



City of Goodland
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Goodland, Kansas 67735

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cityofgoodland.org
powerplant@goodlandks.us

January 23, 2012

Mr. Dave Neumayer
Power Marketing Manager
Western Area Power Administration
Rocky Mountain Region
P.O. Box 3700
Loveland, CO 80539-3003

Re: Integrated Resource Plan 2012
City of Goodland, Kansas

Dear Mr. Neumayer:

Enclosed you will find an executed copy of the IRP along with Resolution No. 1352 approving the City of Goodland, Kansas Integrated Resource Plan (IRP). Following you will also find the Level Pay Rate and Qualification for Rate Review mentioned on page 10. The documents were reviewed and approved by the City Commission at their regular meeting January 16, 2012. Should you need additional information please contact Shauna Johnson at (785) 890-4512 or myself at (785) 890-4530.

Sincerely,

Rod Blake,
Electric Production Superintendant

City of Goodland



IRP

Integrated Resource Plan

INTEGRATED RESOURCE PLAN (IRP)

Western Area Power Administration's (Western) customers must comply with the requirements of the Energy Planning and Management Program (EPAMP (10 CFR Part 905)) to meet the objectives of Section 114 of the Energy Policy Act of 1992 (EPAAct). A Western customer is any entity that purchases firm capacity with or without energy, from Western under a long-term firm power contract. Integrated resource planning allows customers to meet the objectives of Section 114 of EPAAct.

Integrated resource planning is a planning process for new energy resources that evaluates the full range of alternatives, including new generating capacity, power purchases, energy conservation and efficiency, renewable energy resources, district heating and cooling applications, and cogeneration, to provide reliable service to electric consumers. An IRP supports utility-developed goals and schedules. An IRP must treat demand and supply resources on a consistent and integrated basis. The plan must take into account necessary features for system operation, such as diversity, reliability, dispatchability, and other risk factors. The plan must take into account the ability to verify energy savings achieved through energy efficiency and the projected durability of such savings measured over time. (See 10 CFR § 905.11 (a)).

Who May Use This Form:

Utilities that primarily provide retail electric service that have limited staff, limited resource options, and obtain a significant portion of its energy needs through purchase power contracts are eligible to use this form. Utilities using this form may generate a limited amount of energy if the generating resources are primarily used as back up resources, to support maintenance and outages, or during periods of peak demand.

Completing This Form:

To meet the Integrated Resource Planning reporting requirement, complete this form in electronic format in its entirety. Unaddressed items will be deemed incomplete and the IRP may not be eligible for approval. All of the data fields in this form automatically expand. Additional information may be attached to and submitted with this report. Western reserves the right to require supporting back-up materials or data used to develop this report. If there is any conflict between this form and the requirements defined in EPAMP, the requirements in EPAMP shall prevail.

Submit the completed report with a cover letter to:

Attention: Power Marketing Manager
Western Area Power Administration
Rocky Mountain Region
P.O. Box 3700
5555 E. Crossroads Blvd.
Loveland, CO 80539-3003

EPAMP Overview

The Energy Planning and Management Program (EPAMP) is defined in the Code of Federal Regulations in Title 10, Part 905 (10 CFR 905). The purposes of EPAMP are to meet the objectives of the Energy Policy Act of 1992 (EPAAct) while supporting integrated resource planning; demand-side management, including energy efficiency, conservation, and load management; and the use of renewable energy.

EPAMP was initially published in the Federal Register at 60 FR 54714 on October 20, 1995, and revised in 65 FR 16795 on March 30, 2000, and 73 FR 35062 on June 20, 2008. 10 CFR § 905.11 defines what must be included in an IRP.

Western's Energy Services Web site (www.wapa.gov/es/irp) provides extensive information on integrated resource planning and reporting requirements. If you have questions or require assistance in preparing your IPR, contact your Western regional Energy Services representative.

IRP Content

Cover Page.....	Customer Name & Contact Information
Section 1.....	Utility/Customer Overview
Section 2.....	Future Energy Services Projections (Load Forecast)
Section 3.....	Existing Supply-Side Resources
Section 4.....	Existing Demand-Side Resources
Section 5.....	Future Resource Requirements and Resource Options
Section 6.....	Environmental Effects
Section 7.....	Public Participation
Section 8.....	Action Plan and Measurement Strategies
Section 9.....	Signatures and Approval

INTEGRATED RESOURCE PLAN (IRP) 5-Year Plan

Customer Name:
City of Goodland, Kansas

IRP History: Check one as applicable.	
<input checked="" type="checkbox"/>	This is the submitter's first IRP submittal.
<input type="checkbox"/>	This submittal is an update/revision to a previously submitted IRP.

Reporting Dates:	
IRP Due Date:	January 31, 2012
Annual Progress Report Due Date:	October 1, 2012

Customer Contact Information: Provide contact information for your organization. The contact person should be able to answer questions concerning the IRP.	
Customer Name:	City of Goodland, Kansas
Address:	PO Box 59
City, State, Zip:	Goodland, KS 67735
Contact Person:	Rod Blake
Title:	Supt. Electric Production
Phone Number:	785-890-4530
E-Mail Address:	powerplant@goodlandks.us
Website:	www.cityofgoodland.org

Type of Customer: Check one as applicable.	
<input checked="" type="checkbox"/>	Municipal Utility
<input type="checkbox"/>	Electric Cooperative
<input type="checkbox"/>	Federal Entity
<input type="checkbox"/>	State Entity
<input type="checkbox"/>	Tribal
<input type="checkbox"/>	Irrigation District
<input type="checkbox"/>	Water District
<input type="checkbox"/>	Other (Specify):

SECTION 1**UTILITY/CUSTOMER OVERVIEW****Customer Profile:**

Enter the following data for the most recently completed annual reporting period. Data may be available on form EIA-861, which you submit to the U.S. Energy Information Administration (EIA).

Reporting Period	
Reporting Period Start Date (mm/dd/yyyy)	January 1, 2010
Reporting Period End Date (mm/dd/yyyy)	December 31, 2010
Energy Sales & Usage	
Energy sales to Ultimate End Customers (MWh)	46,215
Energy sales for Resale (MWh)	
Energy Furnished Without Charge (MWh)	
Energy Consumed by Respondent Without Charge (MWh)	
Total Energy Losses (MWh entered as positive number)	10,055
Total Energy Usage (sum of previous 5 lines in MWh)	56,270
Peak Demand (Reporting Period)	
Highest Hourly Summer (Jun. – Sept.) Peak Demand (MW)	12.4
Highest Hourly Winter (Dec. – Mar.) Peak Demand (MW)	9.1
Date of Highest Hourly Peak Demand (mm/dd/yyyy)	July 13, 2010
Hour of Highest Hourly Peak Demand (hh AM/PM)	16:00 M.T.
Peak Demand (Historical)	
All-Time Highest Hourly System Peak Demand (MW)	12.9
Date of All-Time Hourly System Peak Demand (mm/dd/yyyy)	July 19, 2011
Hour of All-Time Hourly Peak System Demand (hh AM/PM)	16:00 M.T.
Number of Customers/Meters (Year End of Reporting Period)	
Number of Residential Customers	2172
Number of Commercial Customers	464
Number of Industrial Customers	50
Other (Specify):	

Customer Service Overview:

Describe your customer service territory and the services provided. Include geographic area, customer mix, key customer and significant loads, peak demand drivers, competitive situation, and other significant or unique aspects of the customer and/or service territory. Provide a brief summary of the key trends & challenges impacting future resource needs including population changes, customer growth/losses, and industrial developments.

- The City of Goodland provides electricity to residential, commercial and industrial Customers mostly located in the City limits, but with a small quantity outside city limits.
- Area is NW Kansas, flat farming community
- Customers with significant load are
Wal-Mart, Hotels, Grain Elevators, Hospital and College
- Peak Demand for High Users
Wal-Mart – Usually hot summer day loads
Hotels – Travel vacation times
Grain Elevators- During harvest of crops
College – While class is in session
- Trends have been declining population and some influx of Low Income households. Our college is growing so we are getting more students.
- Industrial Developments could include growth of our Industrial Park, starting with the Sunflower Plant already located there.
- Recent annexation of CPS to receive incentives offered by the City
- Outside our service area Midwest Energy provides Electric Service.
- Our mission is to keep rates low for our customers, but also providing efficient and reliable energy.
- Our current rates are comparable to Midwest Energy with their average being \$.11 per KWH for residential and our being \$.112 per KWH.

Electricity Utility Staff & Resources:

Summarize the number of full-time equivalent employees by primary functions such as power production, distribution, and administration. Describe any resource planning limitations, including economic, managerial, and/or resource capabilities.

The City of Goodland has seven Electric Production Employees, Six Electric Distribution employees and Five Administrative Employees.

Resource planning limitations can be directly affected by the economy at this time. Goodland's economy is almost exclusively agriculture related. Another large factor is that Goodland has only one power source that feeds the town. The Municipal Power Plant is the exclusive backup power source for the town.

The City of Goodland is limited due to low cash flow.

Historical Energy Use:

Enter the peak system demand and total annual energy use for the preceding ten (10) reporting years. For total energy, include retail sales, energy consumed or provided without charge, and system losses.

Reporting Year	Peak Demand (MW)	Total Energy (MWh)
2002	12.3	52,981
2003	12.4	52,546
2004	12.0	52,530
2005	12.8	54,757
2006	12.7	54,680
2007	12.8	56,073
2008	11.8	54,319
2009	11.5	53,587
2010	12.4	56,736
2011	12.9	57,065

SECTION 2**FUTURE ENERGY SERVICES PROJECTIONS****Load Forecast:**

Provide a load forecast summary for the next ten (10) years; **and** provide a narrative statement describing how the load forecast was developed. Discuss any expected future growth. If applicable, you may attach a load forecast study and briefly summarize the results in this section. (See 10 CFR § 905.11 (b) (5)).

Load Forecast:

Reporting Year	Peak Demand (MW)	Total Energy (MWh)
2012	12.9	57,362
2013	12.9	57,534
2014	13.0	57,706
2015	13.0	57,879
2016	13.1	58,053
2017	13.1	58,227
2018	13.2	58,402
2019	13.4	58,577
2020	13.5	58,906
2021	13.6	59,259

Narrative Statement:

Goodland's load growth has been 8% over the previous 10 yrs. Future load however is expected to flatten out over the next 10 years or so. Due to the lack of industry in our area, as well as a very limited work force, growth will be little at best.

SECTION 3

EXISTING SUPPLY-SIDE RESOURCES

Existing Supply-Side Resource Summary:

Provide a general summary of your existing supply-side resources including conventional resources, renewable generation, and purchase power contracts (including Western Area Power Administration contracts). Describe the general operation of these resources and any issues, challenges, or expected changes to these resources in the next five (5) years. (See 10 CFR § 905.11 (b) (1)).

The City of Goodland has had a power supply contract with Sunflower Electric in various forms starting in the early 1980's to present. In 2009 the City began receiving an allocation of WAPA power, in addition to power received from Sunflower. Goodland relies on Sunflower and its energy portfolio along with WAPA energy to meet the cities energy need. As mentioned before, the City owns and maintains its own power plant for purposes of back up power and peak shaving as well. The City power plant is intending on full compliance for the EPA, RICE/NESHAP rule. Preliminary testing has been done to determine what equipment will be needed to put generating units into compliance as well as what the end cost will be. There is one feed line from the City, seven miles out to connect with Sunflower. This has been and will continue to be our avenue for reliable delivery of power to the City. As for power contracts, the City at present is in negotiations with power suppliers for a long term power agreement.

At the end of May 2012 our contract with Sunflower expires.

Existing Generation Resources:

List your current supply-side resources, including conventional resources and renewable generation. If you do not own any generating resources, insert N/A in the first row. Insert additional rows as needed.

Resource Description (Identify resources as base load, intermediate, or peaking)	Fuel Source	Rated Capacity (MW)	In-Service Date (Year)	Estimated Expiration/Retirement Date (Year)
Peaking IC	D.F	5.01	1974	N/A
Peaking IC	D.F	4.30	1978	N/A
Peaking IC	D.F	2.27	1966	N/A
Peaking IC	D.F	2.27	1963	N/A
Peaking IC	D.F	2.07	1971	N/A
Peaking IC	D.F	1.36	1999	N/A
Peaking IC	D.F	1.0	1994	N/A

Existing Purchase Power Resources:

List your current purchase power resources. Define whether the contract provides firm service, non-firm service, all requirements or another type of service. Include Western Area Power Administration resources. If applicable, include a summary of resources that are under a net metering program. Insert additional rows as needed.

Resource Description	Fuel Source (If applicable)	Contracted Demand (MW)	Type of Service (Firm, Non-firm, Requirements, Other)	Expiration Date (Year)
WAPA	Hydro	1 MW	Firm	Sept 30, 2024
Sunflower Electric Corp	Coal	4 MW	Firm	May 31, 2012
Sunflower Electric Crop	Coal		Schedule C Market	May 31, 2012

SECTION 4**EXISTING DEMAND-SIDE RESOURCES**

Demand-side programs alter a customer's use pattern and include energy conservation, energy efficiency, load control/management, education, and distribution system upgrades that result in an improved combination of energy services to the customer and the ultimate consumer.

Existing Demand-Side Resources:

List your current demand-side programs, including energy conservation, energy efficiency, load control/management, education, or maintenance plans, or system upgrades. Programs may impact the utility distribution system, municipally owned facilities, and/or end-user energy consumption. Refer to Section 9 of this form for a list of example programs. Insert additional rows as needed.

(See 10 CFR § 905.11 (b) (1)).

Program Description	Estimated Program Savings (MW and/or MWh if known) (Include annual impact and impact over the life of the program if known.)
Continue with Community Involvement.	Unknown
System Upgrades/New switchyard and possibly new east sub.	Unknown
Level Pay Rate- See attached sheet labeled Level Pay Rate	Unknown
Rate Review every February- See attached sheet labeled Qualification for Rate Review	Unknown
Have started on LED Lighting changeover program.	Unknown
Tree trimming on system. Also infrared imaging on System loops & feeders.	Unknown
Upgraded tie transformer, oil substation, breakers And switches.	Unknown

SECTION 5

FUTURE RESOURCE REQUIREMENTS AND RESOURCE OPTIONS

Balance of Loads and Resources (Future Resource Requirements):

Provide a narrative statement that summarizes the new resources required to provide retail consumers with adequate and reliable electric service during the 5-year resource planning period. Identify any federal or state regulations that may impact your future resource requirements. If you are not experiencing or anticipating load growth and a need for new resources, describe your current procedure to periodically evaluate the possible future need for new resources.

The need for a new switchyard and probably one more substation in the east part of town should be looked into in the next 5 years. The need for a new substation is based on small growth that we have experienced in last 5 years, because of growth, voltage issues could become an issue.

The City has limited load growth so no need for expansion of system just minor upgrades.

We will be negotiating a new contract with Sunflower Electric when contract expires in May of 2012.

Identification of Resource Options

Identification and comparison of resource options is an assessment and comparison of existing and future supply-side and demand-side resources available to a customer based upon size, type, resource needs, geographic area, and competitive situation. Resource options evaluated must be identified. The options evaluated should be related to the resource situation unique to each Western customer as determined by profile data such as service area, geographical characteristics, customer mix, historical loads, projected growth, existing system data, rates, financial information, and load forecast. (See 10 CFR § 905.11 (b) (1)).

Considerations that may be used to develop potential resource options include cost, market potential, consumer preferences, environmental impacts, demand or energy impacts, implementation issues, revenue impacts, and commercial availability. (See 10 CFR § 905.11 (b) (1) (iii)).

Future Supply-side Options:

List the future supply-side resource options that were considered and evaluated, including, but not limited to conventional generation, renewable generation, and power purchase contracts. Include a brief discussion on the applicability of each option for further consideration or implementation based on your system requirements and capabilities. If new resources are not required during the 5-year resource planning period, please indicate that below. Insert additional rows as needed. (See 10 CFR § 905.11 (b) (1)).

Supply-Side Option	Applicability for Implementation or Further Consideration
W.A.P.A	Allocated thru the year 2024
Sunflower Power Supply contract	Currently negotiating a 20 Year contract
K.M.E.A	Currently in negotiation on EMP 2 project.
Membership to Sunflower	Investigated but no longer considering because of sunflower membership criteria.
Wind Generation	We have had a few companies approach us, but nothing ever came of it.
G.E.C (Proposed Bio-Mass/ coal plant	Failed due to lack of funds
Midwest Energy	Transmission system could not handle our load.

Future Demand-side Options:

List the future demand-side resource options that were considered and evaluated. Demand-side programs alter a customer's use pattern and include energy conservation, energy efficiency, load control/management, education, and distribution system upgrades that result in an improved combination of energy services to the customer and the ultimate consumer. Include a brief discussion on the applicability of each option for further consideration or implementation based on your system requirements and capabilities. Insert additional rows as needed. (See 10 CFR § 905.11 (b) (2)).

Demand-Side Option	Applicability for Implementation or Further Consideration
The need for upgrading substation at Power Plant	Consult Electrical Engineer
Educate consumer on how to become Energy Efficient	This would be one of the easiest ways to help the consumer. Would involve the City attending main functions in town equipped with information
Rewards for bringing down consumption during peak hours	Offer incentive programs to business when they have reduced consumption during peak periods for 3 consecutive months. Will require smart metering system
Recycle of old appliance rebate programs	Offer \$50 rebate on electric utility bill to customers who have shown proof of purchase of new EE appliance. This rebate is a one-time rebate per appliance.
Changing of building codes to make new construction EE	Very time consuming but worthwhile project to ensure codes for future construction included EE programs.
EE retrofit loan program	Very hard to implement because of money, and getting local banks to buy into program.

Resource Options Chosen:

Describe the resource options that were chosen for implementation or further consideration and clearly demonstrate that decisions were based on a reasonable analysis of the options. Resource decisions may strike a balance among applicable evaluation factors such as cost, market potential, customer preferences, environmental impacts, demand or energy impacts, implementation issues or constraints, revenue impacts, and commercial availability. (See 10 CFR § 905.11 (b) (1) (iv)).

Staff proposed resource options in 4th quarter 2011 for City management and City Commission review in early 2012. Evaluation of options will continue after review of Commission.

Sunflower owns and operates all of its transmission and distribution lines, which serves the City of Goodland. Goodland has had a long-standing relationship with Sunflower Electric and it makes sense to continue that relationship for our primary electric energy needs. Contract negotiations are underway with Sunflower and KMEA as well.

SECTION 6

ENVIRONMENTAL EFFECTS

Environmental Effects:

To the extent practical, Western customers must minimize environmental effects of new resource acquisitions and document these efforts. IRPs must include a qualitative analysis of environmental impacts in summary format. Describe the efforts taken to minimize adverse environmental effects of new resource acquisitions. Describe how your planning process accounts for environmental effects. Include a discussion of policies you conform with or adhere to, and resource decisions that have minimized or will minimize environmental impacts by you and/or your wholesale electricity supplier(s). Western customers are neither precluded from nor required to include a qualitative analysis of environmental externalities as part of the IRP process. If you choose to include a quantitative analysis, in addition to the summary below, please attach separately. (See 10 CFR § 905.11 (b) (3)).

The City Power Plant reports annually to KDHE as well as the Department of Energy. Due to the EPA, the RICE/NESHAP Rule has introduced even higher emissions standards that will need to be met. The City of Goodland will spend upwards of 650K to meet these Rice Rule requirements. Once the catalytic converter has been installed a micro-presser will analyze data minute by minute and record that data from the Engine. It will then be monitored by the plant operator and later sent to KDHE for review and approval.

Sunflower Electric does have a % of Renewable Energy Resources. They are currently involved with two wind farms. They are also looking into installing a smaller reciprocating plant to follow the wind farm outputs, which will take some of the strain off of Holcomb 1.

City of Goodland made arrangements to take deliver of WAPA allocations in 2009, which reduces the amount of energy produced using fossil fuels.

SECTION 7

PUBLIC PARTICIPATION

Public Participation:

Customers must provide ample opportunity for full public participation in preparing and developing an IRP. Describe the public involvement activities, including how information was gathered from the public, how public concerns were identified, how information was shared with the public, and how your organization responded to the public's comments. (See 10 CFR § 905.11 (b) (4)).

Throughout the previous 9 months the City has been very visible to the public. During every event we gave away light bulbs, weatherization kits and educational tools. We were overwhelmed how every event we attended we had more and more people wanting to become Energy Efficient in their homes.

January- We went to every local organization in the city, Ambassadors, Kiwanis, Rotary, Elks and Realtors Association. Had a booth at a Health Fair event.

February-We had a booth at the local basketball game.

March – Visiting all the schools with an Energy Bandit skit performed by some High School Students.

April/May – Free hotdog feed, again did the Energy Bandit skit. Got the community involved by inviting local Home improvement stores to have displays, along with the college classes.

June – Inviting the public to the Goodland Public Pool for food and entertainment.

August – Set up a booth at the Northwest Kansas Free Fair and had over 200 people visit our booth

September – Asked all schools to bring students to the Power Plant for a tour where our operators answered questions. After the tours the teachers did activities in the classroom to help students understand Energy Efficiency even further. Opened the Power Plant up for the public to view and ask questions.

IRP was put on agenda and presented to City Council on January 16th, 2012. Normal publication was followed. There was not public comments or comments from council. Resolution passed.

IRP has been made available for public viewing on the City of Goodland website. Notice of such viewing posted on City of Goodland Monthly Newsletter. Final IRP will also be posted on Western Area Power Adm. Energy Services Website.

SECTION 8**ACTION PLAN &
MEASUREMENT STRATEGIES****Action Plan Summary:**

Describe the high-level goals and objectives that are expected to be met by the implementation of this resource plan within the 5-year resource-planning period. Include longer term objectives and associated time period(s) if applicable. (See 10 CFR § 905.11 (b) (2)) and (See 10 CFR § 905.11 (b) (6)).

These will be taking place during our Integrated Resource Plan period of 2012-2016

- Educate customers about benefits of Energy Efficiency and reducing energy consumed by the City of Goodland.
- Promote Energy Efficiency throughout City properties and business customers.
- Promote Energy Audits for customers property to promote Energy Efficiency
- Continue implementing Energy Efficiency measure throughout City properties.
- Provide adequate and reliable energy.

Specific Actions:

List specific actions you will take to implement your plan over the 5-year planning horizon.

New Supply-Side Resource Acquisitions:

List new resource options your organization is planning to implement, investigate, or pursue in the next five years. Include conventional generation, renewable resources, net metering programs, and purchase power contracts. Include key milestones such as the issuing an RFP, executing a contract, or completing a study. (See 10 CFR § 905.11 (b) (2)).

Proposed New Resource	Begin Date	Est. New Capacity (MW)	Milestones to evaluate progress and/or accomplishments
Long term power supply Contract	2012	All Requirements	New Power Purchase contract signed in 2012

New Demand-Side Programs & Energy Consumption Improvements:

List energy efficiency, energy conservation, and load management programs your organization is planning to implement or evaluate in the next five years. Include key milestones to evaluate the progress of each program. Insert additional rows as needed. (See 10 CFR § 905.11 (b) (2)).

Example programs could include:

- Education programs & communications
- Energy efficient lighting upgrades
- Energy audits
- Weatherization & Insulation
- Window/doors upgrades
- Boiler, furnace or air conditioning retrofits
- Programmable thermostats
- Equipment inspection programs
- Use of infrared heat detection equipment for maintenance
- Tree-trimming/brush clearing programs
- Electric motor replacements
- Upgrading distribution line/substation equipment
- Power factor improvement
- Loan arrangements for energy efficiency upgrades
- Rebate programs for energy efficient equipment
- Key account programs
- Load management programs
- Demand control equipment
- Rate designs
- Smart meters (Time-of-Use Meters)

Proposed Items	Begin Date	Est. kW capacity savings per year	Est. kWh savings per year	Milestones to evaluate progress and/or accomplishments
Energy Efficient Lighting upgrades	8/2011		35000 kw/per year	
Infrared imaging of Entire Distribution System	1/2012			Less outages due to equipment failure because of overheating
Tree Trimming	On Going			Limited outages due to tree tree limbs on power lines.
Upgrading Distribution system/Substations	6/2011			Better voltage to customers in peak summer hours.
Smart Metering System	2012			
City facilities Energy Audit	2012			Drop of City usage
EE Retrofit Loan Program/ Rebate Program	2012			Drop in Customer Usage
Appoint Energy Efficient Coordinator	2012			Person already appointed Jan 2012

Measurement Strategies:

Describe your plan to evaluate and measure the actions and options identified in the IRP to determine if the IRP's objectives are being met. The plan must identify and include a baseline from which you will measure the IRP implementation's benefits. (See 10 CFR § 905.11 (b) (6)).

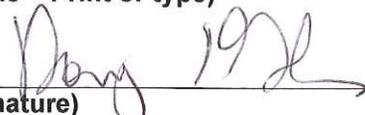
The City will use 2011 for data baseline.

Once a year the IRP will be reviewed and then submitted to Western Area Power.

We will track progress of programs, and review results with staff and City Council annually.

SECTION 9**SIGNATURES AND APPROVAL****IRP Approval:**

Indicate that all of the IRP requirements have been met by having the responsible official sign below; **and** provide documentation that the IRP has been approved by the appropriate governing body (i.e. provide a copy of the minutes that document an approval resolution). (See 10 CFR § 905.11 (b) (4)).

<u>Doug Gerber</u>	<u>City Manager</u>
(Name – Print or type)	(Title)
<u></u>	<u>1/19/12</u>
(Signature)	(Date)

Other Information:

(Provide/attach additional information if necessary)

IRP Posting Requirement:

10 CFR § 905.23 of the EPAMP as amended effective July 21, 2008, facilitates public review of customers' approved IRPs by requiring that a customer's IRP be posted on its publicly available Web site or on Western's Web site. Please check the method in which you will comply with this requirement within thirty (30) days of receiving notification the IRP has been approved:

<input type="checkbox"/>	Customer will post the approved IRP on its publicly available website and send the URL to Western.
<input checked="" type="checkbox"/>	Customer would like Western to post the approved IRP on Western's website.

IRP Updates:

Western's customers must submit updated IRPs every five (5) years after Western's approval of the initial IRP.

IRP Annual Progress Reports:

Western's customers must submit IRP progress reports each year within thirty (30) days of the anniversary date of the approval of the currently applicable IRP. Annual progress reports can be submitted using Western's on-line reporting tool, which can be accessed at: www.wapa.gov/es/irp

RESOLUTION NO. 1352

RESOLUTION APPROVING THE INTEGRATED RESOURCE PLAN FOR THE CITY OF GOODLAND UTILITIES PERTAINING TO PLANNING FOR NEW ENERGY SOURCES

WHEREAS, the City of Goodland has prepared a Integrated Resource Plan in accordance with Department of Energy Regulations at 10 CFR Part 905, Subpart B for submittal to the Western Area Power Administration in accordance with the regulations; and

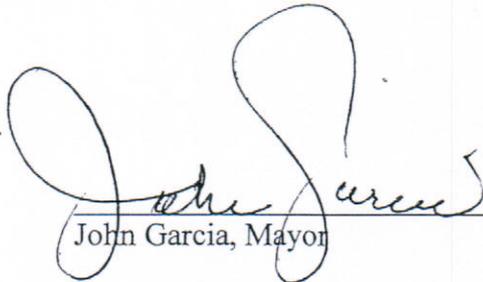
WHEREAS, the City of Goodland reviewed the Integrated Resource Plan at its regular meeting on 16th day of January 2012; and

WHEREAS, the City of Goodland has considered all matters it deemed necessary or appropriate to enable it to review, evaluate and reach an informed conclusion as to completeness and approval of the Integrated Resource Plan as supplemented and has determined that the Integrated Resource Plan as supplemented is complete to and in the best interests of the City of Goodland.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF GOODLAND, KANSAS, THAT:

1. The Integrated Resource Plan as supplemented is determined complete and is approved for submittal to the Western Area Power Administration pursuant to Department of Energy Regulations at 10 CFR Part 905, Subpart B, and provides for the overall direction of activities related to providing adequate and reliable electric services; and further.
2. The City Manager of the City of Goodland is authorized and directed to execute such planning activities as are necessary to provide reliable electric energy consistent with the Integrated Resource Plan as supplemented.

Adopted this 16th day of January, 2012.


John Garcia, Mayor




Mary P. Volk, City Clerk

Tier Rate Customers Annual Acct. Review From Feb. 1, (10) to Jan. 31, (11)

	Acct Name	Meter Number	2010				
			Total Yr Tier Dmd	Tier Rate Yrly Cost	Total Yr Mtrd Dmd	Metered Dmd Yearly Cost	Difference
1	Customer 101250001	58244257	564 Mo. 47	\$3,711.12	623.2 51.9	\$4,100.66	\$389.54
2	Customer 1417410001	54616411	564 Mo. 47	\$3,711.12	603.0 50.3	\$3,967.74	\$256.62
3	Customer 2541600001	58457783	564 Mo 47 KW	\$3,711.12	602.4 50.2	\$3,963.79	\$252.67
4	Customer 2947900002	58255666	564 Mo. 47	\$3,711.12	539.2 44.9	\$3,547.94	(\$163.18)
5	Customer 2949530004	58255668	564 Mo. 47	\$3,711.12	717.2 59.8	\$4,719.18	\$1,008.06
6	Customer 9795250001	34942217	564 Mo. 47	\$3,711.12	603.2 50.3	\$3,969.06	\$257.94
7	Customer 2237710001	34479610	720 Mo 60 KW	\$4,737.60	783.2 65.3	\$5,153.46	\$415.86
8	Customer 2947700004	58457796	720 Mo. 60 KW	\$4,737.60	680.8 56.7	\$4,479.66	(\$257.94)
9	Customer 809486001	39752539	900 Mo. 75 KW	\$5,922.00	936 78.0	\$6,158.88	\$236.88
10	Customer 2642940001	40208096	900 Mo. 75 KW	\$5,922.00	1038.8 86.6	\$6,835.30	\$913.30
11	Customer 2948390002	58457802	900 Mo. 75 KW	\$5,922.00	886.4 73.9	\$5,832.51	(\$89.49)
12	Customer 809481001	54616419	1044 Mo. 87 KW	\$6,869.52	1144 95.3	\$7,527.52	\$658.00
13	Customer 1722220002	58457780	1044 Mo. 87 KW	\$6,869.52	1154.4 96.2	\$7,595.95	\$726.43
14	Customer 1831470001	58457782	1044 Mo. 87 KW	\$6,869.52	1014.4 84.5	\$6,674.75	(\$194.77)
15	Customer 2134750001	58255673	1044 Mo. 87 KW	\$6,869.52	1103.2 91.9	\$7,259.06	\$389.54
16	Customer 3354440001	57052339	1260 Mo. 105 KW	\$8,290.80	1281.6 106.8	\$8,432.93	\$142.13
17	Customer 2947640004	58457774	2340 Mo 195 KW	\$15,397.20	2938.4 244.9	\$19,334.67	\$3,937.47
18	Customer 1830340001	38438006	3108 Mo. 259	\$20,450.64	2987.6 249.0	\$19,658.41	(\$792.23)
19	Customer 3354760004	59732891	5172 Mo. 431 KW	\$34,031.76	5315.2 442.9	\$34,974.02	\$942.26

2011			2009	
Total Yr Tier Dmd	Tier Rate Yrly Cost	Savings for 2009	Total Saved In 2 Years	
47	\$3,711.12	\$271.10	\$660.64	
47	\$3,711.12	\$217.14	\$473.76	
47	\$3,711.12	(\$75.01)	\$177.66	
47	\$3,711.12	(\$71.06)	(\$234.24)	
60	\$4,737.60	\$702.74	\$1,710.80	
47	\$3,711.12	\$84.22	\$342.16	
60	\$4,737.60	\$242.15	\$658.01	
60	\$4,737.60	\$718.54	\$460.60	
75	\$5,922.00	\$105.28	\$342.16	
87	\$6,869.52	\$310.58	\$1,223.88	
75	\$5,922.00	-\$194.77	(\$284.26)	
87	\$6,869.52	(\$65.80)	\$592.20	
87	\$6,869.52	\$442.18	\$1,168.61	
87	\$6,869.52	\$394.80	\$200.03	
87	\$6,869.52	\$379.01	\$768.55	
105	\$8,290.80	(\$1,237.04)	(\$1,094.91)	
259	\$20,450.64	\$642.21	\$4,579.68	
259	\$20,450.64	(\$331.63)	(\$1,123.86)	
431	\$34,031.76	\$1,131.76	\$2,074.02	

Tier Rate Customers Annual Acct. Review From Feb. 1, (10) to Jan. 31, (11)

20	Customer 1830340001	54616417	564 Mo 47 KW	\$3,711.12	601.6 50.1	\$3,958.53	\$247.41
21	Customer 1830340001	51870934	720 Mo 60 KW	\$4,737.60	721.6 60.1	\$4,748.13	\$10.53
TOTALS							\$9,287.01

47	\$3,711.12	(\$257.94)	(\$10.53)	
60	\$4,737.60	\$800.13	\$810.66	

Industrial Customers that are eligible for a Tier Rate

	Acct Name	Meter Number	OFFERED 2010		Actual Usage 2010			2010			Total Saved In 2 Years	Comments
			Total Yr Tier Dmd	Tier Rate Yrly Cost	Total Yrly Mtrd Dmd	Metered Dmd Yearly Cost	Difference If Accepted	Total Yr Tier Dmd	Tier Rate Yrly Cost	Could of S/L for 2009		
1	Customer 1830840002	58457781	720 Mo. 60	\$4,737.60	670.4 55.9	\$4,411.23	(\$326.37)	47	\$3,711.12	\$1,137.06	\$810.69	
2	Customer 2947710001	54616414	1044 Mo. 87 KW	\$6,869.52	1013.6 84.5	\$6,669.49	(\$200.03)	87	\$6,869.52	\$772.39	\$572.36	
3	Customer 2947980007	58457806	900 Mo. 75 KW	\$5,922.00	814.8 67.9	\$5,361.38	(\$560.62)	75	\$5,922.00	(\$331.63)	(\$892.25)	
4	Customer 2948050004	58457797	564 Mo. 47 KW	\$3,711.12	734.4 61.2	\$4,832.35	\$1,121.23	60	\$4,737.60	-\$389.54	\$731.69	
5	Customer 2948300002	58255642	1044 Mo. 87 KW	\$6,869.52	992.4 82.7	\$6,529.99	(\$339.53)	87	\$6,869.52	(\$214.51)	(\$554.04)	
6	Customer 2948350005	34942218	900 Mo. 75 KW	\$5,922.00	875.2 72.9	\$5,758.82	(\$163.18)	75	\$5,922.00	(\$605.36)	(\$768.54)	
7	Customer 2948784004	58255633	No Offer	\$ 27,241.20	4253.8 354.5	\$27,989.74	\$748.54	345	\$ 27,241.20		\$748.54	
8	Customer 3354390002	51870933	No Offer	\$ 20,450.64	2683.2 223.6	\$17,655.46	(\$2,795.18)	259	\$ 20,450.64		(\$2,795.18)	
9	Customer 3354390302	56677075	1044 Mo. 87 KW	\$6,869.52	660.0 55.0	\$4,342.80	(\$2,526.72)	47	\$3,711.12	\$2,842.56	\$315.84	
10	Customer 3354470201	58255631	564 Mo. 47	\$3,711.12	588.4 49.0	\$3,871.67	\$160.55	47	\$3,711.12	\$618.52	\$779.07	
11	Customer 3354470301	58255637	720 Mo. 60 KW	\$4,737.60	769.6 64.1	\$5,063.97	\$326.37	60	\$4,737.60	\$63.17	\$389.54	
12	Customer 3354500201	58255638	3108 Mo. 259 KW	\$20,450.64	3403.2 283.6	\$22,393.06	\$1,942.42	259	\$20,450.64	\$2,679.38	\$4,621.80	
13	Customer 3354600006	38438007	900 Mo. 75 KW	\$5,922.00	764.0 63.7	\$5,027.12	(\$894.88)	60	\$4,737.60	94.75	(\$800.13)	
14	Customer 9795000001	58457768	900 Mo. 75 KW	\$5,922.00	832 69.3	\$5,474.56	(\$447.44)	75	\$5,922.00	\$947.52	\$500.08	
15	Customer 9795310001	58457770	720 Mo 60 KW	\$4,737.60	668.0 55.7	\$4,301.92	(\$435.68)	47	\$3,711.12	\$637.17	\$201.49	
16	Customer 3354230201	55046134	12600 Mo. 105 KW	\$8,290.80	1279.6 106.6	\$8,419.77	\$128.97	105	\$8,290.80	\$2,630.69	\$2,759.66	
17	Customer 3354580007	40208097	1500 Mo. 125 KW	\$9,870.00	1656 138.0	\$10,896.48	\$1,026.48	125	\$9,870.00	-\$2,237.20	(\$1,210.72)	
18	Customer 2947710001	54616416	1500 Mo 125 KW	\$9,870.00	2183.0 181.9	\$14,364.40	\$4,494.40	195	\$15,397.20	(\$1,733.96)	\$2,760.44	

**CITY OF GOODLAND
ELECTRIC UTILITY
RATE REVIEW 2011**

COMMERICAL I:

All Business accounts start as a Commercial I account, until history is established. Monthly charge of \$19.73 verses paying a monthly demand amount.

Any commercial I account with a:

3 Phase Non-Demand Meter with 450 KWH usage any 3 consecutive months – will need a demand meter.

COMMERICAL II:

3 Phase Demand Meter with 2,000 KWH usage and a Demand usage between 10 and 39 in any 3 consecutive months.

1 Phase Demand Meter with 2,000 KWH usage and a Demand usage between 15 and 39 in any 3 consecutive months.

COMMERICAL III:

These are accounts that qualify to be a commercial II account, but is subject to a \$6.44 monthly demand charge instead of the \$6.58 charge.

Only accounts that qualify to be classified as a Commercial III accounts are Sherman County, NWKS Technical College, and USD #352.

COMMERICAL STORAGE:

Any Commercial account that has multiple meters and the second or succeeding account or meter is for storage only; annual usage on meter has to be equal to or less than 1200 KWH.

INDUSTRIAL TIER RATE:

Any account with usage of 2,000 KWH or more and a Demand usage of 40 or more KW for the SAME 3 consecutive months will change to an Industrial account

All Industrial Accounts who's demand read falls into the following chart are subject to a 12 month average usage rate when the Tier Rate Agreement has been signed and returned.

<u>Tier</u>	<u>12 Mth Avg. Use</u>	<u>Dmd KW Charged</u>	<u>Monthly Cost</u>	<u>Annual Cost</u>
A	41-55	47	\$ 309.26	\$ 3,711.12
B	56-65	60	394.80	4,737.60
C	66-80	75	493.50	5,922.00
D	81-100	87	572.46	6,869.52
E	101-115	105	690.90	8,290.80
F	116-140	125	822.50	9,870.00
G	141-180	155	1,019.90	12,238.80
H	181-220	195	1,283.10	15,397.20
I	221-306	259	1,704.22	20,450.64
J	307-392	345	2,270.10	27,241.20
K	393-478	431	2,835.98	34,031.76
L	479-564	517	3,401.86	40,822.32