

The Iowa Office of Energy Independence

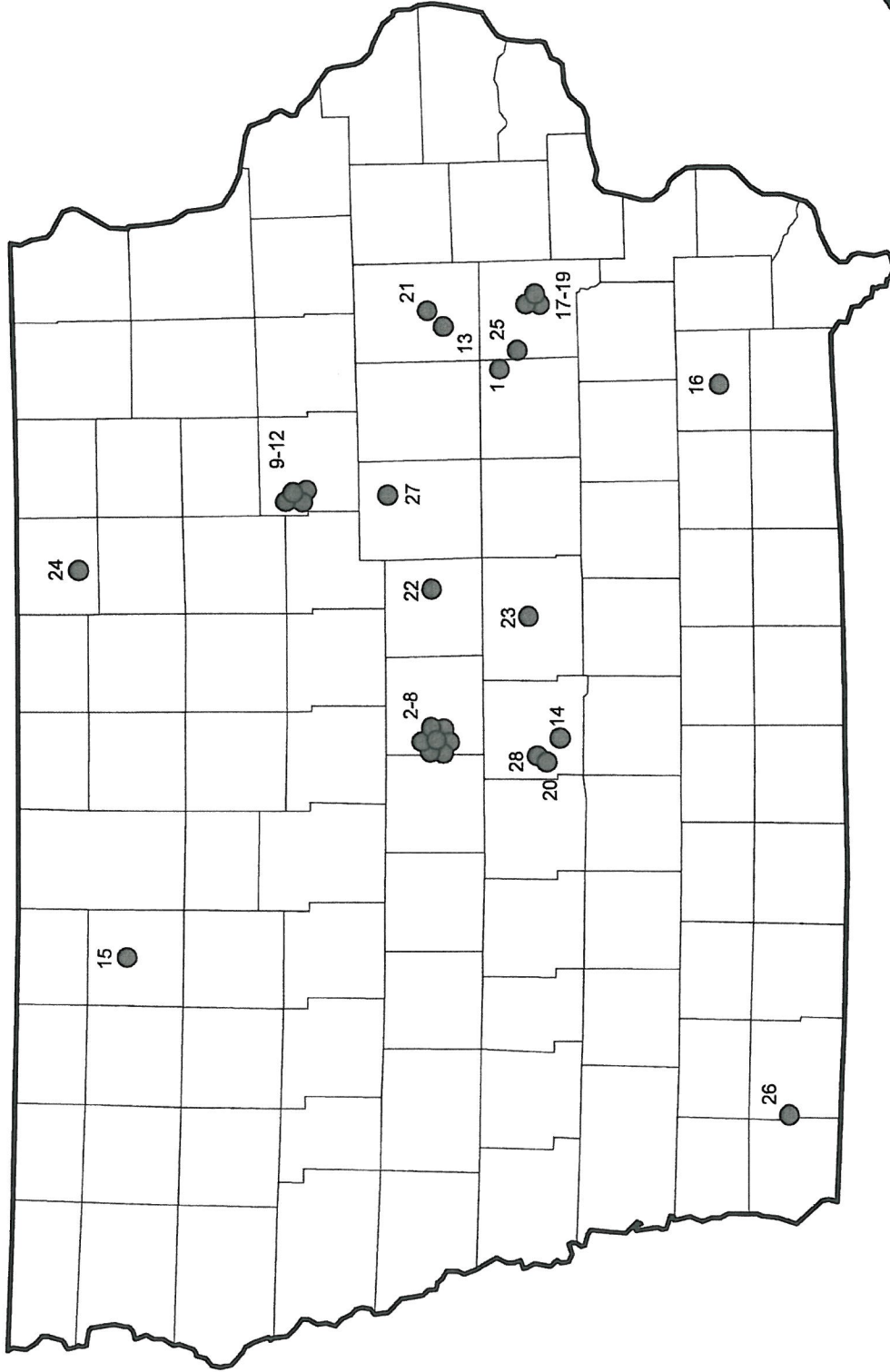
The Office of Energy Independence (OEI) was established in 2007 by Governor Culver and the Iowa Legislature to lead Iowa's energy independence efforts and administer the Iowa Power Fund. The Iowa Power Fund was created to *"further the goals of increasing the research, development, production, and use of biofuels and other sources of renewable energy, improve energy efficiency, and reduce greenhouse gas emissions, and shall encourage, support, and provide for research, development, commercialization, and the implementation of energy technologies and practices. The technologies and practices should reduce this state's dependence on foreign sources of energy and fossil fuels. The research, development, commercialization, implementation, and distribution of such technologies and practices are intended to sustain the environment and develop business in this state as Iowans market these technologies and practices to the world."* (Iowa Code Chapter 469.9) The legislation authorizes \$100 million in funding over 4 years, with annual appropriations of up to \$25 million, to provide access to capital for research and development, early stage commercialization and education of energy-related projects in Iowa.

- To date, the Iowa Power Fund has allocated \$39,425,000 for 28 projects in Iowa. These projects have leveraged more than \$202 million in additional funds. Many of these investments are in biofuels, wind and wind manufacturing.
- The Iowa Power Fund provides \$2.5 million annually to community colleges for energy-related curriculum delivery and development, equaling more than \$7 million over the past three years.
- The Iowa Power Fund was also tapped to assist with flood recovery, allocating \$7.5 million to assist homeowners and businesses to rebuild with energy efficient equipment and materials.
- Beginning this year, 4%, or more than \$800,000 per year, of the Iowa Power Fund appropriation is earmarked to fund competitive projects for community energy efficiency and renewable energy investments. Communities can apply for up to \$50,000 in funding to create local energy programs.

In addition to the Iowa Power Fund, the OEI is responsible for other duties, including those of the federally designated state's energy office (Iowa Code Chapter 469.3):

- Leading outreach and public education efforts concerning renewable energy, renewable fuels and energy efficiency
- Pursuing new research and investment funds from federal and private sources
- Coordinating and monitoring all existing state and federal renewable energy, renewable fuels and energy efficiency grants, programs and policy; this includes administering the annual federal appropriation from the US Department of Energy to the state energy office.
- Advising the Governor and General Assembly concerning renewable energy, renewable fuels and energy efficiency policy and legislation
- Developing an annual Iowa Energy Independence Plan that identifies strategies to maximize the use of emerging technologies, renewable energy and energy efficiency; retain and create high quality jobs; enhance the development of and encourage investment in the state's bioeconomy; increase energy affordability; and identify transportation, transmission and generation infrastructure investment needs.

POWER FUND AWARDED PROJECTS



● Awarded Projects

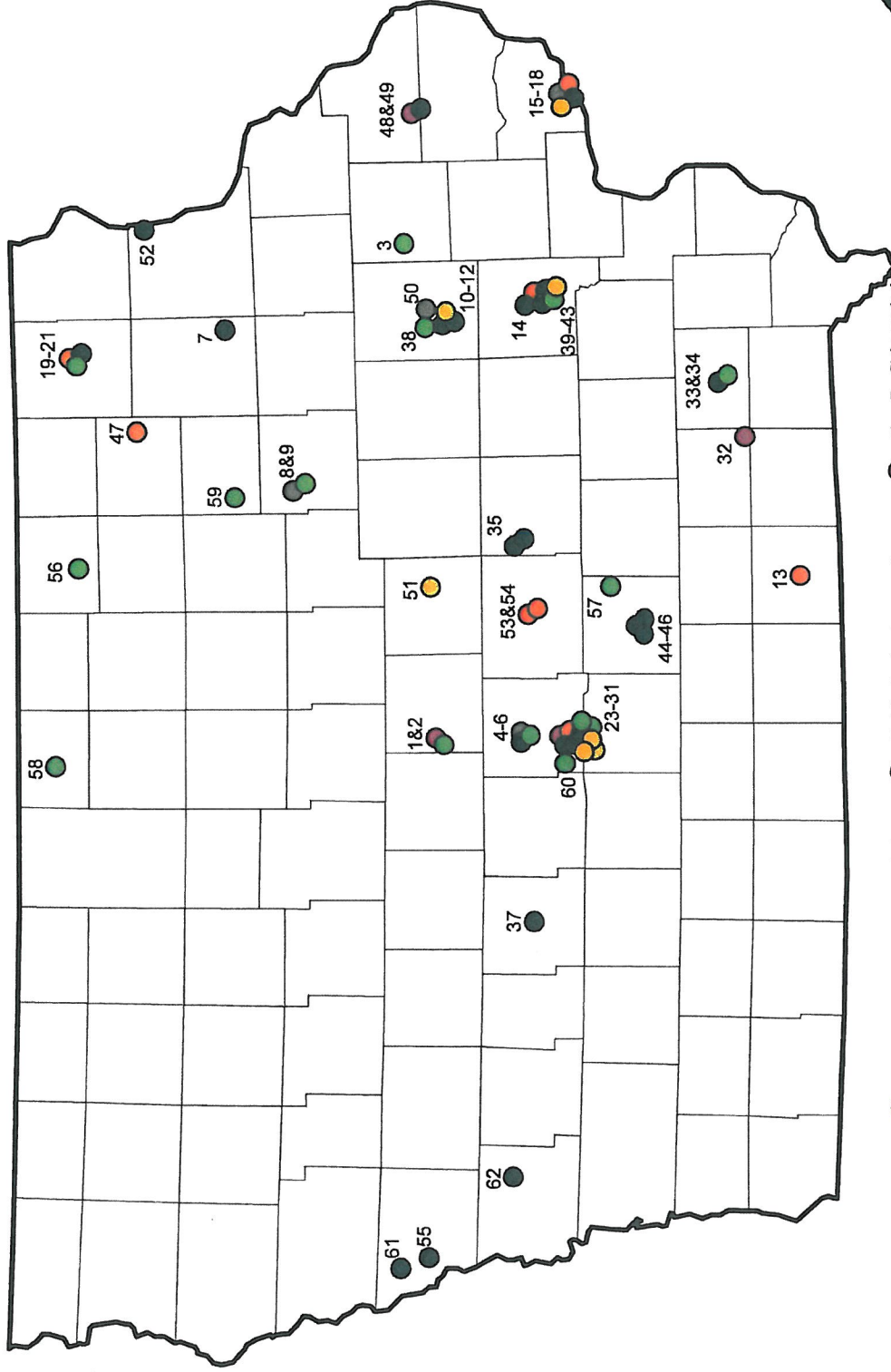


WWW.ENERGY.IOWA.GOV

OFFICE OF ENERGY INDEPENDENCE

ID	Project Number	Project Title	Principal	City	Power Fund Investment	Private Match Funds	Federal Match Funds	Total Match	Project Funding Issued to Date	Contract
1	08-03-1136	Amana Renewable Energy Project	Amana Farms, Inc.	Amana	\$1,082,575	\$3,577,449	\$500,000	\$4,077,449	\$1,032,429	12/23/08
2	08-02-1006	Reducing the Energy and Environmental Costs of Drying Corn Distillers Grain	Celencor Inc.	Ames	\$1,500,000	\$500,000	\$0	\$500,000	\$1,050,000	11/12/08
3	08-02-1064	2008 Biobased Industry Outlook Conference	ISU	Ames	\$12,500	\$325,000	\$0	\$325,000	\$12,500	Complete
4	08-02-1073	Efficient, low cost, photovoltaic solar energy conversion	ISU	Ames	\$1,690,024	\$463,500	\$0	\$463,500	\$344,620	12/23/08
5	08-04-1123	Biodiesel Research Center	REG	Ames	\$740,000	\$1,374,000	\$0	\$439,000	\$719,963	11/12/08
6	08-07-1142	Increasing the use of distillers grains in livestock diets.	Iowa State University	Ames	\$172,994	\$242,334	\$0	\$242,334	\$0	7/8/09
7	08-06-1205	Petroleum Replacement Fuels and Chemicals from Advanced Catalysis	Elevance Renewable Sciences Inc./ Renewable Energy Group	Ames	\$3,857,646	\$12,750,948	\$0	\$12,750,948	\$0	12/9/09
8	08-02-1007	Clean Gasification Platform for Renewable Power	ISU	Ames	\$2,370,000	\$922,112	\$0	\$922,112	\$1,411,668	12/23/08
9	08-02-1038	Annual Iowa Energy Pol	UNI	Cedar Falls	\$51,456	\$0	\$0	\$0	\$51,456	Complete
10	08-02-1041	Determining Maximum Sustainable Production of Biomass with Mixture of Prairie Species	UNI	Cedar Falls	\$612,300	\$136,000	\$0	\$136,000	\$31,971	10/8/08
11	08-02-1053	Development of Less Expensive Dye Sensitized Solar Cells	UNI	Cedar Falls	\$78,681	\$18,600	\$0	\$18,600	\$24,151	12/23/08
12	08-03-1098	Novel Hydrogen Storage Materials for Fuel Cell Application	UNI	Cedar Falls	\$400,000	\$65,000	\$100,000	\$165,000	\$41,594	12/23/08
13	09-02-1177	21st Century Green Energy Project*	City of Cedar Rapids	Cedar Rapids	\$253,407	\$253,407	\$0	\$253,407	\$126,703	7/8/09
14	08-08-1144	AmeriCorps Green Corps Program	DED/DNR	Des Moines	\$450,000	\$0	\$876,850	\$876,850	\$150,000	11/12/08
15	08-02-1045	POET Project Liberty	POET Project Liberty	Emmettsburg	\$14,750,000	\$85,700,000	\$80,000,000	\$165,700,000	\$332,800	2/26/09
16	08-03-1084	Making Iowa Cities Sustainable: The Fairfield Model	City of Fairfield	Fairfield	\$80,000	\$44,800	\$0	\$44,800	\$12,640	12/23/08
17	08-04-1120	I-Renew Energy & Sustainability EXPO	I-Renew	Iowa City	\$41,000	\$52,000	\$0	\$52,000	\$41,000	Complete
18	08-12-1163	Iowa Alliance for Wind Innovation and Novel Development (IAWIND)	University of Iowa	Iowa City	\$3,000,000	\$1,500,000	\$0	\$4,500,000	\$0	8/12/09
19	08-04-1189	I-Renew Energy & Sustainability Expo 2008 & 2010	I-Renew	Iowa City	\$30,000	\$110,000	\$0	\$110,000	\$30,000	Complete
20	08-03-1109	Utilizing Glycerol in Swine and Poultry	Novectia LLC	Johnston	\$66,550	\$66,550	\$0	\$66,550	\$66,550	Complete
21	08-04-1178	Community Education on Energy and Environmental Benefits from Green Infrastructure	Trees Forever Inc.	Maion	\$232,249	\$578,700	\$0	\$738,401	\$0	12/9/09
22	08-08-1145	Plug-In Hybrid Electric	Consumers Energy	Marshalltown	\$19,000	\$81,205	\$0	\$81,205	\$0	7/8/09
23	08-04-1124	TPI Wind Blade Advanced Manufacturing Initiative	TPI Iowa LLC	Newton	\$2,100,000	\$2,100,000	\$2,100,000	\$4,200,000	\$0	1/14/08
24	08-02-1040	Mobile Solid Biomass Briquette Plant	RENEW Energy Systems	Osage	\$250,000	\$299,500	\$327,500	\$627,000	\$125,000	12/23/08
25	08-02-1046	Vertical Wind Turbine Manufacturer*	Carbon-Free Energy, LLC	Oxford	\$250,000	\$171,885	\$0	\$171,885	\$63,000	8/12/09
26	08-02-1043	Algae Project	Bioprocess Algae/ GPRE Inc.	Shenandoah	\$2,085,000	\$2,085,000	\$0	\$2,085,000	\$1,163,533	4/8/2009
27	08-02-1059	Iowa Stored Energy Park (ISEP)	ISEP	Traer	\$3,200,000	\$500,000	\$1,500,000	\$2,000,000	\$424,160	1/14/08
28	08-12-1165	Biodiesel Education Program	Iowa Biodiesel Board	Urbandale	\$50,000	\$95,000	\$0	\$95,000	\$0	8/12/09

STATE ENERGY PROGRAM/RECOVERY ACT AWARDED PROJECTS



- Training Applications Accepted
- TD Accepted
- Public Sector Approved
- Private Sector Approved
- Non-Profit Accepted
- Innovative Approved



WWW.ENERGY.IOWA.GOV

OFFICE OF ENERGY INDEPENDENCE

ID	Applicant Name	Location	Approved Funding	Amount Leveraged
1	Odagon Center for the Arts	Ames	\$15,420.75	\$5,140.25
2	Story County Community Housing Corporation	Ames	\$12,000.00	\$148,620.00
3	Maquoketa Valley Electric Cooperative	Anamosa	\$22,065.00	\$23,265.00
4	Des Moines Area Community College	Ankeny	\$131,500.00	\$132,000.00
5	Des Moines Area Community College	Ankeny	\$44,000.00	\$88,000.00
6	Iowa Association of Municipal Utilities	Ankeny	\$210,500.00	\$309,624.00
7	Starmont Community School District	Arlington	\$70,851.00	\$141,702.00
8	University of Northern Iowa	Cedar Falls	\$250,000.00	\$2,529,430.00
9	Cedar Falls Utilities	Cedar Falls	\$185,047.00	\$513,291.00
10	Cedar Rapids-Linn County Solid Waste Agency	Cedar Rapids	\$650,000.00	\$5,350,000.00
11	Kirkwood Community College	Cedar Rapids	\$1,100,000.00	\$7,000,000.00
12	Cedar Rapids Electrical JATC	Cedar Rapids	\$38,993.75	\$38,993.75
13	Wells Manufacturing, LP	Centerville	\$129,663.88	\$66,147.04
14	City of Coralville	Coralville	\$71,666.00	\$143,333.00
15	City of Davenport	Davenport	\$219,890.00	\$462,000.00
16	Eastern Iowa Community College District	Davenport	\$250,000.00	\$327,209.00
17	Eastern Iowa Community College District	Davenport	\$99,023.00	\$165,561.00
18	Genesis Health System	Davenport	\$58,059.00	\$58,059.00
19	Acument Global Technologies, Camcar LLC	Decorah	\$128,600.00	\$49,900.00
20	Acument Global Technologies, Camcar LLC	Decorah	\$25,000.00	\$49,900.00
21	Winnechiek Medical Center	Decorah	\$209,912.00	\$419,629.00
22	Grand View University	Des Moines	\$104,328.00	\$104,329.00
23	Iowa Department of Administrative Services	Des Moines	\$716,047.00	\$2,295,817.00
24	Iowa Department of Natural Resources	Des Moines	\$3,554.00	\$12,000.00
25	Iowa Interfaith Power & Light	Des Moines	\$65,900.00	\$73,600.00
26	Iowa Utilities Board	Des Moines	\$168,715.00	\$337,431.00
27	Iowa Utilities Board	Des Moines	\$156,854.00	\$156,855.00
28	National Center for Appropriate Technology	Des Moines	\$93,847.00	\$93,847.00
29	State of Iowa, Alcoholic Beverages Division	Des Moines	\$84,900.00	\$169,800.00
30	World Food Prize Foundation	Des Moines	\$500,000.00	\$1,728,313.00
31	Principiant Hotel Company, LLC	Des Moines	\$750,000.00	\$1,163,721.00
32	Wapello County Agricultural Fair Association, Inc.	Eldon	\$7,177.50	\$3,250.00
33	City of Fairfield	Fairfield	\$161,666.00	\$323,333.00
34	Radiance Dairy, LLC	Fairfield	\$4,730.00	\$4,730.00
35	City of Grinnell	Grinnell	\$52,500.00	\$105,000.00

ID	Applicant Name	Location	Approved Funding	Amount Leveraged
36	City of Grinnell	Grinnell	\$53,333.00	\$106,666.00
37	Guthrie Center Community Schools	Guthrie Center	\$150,000.00	\$513,677.00
38	Prairie Woods Franciscan Spirituality Center	Hiawatha	\$65,300.00	\$65,450.00
39	Iowa Renewable Energy Association	Iowa City	\$100,000.00	\$156,000.00
40	Proctor and Gamble Company	Iowa City	\$222,282.40	\$333,425.60
41	University of Iowa	Iowa City	\$250,000.00	\$1,030,000.00
42	City of Iowa City	Iowa City	\$419,000.00	\$838,000.00
43	University of Iowa	Iowa City	\$69,260.00	\$345,471.00
44	Knoxville Community School District	Knoxville	\$9,900.00	\$56,100.00
45	Knoxville Community School District	Knoxville	\$3,200.00	\$16,800.00
46	Knoxville Community School District	Knoxville	\$7,300.00	\$38,400.00
47	Homeland Energy Solutions	Lawler	\$750,000.00	\$867,000.00
48	City of Maquoketa	Maquoketa	\$156,836.00	\$543,164.00
49	Jackson County Historical Society	Maquoketa	\$10,875.00	\$3,233.00
50	Trees Forever	Marion	\$159,701.00	\$885,440.00
51	Iowa Valley Community College District	Marshalltown	\$75,839.00	\$94,095.00
52	McGregor Municipal Utilities and City of McGregor	McGregor	\$21,919.00	\$44,507.00
53	AG/IRG Newton, LLC	Newton	\$41,950.38	\$23,492.00
54	Rock Communications Ltd.	Newton	\$54,235.20	\$13,568.80
55	West Monona Community Schools	Onawa	\$115,518.33	\$580,011.00
56	Mitchell Co. Conservation Board	Osage	\$17,500.00	\$17,500.00
57	Central College	Pella	\$250,000.00	\$1,705,704.00
58	Heartland Power Cooperative	Thompson	\$76,469.60	\$113,475.00
59	Waverly Light and Power	Waverly	\$42,000.00	\$43,000.00
60	Sun Prairie/Vista Court Apartments	West Des Moines	\$250,000.00	\$576,117.00
61	Whiting Community Schools	Whiting	\$1,800.00	\$4,695.00
62	City of Woodbine	Woodbine	\$12,287.00	\$24,946.00

**Office of Energy Independence
Economic Development Appropriations Subcommittee
February 4, 2010**

Fee Collection

- The Office collects fees to offset the costs of delivering the Building Energy Smart Program. These fees are established in code:
473.19A
(1) Moneys received in the form of fees imposed upon the state, state agencies, political subdivisions of the state, school districts, area education agencies, community colleges, and nonprofit organizations for services performed or assistance rendered pursuant to the building energy management program. Fees imposed pursuant to this paragraph shall be established by the office in an amount corresponding to the operational expenses or administrative costs incurred by the office in performing services or providing assistance authorized pursuant to the building energy management program, as follows:
 - (a) For a building of up to twenty-five thousand square feet, two thousand five hundred dollars.*
 - (b) For a building in excess of twenty-five thousand square feet, an additional eight cents per square foot.*
 - (c) A building that houses more energy intensive functions may be subject to a higher fee than the fees specified in subparagraph divisions (a) and (b) as determined by the office.**(2) Any fees imposed shall be retained by the office and are appropriated to the office for purposes of providing services or assistance under the program.*

- At this time, the Office does not plan to raise these fees either by rule or legislatively, nor do we plan to change the way we collect fees.

Efficiency Report Recommendations

All recommendations made by the Office were included in the efficiency report developed by Public Works.

Efficiency Report Savings Information

The Office recommended that the state identify and implement all cost effective energy management improvements in state facilities. The estimates of savings are:

	Estimated Savings	TOTAL
Year 1 Savings	\$460,000	\$460,000
5 Year Savings	\$6.9 million	\$6.9 million

- These savings estimates were based on a projected potential for energy improvement in buildings like those owned by the State. Energy consumption and cost information has been collected since 2006 by the Department of Natural Resources and Office of Energy Independence for the purposes of tracking the results of Governor Vilsack's Executive Order 41 and Governor Culver's

Executive Order 6. Generally speaking, it is possible to reduce energy consumption in buildings by approximately 30% when making all cost effective energy improvements.

- The Federal Energy Management Program established a goal of reducing energy consumption in federal facilities by 35%, and has verified that energy savings equaling 22% has been achieved. (source: Pacific Northwest National Lab)
- U.S. EPA estimates that implementing energy efficiency measures can save 20 to 40 percent on annual utility costs for new buildings and between 20 and 30 percent for renovated buildings.
- Because some state facilities completed energy-related improvements in the recent past, it is reasonable to assume that the savings figure for Iowa may be conservatively estimated at 20%.

State Government Reorganization Bill

- The recommendation to identify and implement all cost effective energy management improvements in state facilities was not included in the State Government Reorganization Bill.
- The Office did not provide any savings information for the State Government Reorganization Bill.

Privatization and Outsourcing

- The Office currently outsources the activities that are reasonable to be outsourced. This includes:
 - Detailed, specialized technology reviews for the Iowa Power Fund
 - Direct outreach for the Building Energy Smart Program to schools, hospitals, local governments and private colleges
 - Temporary administrative assistance
- The Office is seeking to outsource the following activity:
 - Economic and financial expertise to improve Iowans' ability to finance energy projects including energy efficiency, renewable energy and biofuels
- The Office also works closely with the private sector to provide the following service for its programs:
 - Engineering and architectural services for Building Energy Smart Program clients

OFFICE OF ENERGY INDEPENDENCE - FY10

Funding Source	POWER FUND											Agency Totals	
	Power Fund Admin	Power Fund Investments	Community Colleges	Community Grants	² ARRA State Energy Plan	³ ARRA Energy Efficiency & Conservation Block Grants	⁴ ARRA Appliance Rebate Program	⁵ ARRA Energy Assurance	Clean Cities Program	⁶ State Energy Plan (Formula)	Building Energy Management Fund		Public Buildings Program
	Fund 956 Approp. J60	Fund 956 Approp. J60	Fund 956 Approp. J60	Fund 956 Approp. J60	Fund 956 US Dept of Energy	Fund 956 US Dept of Energy	Fund 956 US Dept of Energy	Fund 956 US Dept of Energy	Fund 956 3rd Party Reimbursement	Fund 956 US Dept of Energy	Fund 956 (DNR transfer)	Fund 849 & Fund 980 (DNR transfer)	
Salaries	0	35,706,640	0	0	196,435	0	0	0	18,410	42,221	568,497	900,504	35,679,719
Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0
State Appropriation ¹	747,484	17,730,000	2,250,000	864,000	0	0	0	0	0	0	0	0	21,591,484
Federal Funds	0	0	0	0	0	0	0	0	0	0	0	0	260,248
Inter-Agency Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0
Fees	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest	0	142,673	0	0	0	0	0	0	0	0	0	0	142,673
Other	15	0	0	0	0	0	0	0	0	0	0	0	15
Total Resources	747,499	17,872,673	2,250,000	864,000	196,435	46,786	46,786	3,565	15,679	190,063	568,497	26,271	22,247,359
Expenditures	0	0	0	0	0	0	0	0	0	0	0	0	0
Salaries	226,608	0	0	0	123,075	46,786	46,786	3,565	5,729	211,907	0	0	637,506
Administrative Costs	140,872	0	0	0	1,472	0	0	0	0	2,225	0	0	144,569
Transfer to DOE (Interest on ARRA fu	0	0	0	0	0	0	0	0	0	0	0	0	0
Program Costs	0	46,708	0	0	26,816	0	0	0	2,309	18,152	0	0	93,985
Inter-Agency Transfers	0	0	0	0	0	0	0	0	0	0	0	0	0
Grants	0	8,199,217	0	0	0	0	0	0	0	0	0	117,720	117,720
Total Expenditures	367,280	3,245,925	0	0	153,463	46,786	46,786	3,565	8,038	232,284	0	117,720	4,194,896
Power Fund Contract Commitment Balance	31,213,828	0	0	0	0	0	0	0	0	0	0	0	31,213,828
Power Fund Commitment in Process of Repayment	18,456,001	0	0	0	0	0	0	0	0	0	0	0	18,456,001
Salaries	390,219	3,963,659	2,250,000	864,000	239,407	0	0	0	26,091	0	568,497	809,055	9,060,363

Footnotes:

Appropriation less 10% budget reduction and reduction for furloughs
 ARRA-SEP: Amount remaining for draw = \$40,241,570
 ARRA-EEOBG: Amount remaining for draw = \$9,546,714
 ARRA-ARP: Amount remaining for draw = \$2,861,165
 AARA-EA: Amount remaining for draw = \$471,928
 SEP-Formula: Amount remaining for draw = \$541,784
 Program Costs in BEst Program are for contractual payments

Total federal funds available for draw = \$53,663,161

Iowa Power Fund Job Creation and Retention

Recipients of the Iowa Power Fund dollars have estimated that they have or will create/retain 619 direct jobs based on their approved projects. This number is a self-reported, direct jobs number and does not include the full economic impact of the investments, immediate construction jobs associated with project implementation, nor does it include jobs created when the projects are successfully replicated.

The following economic analysis provides additional insight into job creation/retention estimates that account for direct, indirect and induced employment:

Methodology: The job numbers were calculated using the federal methodology of \$92,000/ investment per job to calculate job numbers. This job creation/retention number is a projection of the number of job years that will exist at successful project completion. This is the methodology used at the federal level to project job creation over time. The jobs created/retained are simply calculated by dividing the total investment of the project by the federal figure. While the Office of Energy Independence, Power Fund Board and Due Diligence Committee complete extensive technical and financial reviews, Power Fund project success is dependent upon many factors. Technical success of research and development, markets, energy prices and supplies, weather, and many other inputs may impact final results.

Justification for this methodology: This methodology accounts for the overall economic impact of investments. It takes into account the direct, indirect and induced effects of an investment. Seeking job numbers from a project manager for each project is one way to get job numbers; however, that fails to capture the financial transactions that are outside the payroll. For example, if a company purchases machinery from an equipment manufacturer, the mechanics assembling the machinery are paid for the labor, and therefore, should be counted as job creation/retention. However, these economic activities are unaccounted for when a project manager reports only the job numbers that are directly supported by company's payroll. In a similar fashion, a worker employed by the project uses his wages to make economic transactions. As a result, he is indirectly supporting job creation/retention for other members in the community.

However, this method does not take into account the full, long term effect of investments. As technology is developed, and eventually deployed and commercialized, more money is invested which creates additional jobs and economic development opportunities.

Power Fund Job Creation/Retention Projection

Applicant Name	Job Year* Creation/Retention at project completion	Approved funding	Amount Leveraged
POET Project Liberty	1961.4	\$14,750,000.00	\$165,700,000.00
BioProcess Algae/Green Plains Renewable Energy Algae Project	45.3	\$2,085,000.00	\$2,085,000.00
Iowa Stored Energy Park	56.5	\$3,200,000.00	\$2,000,000.00
Clean Gasification Platform for Renewable Power	35.8	\$2,370,000.00	\$922,112.00
I-Renew and Sustainability EXPO 2008	1.0	\$41,000.00	\$52,000.00
Energy Efficient Rebuild for Iowa (Iowa Green Corps and Iowa Green Streets)	14.4	\$450,000.00	\$876,850.00
Efficient, Low Cost, Photovoltaic Solar Energy	23.4	\$1,690,024.00	\$463,500.00
2008 Biobased Industry Outlook Conference	3.7	\$12,500.00	\$325,000.00
Plug-In Hybrid Electric Vehicle (PHEV)	1.1	\$19,000.00	\$81,205.00
Reducing the Energy and Environmental Costs of Drying Corn Distillers Grain	21.7	\$1,500,000.00	\$500,000.00
Biodiesel Research Center	12.8	\$740,000.00	\$439,000.00
TPI Wind Blade Advanced Manufacturing Initiative	68.5	\$2,100,000.00	\$4,200,000.00
Increasing the use of distillers grains in livestock diets: Decreasing the impact of soluble fiber, antibiotics, and sulfate in swine, poultry, and cattle diets	4.5	\$172,994.00	\$242,334.00
21st Century Green Energy Projects	5.5	\$253,407.00	\$253,407.00
2008 Iowa Energy Poll	0.6	\$51,456.00	\$0.00
Mobile Solid Mass Briquette Plant	9.5	\$250,000.00	\$627,000.00
Sustainable Biomass through prairie grass	8.1	\$612,300.00	\$136,000.00
Amana Farms to Fuel	56.1	\$1,082,575.00	\$4,077,449.00
Development of Less Expensive Dye Sensitized Solar Cells	1.1	\$78,681.00	\$18,600.00
Novel Hydrogen Storage Materials for Fuel Cell Application	6.1	\$400,000.00	\$165,000.00
Utilizing Glycerol in Swine and Poultry	1.4	\$66,550.00	\$66,550.00
Making Iowa's Cities Sustainable: The Fairfield Model for Energy Security and Economic Viability	1.4	\$80,000.00	\$44,800.00
Vertical Wind Turbine Manufacturer	4.6	\$250,000.00	\$171,885.00
Iowa Alliance for Wind Innovation and Novel Development	81.5	\$3,000,000.00	\$4,500,000.00
I-Renew and Sustainability EXPO 2009 and 2010	1.5	\$30,000.00	\$110,000.00
Biodiesel Education Program	1.6	\$50,000.00	\$95,000.00
Trees Forever	10.5	\$232,249.00	\$738,401.00
Elevance	185.9	\$3,857,646.00	\$13,250,948.00
	2626	\$39,425,382.00	\$202,142,041.00

Other funding allocations

Community Colleges	82	\$7,500,000.00	
Jumpstart Funds	82	\$7,500,000.00	
TOTAL	2790		

* A Job year is an economic term meaning the creation of one year of work (2080 hours). Thus, 10 Job years could be 10 jobs for one year each; 1 job for 10 years; or some combination in between.