

Customer Name: St. Marys, City of

Report Year: FY2013, Annual

Report Status: Approved

Report Date: 5/7/2014 9:54:43 AM

## 1. INSTRUCTIONS

Congress requires the Western Area Power Administration and its customers to provide an annual report of supply-side, demand-side, and renewable resource activities undertaken as a result of the National Energy Policy Act of 1992 (EPAAct). This online Integrated Resource Plan (IRP) Reporting Program provides Western's customers the ability to electronically report the information required in 10 CFR Part 905, Western's Energy Planning and Management Program. This program was developed for the convenience of Western's customers. Its use is not mandatory. Western's customers can report the information contained in this program in any format they choose, as long as the information is submitted to Western for review and approval. For more information, contact your Regional Energy Services Representative.

Western's IRP Regulations (10 CFR Part 905) require customers to submit IRPs every 5 years and annual IRP progress reports "in such form and containing such information as to describe the customer's accomplishments achieved pursuant to the action plan, including projected goals, implementation schedules, resource expenditures, energy and capacity benefits and renewable energy developments achieved as compared to those anticipated."

This electronic reporting program will take you through each required reporting step. Please use the navigation bar on the left side of this page to continue.

NOTE: Estimates of energy, capacity, and resource expenditures for all resource activities are acceptable if actual measures are unavailable or too costly to obtain.

This online IRP Reporting Program satisfies the customer reporting requirement. However, you will need to inform Western of how and/or why goals in your action plan changed, and how and/or why expected accomplishments were exceeded or not met (if either of these occurred).

This program allows you to do this in one of two ways:

1. Use the "Notes to Western" text boxes following each section, or
2. Submit a cover letter with this IRP Reporting Program. Either method is acceptable by Western, as long as all necessary information is included. (See the appropriate checklist by clicking on "10. Checklists" in the left-hand navigation bar on this page, or view all of the checklists on Western's Energy Services Web site at <http://www.wapa.gov/es/irp/IRPchecklist.htm>.)

Customers must submit IRP progress reports each year within 30 days of the anniversary date of approval of the currently applicable IRP, unless other arrangements have been made with your regional representative.

Notes to Western:

2008 - Peak Demand 6.105(MW) Total Energy 19,909(MWh)

2009 - Peak Demand 5.714(MW) Total Energy 19,611(MWh)

2010 - Peak Demand 6.355(MW) Total Energy 21,568(MWh)

2011 - Peak Demand 6.278(MW) Total Energy 21,849(MWh)

2012 - Peak Demand 6.401(MW) Total Energy 21,521(MWh)

## 2. Western Allocation

Your Western allocation is that portion of your energy (kWh) and/or capacity (kW) that comes from one or more Regional offices of Western Area Power Administration.

NOTE: Estimates of energy and capacity are acceptable if actual measures are unavailable.

Please list your current kW and kWh for your Western allocations (including those contracts that came on-line during the current reporting period), by the Region from which you purchased the power. If you are a member-based association reporting for a number of utilities or a group of utilities reporting as an IRP cooperative, make certain all Western allocations are included here. Contact your Regional customer representative for more information. This total should not include purchases made for you by Western outside of your Firm Power allocation contract (i.e., you have a supplemental contract with Western). All supplemental purchases made for you by Western should be reported under Category 4 or 5 if discontinued

Region	Current kW	Current kWh
1. Upper Great Plains Region	0	0
2. Rocky Mountain Region	4974	1457794
3. Desert Southwest Region	0	0
4. Sierra Nevada Region	0	0
5. Colorado River Storage Project	0	0
Total:	4974	1457794

Actual Expenditures: \$ 57200

Target Expenditures: \$ 57200

Expenditure Difference: \$ 0

Notes to Western:

## 3. Discontinued Western Allocation

Please list kW and kWh for Western Allocations that went off-line during this reporting period, i.e., you are no longer purchasing that power from Western.

If you have more than one contract with a Region (such as two contracts with Rocky Mountain Region), please add and put totals in kW and kWh cells.

Include any reduction in allocation resulting from a firm power re-allocation

Region	Off-line kW	Off-line kWh
1. Upper Great Plains Region	0	0
2. Rocky Mountain Region	0	0
3. Desert Southwest Region	0	0
4. Sierra Nevada Region	0	0
5. Colorado River Storage Project	0	0
Total:	0	0

Notes to Western:

N/A

#### 4. Supply-Side Activities

Do not include any Western allocations here. Supply-side activities include conventional generation (coal - list conventional - IGCC - fluidized bed - other, natural gas, oil, combined cycle gas/oil, diesel, nuclear, fuel cell, other) and purchased power. For renewable resources, see the Renewable Activities report category in this program.

Do include supplemental purchases made by Western on your behalf. Supplemental purchases are those purchases made for you in excess of your firm power allocation.

Note: Estimates of energy and capacity are acceptable if actual measures are unavailable.

Please list your current kW and kWh for supply-side activities (including those resources that came on-line during the current reporting period), by type. If you are a member of a member-based association reporting for a number of utilities or a group of utilities reporting as an IRP cooperative, make certain all supply-side resources are included here. For those activities with two or more sources such as purchased power contracts, please add and include totals in the kW and kWh fields.

Contact your regional representative for more information.

Current Supply-Side Activities	Current kW	Current kWh
1. Hydro (non-Western)	0	0
2. Natural Gas	0	0
3. Oil	0	0
4. Combined Cycle Gas/Oil	0	0
5. Coal	0	0
6. Nuclear	0	0
7. Fuel Cell	0	0
8. Purchased Power Contract (Including supplemental purchases made by Western)	6401	21521807
9. Diesel	0	0
Total:	6401	21521807

Actual Expenditures: \$ 1293177

Target Expenditures: \$ 1293177

Expenditure Difference: \$ 0

#### Notes to Western:

2012 Energy Suppliers to the Kansas Power Pool (not to exceed MW amounts)

Exelon Wind (Greensburg Wind Farm): 12.5 MW (wind)

Westar Energy (Jeffrey Energy Center): 50 MW (coal)

Bowersock: 2.7 MW (hydro)

Grand River Dam Authority: 28.3 MW (hydro, coal)

Western Area Power Agency: 4.5 MW (hydro)

Southwest Power Administration: 9.4 MW (hydro)

Nearmen Power Plant: 19.5 MW (coal)

Short Term Energy Market: Imbalance Needs (best available)

Member City Generation - 359 MW Imbalance Needs (natural gas, diesel)

KPP Generation Ownership (Dogwood): 42 MW (natural gas, steam)

## 5. Discontinued Supply-side Activities

Please list kW and kWh for supply-side activities that went off-line during this reporting period, i.e., you are no longer generating or purchasing.

Do include discontinued supplemental purchases made by Western on your behalf. Supplemental purchases are those purchases made for you in excess of your firm power allocation.

For those activities with two or more sources such as two purchase power contracts, please add and report totals.

Discontinued Resource Activities	Off-line kW	Off-line kWh
1. Hydro (non-Western)	0	0
2. Natural Gas	0	0
3. Oil	0	0
4. Combined cycle gas/oil	0	0
5. Coal	0	0
6. Nuclear	0	0
7. Fuel Cell	0	0
8. Purchased Power Contract (Including discontinued supplemental purchases made by Western)	0	0
9. Diesel	0	0
Total:	0	0

Notes to Western:

N/A

## 6. Demand-Side Activities

Demand-side activities include measures the utility undertakes to change customer use of electricity, such as strategic conservation, peak clipping, load shifting, etc.

Note: Estimates of energy and capacity savings, and resource expenditures are acceptable if actual measures are unavailable.

Please list your current kW and kWh for demand-side activities (including those activities that came on-line during the reporting period), by type (residential appliance rebate program, commercial lighting measures, etc.). Include kW and kWh savings for all utilities covered in this report when multiple customers are involved (MBAs, etc.). Contact your regional representative for more information.

Current Resource Activities	kW Savings	kWh Savings
1. Agr./Irr. Appliance Rebate programs	0	0
2. Agr./Irr. Audit and Bldg Env. measures	0	0
3. Agr./Irr. Cooling/Ventilation measures	0	0

4. Agr./Irr. Heating/Drying measures	0	0
5. Agr./Irr. Load Mgmt programs	0	0
6. Agr./Irr. Pump/motor/ASD measures	0	0
7. Agr./Irr. Refrigerator/Freezer measures	0	0
8. Com./Ind. Air Conditioning measures	0	0
9. Com./Ind. Appliance rebate programs	0	0
10. Com./Ind. Audit and Bldg Envelope measures	0	0
11. Com./Ind. Cooking measures	0	0
12. Com./Ind. Heating measures	0	0
13. Com./Ind. Hot Water measures	0	0
14. Com./Ind. Motor/ASD programs	0	0
15. Com./Ind. Refrigerator/Freezer measures	0	0
16. Com./Ind. ventilation measures	0	0
17. Com./Ind./Agr./Irr. Lighting measures	0	0
18. Com./Ind/Agr./Irr. Load Mgmt programs	0	0
19. Ind. Process measures	0	0
20. Res. Air Conditioning measures	0	0
21. Res. Appliance rebate programs	0	0
22. Res. Audit and building envelope measures	0	0
23. Res. Cooking Measures	0	0
24. Res. Domestic Hot Water measures	0	0
25. Res. Heating measures	0	0
26. Res. Lighting measures	0	0
27. Res. Load Management programs	0	0
28. Res. Refrigerator/Freezer measures	0	0
29. Res. Ventilation measures	0	0
Other	0	0
Total:	0	0

Actual Expenditures: \$ 0

Target Expenditures: \$ 0

Expenditure Difference: \$ 0

**Notes to Western:**

The city does not have any DSM programs in place; however the City replaces street lighting with LED lamps and is in the process of installing VFDs in the City's treatment plant.

**7. Discontinued Demand-Side Activities**

Please list your kW and kWh for demand-side activities that went off-line during this reporting period or are no longer saving energy. Account for each demand-side activity only once to avoid double counting. Identify residential, commercial, industrial, agricultural, and irrigation.

Discontinued Resource Activities	kW Savings	kWh Savings
1. Agr./Irr. Appliance Rebate programs	0	0
2. Agr./Irr. Audit and Bldg Env. measures	0	0
3. Agr./Irr. Cooling/Ventilation measures	0	0

4. Agr./Irr. Heating/Drying measures	0	0
5. Agr./Irr. Load Mgmt programs	0	0
6. Agr./Irr. Pump/motor/ASD measures	0	0
7. Agr./Irr. Refrigerator/Freezer measures	0	0
8. Com./Ind. Air Conditioning measures	0	0
9. Com./Ind. Appliance rebate programs	0	0
10. Com./Ind. Audit and Bldg Envelope measures	0	0
11. Com./Ind. Cooking measures	0	0
12. Com./Ind. Heating measures	0	0
13. Com./Ind. Hot Water measures	0	0
14. Com./Ind. Motor/ASD programs	0	0
15. Com./Ind. Refrigerator/Freezer measures	0	0
16. Com./Ind. ventilation measures	0	0
17. Com./Ind./Agr./Irr. Lighting measures	0	0
18. Com./Ind/Agr./Irr. Load Mgmt programs	0	0
19. Ind. Process measures	0	0
20. Res. Air Conditioning measures	0	0
21. Res. Appliance rebate programs	0	0
22. Res. Audit and building envelope measures	0	0
23. Res. Cooking Measures	0	0
24. Res. Domestic Hot Water measures	0	0
25. Res. Heating measures	0	0
26. Res. Lighting measures	0	0
27. Res. Load Management programs	0	0
28. Res. Refrigerator/Freezer measures	0	0
29. Res. Ventilation measures	0	0
Other	0	0
Total:	0	0

Notes to Western:

N/A

### 8. Current Renewable Resource Activities

Renewable resource activities include generation sources owned by your utility or purchased via contract that are renewable in nature such as solar photovoltaic systems, small-scale hydro, geothermal power, wind power, biomass generation, green tags, white tags, etc.

Note: Estimates of energy and capacity, and resource expenditures are acceptable if actual measures are unavailable.

Please list your current kW and kWh for renewable resource activities (including those resources that came on-line during this reporting period), by type (such as solar photovoltaic, wind energy, etc.) and include the totals for all utilities which are included in this report. Contact your regional representative for more information.

Current Activities

Current kW

Current kWh

1. Bio-Gas	0	0
2. Bio-mass	0	0
3. Fuel Cells	0	0
4. Geothermal	0	0
5. Hydro - small scale	0	0
6. Solar	0	0
7. Wind	0	0
8. Green Tags Generated/purchased	0	0
9. White Tags Generated/purchased	0	0
Other	0	0
Total:	0	0

Actual Expenditures: \$ 0

Target Expenditures: \$ 0

Expenditure Difference: \$ 0

Notes to Western:

2012 Energy Suppliers to the Kansas Power Pool (not to exceed MW amounts)

Exelon Wind (Greensburg Wind Farm): 12.5 MW (wind)

Westar Energy (Jeffrey Energy Center): 50 MW (coal)

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Short Term Energy Market: Imbalance Needs (best available)

Member City Generation - 359 MW Imbalance Needs (natural gas, diesel)

KPP Generation Ownership (Dogwood): 42 MW (natural gas, steam)

**9. Discontinued Renewable Resource Activities**

Please list kW and kWh for renewable resource activities that went off-line during this reporting period (i.e., resources that are no longer generating or purchases no longer being made). For those activities with two or more sources (such as two wind energy projects), please add and include totals in the required fields.

Discontinued Resource Activities	Off-line kW	Off-line kWh
1. Bio-Gas	0	0
2. Bio-mass	0	0
3. Fuel Cells	0	0
4. Geothermal	0	0
5. Hydro - small scale	0	0
6. Solar	0	0
7. Wind	0	0
8. Green Tags Generated/purchased	0	0

9. White Tags Generated/purchased	0	0
Other	0	0
Total:	0	0

Notes to Western:

N/A

**10. Report Checklist**

Required activities for compliance with 10 CFR Part 905. Before submitting your report, you must acknowledge that you have complied with the activities listed below by checking each of the checkboxes.

- |   |     |
|---|-----|
| 1. Verify annual en. sales and usage is 25 GWh or less avg. over the prev. 5 yrs, or customer continues to be an end-use customer | Yes |
| 2. Identification of achievements against targeted action plans   | Yes |
| 3. A revised summary of actions if the previous action plan has expired.  | Yes |