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February 28, 2012

Western Area Power Administration
Power Marketing Manager
Dave Neumayer
Rocky Mountain Region
P.O. Box 3700
5555 E. Crossroads Blvd.
Loveland, Co. 80539-3003

Dear Dave:

Enclosed you will find The City of Burlington's 5-Year Integrated Resource Plan, along with Resolution 2012-03. If you have any questions feel free to contact Shelly Clark at 719-346-8652 or email to shelly.clark@burlingtoncolo.com.

Sincerely,

A handwritten signature in black ink that reads "Shelly Clark".

Shelly Clark
City Deputy Clerk
City of Burlington

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 (EPAct). 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 EPAct.

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, dispatch ability, 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 Burlington, Colorado

IRP History: Check one as applicable.	
	This is the submitter's first IRP submittal.
X	This submittal is an update/revision to a previously submitted IRP.

Reporting Dates:	
IRP Due Date:	February 14, 2012
Annual Progress Report Due Date:	February 14 th - annually

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 Burlington
Address:	415 15 th Street
City, State, Zip:	Burlington, Co. 80807
Contact Person:	Melissa Satterly
Title:	City Clerk/Treasurer
Phone Number:	719-346-8652
E-Mail Address:	melissa.saterly@burlingtoncolo.com
Website:	Burlingtoncolo.com

Type of Customer: Check one as applicable.	
X	Municipal Utility
	Electric Cooperative
	Federal Entity
	State Entity
	Tribal
	Irrigation District
	Water District
	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)	11/1/2010
Reporting Period End Date (mm/dd/yyyy)	10/31/2011
Energy Sales & Usage	
Energy sales to Ultimate End Customers (MWh)	29720
Energy sales for Resale (MWh)	
Energy Furnished Without Charge (MWh)	
Energy Consumed by Respondent Without Charge (MWh)	0
Total Energy Losses (MWh entered as positive number)	620
Total Energy Usage (sum of previous 5 lines in MWh)	30340
Peak Demand (Reporting Period)	
Highest Hourly Summer (Jun. – Sept.) Peak Demand (MW)	8.87
Highest Hourly Winter (Dec. – Mar.) Peak Demand (MW)	5.87
Date of Highest Hourly Peak Demand (mm/dd/yyyy)	7/19/2011
Hour of Highest Hourly Peak Demand (hh AM/PM)	16:00
Peak Demand (Historical)	
All-Time Highest Hourly System Peak Demand (MW)	8.87
Date of All-Time Hourly System Peak Demand (mm/dd/yyyy)	7/19/2011
Hour of All-Time Hourly Peak System Demand (hh AM/PM)	16:00
Number of Customers/Meters (Year End of Reporting Period)	
Number of Residential Customers	1534
Number of Commercial Customers	262
Number of Industrial Customers	2
Other (Specify): Large Commercial	101
Other (Specify): City	41
Other (Specify):	
Other (Specify):	
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.

Burlington is a thriving, prosperous city located in agricultural northeastern Colorado at approximately 12 miles west of the Kansas border along I-70. Burlington, which boasts 4254 residents and a land area of 2.1 square miles, is the county seat of Kit Carson County. In 2000 Burlington census was 3678 and the 2010 census showed an increase to 4254. Burlington seems to show a gradual increase in population each year.

Some of our key customers in our large commercial customer category would be Kit Carson County Correctional Facility, nine hotels, and our Industrial Park. Some of the small commercial customer category that would be included in our customer mix and would affect our significant loads are the thirteen restaurants, 4 schools, Kit Carson County Memorial Hospital, and 218 businesses that our located in the City of Burlington. Some of the City owned properties would be The Burlington Community and Education Center, The Old Town Museum, Burlington Public Library and Burlington-Kit Carson County Airport.

Electrical power for the City of Burlington is operated and maintained by the municipal government, which employs a utility superintendent and several linemen. The rural areas surrounding the City of Burlington are served by K.C. Electric, a rural electric cooperative.

Burlington is continually growing. A four star hotel recently opened and Stratton Equity Cooperative Company which is located in our Industrial Park is in the process of expanding. Our biggest challenge is the demands for new power lines. The increase of education requirements for electricians as well as the cost to pay decent electricians has been a challenge as well, especially to our budget.

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 has four full time electricians and one superintendent. The break down for those four employs is as follow: one foreman, two linemen and one light plant operator. We have suffered some turnover this year, so we are currently looking for a new foreman. Both linemen are new and are in the process of being trained. Due to this and some major wind damage the city is putting our 20 year plan on hold for one year.

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)
2001	6.27	28400
2002	6.31	29520
2003	6.66	29000
2004	6.76	23370
2005	6.76	29270
2006	6.79	29210
2007	6.86	29790
2008	7.10	30540
2009	7.01	30610
2010	7.16	32300

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)
2011	8.8	31960
2012	8.9	32600
2013	9.2	33250
2014	9.3	33920
2015	9.5	34600
2016	9.7	35290
2017	9.9	36000
2018	10.1	36710
2019	10.3	37450
2020	10.5	38200

Narrative Statement:

The city anticipates that population may grow in the range of 1-2% over the next 15 years based on the increased industry and the employee needs of the private prison and local hospital, but that electrical usage will not increase more than 2.5% per year for the next 15 years. This is due to conservation measures by the local consumers, energy efficient heating and cooling devices, water restriction devices and other home and industry conservation measures. In addition electrical usage is directly tied to weather patterns; either very cold or very warm years. Eastern Colorado has experienced a series of years of extreme heat and cold which effects electrical usage.

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)).

Burlington has a long term supply agreement with PSCO-Xcel to supply power and energy in excess of the Western allocation. This agreement does not allow for Burlington to generate its own power except during emergency situations, such as transmission outages or substation maintenance. The agreement with PSCO-Xcel is in effect until September 2029.

The City of Burlington purchases all of its power from PSCO-Xcel at 115 kV, delivered through a transmission line owned by Tri-State Generation & Transmission. The delivery point is the distribution substation located on County Road V approximately one mile east of town, next to the state prison. Tri-State Generation and Transmission owns the transmission facilities in the region surrounding the City of Burlington.

Retired in 1974, the City of Burlington relied on a set of 4.16 kV generator units at the Light Plant. The Light Plant is located in north-central Burlington, at Railroad Avenue and Thirteenth Street. The substation was built in 1974 by Public Service Company of Colorado, which is now PSCO-Xcel. The substation was expanded in 2000 to include a second and larger power transformer and the 13.8 kV bus with eight bays.

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)
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)
Xcel Energy	Coal, Gas Wind	N/A	Firm	2029
WAPA	N/A	Summer=>1487 Winter=>1076	Non-Firm	2024
Tri-State	N/A	Summer=>1476 Winter=>1066	Transmission Only	N/A

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.)
Encourage businesses to close at noon on County Events Day.	Unknown
Remind customers on bills to change heater filters once a month	Unknown
Educate customers on cost savings at home	Unknown
Encourage the purchase of energy efficient products	Unknown
Hand CFL bulbs out at several different events thru the year	Unknown
Water restrictions in the summer to help with the well load management program	Unknown
New efficient furnaces and fixtures when older equipment needs to be replaced	Unknown
Changing from Mercury Vapor street lights to the more efficient High Pressure Sodium Lights	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 city is billed from its wholesale suppliers on a demand and energy basis with a contract in place until 2029. The demand component is higher in cost when compared to the energy component. Therefore, anything that the city can do to reduce its peak electric demand will reduce its cost from its suppliers. These cost reductions can then be passed on to Burlington's customers. Burlington has already performed items which could be classified as DSM measures. These include the Well Load Management Program, and implementation of demand rates. Electrical usage is monitored in city buildings with an effort to reduce usage where possible including new energy efficient furnaces and fixtures when older equipment needs to be replaced.

As a result of the recent drought, energy was diverted to maintenance activities. There has been little done in the way of public surveys or utility conservation programs. With an increase in user demand and fuel prices DSM measures will again become targeted priorities for the city as well as individual users. The city is reducing the amount of electricity used by changing from Mercury Vapor street lights to the more efficient High Pressure Sodium lights. This conversion is nearly complete and will be completed by 2014. In addition we are changing the interior lighting in our city buildings to high heat ballast fluorescent lighting. Any furnaces or air conditioning equipment that wears out is being replaced by energy efficient units. Additional cost effective measures for reducing utility usage will be evaluated by City Council during their yearly vision planning in September and October of 2012 and appropriate conservation measures will be encouraged in the future.

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 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
New 0.8mi underground 1000 KCMIL cable for Central Circuit	Will improve voltage regulation in the center of Burlington and is estimated to cost \$261,000.
East Power 4.16KV rebuilt to 13.8KV for Central circuit trunk line 0.7mi	Need in order to prepare the new trunk line. The rebuild will cost approximately \$113,500.
New overhead 336 ACSR line for central circuit trunk line 0.1mi	One block of new three-phase 336 ACSR will be built along Donelan Avenue from the line in the alley east of sixth street to the existing east loop in the alley west of sixth street. Estimated to cost \$10,500.
East loop rebuild to #2 ACSR for central circuit trunk line 0.2mi	Will allow this line section to carry the load of a trunk line circuit. Estimated to cost \$23,500.
West Power 4.16KV circuit rebuilt to 13.8KV	This conversion will eliminate voltage problems in the north west side of Burlington. Will cost approximately \$443,600.
East side 4.16KV circuit rebuilt to 13.8KV	This conversion will improve voltage regulation in the center of town. Estimated cost \$84,800.

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
Continue water restrictions	Ordinance passed to add to Code Book.
Continue to educate customers on how to conserve energy	Put information on bills and website.
Energy Efficient Furnaces	When city buildings need new furnaces
Well Load Management Program	Water Restrictions

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)).

Due to the contract with PSCO-Xcel there is no additional resource needed through this resource planning period. The present system has marginal substation transformer redundancy at peak load conditions. The peak 2006 system load of 8,250kW is 110% the OA rating and 88% of the FA rating of Transformer #1. If Transformer #2 is faulted or requiring maintenance during peak loading, Transformer#1 must be operated at the FA rating in order to carry the system load. WindMil analysis shows that S1 is not sufficient to maintain adequate voltage to the entire City of Burlington. For example, the WindMil 2006 Base Case shows that several circuits on both the 13.8kV and 4.16kV systems are experiencing under voltages as low as 112 V or 113 V on a nominal base of 120 V. 118 V is considered to be the low voltage limit for quality service.

In order to compensate for the under voltage, the substation is currently operated at 102%. This was duplicated in the 2006 Base Case. Because of heavy loading on the main overhead feeder into town, the voltage at the Light Plant is 116.4 V. The City of Burlington compensated for this under voltage by tapping the Allis transformer at its lowest tap of 13.2 kV, which reduces the transformer ratio and therefore raises the voltage of the 4.16 kV system. The 2006 Base Case shows that this is not an adequate solution during peak loading, and it causes over voltages during the lightly loaded spring and summer months. In order to further raise voltage during peak loading, the distribution transformers are tapped up before the summer and winter heavy loading periods and then tapped down during the spring and fall.

The City of Burlington has no system redundancy or emergency back-feeding capability since there is only one source (Feeder S1) feeding the town. An outage on the main feeder results in an outage for the entire town since there is no other source from which to back feed. Furthermore, temporary faults at any location on S1 result in blinks and sometime outages for the entire town. For example, the business district on Lincoln Street often sees blinks for temporary service interruptions that originate on the east side of town.

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)).

Burlington supplies all of its energy needs from Public Service and Western. The Colorado Public Utilities Commission regulates public service. The United States Congress governs Western through the Department of Energy. As such, these entities are required to meet all of the Federal and State regulations for environmental issues and concerns. The City believes that its suppliers will perform all the necessary duties to remain in compliance with environmental regulations.

Over the last few years, as well as the coming years, several companies have been planning wind farms in our area due to the results of the wind tower placed by Colorado Anemometer loan program during June 7, 2005 to March 27, 2006. The summary data on that study was a mean wind speed of 14.1 mph with a maximum 10 minute mean of 56.3 on November 28, 2005 at 10:40 AM. The wind power class is 3(249 w/m²).

The City of Burlington has renewable energy resources with PSCO-Xcel Energy contract. The City is at approximately 10% wind energy. The City partnered with the Burlington High School on a small wind tower, this tower is up and running, but not producing as much energy as hoped.

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)).

The public is always encouraged to attend Council meetings and their input is always considered. If a concern arises between meetings, we document concerns at City Hall.

Burlington seems to be a supporter of the renewable energy resources. Allowing the wind farms to move into our area.

The City of Burlington and Burlington High School work together to build a small wind tower at the school to teach the student about renewable energy resources.

The Integrated Resource Plan was shared with our City Council on February 27th. A resolution to help support the Integrated Resource Plan was also presented at this time.

The City of Burlington has made The Integrated Resource Plan available to the public by posting it at the front counter at City Hall.

No Public comments have been received.

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)).

The design criteria were used to develop the recommended projects for the Long Range Plan. The projects were modeled in Windmil on each growth case to create appropriate solutions for each five-year interval. Every project was developed with a view to what would solve the system problems at the end of the twenty-year study period. Each solution was then worked back to determine at what time, or at what loading level, it will be needed.

Several items were considered in order to resolve the voltage and capacity problems over the twenty-year study period: (1) adding additional underground circuits from the substation, (2) building new overhead line, (3) upgrading existing overhead line, (4) rebuilding the 4.16 kV system to 13.8 kV, (5) replacing copper conductors with #2 ACSR, and (6) adding a regulator bank.

Material cost estimates are based on 2007 prices of conduit, cable, regulators, transformers, and other equipment. For underground construction, the installed cost is approximately three times the material cost to account for labor, equipment use, and miscellaneous costs. Overhead voltage conversion includes the cost of new transformers at an average of twenty transformers per mile.

As a result of the recent drought, energy was diverted to maintenance activities. There has been little done in the way of public surveys or utility conservation programs. With an increase in user demand and fuel prices DSM measures will again become targeted priorities for the city as well as individual users. The city is reducing the amount of electricity used by changing from Mercury Vapor street lights to the more efficient High Pressure Sodium lights. This conversion is nearly complete and will be completed by 2014. In addition we are changing the interior lighting in our city buildings to high heat ballast fluorescent lighting. Any furnaces or air conditioning equipment that wears out is being replaced by energy efficient units. Additional cost effective measures for reducing utility usage will be evaluated by City Council during their yearly vision planning in September and October of 2012 and appropriate conservation measures will be encouraged in the future.

The City of Burlington will be moving forward with the 20 year plan. We do not need any generation resources, but our focus is on the construction of our 20 year plan.

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
New underground cable for Central Circuit	2013		Will issue an RFP in 2013
Rebuild 4.16 KV to 13.8 kV for Central Circuit	2014		Completed the Study
New overhead line for Central Circuit and rebuild east loop	2015		Completed Study
Rebuild 4.16 kV to 13.8 kV on west power	2016		Completed Study
Rebuild 4.16 kV to 13.8 kV on east side	2017		Completed Study

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
Education Programs and Communications	2012			Information on bills and soon on website
Energy efficient lighting upgrades	2012			Hand out free give a ways to encourage use
Programmable thermostats	2013			Goal to have programmable thermostats in all buildings
Upgrading distribution line/substation equipment	2012-2016			Study Complete

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)).

PSCO-Xcel energy is starting a True Up program that will help The City of Burlington to monitor our demand and kWh usages. The City of Burlington will use data from 2011 to measure our Cities performance.

With the new True Up program we will have an annual review in October. This review will show us what our true numbers are and what improvements need to be made.

With the help of Black Hills Energy, we have been working to educate everyone on the importance of installing energy efficient appliances.

We include on our City bills ways to help conserve energy.

The City is required to file an annual report to WAPA. With the information required for this annual report we will use this information to monitor our Cities progress.

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)).

Melissa Satterly Shelly Clark	City Clerk/Treasure Deputy Clerk
(Name – Print or type)	(Title)
<i>Melissa Satterly</i> <i>Shelly Clark</i>	2-20-12 2-20-12
(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 2012-03

STATE OF COLORADO)
)ss. RESOLUTION OF THE CITY COUNCIL
) OF THE CITY OF BURLINGTON IN

County of Kit Carson) THE COUNTY OF KIT CARSON,
) STATE OF COLORADO

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

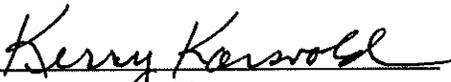
WHERE AS, the City of Burlington has prepared a Integrated Resource Plan in accordance with Department of Energy Regulations at 10 CFR part 905, Subpart B for submittal accordance to the Western Area Power Administration in accordance with the regulations; and

WHERE AS, the City of Burlington has considered all matters it deemed necessary or appropriate to enable it to review, evaluated 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 Burlington.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF BURLINGTON, COLORADO, 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 19CFR 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 Burlington 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 27th day of February, 2012.


Kerry Korsvold, Mayor


Melissa Satterly, City Clerk