Jasson. There are a lot of people I would like to thank for making this year the best. First I would like to thank the London Strawborry Resirval Baref Strawberry Festival Board for all their hard work and for all their hard work and the Strawberry Festival for giving me this incred-ible opportunity. Next, I would like to thank all of our sponsors for their con-tributions. I want to thank Holly and Kevin Stockham for their dedication to the pageant and the court. I would also like to thank Cien Bierbauwh and the you didn't see my year through, I know you were always there looking down on me. Thank you for would also like to thank Ciera Bierbaugh and the court parents for their cou-tinuous support through-out the year to make the festival better. My court consists of some amazing young ladies and 1 wish you all the best. The Pcy-ers: Dan, Rihan and Brnily, thanks for letting me ride Chief in dhe parate and for being my second family. Last but not least 1 want to thank my fam-ily for supporting me in on mic. Thank you for always being there and supporting me in every aspect of my life, TI never forget everything you did for me. I will be etenally grateful for such a fantas-tic and supportive group of family and friends who always encouraged me. Por my fature, I plan to graduate from Madisson-Plains High School in two years and continue my

years and continue my education into a universi want to trank my ram-ily for supporting me in all of my endeavors. My family: Grandma Leslie, Grandma and Grandpa Chapin, mom, dad, Salena, Savannah, Jaxson, Aunt education into a university majoring in animation and majoring in animation and minoring in art. I would like to work at Disney or DreamWorks one day creating movies that will shape the work! I would like to end my reign with a Walt Disney quote: "Around here, however, we don't hook bacdwards for very long. We keep moving forward, opening Savannah, Jaxson, Anut Brandy, Aunt Angie and my cousins. Thank you all for helping me achieve all of my goals as queen. Mom and fad, you put up with my grumpy attitude, bought me tons of dresses (areas when dod unce) (even when dad wasn't always on board), drove me all over and took care of everything that was needed. Salena and Savan-

nected. Salena and Savan-nah my two favorite sis-ters, thank you for being my role noodels through-out the years. You inspired me to try out as queen and always helped when I needed a hand. I am so proud to call you both my

**Kiddie Tractor Pull slated for Friday** 

A Kiddie Tractor Pull will take place at 7:30 p.m. on Friday, June 24 during the London Strawberry Res-tival at the Huntington National Bank andring National Bank parking lot, 61 S. Main St., London.

Registration will begin at 7:30 p.m. Participation ribbons and trophies will be awarded. Categorics will



facebook.com/john ala peho

## LEGAL NOTICE

LEGAL NOTCE: The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in case No. 167-328 EL-POR, In the Matter of the Application of Ohio Edison Company, The Clevieland Electric Illaminating Company, and The Tokolo Edison Company for Approval of That Elenger, Station of the Tokolo Edison Company for Approval of That Elenger, Station The application was filed number of the Cleviel Cleviel Cleviel Code and Rules 49011-3940 through 07 of the Orko Administrative Code (OAC). The companies are seeing PUCO approval of various proposed plans to increase energy efficiency by their austorners and to rockice energy usage by their customers during times of peak demand. The PUCO has scheduled a public heating to consider the matters raised in the companies' application. The heating will commence on July 25, 2016, at 1000 a.m., at the offices of the PUCO. 180 E. Broad Street, 11th FIOC, Heasing Room 11-4, Columbus, Ohio. Further information may be obtained by contracting the Public Nities commission of Ohio, 100 East Broad Street, Columbus, Ohio 4215-3783; by railing the PUCO hotine at 1-800-688-7828; or by going to the PUCO weaks at www.pucco.nbi.org.wieldcing DIS, and externing a case number referenced above.



AFFP Page 3 First Engery

74 14

**Affidavit of Publication** 

STATE OF OHIO } COUNTY OF DELAWARE }

SS

nulinulinuli

J Cassan, being duly sworn, says:

That she is Ad Clerk of the Delaware Gazette, a daily newspaper of general circulation, printed and published in Delaware, Delaware County, Ohio; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

June 22, 2016

That said newspaper was regularly issued and circulated on those dates. SIGNED:

Ad Cleri

Subscribed to and sworn to me this 22nd day of June 2016.

Diana J DeWeese, Notary Public, Delaware County, Ohio

My commission expires: August 20, 2019

\$ 125.60

40013876 40890377

Kathy Alexander FIRST ENERGY MEDIA 56 MILFORD DR **STE 100** HUDSON, OH 44236



Issue 147, Voluine 198 on the north side of West William Stree weets are served immediate after the performance 50 years of marriage celebrated NEWS · 2 (free! Local news. Local views. **laware** PUCO approval of various proposed plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2016, at 10:00 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio, Further information may be obtained by contacting the Public Utilities Commission of Ohio, 180 East Broad Street, Columbus, Ohio 43215-3793; by calling the PUCO, hotline at 1-800-886-7826; or by going to the PUCO, website at www.puco.ohio.gov. Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2019. The application was filed pursuant to Section 4928.66 of the Ohio Revised Code and Rules 4901:1-39-04 through 07 of the Ohio Administrative Code (O.A.C.). The companies are seeking The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-743-EL-POR, In the Matter of the Application of Ohio Edison JEGS SPORTS • 9 Norwalk rolling into Breaking news at delgazette.com Wednesday, June 22, 2016 • 75 cents

PAGE

m D 

# 1475

# THE BLADE

## AFFIDAVIT OF DISTRIBUTION

STATE OF OHIO,

COUNTY OF LUCAS,

I, <u>KIMEN / CZyby /S/L</u> duly sworn on oath says he/she is and during all times herein stated has been the publisher of the publisher's designated agent in charge of the publication known as

The Blade ("Publisher") has full knowledge of the facts herein stated as follows:

Subscribed and sworn to before me

this 22nd day of June, 2016.

Notary Public

Notary Seal:



. CRENDUM IS THURSDAY

.GE 2

# Lawmaker died for E.U. views, widower says Brits don't quit, Cameron asserts

#### REUTERS

REURES LONDON — Lawmaker Jo Cox, who was shot and stabled a week before Brit-aln's referendum on Euro-pean Union membership, died because of her political views and had heen deeply roubled by the tone of the campaign, her husband said Tuesday. British Prime Minister David Cameron appealed to

David Cameron appealed to voters across the generation gap to back staying in the European Union, two days before a referendum that will

shape the future of Europe. The murder of Ms. Cox, a 41-year-old mother of two

Internative of miss Cost, a 41-year-old mother of two young children who was an arden supporter of E.U. membership, shocked the country and changed the tone of a caustic campaign that has polarized Britons. "She had very strong polit-cal views and I believe she was killed because of those views," her husband, Bren-dan Cox, told broadcasters. "She died because of those and she would want to stand up for those in death as much as the did in life." It was unclear how his words might influence voters.

words might influence voters. Ms. Cox had been worried

HOLIDAY

RETIRENENT

about Britain's political culabout Britain's political cul-ture, including a coarsening of language and people tak-ing more extreme positions, he said. She was also concerned about divisive politics

Britons vote on Thursday on whether to quit the 28-na tion bloc amid warnings from world leaders, investors, and companies that a decision to leave would diminish Brit-ain's influence and unleash nurnoil on markets. In an address outside his

Cameron hammered home his message that leaving the European Union would jeop-ardize Britain's economy and its national security, with fewer jobs, fewer allies, and history process

fewer Jobs, fewer alles, and higher prices. Bris don't quit," he said, using the official backdrop to make a direct pitch to older voters considered more skep-tucal and more likely to vote. "It will just be you in that polling booth. Just you, tak-ing a decision that will affect your future, your grandchildren's future, "At Cameron said. He made his remarks as an opinion poli showed a virtual de on the referendum.

**Alexis Gardens** 

Toledo, OH

419-434-1244

 $\Lambda$ 

Independent Retirement L

Join us for our Senior Wellness Fair! June 23 - 10 am - 3 pm Call today to RSVP!

THE AMERICAN LED ZEPPELIN

at Centennial Terrace

SAT • JULY 9 • 8 PM

TO ENTER GO TO: TOLEDOBLADEREVIAROS.COM/CONTEST

DEADLINE TO ERITER: NOON, JUNE 30, 2016

THE BLADE

2 TICKETS

5 2

globally.

toledoBlade.com

Downing Street office, Mr. Cameron hammered home

1 

## Only 33% of Fallujah cleared of ISIS, U.S.-led coalition says Iraq declared victory, but militants keep fighting

SSOCIATED PRESS

ASSOCIATED MESS BAGHDAD — Only a third of Fallujah has been "cleared" of the Islamic State in frag and Syria, the U.S.-led coali-tion said Tuesday. The Targi government de-clared victory days ago in the city west of Baghdad, which was held by the extremises for more than two years. Other parts of the city are "contested," said U.S. Army Col. Christopher Garver, the Baghdad-based spokesman for the coaliton, with clashes under way between Iraqi forces and ISS fighters. Most of the deared terrain is in the south of the city. Iraqi forces pushed into the enter of Fallujah on Friday

trolled 80 percent of the city. Iraql Prime Minister Haider al-Abadi said Friday that Fai-lujah had "returned to the embrace of the nation," and that remaining ISIS pockets would be "cleaned out wichin hours." But in recent days there have been persistent clashes between Iraqi forces and ISIS fightners in dense residential neighborhoods along the city northern edge. Iraqi special forces backed by U.S.-led airstrikes have taken control of the neighbor-hoods of al-Shurta and al-

taken control of the neighbor-hoods of al-Shura and al-lughaff, General al-Obeid said Tuesday. He said Iraqi military engineers were clear-ing the streets and buildings of hombs. The top special forces com-mander for the Fallujah oper-ation told local al-Sumaria TV late Monday that the offer-strekilled 2,500 ISIS fighters. Lt. Gen. Abdul-Wahab al-Saadt offered no evidence to back up bla stahu Iraqi twoops have not disclosed their losses in Fallujah. The operation has fueled an exodus of thousands of families, overwhelming camps for the displaced. The U.N. refugee agency said Tuesday that more than 55000 people have fled the Fallujah area since the offen-sive began.

sive began.

In Geneva, Russia called for the resumption of peace talks that collapsed in April.

GENERAL INFO MAIN HIMSER: 419-724-5000 MAILING ADDRESS: 541 North Strart Toledo, Dhio 43000 WEE: Voldobledo.com President/Userani Nanager:

PLACE & CLASSIFIED AD:

419-724-0300, CMLINE: toledotiada.com/da FAX: 419-724-6438 CMSPLAY: AD: 419-724-6330 FAX: 419-724-6433 FAX: 419-724-6442

Allen Block Chairman

General Manager

President/Gene 419-724-6217 Asst. to Genera

# ISIS regains areas lost to Syrian troops have been killed so far, in-cluding 21 since Sunday. The Observatory said 1S15 has brought some 300 fighters from Raqqa. Meanvhile, fighting be-tween rebels and government forces continued around the northern city of Aleppe and its outskins. Opposition me dia outles published videos purportedly showing atr dropped incendiary cluster munitions on civilian areas in the countryside. The activists said the munitions, which of ten can cause fatal burns, were dropped by Russian jets, hough this was unclear in the videos.

ASSOCIATED PRESS BEIRUT — The Islamic State in Irag and Syrta has re-taken large areas in the north-em Syrtan province of Raqqa that it recently lost to govern-nett troops, opposition ac-rvists said Tuesday. Syrtan noops have been on the offensive for nearly three weeks and had approached to within four milles of the Tabqa air base near Raqqa dity, the de facto capital of the ISIS solf-declared caliphate. But the Britain-based Syr-tan Observatory for Human Rights said Tuesday and guper province since they began province since they began province since they began their offensive on June 2 and that roops have been pushed back to about 25 miles from Table.

since the offensive began. It added that 126 ISIS militants

back to about 25 miles from Taboa. ISIS has been under pres-sute in haq, Syrta, and Lbya in recent weeks, but the gains in Raqqa show it still can take on Syrtan troops backed by Russtan warplanes. The extremist group has used suicide bomblings to break through its opponents' ranks.

The Syrian government has not had a presence in Raqqa

# LEGAL NOTICE

The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-743-EL-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Efficiency and Peak Demand Raduction Program Portfolio Plans for 2017 through 2019. The application was filed pursuant to Section 4928.66 of the Ohio Revised Code and Rules 4901:1-39-04 through OT of the Ohio Administrative Code (C.A.C.). The companies are seeking PUCO approval of various proposed plans to Increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing to consider the matters raised in the companies' application. The hearing will commence on Juty 25, 2016, at 10:00 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio, Further Information may be obtained by contacting the Public Utilities Commission of Ohio, 180 East 1-800-686-7826; or by going to the PUCO website at www.puco.ohio.gov, selecting DIS, and enlaring a case number referenced above.

since August, 2014, when ISIS captured the Tabqa air base and killed scores of captured government soliders. The provincial capital, Raqa, was the first city to fail to ISIS. The ISIS-linked Aamaq news agency posted a video showing the extremists in control of Thawra oil field as warplanes strike nearby. Government forces had seized the field on Sunday only to lose it hours later. Embedded with the army, Syrian journalist Eyad al-Ho-sain wrote on his Facebook will come back." He said the march toward Tabqa will take an "max dimensions".

will come back. He said the march toward Tabqa will take or "new dimensions." The Observatory said 40 troops were killed over the past two days, raising to 93 the number of troops killed shot the offensive began. It

THE BLADE\*

USPS 550-220) ESTABLISHED 1636 Vol. 188 --- Ho. 174 Published daily and Sunday by The bledo Blade Co., Toledo Ohio 43980. Periodicals postage prid at Toledo,

etmater" send address chan a Blade, P.O. Box 921, Toledo, 1997-0921, Mail Subscription

CITY ZOKE HOME DELIVE

Jmly (Mon-Set.) Daily and Sundary O Day Weatand (Thu-Sun) J Day Weatand (Thu-Sun) Day Weatand (Sundary) 7 Day Electronic Edition \$29.04 \$58.96 \$45.75 \$42.79 \$42.99 \$42.90 \$42.90 N RATES 11 Mari elly (Mon.-Set.) elly and Sunday \$22.34 \$82.37 \$48.07 \$43.76 \$43.76 \$44.00 \$44.00 \$44.00 s sundary seltand (Thur-Sun) seltand (Thurs, Fri, Sun) seltand (Sat & Sun) seltand (Sun) actronic Edition Suggested delivery deadlines are 8 e.m. lon.-FriL, 7:30 a.m. SetL, Sun. & holidays 

#### THE WORLD BLADE NEWS SERVICES

THE BLADE: TOLEDO, CHIO & WEDNESDAY, JUNE 22, 2016

U.S. envoy tries to aid Venezuela food crisis

CARACAS --- Top diplomatic officials from the United States officials from the United States and Venezuela met Tuesday against a backdrop of food protests and a campaign to re-call unpopular President Nico-las Maduro. Senior U.S. diplomat Tom

Shannon flew into Caracas after weeks of looting and hun-ter weeks of looting and hun-ger riots rocked the country, leading to hundreds of arrests and several deaths.

and several deaths. State Department spokes-man John Kirby said Mr. Shan-non hoped to foster dialogue about the social, economic, and political challenges facing the socialist country.

#### Former V.P. sentenced for Africa war crimes

PARIS — A former vice pres-ident of the Democratic Re-public of Congo, Jean-Pierre Bernba, was sentenced Tues-day to 18 years in prison for crimes against humanity and war crimes.

crimes against humanity and war crimes. The actions were committed by militamen under his com-mand during four months of noting, rape, and muder in the Central African Republic. Bernba was convicted even though he was far away from the militä fighting under his orders and was not present during any of the war crimes. The court in The Hague said he was culpable because of his command reponsibility. Remba, 53, was a business-man and scion of a prominent Congolese family before rising to the vice presidency.

#### Palestinian teen killed by Israel accidentally

by Israel accilentally JERUSALEM — Israeli troops shot and killed a 15-year-old Palestinian early Tuesday in the Wess Bank and wounded four others in what the army said appeared to be an accidental shooting. The military said solders opened fire at a group of Pales-chinans who were huuling stones and firebombs at cars on a West Bank highway. O West Bank highway. O West Bank highway.

Officials said four others were wounded, including two of the boy's brothers.

#### Correction

Due to incorrect information supplied to The Blade, a story on Page B1 Tuesday about the University of Toledo's 2017 fis-cal year operating budget in-cluded the incorrect number of senior administrators whose of senior administrators whose 2 percent pay raises will be de-ferred until January, an in-crease contingent on fall en-rollment growth. The correct number of affected senior ad-ministrators is 14.

number of affected senior ad-ministrators is 14. Blade ombudsman Jack Lessenberry wants to re-spond to reader questions about fatrness and accuracy in the way this newspaper covers the news. Call i-488. 746-8610 or email OMBLADE@sol.com.

#### HOW TO REACH US

ral Manager: 410-724-6216 AND TO SUBSCRIBE 419-724-6300, FAX: TO SUBSCRIBE: 419-724-6300, FAX: 419-724-6368 OUT OF ANRA: 800-245-3317 BLADE IN EDUCATION: 419-724-6157 For same day in-dalwary plasse call 419-724-6300 betwe 10 m.m. daily and by 11 m.m. Surday. FAX: 119-724-5442 CUSTOMER CARE CENTER OPEX Honday Bru Friday from 520 am to 2 p.m., Salurday and Eurolay 720 am to 1130 am + 419-724-500 BILINO SPECIALISTS: Konday Brugh Friday from 8 am, to 2 p.m. EXTRAS BACK ISSUES: 419-724-8268 PHOTO REPRONTS: 419-724-6300 REPRONT PERMISSION: 419-724-6127

#### THE BLADE

John Crisp, Vice President-New Made Dick Faller, Director-Circulation Mille Mort, Director-Sales & Markeling William G. Nolas, Director-Atman Reso & Labor Relations William A. Southern, Director-Fanacol Information Techna Joseph H. Zerbey, IV President -

néighborhoods along the city e northerm edge. What it looks like is lan ISIS] defensive belt around the city with not as stifi de-fenses miside. Colonel Garver said, explaining that as land forces move out from the city center they may encounter more resistance. That could be their ough-est ighting." he said. Iraqi commanders ay their forces continue to make prog-ress and have killed hundreds of militants. is in the south of the city. Iraqi forces pushed into the center of Fallujah on Friday, retaking a government com-plex and the central hospital. That evening Brig. Gen. Haider al-Obeid, with Iraqis special forces, told the Associ-ated Press his troops con-

India's Prime Minister Narendra Modi practices yoga with a crowd of 30,000 children and residents of the city of Chandigath on International Yoga Day. Last year, the United Nations proclaimed June 21st as the International Day of Yoga. Thousands of people across India and millions more across the world look part in the celebration on Tuesday.

# 1 Ż

**MILLIONS STRETCH FOR INTERNATIONAL YOGA DAY** 

WORLD

.o 10:21AM

No. 1712 P. 1

1476

Sentinel-Tribune

(419) 352-4611 Toledo Toll Free (419) 385-7311 PO Box 88, Bowling Green, OH 43402 Fax 419-354-0314 FAX TØ: FROM: The State of Ohio County of Wood, SS. **Certificate of Publication** an advertising representativ of THE SENTINEL-TRIBUNE, a newspaper published and of general circulation in the Circulat of Bowling Green and in the county of Wood, State of Ohio, being duly sworn according t law, says that a notice, a true copy of which is hereto attached, was published in said pape on above Sworn to and subscribed before me this  $\underline{23}$ day of NOM roman Notary Public, Wood County, Ohio Total \$ SUSAN BUSINGER Notary Public, State of Ohio My Commission Expires May 23, 2018 B

# COMMUNITY

#### BRIEFS

Melissa Miller talks campaign finances at Kiwanis meeting

finances at Kiwanis meeting Campaign finances in the modern era is the pro-gram topic at Thunday noon's Bowling Green Kiwanis meeting at Stone Ridge Golf Club. Dr. Mellissa Miller, an associate professor in the Bowling Green State University department of political veince, will present the program entitled "Inside the Money Machine". Miller has taught at BGSU for 11 years and has degrees from Cornell BGSU for 11 years and has degrees from Cornell University, Harvard University and Northwestern University.

Father's Day dance is Friday HOLLAND — A Father's Day celebration is the theme of the Glass City Singles Dance on Friday at Holland Gardens, 6330 Angola Road, Doors open at 7 p.m. and the dance goes until

n

For more information visit www.toledosingles. com or call 734-856-8963,

## Cake decorating contest opens

At Way in honor of Bicentennial PERKYSBURG – Way Public Library announce its Ard Annual Cake Decorating Context. Contestants can check out a cake pan from the library's Baker's Way cake pan collection and submit a 5 x 7 color photo of their decorated cake.

Way cake pan collection and submit a 5 x 7 color photo of their decorated cake. Cakes can be baked and decorated any time from now until the photo entry submission dead-line of July 11. Cakes can be for any occasion (birthday, graduation, Memorial Day, Father's Day, summer, Fourth of July, etc.). Photos of the cakes will be on display in the library from July 14-30, and parons can vate for their favorite cake. Prizes will be awarded in five different catego-ries: adult, family, teen, youth and. new till syear, Perrysburg's Bicentennial. There will also be a Judges' Choice award, chosen by a panel of guest judges. Winners will be announced at a reception at the library at 2 p.m. on Aug. 3.

bugs, whiles will be another as a reception at the library at 2 p.m. on Aug. 3. Visit the library, or check the website at wayli-brary.info for more information, contest rules, or to submit an entry online

Ride a train in Findlay FINDLAY — A family fun day will be held Saturday from 9 a.m. to 4 p.m. at the Northwest Obio Raitboard Preservation inc., 12505 CR-99. There will be train rides, children's games, a food tent, gospel music groups, vendors and baked

Proceeds benefit the Hancock Gospel Pavilion

For more information call 419-423-1725 or email Kimberd44@aol.com.

#### **Enjoy Sharing Hands meal**

LUCKEY — Sharing Hands will serve the monthly free meal on Monday at the American Legion Post 240, 335 Park Drive, from 5:30 to 6:30

p.m. Carryout meals are available, as are home-Carryout meals, for home delivery, call Tress Wilker at 419-308-0536 or the Legion Hall at 419-833-3581 by 6 p.m. on the evening of the meal. Everyone is invited.

Are you prepared for disaster? PERRYSBURG — Way Public Library, 101 E. Indiano Ave., welcomes Sam Marsh on Monday at 7 p.m. for a presentation on disaster preparedness. Marsh will lead a program that ducates the public on being prepared in the event that on emer-gency or disaster strikes an individual, family, or

gency or disaster strikes an individual, lumity, or community, Marsh is the current Community Preparedness Educator for the four-county region of the American Red Cross of Northwest Ohio. The four counties he serves are Lucas, Wood, Sandusky and Ottawa. His service is under the umbrella of Americorps. Admission and refreshments are free of charge.

#### Men's coffee group meets

LUCKEY - A mea's coffe group will meet at the library, 228 Main St., every Monday at 9:30 a.m. No registration is required, just show up for some coffee and laughs. Shoot the Bull goes until 10:30 a.m.



## LEGAL NOTICE

LECGAL INDUICE The Public Utilities Commission of Ohlo (PUCO) has scheduled a public hearing in Case No. 16:743-8E-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Totelo Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2018. The application was filed pursuant to Section 4928.66 of the Ohio Revised Code and Rules 4901:1-39-04 through 07 of the Ohio Administrative Code plans to increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies application. The hearing will commence on July 25, 2016, at 10:00 a.m., at the offices of the PUCO, 160 E. Broad Street, 11th Roor, Hearing Room 11-A, Columbus, Ohio, Turther information may be obtained by contacting the Public Utilities Commission of Ohio, 180 East Broad Street, Columbus, Ohio 43215-378; by calling the PUCO holine at 1-600-686-7628; or by going to the PUCO website at www.puco.chio.gov, selecting DIS, and entering a case number referenced above. nera nies

92 ٢. 1.3 Acres AND S Ř

Sounds of the summer

Catherine Lewis gives a cue to the BG Community Band during a "Wizard of Oz" medley at a concert held in City Park on June 12. Sunday's show will feature Kerry Patrick Clark & Band, starting at 7 p.m. on the Needle Hall stage.

## When it comes to topography ... flat is where it's at

RAU

One of the absolute perks of summer in north-west Ohio is sky gazing. Unlike states with those intrusive mountain views

would be no converging of "Do you remember nothin". Your reds and ycars ago we had a friend oranges would run smack move here from the hills of dente would run smack move here from the hills of dente for the remevity and a for dab into solid granite. Your Pennsylvania and for crimsons and pinks would weeks she cried because collide upside a limestone she missed her mountain RAUL

Unlike states with those intrusive moutain views or metropolitan skylines, in aur little corner of Ohio there is nathing between us and a gorgeous sunite or stat. "Honey," the wife stat of me as we stat on the pation that sunset? "The confluence of oranges and reds, the wife stat or was about this spectace-und purples, the majestic cumulous clouds content in where it's at." "Here is where it's at.". "Here is where it's at.". "Here is where it's at.".

#### Bike to the Bay pedals off at Owens

Bloomdale

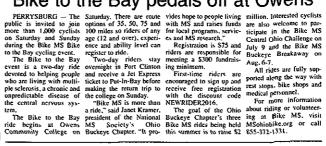
#### Women vets invited on special Honor Flight

A credit card fraud incident was reported by a total Perrysburg resi-dent. A breaking and enter-ing incident was a fore-closed property was reported in the 500 block of North Main Street, Bloomdate Three boys reportedly rang the doorbell of a residence in the 10000 block of East First Street,

Radolph, and threw a "smoke bomb." Damage was reported to the door.



Special norrow of the second s



4987, Dication deadline for this special flight is July 11 and the applications with be processed in the order received. Selected veterans will be notified by July 30. Applications by non-WWI and Korean veter-ner to evolution by house the

ans are not guaranteed to be selected on this or future

#### STATE OF OHIO COUNTY OF WILLIAMS

Christopher Cullis being first duly sworn, says that he is the President of The Bryan Times, a daily newspaper, published and of general circulation in the county of Williams aforesaid, and that the annexed notice was published one issue in said paper, on the 22nd day of June, 2016.

Christopher Cullis

**Christopher Cullis** 

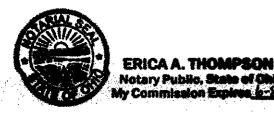
Subscribed and sworn to before me this 24th day of June, 2016.

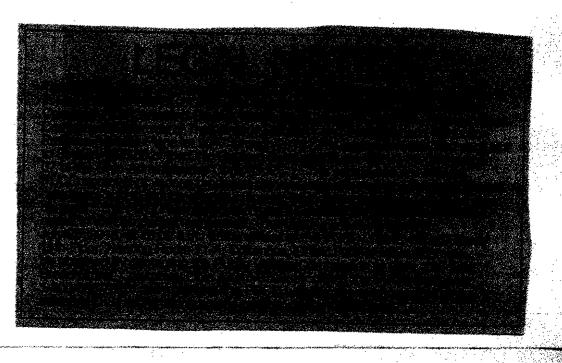
Lica a. It VOM On Notary Public

Erica A. Thompson

PRINTER'S FEE, \$96.00

NOTARY FEE, \$1.50





#### OBITUARIES

Garnett L. Smith (1923 -- 2016)



Garnett L. Smith, 93, of West Unity and formerly of West Unity and formerly of Pioneer, passed away Mon-day morning at Defiance Area Inpatient Hospice. He was born on April 3, 1923 in Defiance County to John M, and Cleo M, (Walter3) Smith. He graduated from Pioneer High School in 1941. Gar-will served bic country in



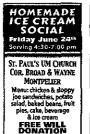
and she survives.

Garnett was a tucmber of Crossroads Evangeli-cal Church in Wauscon, He cal Church in Wauscon. He was a former member of the Silver Creek Church of the Brethren. In 1985 Garaett retired from Dayton-Wal-ther Corp in Fayette. He was also a Bridgewater Township farmer

He is survived by his He is survived by mis wife, Eloise, one daughter, Elaine (Marc) McBride of Defiatec, one son, Dick G. Smith of Jackson, Michigan; three stepdaughters, Judy (Bill) Overmier of Archbold, Barb Weis of Wausson and Susie (Sbane) Kreffl of Granife Floir Susie (Shane) Krafft of Gra-bill, Indianu; two grandchil-dren, Judson (Kathryn) Mc-Bride and Kaycie McBride; two great-grandchildren, Jordyn aud Rylan McBride; two stepgrandchildren, Candace Overmier and Michael (Sarab) Overmier; and two stepgreat-grandchildren, Kane and Wyatt Overmier. Garnett was preceded in

death by his parents; first wile, Audrey (St. John) Smith: one sister, Asita Walker; and infant brother, Marvin Smith

Visitation for Gamett will be from 4-7 p.m. on Thurs-day, June 23 at the Thomp-son Funeral Home on Main Street in Montpelier. Services will be at 11 a.m. on Friday at the funeral home with the Rev. Matt Boyers to officiate. Interment will th the Rev. Man. officiate. Interment will llow at Floral Grove Cem-Woncer with military elery in Pioneer with military rites provided by the Pioneer Veterans, Memorial convibutions may be given to Genesis Activity Department or Crosscoads Evangelical Church. Condolences can be Church. Condolences can be left for the family at www. ralbome.



CARRYOUTS AVAILABLE

#### Industrial park has wetlands By MAX REINHART the property is in line with state and federal regulations

einhart@bryantimes.com A recent study found the veloping Bryan Industrial

BOARD OF PUBLIC AFFAIRS

say it should no

GUN CONTROL

legislation.

for the cit

property that qualifies as a wetland. A number of factors are considered when determin-ing wetland status, including whether and how often the Park north property includes a wetland, although officials affect the city's ability to find tenants

whether and how often the land in question holds water, plus ecological factors in-cluding soil makeup and ex-isting plant and animal life. Cartin said the study was commissioned as part of an effort to get the industrial park on the state of Ohio's list of top sites for compa-nies to set up shop or re-lo-cate. Bryan Municipal Utilities Director Brian Carlin said at Tuesday's Board of Public Affairs meeting that Mau-mee-based firm Mannick & mec-based firm Mannick & Smith recently completed a wetlands study at the 80-acre industrial park located on the south side of County Road E, on the northwest edge of terms

a wetlands study at the 80-arc industrial park located cate. on the south side of County Road E, on the northwest edge of lown. Carlin said the firm found an area less than four acres. in the northeast corner of the

e property is in line with the and federal regulations ararding wellands. Separately, Carlin said As for use of the site, the site, such that is and the site, set the site, the site, set the site, set the site, the site set the site, set the site, the site set the site, set the site, the site set the site, set the site s rega

As for use of the site, Carlin has some ideas. For instance, the city could install solar panel on the weddand to generate en-ergy, or it could stodify the size of one or more of the size of one or more of the size of one or more of the wire assimomentally com-

"We can show companies we're environmentally con-scious," Carlin said "This can be a solling point." The site still comains multiple 20-acre blocks as originally intended. In regards to finding ten-ants, Carlin said he had heard "through the senservine" that

"through the grapevine" that there have been some "drive bys" at the location, meaning

## **GOP Senator considers compromise**

CINCINNATI (AP) — Ohio's Republican U.S. senator expressed interest Tuesday in a compromise gun control measure being offered in the aftermath of defeats this week of other teritative togistation. Note of our Registration. Rob Portman said he hadn't seen the foul lan-guage in Maine Republi-can Sen. Susan Collins' bill meant to block guns from suspected terrorists. Locked in a tight race for re-elec-tion, be was criticized by Democrats for his votes Monday against broader gun control measures. T'n very interested in finding common ground here because I do think there is a consensus snow among

Sen. Rob Portmen, Rohio, talks to reporters on Capi-tol Hill, Monday in Washing ton, AP Phyto/Yean Wred ton, AP Photo/Evan Vucc

but second, that there needs to be a true due process to be able to determine whether you're properly on the list." Collins' measure would is a consensus now among Democrats and Republicans for two things," Portman told reporters. "One, that any known or suspected ter-rorist should not get a gun, Collins' measure would let federal authorities bar gun sales to two groups: the no-fly The roof has deteriorst-ed due to numerous leaks, damage and repairs over the years and this past wister's wetter than-usual condi-tions exacerbated the issue. The project cost is \$62,820. Carlin said BMU will also likely need to re-place damaged ceiling tiles "We've borrowed from every closet we have here."

THE BRYAN TIMES

every closet we have here, he told the board Tuesday.

list with 81,000 people and the selecter list with 28,000 people. Selecters can fly after unusually intensive

If improve background checks, while voting against Dem-ocrat-sponsored measures including one to close a gun show loophole on purchases. His Democratic challeng-er, former Ohio Gow, Ted Strickland, said Portman failed a test of leadership. "This wasn' a mountain screening. Under her proposal, Americans denied guns Americans denied guns could appeal to federal courts. The FBI would be

courts. The FBI would be notified if someone who's been on the broader terror-ist watch list in the past five years buys a gun, but could not stop the purchase. not stop the purchase. The gun control issue has heated up again in the after-math of the Orlando night-

main of the Oriando might-club shootings. Portman on Monday voted for a National Rifle Association-preferred bill to deny a sale to a known or suspected terrorist, but that required convincing a judge within three days that the would-be buyer was involved in termisin He also backed a bill meant to

"This wasn't a moment for D.C. double-speak or watered-down bills," Strick-land said in a statement. A Strickland spokesman said the candidate would have voted for the two Dem-

Strickland's Democrat-ic primary opnoen had highlighted the former congressman's past high NRA approval ratiogs. Strickland's campaign said he began changing his po-sitions on gun control af-ter the Sandy Hook school choosites and other mass shootings and other mass slayings

agriculture and natural re-sources educator for the Williams County Ohio State University Extension Office, said farmers could use them

Said farmers could use users for scouling purposes in crop fields. "What they might see is the corn isa't as high (in some areas) as other parts of the field. That would be of the field. That would be an area you'd go check," he said. "You get a little idea of wet spots by flying over." Chirra was unsure if there were local farmers in-

terested in utilizing drone

terested in utilizing arone technology. "We are part of a new era in aviation, and the potential for unnawned aircraft will make it safet and easier to do certain jobs, gather infor-mation and deploy disaster relief," said U.S. Transpor-relief," said U.S. Transporrener, said U.S. Franspor-tation Secretary Anthony Foxx in a release. "We look forward to working with the aviation community to support innovation, while maintaining our standards as the safest and most complex airspace in the world.

#### Plant

(Continued from Page A1) June 2 for the plant, locat-ed on the Captain Anthony Meldahl Locks and Dam on the Ohio River. The plant is

expected to provide between 80 and 100 years of service. The 10-story tall plant, with nine of those levels unwith nine of those levels un-derground, can produce up to 105 megawatts from its three 35-megawatt units. 114,389 cubic yards of concrete and nearly 13 million pounds of steel were used to construct the plant. It is the largest hy-droelectric power plant on the Ohio River.

the Ohio River. At peak capacity, around 8.6 million gallons of water about enough to fill 13
 Olympic-sized swimming pools — will pass through cach unit every minute.

2

-

7

.503

REPAVING PROJECT Edon board discusses parking lot, special education classes

He does not want to do that.

LEGAL NOTICE

By LIICAS BECHTOL bechtsiebtyantimes.com EDON — The Edon Norththe project. To accomplish this, he said the district will not purchase ELON — The Education North-word Local Board of Education discussed the repaying of the school's parking lot and ers-ation of a middle school class for students with multiple dis-abilities at Tuesday's meeting. District Superintendent John Granger advised against reading the parking lot bis summer and recommended it wait used next vear. the distinct with not parchase any buses oerst spring. "We're in pretty good shape because we just bought two new oores, so our bus fleet is pretty good," Granger also Granger also discussed the idea of opening a class for su-deate with embinite directibilities

dents with multiple disabilities. "When students have multiple disabilities, you're only al-lowed to have a 60-month span

summer and recommended it wait upil next year. Instead of patching some now and patching some later, het's just get inrough this year." he said. "It's not going to look very pretty, but we can put some new lines on there." lowed to have a 60-month span in that class, so that five-year span once the kids get to sixth grade, sevenik grade, eighth grade, the kid can't be in the same room with the kindergar-ing class, the sixt ten class," he said

Granger said it would be best, instead, to fix all the bad dren in the middle school with multiple disabilities and, if they do not have their own program, those students will need to be transported to another school that does offer the program. spots next year and put a top coat on to make it look more

"I don't think we want part of it to be black and some of it black and (we should) at least have it uniform." he added

added, That will be a "pretty hefty chunk of change," Granger said, adding he wants to build up some money through the next year before bidding out



We're at an adv

for the class, he said. There will be one student ready for the program next year, with two more coming the year after, Granger said. There will also be students coming from other districts, 100 Also at the meeting, the

Also at the meeting, the board approved: • A transfer of excess mon-ey in the supply fund to the sal-ary fund. • The elementary school scoretary for 10 additional days to be are indexed by followed.

to be completed by July 31. • Approved supplemental contracts for the 2016-2017

Granger said there are chil-dren in the middle school with school year while also rec-ommending the athletic board define the position of weight

CORRECTIONS

adding that it would actually be The Bryan Times runs cor-ctions of all factual errors adding that it would actually be less expensive to host the class, "Other districts will bus to us and our bids can start in kindergaten and go all the way through and not be bussed to another district," Granger said. in this space. To report an er-ror, email news@bysatimes. com or contact Editor Richard Griffis at 419-636-1111. No errors reported today.

Thursday, June 23 5:00-7:00 pm Complete Menu tage be-FREE WILL DONATION FREE WILL DONATION 2000 Lutheran Church Construction 2010 & Clearo Road 2010 & Clearo Road 2010 & Clearo Road 2010 & Street & 1/2 takes south of Seperar ····· 201 1. Slate, Pioneer - 418-717-9120 VI-L-L-A-G-E 00 Market These Deals PIONEER 🖉 Are Monsterific) 🖉 Magt Specials Produce Specials DAILY DELI LUNCH SPECIALS (CONTRACT) Dell & Pre Pack Specials ...Ô Ø 20144 Daley / Frozen Specials e.88 Rods\_\_\_\_\_2/\$4.00 Postury Tossier\_\_\_\_2/\$4.00 Grocery Special Betty Grocker Bangel Juky Juka 64oz ee Le Meat & Cheese Trays Available!

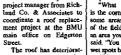
The Public Utilities commission of Ohio (PUCO) has scheduled a public hearing in Case No. 18-743-EI-POR, In the Matter of the Application of Ohio Edison Company for Approval of Their Energy Efficiency and Peak Demand Reduction Program Pontokic Plans for 2017 through 2019. The application was filed pursuant to Section 428:86 of the Ohio Revised Code and Rules 4901:1-39-04 through PUCO approval of various proposed plans to increase energy efficiency by their PuCO approval of various proposed plans to increase energy efficiency by their PuCO approval of various proposed plans to increase energy efficiency by their reastomers and to reduce energy usage by their outsioners during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commense on July 25, 2016, at 10:00 ami, at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio. Further information may be obtained by comacting the Public Utilities Commission of Ohio J00 East Broad Street, Columbus, Ohio 4215:3739; by calling the PUCO hotine at 1-400-6867-286; or by going to the PUCO website at www.pucco.hio.gov, selecting DIS, and entering a case number referenced above. URE COLD BEER & A HOLE RELECTION OF WINE R FOLLOWING ARE CENTS OFF PER INDUPER GALLON (UP TO ) PEDERM AD PROVIDER MAIN STOP OF JUST CARRY CUT REWARD YOURSELF) 忙

SERVICE WITH A COMPACT OF COMPACT DEDITIN AT EXCHANGE PROVIDER MAIN STO



ocrat-sponsored bills. Strickland's Democrat-

Annual ka Green Sodal



Drone

# **The Crescent-News**

4

624 WEST SECOND STREET, P.O. BOX 249 DEFIANCE, OHIO 43512 PHONE: (419) 784-5441 / FAX: (419) 784-1492 1478

## Affidavit of Publication

Order: 7478 Placed by: First Energy

This is to confirm that the ROP advertisment for **7478 "First Energy-Legal Notice Energy Efficiency"** was inserted in The Crescent-News according to the following schedule:

	10 C			
<u>Date</u>	<u>Ad Name</u>	<u>Size</u>	<u>Rate</u>	<u>Cost</u>
6-22 <b>-</b> 16	First Energy Legal Notice	3 x 3	\$12.75	\$114.75

Joson Holawill Confirmed by: NAME: \_\_

TITLE: \_\_\_\_\_Advertising Representative

DATE: \_\_\_\_\_June 22, 2016



KANDY S. GUILLIAM Notary Public, State of Ohio Ny Commission Expires January 29, 2018

1.0

Kandy & Gulliam

Sworn to before me and subscribed in my presence, this \_\_\_\_\_\_ day of \_\_\_\_\_\_\_ A.D., 20/6.

Notary Public commission expiring 1-29-18

# Portman considering gun control compromise

Bill to block weapons from suspected terrorists of his voir property on the list. The FBI would be notified in the aternation of the order terrorist weils of the source who's been on the broader terrorist weils of the source who's been on the broader terrorist weils of the source who's been of the broader terrorist weils of the source weils and the sentence who's been of the broader terrorist weils of the source weils and the sentence who's been of the broader terrorist weils of the source weils and the sentence who's been of the broader terrorist weils weils of the source weils and the sentence weils were source weils and the sentence weils were source including one to close the source and the sentence were were source including one to close the source of the source and the sentence were were source including one to close were including one to close were including one to close were source including one to close were solved in the sentence were source including one to close were including one to close were solved in the sentence were solved in the sentence were source including one to close were including

Strickland said in a state-ment. A Strickland spokesnan said the candidate would have voted for the two Democrat-sponsored bills. Strickland's Democratic primary opponent had highlighted the former congressman's past high NRA approval ratings. Strickland's campaign said he began changing his posi-tions on gun control after the Sandy Hook school shootings and other mass slayings.



Presumptive Democratic presidential stage during an address in Columbus nominee Hillary Clinton walks out on an Tuesday.

# **Clinton slams Trump in Ohio**

By MARC KOVAC SchloCapitalBlog

COLUMBUS

the same promises he made to his customers at Trump customers at Trump

<text>

# LEGAL NOTICE

LECGAL INCO TICE The Public Utilities Commission of Ohio (PUCO) has scheduled a public hearing in Case No. 16-7435-E1-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Toledo Edison Company for Approval of Their Energy Editency and Peak Demand Reduction Program Portfolio Plans for 2017 through 2018. The application was filed pursuant to Section 428-86 of the Ohio Revset Code and Rules 4901:1-39-04 through PUCO approval of various proposed plans to increase arenergy efficiency by their Customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commerce on July 25, 2016, plane Boom 11-A, Columbus, Ohio. Further information may be obtained by contacting the Public Utilities Commission of Ohio, 180 E Broad Street, Jobb Street, Columbus, Ohio 49215/393; by calling the PUCO hottine al 1-600-685-r282; co ty going to the PUCO website at www.pucc.ohio.gov, selecting DIS, and entering a case number referenced above.



1515 North Clinton Street, Deflance, Ohio 419-782-8015 or 1-888-782-9015 www.drivebobe

<section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>



LB, Herriandez - Losh Sobota Body Shop Managar - Aus start Mana



# PROOF OF PUBLICATION

State of Ohio, Henry County, ss.

Christopher Cullis, being dully sworn, Deposes and says that he is the Publisher of the Northwest Signal, a daily newspaper published in Napoleon, in said Henry County, Ohio, and of general circulation herein; that the annexed advertisement and notice was printed and published in said newspaper for \_\_\_\_\_\_ days/weeks, the first insertion being on the 22\_\_ day of \_\_\_\_\_\_ 2016 and for \_\_\_\_\_\_ consecutive days/weeks thereafter.

**Christopher Cullis** 

Subscribed to in my presence and sworn before me this 22 day of <u>June 3014</u>.

Peggy S. Woods, Notary Public My Commission expires: September 4, 2016

Notary Fees.....\$1.50 Printer's Fees.....\$ 92.2.5 staignal.ne

www.north

CARTAL CARACTERIZATION DATE:

#### **Village of Hamler**



ictured are Hamler Board of Public Attains meraber Bit Bernes (lett), Hamler Mayor Jef rubsker (middle) and Water and Waste Water Commissioner Tim Phillips (lett) looking over preiminary lyout design plan for the Village's new water plant earlier mits year. The plant is checklad to be completely finished by Dec. 31, 2017, which will be built behind the current ater bent beside the village municipal build ne.

# New water plant set to make progress

By GEOFF BURNS NWS Staff Writer HAMLER - The village HAMLER - in which is schedule to be com-

pleted by Dec. 31, 2017.

pletod by Dec. 31, 2017. During its meeting Monday night, Hamler Board of Public Affairs (BPA) was presented with a rough draft of a blue-print for the new water plant's design from Tom Borick of Dependence Decim Comm Poggemeyer Design Group.

According to BPA's new water plant schedule, it was water plant schedule, it was originally planned for the treat-ment plant to receive design approval by June 1, however Borck reported the plans will be sent to the Environmental Protection Agency (EPA) in approvingent by the theory approximately two-to-three weeks. He estimated a full water plant review would take

water plant review would take four-to-six months. Water and Waste Water Commissioner Tim Phillips questioned whether the delay in receiving design approv-al would force the scheduled project completion date to a lat-er date, to which Borck quickly

clarified nothing will chamge. The plans are in place where were getting close to send to the EPA," said Bord, difing the owwater plant will be taken out set to the EPA," said Bord, difing the new water plant will be subliching as well. Water quality should be sim-plant of the willage. Bordk said along with the new plant soft means cypanic static fitter was announced last Jurn the will are was not gorging of romanen new." Bordk said. The was announced last Jurn the will are was not gorging of the willage was not gorging of the willage was not gorging of the willage was not gorging the willage was not gorging the will be the board of public affairs decided to take the router of blanting is own water plant, the gord to take the router with any colder called public affairs decided to take the router of blanting is own water plant, the ordige was not gorging the routing water at a cost of 18. Imillon, and the vallage was ord gorging the routing water at a cost of 18. Imillon, the willage. Borck resported noce the mer what is boilt and is core-thing that is blaft bits there will be a pack-ter. The ord said there will be a pack-the difficult of the bits core-thing that is blaft bits is core-thing that is blaft bits is core-thing that is blaft bits core-thing that is blaft bits core-thing that is blaft bits core the valid core would the bits core-thing that is blaft bits core the called there will be a pack-ter or the solitant is core the called to the bits one-the the state blaft the core the called to the the there the called the the core the called there will be a pack-ter or the the the there the called t

#### FLSA reviewed by county board

The Henry County com-missioners Tuesday reviewed the new Fuit Labor Standards in acting with the Red Cross. Act rule from the Department

of Labor. The rules, as well as the county's new drug and al-cohol policy, were reviewed during a legal update with Henry County Assistant Prosecutor Billy Harmon.

The commissioners also: Attended a networking meeting with county officials: Approved a lease agroad ment with the Red Cross. Approved a lease agroad terry County. The ageoda for Thursday ment with the Red Cross. Big and the Red Cross.

## LEGAL NOTICE

The Public Utilities Currenission of Ohio (PUCO) has scheduled a public hearing in Case No. 16:743-63:-POR, In the Matter of the Application of Ohio Edison Company, The Cleveland Electric Illuminating Company, and The Teledo Edison Company for Approval of Their Energy Efficiency and Peak Denand Feduction Program Portfolio Plans for 2017 through 2018. The application was filed pursuant to Section 4282 66 of the Ohio Parvised Code and Rules 4001:139-04 through 07 of the Ohio Administrative Code (O.A.C.). The companies are seeling PUCO approval of variotic proposed plans to Increase energy efficiency by their customers and to reduce energy usage by their customers during times of peak demand. The PUCO has scheduled a public hearing to consider the matters raised in the companies' application. The hearing will commence on July 25, 2016, at 1000 a.m., at the offices of the PUCO, 180 E. Broad Street, 11th Floor, Hearing Room 11-A, Columbus, Ohio, Further information may be obtained by contacting the PUGC website at 14:00 Elessi Broad Street, Columbus, Ohio 43:215:3783; by calling the PUCO hoffine at 1-800-86;726; or by going to the PUCO website at www.pucco.bio.gov, selecting DIS, and entering a case number referenced above.

CIC discusses railroad project

Local

By GEOFF BURNS NWS Staff Writer In what was Amanda Gol-fith's last official board meeting as executive director, the Heary County Community Improve-ment Corp. (CIC) Tuesday heard an update regarding a railroad project.

It was announced in April that the Michigan Southern Railroad

years. "My initial response was that we're not interested in doing that, but I could not make that

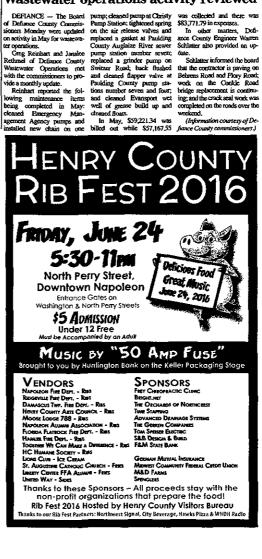
(CAUV) property. Gnifith said once the area is sold it will no longer the for that agricultural use in Henry Courty. She said the railroad has seller, to pay \$2,000 of recourts the citC went into an executive session seller, to pay \$2,000 of recourts the relocation, loca-tion, expersion, improvement ment taxes for the previous three vers.

or preservation of businesses in Henry County and to consider the appointment, employs dismissal, discipline, preal, discipline, promo





I was amounced in April that "My initial response was that the appointment, employment, the Michigan Southern Railood, we're not interested in door and therested in door and therested in door and the state of the south of a public employee of station of the throwsfield size of Commerce Dwire. The transfer station on the state of the south's statement in the state of the south's statement in the state of the south of the state of t



Incre that is in place and we're it from the tand is the one who granted a professional services contract to the ocean tank of the case who granted a professional services contract to the ocean tank of the case with the case w

Wastewater operations activity reviewed

FirstEnergy Energy Efficiency Portfolio - PUCO Case No. 16-743-EL-POR

### <u>Corrections to the Supplemental Direct Testimony of</u> <u>Richard F. Spellman on Behalf of the Ohio Consumers' Counsel</u>

- On page 17, line 1, "DJM-1" should be changed to "DJM-A2"
- The table on page 17 should be modified as follows:

Year	Baseline (MWh)	1.0% Energy Savings Benchmark (MWh)	Projected Cost Per First Year kWh Saved
2017	53,523,000	535,230	\$0.150
2018	52,800,000	528,000	\$0.152
2019	52,392,000	523,920	\$0.153

- On page 17, line 4, "531,370" should be changed to "535,230"
- On page 30, line 21, "DJM-1" should be changed to "DJM-A2"
- The first table on page 31 should be modified as follows:

	OE	CEI	TE
2017	24,123	18,845	10,555
2018	23,579	18,664	10,557
2019	23,311	18,537	10,544

• The second table on page 31 should be modified as follows:

	OE	CEI	TE	Total
2017	241,230	188,450	105,550	535,230
2018	235,790	186,640	105,570	528,000
2019	233,110	185,370	105,440	523,920

- On page 34:
  - o line 13 should be changed to 535,230
  - o line 14 should be changed to 528,000
- On page 35
  - o line 16: 23,353,000 should be changed to 23,579,000

EXHIBIT OCC 9C

- o line 17: 233,530 should be changed to 235,790
- o line 18: 233,530 should be changed to 235,790
- On page 36, line 2: 268,559 should be changed to 271,159



## Office of the Ohio Consumers' Counsel

Your Residential Utility Consumer Advocate

# CONSUMERS' FACT SHEET

#### Office of the Ohio Consum<u>ers' Counsel</u>

10 West Broad Street Suite 1800, Columbus, OH 43215-3485

> EMAIL: occ@occ.ohio.gov

WEBSITE: www.occ.ohio.gov

# EASY WAYS TO SAVE ENERGY & MONEY

With Ohioans spending as much as 72% of their family incomes on utility bills, looking for ways to reduce those energy bills is a worthwhile investment. There are many areas of the home that can be improved to cut down on heating, cooling, lighting, cooking and running other appliances where 75 percent of utility dollars are spent. In fact, one family of four can spend nearly \$33 per month on hot showers alone.

By incorporating a few simple changes, a typical household can reduce its energy and water usage and save up to 20 percent on their natural gas, electric and water bills a year. Here are some examples of ways to save.

# \$100+ per year

#### Programmable thermostat

A properly set programmable thermostat can save homeowners \$100 to \$180 per year if they maintain those settings. Programmable thermostats store six or more settings per day and will adjust the temperature automatically based on a pre-established schedule. Customers with heat pumps should install an appropriate programmable thermostat.

# \$70+ per year

#### **CFL light bulb**

Switching your five most frequently used incandescent light bulbs to compact fluorescent light bulbs (CFLs) can deliver significant savings. CFLs use 75 percent less energy and last up to 10 times longer. LED bulbs cost more, but can save more money.

# \$55 per year

### **Kilowatt meter**

Appliances account for up to two-thirds of electricity used in the home. Find out which appliances consume the most energy by using a kilowatt meter. A meter can also help identify appliances are using "vampire power."

## \$50+ per year

### **Energy Efficient Showerhead**

Showers account for about 22 percent of water use in a home. Showerheads are measured by flow—the number of gallons they deliver per minute (gpm).

The greater the pressure pushing water through pipes and showerheads, the greater the volume of water forced out. A few years ago, showerheads delivered about 5 to 8 gpm at a water pressure of 80 pounds

# EASY WAYS TO SAVE ENERGY & MONEY



The Office of the Ohio Consumers' Counsel (OCC), the residential utility consumer advocate, represents the interests of 4.5 million households in proceedings before state and federal regulators and in the courts.

The state agency also educates consumers about electric, natural gas, telephone and water issues.

For more information, please visit the OCC website at www.occ.ohio.gov.



The Office of the Ohio Consumers' Counsel is an equal opportunity employer and provider of services.

per square inch. The current standard for energy efficient heads is 2.5 gpm or 2.2 gpm at 60 psi.

# \$30 per year

### Aerators

Bathrooms account for more than 60 percent of average household indoor water use. Using aerators and lowflow showerheads, and fixing leaking faucets and toilets will save money. A leaking faucet dripping one water drop per second can waste about 3,000 gallons per year.

## \$24 per year

#### Sealers

Up to 30 percent of your heating and cooling energy may be lost through holes and gaps in the exterior of your home. Check for air leaking through electrical outlets, switch plates, window frames, baseboards, weather stripping around doors, fireplace dampers, attic hatches and windowmounted air conditioners. Using incense or a ribbon can be among the easiest ways to help detect leaks in these areas. Plug all holes to keep air from leaking out or in.

# \$20-\$45 per year

### Water heater blanket

Wrap older water heaters with an insulation blanket. A blanket is inexpensive and can save between 4-9 percent on water heating costs. Do not wrap a water heater less than five years old because it has sufficient insulation and wrapping it may cause the tank to overheat.

# \$17 per year

### Window and door insulation

The average home wastes from 25 to 40 percent of its energy because of poor window insulation. Consumers with older windows can use insulation kits in the winter to help create temporary storm windows. Also, use curtains, drapes, blinds and shades to better regulate home temperatures throughout the year. In the winter, draperies can be used to help reduce chills around windows. In the summer, they can be used to block light and heat in the middle of the day. Applying low-emission window film to southfacing windows helps reduce heat from entering the home. Installing storm windows to existing pane windows may be a cheaper, yet effective, option to replacing windows.

# \$16 per year

## Refrigerators

Refrigerators account for about 14 percent of an average home's electricity bills. Keep your refrigerator or freezer away from direct sunlight or warm air (range, dishwasher, heating ducts, etc.) so that the appliance doesn't have to use more energy to remain cold. Use a brush to clean the refrigerator's coils so the appliance doesn't have to work as hard. Use a thermometer to monitor its temperature. Replace old kitchen appliances with newer Energy Star-rated models. Energy efficient dishwashers can save \$35-\$300 on energy costs in its lifetime and Energy Star refrigerators use 20 percent less energy.

# \$8-\$12 per year

## **Pipe insulation**

Insulate water pipes to reduce heat loss. Foam pipe sleeves can help raise water temperature 2 to 4 degrees allowing for a lower water heater temperature. With insulated pipes, you will not have to wait as long for warm water to reach a faucet or showerhead.