



Washington City Power Department

Electric Financial Projection and Cost of Service Study

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Utility Financial Solutions, LLC

Presentation Objectives

- Financial Projection & Targets
 - Debt Coverage Ratios
 - Minimum Cash Reserves
 - Target Operating Income
- Review Cost of Service Results
 - Cost to service each class of customers
 - Monthly Customer Charges
- Review Sample Rate Designs

Assumptions

Fiscal Year	Inflation	Growth	Purchase Power Change	Investment Income	Capital Improvements Plan
2023	5.0%	3.2%	49.6%	0.5%	\$ 3,826,250
2024	3.0%	3.1%	3.0%	0.5%	1,857,500
2025	3.0%	2.9%	3.0%	0.5%	3,663,000
2026	3.0%	2.9%	3.0%	0.5%	1,775,000
2027	3.0%	2.8%	3.0%	0.5%	1,866,500
2028	3.0%	2.8%	3.0%	0.5%	1,700,000

Financial Projection

Current Rates

Fiscal Year	Projected Rate Adjustments	Debt Coverage Ratio	Adjusted Operating Income	Target Operating Income	Projected Cash Balances	Recommended Minimum Cash
2024	0.0%	5.52	\$ 1,090,616	\$ 1,595,189	\$ 11,804,257	\$ 6,791,358
2025	0.0%	6.21	1,310,042	1,720,585	10,987,337	6,982,312
2026	0.0%	6.24	1,247,249	1,787,500	12,096,959	7,199,516
2027	0.0%	6.53	1,251,344	1,858,485	13,216,786	7,406,845
2028	0.0%	3.84	1,270,330	1,953,776	14,076,579	8,073,520

Financial Projection

Minimum Cash Determination

Description	Projected 2024	Projected 2025	Projected 2026	Projected 2027	Projected 2028
Minimum Cash Reserve Allocation					
Operation & Maintenance Less Depreciation Expense	12.3%	12.3%	12.3%	12.3%	12.3%
Purchase Power Expense	14.9%	14.9%	14.9%	14.9%	14.9%
Historical Rate Base	1%	1%	1%	1%	1%
Current Portion of Debt Service Payment	83%	83%	83%	83%	83%
Five Year Capital Improvements - Net of bond proceeds	20%	20%	20%	20%	20%
% Plant Depreciated	32%	32%	34%	35%	37%
Calculated Minimum Cash Level					
Operation & Maintenance Less Depreciation Expense	\$ 682,097	\$ 702,560	\$ 723,636	\$ 745,346	\$ 767,706
Purchase Power Expense	2,767,434	2,933,120	3,108,726	3,291,644	3,485,324
Historical Rate Base	533,180	569,810	587,560	606,225	623,225
Current Portion of Debt Service Reserve	636,247	604,422	607,193	591,230	1,024,865
Five Year Capital Improvements - Net of bond proceeds	2,172,400	2,172,400	2,172,400	2,172,400	2,172,400
Minimum Cash Reserve Levels	\$ 6,791,358	\$ 6,982,312	\$ 7,199,516	\$ 7,406,845	\$ 8,073,520
Projected Cash Reserves	\$ 11,804,257	\$ 10,987,337	\$ 12,096,959	\$ 13,216,786	\$ 14,076,579

Cost of Service

Electric Cost of Service Results

Customer Class	Cost of Service	Projected Revenues	% Change
Residential	\$ 19,572,408	\$ 18,422,374	6.2%
Street Lighting	292,205	-	0.0%
Private Area Lighting	21,735	11,743	85.1%
Small Commercial	1,725,884	1,905,989	-9.4%
Large Commercial	4,970,037	5,794,186	-14.2%
Steel Structures	46,783	47,765	-2.1%
Total	\$ 26,629,052	\$ 26,182,057	1.7%

Monthly Charge

Customer Class	COS Customer Charge	Average Customer Charge
Residential	\$ 19.85	\$ 16.50
Street Lighting	3.14	-
Private Area Lighting	18.65	-
Small Commercial	33.61	22.50
Large Commercial	100.15	92.50
Steel Structures	129.53	92.50

Rate Design

PCA True Up

- Power costs are forecasted to remain at these levels in the short term
- Adding \$0.0289 to the base energy rates brings the forecasted PCA down from \$0.0589 to \$0.0300

Sample: Revenue Neutral Rate Design

Customer Class	Projected Revenues Under Current Rates	Projected Revenues Under Proposed Rates Year 1	Year 1 Change	COS
Residential	\$ 18,422,374	\$ 18,422,374	0.0%	6.2%
Private Area Lighting	11,743	11,743	0.0%	85.1%
Small Commercial	1,905,989	1,905,989	0.0%	-9.4%
Large Commercial	5,796,848	5,796,848	0.0%	-14.2%
Steel Structures	47,765	47,765	0.0%	-2.1%
Totals	\$ 26,184,719	\$ 26,184,719	0.0%	1.7%

Sample: Residential Rates – Alternatives 1 - 3

Washington City Electric Department

Electric Rate Design

Residential

PCA Added to Base	\$	0.02889
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Rates	Current	Scenario 1	Scenario 2	Scenario 3
Monthly Facilities Charge:				
All Customers	\$ 16.50	\$ 17.50	\$ 18.50	\$ 20.00
Energy Charge:				
Block 1 (0 - 800 kWh)	\$ 0.08500	\$ 0.11389	\$ 0.11105	\$ 0.10854
Block 2 (801 - 1,500 kWh)	\$ 0.10630	\$ 0.13519	\$ 0.13519	\$ 0.13519
Block 3 (Excess)	\$ 0.13280	\$ 0.15507	\$ 0.16169	\$ 0.16169
Wind Power Costs Adder:				
All Customers	\$ 3.50	\$ 3.50	\$ 3.50	\$ 3.50
Renewable Metering Credits				
All Energy	\$ (0.04000)	\$ (0.06500)	\$ (0.06500)	\$ (0.06500)
Power Cost Adjustment:				
All Energy	\$ 0.05889	\$ 0.03000	\$ 0.03000	\$ 0.03000
Revenue from Rate	\$ 18,422,374	\$ 18,422,374	\$ 18,422,374	\$ 18,422,374
Change from Previous		0.0%	0.0%	0.0%

Scenario 1 - Keep
block differential

Scenario 2 - holding
B2 + B3 same (plus
pca added to base)
and putting change
into B1

Scenario 3 - Raise
CC and put
difference in block 1

Sample: Residential Rate Alternative 4

*Additional
Block

Washington City Electric Department

Electric Rate Design

Residential

PCA Added to Base	\$	0.02889
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Rates	Current	Scenario 4
Monthly Facilities Charge:		
All Customers	\$ 16.50	\$ 20.00
Energy Charge:		
Block 1 (0 - 800 kWh)	0.08500	
Block 2 (801 - 1,500 kWh)	0.10630	
Block 3 (Excess)	0.13280	
Block 1 (0 - 400 kWh)		\$ 0.10200
Block 2 (401 - 800 kWh)		\$ 0.11500
Block 3 (801 - 1,500 kWh)		\$ 0.13800
Block 4 (Excess)		\$ 0.17000
Wind Power Costs Adder:		
All Customers	\$ 3.50	\$ 3.50
Renewable Metering Credits		
All Energy	\$ (0.04000)	\$ (0.06500)
Power Cost Adjustment:		
All Energy	\$ 0.05889	\$ 0.03000
Revenue from Rate	\$ 18,422,374	\$ 18,427,248
Change from Previous		0.0%

Sample: Residential Rate Alternative

Summer Bill Impacts

Summer Rate Impacts

kWh Usage Level	Average kWh Usage in Group	Scenario 1	Scenario 2	Scenario 3	Scenario 4
0-449	250	1.9%	2.5%	4.1%	1.0%
500-999	771	0.8%	-0.1%	-0.5%	-0.7%
1,000-1,499	1,253	0.5%	-0.1%	-0.4%	0.2%
1,500-1,999	1,722	-0.2%	-0.1%	-0.3%	-1.4%
2,000-2,499	2,222	-1.0%	-0.1%	-0.2%	1.9%
2,500-2,999	2,718	-1.5%	-0.1%	-0.2%	2.3%
3000 & Over	3,969	-2.1%	0.0%	-0.1%	3.0%

Sample: Residential Rate Alternative Winter Bill Impacts

Winter Rate Impacts					
kWh Usage Level	Average kWh Usage in Group	Scenario 1	Scenario 2	Scenario 3	Scenario 4
0-449	289	1.7%	2.0%	3.4%	0.1%
500-999	705	0.8%	0.0%	-0.2%	-0.8%
1,000-1,499	1,208	0.5%	-0.1%	-0.4%	0.2%
1,500-1,999	1,702	-0.1%	-0.1%	-0.3%	-1.3%
2,000-2,499	2,214	-1.0%	-0.1%	-0.2%	1.8%
2,500-2,999	2,733	-1.5%	-0.1%	-0.2%	2.4%
3000 & Over	4,058	-2.2%	0.0%	-0.1%	3.0%

Frequency Distribution of Residential Accounts

Jul kWh Usage Level	Group kWh's Sold	% of kWh's Sold	Number of Accounts	% of Total Accounts	Average kWh Usage in Group
0-449	358,370	2.54%	1,434	14.14%	250
500-999	1,625,346	11.53%	2,107	20.77%	771
1,000-1,499	3,416,559	24.24%	2,727	26.89%	1,253
1,500-1,999	3,325,023	23.59%	1,931	19.04%	1,722
2,000-2,499	2,270,538	16.11%	1,022	10.08%	2,222
2,500-2,999	1,214,997	8.62%	447	4.41%	2,718
3000 & Over	1,881,518	13.35%	474	4.67%	3,969
TOTALS	14,092,351	100.00%	10,142	100.00%	1,390

Jan kWh Usage Level	Group kWh's Sold	% of kWh's Sold	Number of Accounts	% of Total Accounts	Average kWh Usage in Group
0-449	1,543,409	23.47%	5,339	51.17%	289
500-999	2,390,569	36.35%	3,393	32.52%	705
1,000-1,499	1,261,097	19.17%	1,044	10.01%	1,208
1,500-1,999	644,947	9.81%	379	3.63%	1,702
2,000-2,499	389,654	5.92%	176	1.69%	2,214
2,500-2,999	136,659	2.08%	50	0.48%	2,733
3000 & Over	211,038	3.21%	52	0.50%	4,058
TOTALS	6,577,373	100.00%	10,433	100.00%	630

Sample: Small Commercial Rate

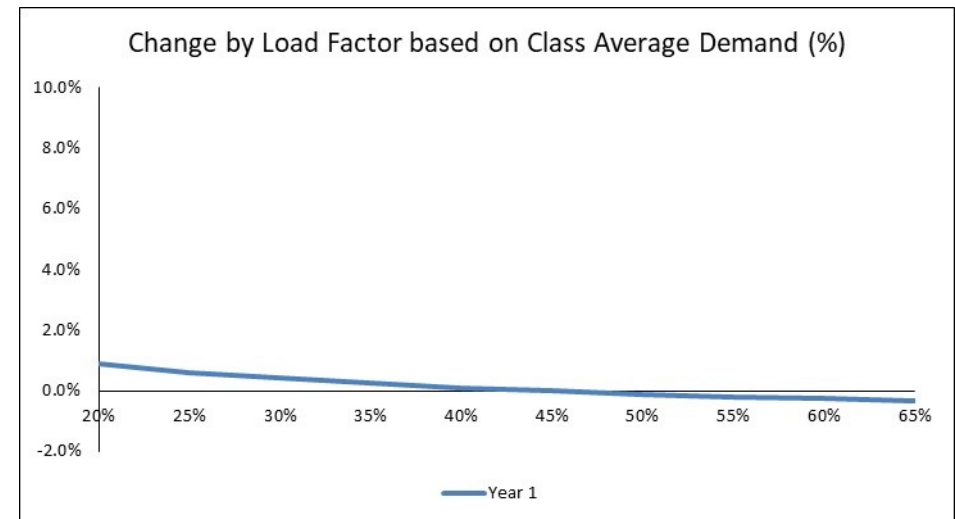
Washington City Electric Department

Electric Rate Design

Small Commercial

PCA Added to Base	\$	0.02889
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Rates	Current	Proposed
Monthly Facilities Charge:		
Monthly Charge	\$ 22.50	\$ 25.50
Energy Charge:		
All Energy	\$ 0.06880	\$ 0.09604
Demand Charge		
All Demand	\$ 10.72	\$ 10.75
Power Cost Adjustment:		
All Energy	\$ 0.05889	\$ 0.03000
Revenue from Rate	\$ 1,905,989	\$ 1,905,989
Change from Previous		0.0%



Sample: Large Commercial Rate

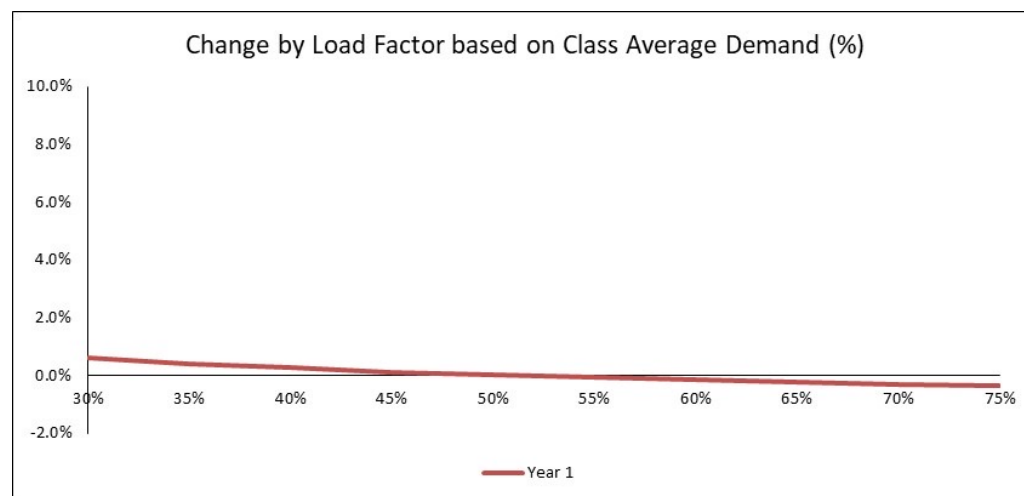
Washington City Electric Department

Electric Rate Design

Large Commercial

PCA Added to Base	\$	0.02889
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Rates	Current	Proposed
Monthly Facilities Charge:		
Monthly Charge	\$ 92.50	\$ 100.00
Energy Charge:		
All Energy	\$ 0.06880	\$ 0.09604
Demand Charge		
All Demand	\$ 11.15	\$ 11.65
Power Cost Adjustment:		
All Energy	\$ 0.05889	\$ 0.03000
Revenue from Rate	\$ 5,796,848	\$ 5,798,108
Change from Previous		0.0%



Consider merging Steel Structures Rate with the Large Commercial Rate

Sample: Commercial EV

Washington City Electric Department Rate Design

Commercial Electric Vehicle Charging

Rates	Secondary
Monthly Facilities Charge:	
All Customers	\$ 35.00
Energy Charge:	
All Energy	\$ 0.10880
Demand Charge	
All Demand	\$ 5.45
Power Cost Adjustment:	
All Energy	\$ 0.03000



ORDINANCE NO. 20231-XX
AN ORDINANCE OF WASHINGTON CITY
ADOPTING A RENEWABLE RESOURCE POLICY

WHEREAS, Washington City ("City") has an interest in allowing for Renewable Resource projects within the City; and

WHEREAS, the City desires to adopt the Renewable Resource Policy set forth below; and

WHEREAS, the City Council has reviewed this Renewable Resource Policy and finds that it is in the best interest of the public and promotes the health, safety and welfare of the community;

NOW THEREFORE, BE IT HEREBY ORDAINED by the City Council of Washington City as follows:

1. Amendment. The City hereby adopts the "Renewable Resource Policy" shown on Exhibit A, the "Renewable Resource Application" form shown on Exhibit B (or a form substantially similar thereto), and the "Renewable Resource Agreement" shown on Exhibit C (or substantially similar thereto), which are attached hereto and incorporated herein.
2. Miscellaneous.
 - A. If any provision or clause of this ordinance or the application thereof to any person or entity or circumstance is held to be unconstitutional or otherwise invalid by any court of competent jurisdiction, such invalidity shall not affect other sections, provisions, clauses or applications hereof which can be implemented without the invalid provision(s), clause(s) or application(s) hereof, and to this end the provisions and clauses of this ordinance are declared to be severable.
 - B. This ordinance supersedes or repeals the provision(s) of any ordinance(s) or resolution(s) that is(are) inconsistent with the provisions of this ordinance.
 - C. This Ordinance shall take effect upon publication or posting as required by law.

PASSED AND ORDERED POSTED on this 14th day of July, 2023

WASHINGTON CITY

Attest:

Kress Staheli
Kenneth Neilson, Mayor

Tara Pentz, City Recorder

Exhibit A

WASHINGTON CITY RENEWABLE RESOURCE POLICY

Effective Date: ??, 2023~~1~~

The Renewable Resource Policy is a billing arrangement where residential and business customers who produce their own energy from renewable sources ~~to offset their own electrical usage and allows for customers to can~~ get a credit on their electric bills at the wholesale rate for the extra energy that flows back into the City's distribution system, (See Attached Example).

7-6C-1: Availability:

Washington City ("City") desires to encourage the use of Renewable Resources with Washington City Electric Customers ("Customer") by making available a meter capable of measuring the electrical energy delivered from the City to the Customer and the electrical energy received from the Customer to the City ("Bidirectional Meter"). The Bidirectional Meter will be available to any electric Customer connected to Washington City's electric distribution system provided that the Customer installs a solar, wind, or other City-approved renewable generation resource ("Renewable Resource") on the Customer's side of the meter, subject to the Application Provisions.

Washington City also desires to set a capacity cap of ~~4,000~~~~2,500~~ installed kilowatts (kW) of Renewable Resources allowed to connect to the City distribution system after which applications for connection will no longer be accepted. The capacity cap will be reviewed from time to time by the City and may be increased or decreased if it is in the best interest of the City.

7-6C-1A: Solar Installation Company ~~Agreements~~

All solar companies wanting to do business in Washington City ~~boundaries~~~~boundries~~ shall meet with the Washington City Power department to discuss a solar installation agreement. This agreement will go over solar standards, ~~policies~~ and procedures for Washington City Power and Dixie Power in the Washington City boundaries. All companies shall be represented by a solar company installation manager, company representative, and emergency contact. Upon completion of the class, the solar company will be approved to apply for building permits and do business in the Washington City Boundaries.

7-6C-2: Application Provisions:

The Customer must make an application to Washington City and receive approval from the City before installing an interconnected Renewable Resource on their property. Washington City may withhold approval if for any reason the requested interconnection

would result in a negative monetary or physical impact on the City's electrical system. The City may approve the agreement if there ~~are~~ is no physical or monetary negative impacts.

A. By accepting this Renewable Resource Policy, the Customer hereby agrees to the following provisions:

1. System Maximum Size & Output Limits

- i. The maximum total system AC output is limited to 16 kW for residential installations. Commercial and residential systems over 16 kW will be reviewed on a case by case basis and may require an additional study & review process.
- ii. The monthly electrical energy output of the Renewable Resource shall not be greater than 120% of the historical maximum monthly energy consumption (kWh) of the location of the Renewable Resource.

2. A Renewable Resource installed by the Customer shall include, at the Customer's expense, all equipment necessary to meet applicable safety, power quality and interconnection requirements established by the City, State, National Electric Code (NEC), National Electric Safety Code (NESC) and shall be manufactured and installed to interconnection standards that meet or exceed the Institute of Electrical and Electronics Engineers, Inc. ("IEEE") standard 1547 for Interconnecting Distributed Resources with Electric Power Systems and Underwriters Laboratories Inc. ("UL") standard 1741, Inverters, Converters and Controllers for use in Independent Power Systems. Energy storage systems must comply with UL 9540, Energy Storage System (ESS) Requirements, listed and comply with all state and code requirements. Additional UL, IEEE and other industry standards may apply.

3. The Customer shall be required to install or upgrade the following:

- i. ~~A~~ manual disconnect for the renewable resource system that is within 5 feet of the meter location, readily accessible by City personnel and outside of any fenced area. The disconnect switch shall be lockable and shall be labeled as "Generation Disconnect".
- ii. Equipment required to meet rapid shutdown requirements
- iii. ~~The customer shall also install a~~ A single production meter base located adjacent to the manual disconnect wired to measure the total output of the Renewable Resource. The City will provide the production meter.
- iv. For ESS systems smoke detection equipment shall be installed and must comply with all code requirements.
- v. If the existing main service location and equipment does not comply with current Code or City requirements the service equipment must be upgraded to comply with all current Code and City requirements.

4. The City shall install and maintain a new revenue meter for the Customer, at the Customer's expense. In addition, any subsequent revenue meter change necessitated by the Customer, whether because of a decision to stop the Renewable Resource Policy or for any other reason, shall be an expense billed to the Customer at the applicable service rates.

5. By accepting this agreement the Customer releases to the City all renewable energy credits (RECs), solar renewable-energy credits (S-RECs) or other renewable attributes as appropriate based on actual on-site electric generation from the Renewable Resource.
6. The Customer will comply with all City service and utility billing requirements, including payments for applicable monthly electrical base rates and other utility billings, fees and taxes.
7. The Customer will comply with all installation requirements, building and electric codes of the City.
8. The Customer's facility used for Renewable Resource generation shall be equipped with metering equipment, which can measure the flow of electricity delivered to the Customer from the City and received from the Customer to the City. For customer facilities less than 25 kilowatts (kW) in rated capacity, this shall be accomplished through the use of a single, bi-directional electric revenue meter.
9. The City shall make Renewable Resource available to eligible customers on a first-come, first-served basis. Single or multiple Renewable Resource connections to a City owned transformer, which create an imbalance that exceeds 20% of the nameplate rating may be denied at the City's discretion or, if approved, may require system upgrades including additional transformers or other system upgrades at the Customer's expense.

10. System Design Review & Approval Requirements

- i. All renewable resource system designs shall be reviewed and approved by a third Party reviewer *prior* to submitting plans to the City for review. The third party reviewer must be a City approved third party reviewer. The Customer will be responsible for costs associated with the third party review and shall pay the reviewer directly.
- ii. The renewable system design must also be reviewed and approved by the City through the standard building permit process.
- iii. Renewable Resource connections to City facilities above the standard single phase 120/240 volt system shall be reviewed by the City under a separate review and approval process, which may include a system impact study.
- iv. Large single phase, three phase or complex systems installations over 16 kW AC output may also require a separate review, study and approval process. (See paragraph 11 below)
- v. Renewable Resource connections to transmission (69 kV) or distribution (12.47 kV) lines within the City are prohibited.
- vi. Systems that include battery or generation backup capabilities may require additional review and study costs.

11. Special System Engineering & Study Requirements

- i. If the Renewable Resource project requires special engineering studies, ~~as determined by the City,~~ the Customer shall be responsible for all costs.

The need for additional system engineering studies will be solely determined by the City.

- ii. An estimate of the Study costs shall be provided by a licensed engineering firm as determined by the City and payment will be made by the Customer, to the City, before the engineering study is approved. Final billing for the study will be trued up upon completion and the Customer shall be billed for any amount above, or their electric account credited, for any amount below the initial estimate.

12. The Customer shall be solely responsible for all work, and costs incurred, for installation and maintenance of the Renewable Resource. All modifications or improvements required to the City's electric system, due to the Customer's installation of facilities, shall be paid for by the Customer.

7-6C-3: Inspection:

Upon approval and installation of a Renewable Resource, but before installation of the Bidirectional Meter, the City shall inspect the Renewable Resource installation and interconnection and approve or disapprove the interconnection. The City may disapprove any final interconnection for any reason.

1. The City shall have the right to inspect the Customer's Renewable Resource during reasonable hours and with reasonable prior notice to the Customer. If the City finds that the Customer's Renewable Resource is not in compliance with the requirements of the City's interconnection rules and the standards set forth in this Policy, and noncompliance adversely affects the safety or reliability of the City's facilities or other customers' facilities, the City may require the Customer to disconnect the facility until compliance is achieved.
2. If the City disconnects the Renewable Resource, the Customer shall receive in a timely manner, a written explanation of the disconnection. The Customer shall have the right to correct the situation and petition the City to re-establish an interconnection.

7-6C-4: Energy Rates and Payments:

The Customer shall be subject to the following provisions for service under this Policy:

1. For all kWh delivered by the City to the Customer, the Customer shall pay the applicable retail rate, as if the Customer had not installed a Renewable Resource.
2. For all kWh received from the Customer to the City, the City shall credit the Customer's current electric bill during the current billing period at the wholesale rate of ~~\$0.06504¢~~ per kilowatt-hour. Note this rate may be adjusted +/- in conjunction with the overall City power rates.
3. Each account is charged and/or credited (\$) on a monthly basis for the energy delivered and received. Carryover of kWh's produced to the City's system from month

to month is not allowed.

4. Energy produced and consumed onsite by the customer is considered the avoided cost or return on investment and will not be included in the determination of the wholesale credit to the customer account.
5. If the credit amount (\$) exceeds the electrical charges due, a credit will be applied on the next month's billing. At the discretion of the City, a check may be issued to the Customer in lieu of a credit amount.
6. If a home with a Renewable Resource is sold, any remaining credit amounts will be applied to the outstanding electrical billing for kWh consumption and base fee or a check will be issued if a credit amount is due to the Customer.
7. Renewable Resource credit shall only be applied to offset part of or all of a Customer's own electrical requirements at a single metering point. Renewable Resource credit shall not be applied to multiple meters owned by a single customer at separate locations.
8. This agreement is between the electric Customer and the City. Nothing in this policy allows for the purchase or sale of energy produced by the Customer to or from a third party. Renewable Resources on rental units are not eligible for Renewable Resource installation under this policy.
9. The City reserves the right to modify or amend this Policy, the City's avoided cost rate, the displacement ratio, or the monthly service charge, upon reasonable advance notice to the Customer. (30 days.)

7-6C-5: Liability:

The Customer shall be responsible for any damage caused by the Customer's Renewable Resource to the City's distribution system and other customer facilities. The Customer shall be responsible for the installation and maintenance of applicable protection equipment, and for any damage caused by improper application, maintenance or faulty equipment. The City will not be liable directly or indirectly for permitting or continuing to allow an attachment of a Renewable Resource, or the acts or omissions of the Customer's Renewable Resource that cause loss or injury, including death, to any third party.

Application for the Customer's Renewable Resource, within a Home Owners Association (HOA), must be accompanied by a letter of approval of the Renewable Resource installation, signed by the Chairman of the board at the time of application. The letter must include a copy of the minutes showing a majority vote of approval. The City is not liable for any violation of existing CCR's within an HOA, related to the Customer's installation of a Renewable Resource.

For multi-family unit locations, if the installation requires feeders and/or equipment to be installed on or across another owners unit the Customer must obtain proper written easement/permission for such an installation. The Customer is solely responsible to obtain any needed easements or permissions.

Neither the City nor the Customer, shall be subject to any liability or damages due to the inability of the City to serve the Customer's load, due to lack of energy from either the City or the Renewable Resource.

Neither the City nor the Customer, shall be subject to any liability or claims for damages due to the inability of equipment manufacturers or vendors to provide equipment or repairs essential for the safe operation of the system in a timely manner.

7-6C-6: Forms:

Forms for the Renewable Resource program are on file at the city offices or available online.

Exhibit B

**WASHINGTON CITY RENEWABLE RESOURCE POLICY
APPLICATION FOR INTERCONNECTION REVIEW**

Please carefully read all of the following information. With the help of your Installation Contractor, fully complete the form for Solar Electric Equipment, as well as the Washington City Renewable Resource Policy Agreement.

Solar Electric Equipment Information:

Customer Name: _____

Customer Address: _____

Contact Name: _____

Phone Number: _____ Fax Number: _____

Utility Account #: _____ Email: _____

A. EQUIPMENT INFORMATION:

Solar Electric Module Manufacturer: _____

Module Model Number: _____

Power Rating per Module: _____ DC Watts Number of Modules: _____

Total Array Output: _____ DC Watts (Number of Modules x Power Rating)

Inverter Manufacturer: _____

Inverter Model Number: _____

Inverter's Continuous AC Rating: _____ AC Watts

Number of Inverters: _____

Total System Output: _____ AC Watts

Inverter's Peak Efficiency: _____ (Refer to manufacturer's peak efficiency rating)

Solar Electric Array Location: ___ Rooftop ___ Pole Mount or ___ Ground Mount

Solar Electric Module Orientation: _____ degrees (e.g., 180 degrees magnetic south)

Solar Electric Module Tilt: _____ degrees
(e.g., flat mount = 0 degrees; vertical mount = 90 degrees)

Solar Electric Module Tracking: ___ Fixed ___ Single-axis ___ Double-axis

Inverter Location: ___ Indoor ___ Outdoor Location

Utility-Accessible AC Disconnect Switch Location: _____
(within 5 feet of meter location and readily accessible.)

System Type and Mode of Operation:

- ___ Utility interactive (parallel/capable of back feeding the meter)
- ___ Dedicated circuit, utility power as backup (transfer switch)
- ___ Stand-alone (system confined to an independent circuit, no utility backup)

*A one-page site map and system single line must accompany this application. This document must indicate the location of the solar electric modules, the inverter, batteries (if any), lockable disconnect switch, and point of connection with the utility system. Data sheets showing device ratings and calculations needed to demonstrate Code compliance shall accompany the application. **Pictures of the existing service and other equipment and ratings are to be provided.** The installation address, current account number at that address, and the installer's name and telephone number must also be included on the one page site map.*

Does this system include batteries or a generator back up? ___ yes ___ no
If yes, there may be additional review required.

Total Installed System Cost: \$_____

B. PROPOSED INSTALLATION/INTERCONNECTION/SINGLE LINE:

(The Customer is to provide a single line drawing, **existing installation details, pictures** and other required information as attachments for review and approval.)

Exhibit C

Washington City Renewable Resource Policy Agreement

Term:

1. This Agreement becomes effective when executed by both parties and shall continue in effect until terminated by either party.
2. The Customer may cancel this agreement with not less than thirty (30) days written notice.
3. The City may cancel this Agreement if the customer is in breach of the Applicable Provisions or the customer Renewable Resource becomes unsafe, or inactive for a period of six (6) consecutive months, or if the resource causes any damage or disruption to the utility system as determined by the city.

AGREED TO BY:

Renewable Resource Customer

Name_____

State of _____

Title_____

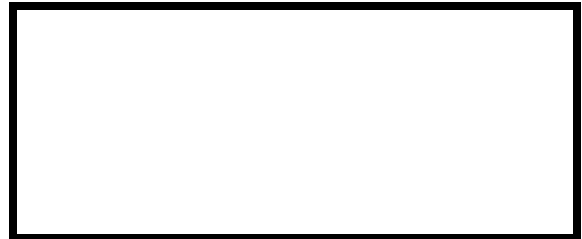
County of _____

Date_____

Date:_____

Signature_____

Notary Signature _____



APPROVED BY:

Washington City Corporation

Name_____

Title_____

Date_____

Signature_____

~~Once approved~~ This application, one line drawing and agreement will be submitted to the building department for the review, inspection and approval process. Inspection fees will apply. **The original notarized document must be provided to the Power Department.**



April 2023

Project Meeting Overview Report

CARBON FREE POWER PROJECT (CFPP)

1. Discussed in Executive Session:
 - a. Update on project progress including NuScale update on Standard Design Approval (SDA) Progress, Combined License Application (COLA) Progress Update, Security Plan Update, Nuclear Quality Assurance Program, DOE Interaction and Xcel Energy Nuclear Services (XENS) Operations Update.
 - b. Update on efforts relating to lowering project costs and increasing subscription.
 - c. Government affairs team engagements/interactions with appropriators, congressional staff and DOE on the need for CFPP to receive FY24 funding.
 - d. YouTube commercial produced by NuScale.

CENTRAL-ST. GEORGE PROJECT

1. Discussed in Executive Session:
 - a. Update on pending litigation.
 - b. Discuss options and next steps for Arabian Way lot.
2. Discussed the FY2024 System Usage Analysis including projected 12-month energy usage for each member, entity projections and actual values and 2018 to 2024 growth percentages.
1. Discussed the desired approach to submit to WECC a joint Bulk Electric System (BES) exemption request with Dixie Power. This joint request will facilitate future discussions regarding looping of the 138kV transmission system in Washington County.
2. ***Directed UAMPS Staff to put together documentation for the joint approach with Dixie.***

Discussed the operations report including substation updates.

COLORADO RIVER STORAGE PROJECT (CRSP)

1. Discussed CRSP hydrology including drought monitoring and forecast.
2. Discussed Lake Powell:
 - a. Lake conditions.
 - b. Lake inflow and historical unregulated inflow by year.
 - c. Hydro generation WY2023 potential GCD release of 9.5 maf.
2. Discussed CRSP energy:
 - a. More CRSP energy summer season 2023.
 - b. May and June 2023 are likely close to double.
 - c. July to September notice coming later.
3. Discussed Resource Investigation Committee including WAPA's interest and Request for Information (RFI).
4. Discussed the CREDA Update including Colorado vs Department of the Interior and the court's ruling against this litigation, in favor of U.S. and hydropower.
5. Discussed CRSP Rates being set in place for 2 years and CREDA closely monitoring the FRN new rate.
6. Discussed fish spawning and the unlikeliness of having water bypass this year.
7. Discussed the Bureau's decision to conduct a High Flow Experiment (HFE).
8. Discussed Provo River and Olmsted Remarketing including:
 - a. Current entitlement share percentages for each project.
 - b. Existing contracts and renewals for both projects.
 - c. Setting aside pool of 3% for new customers in both projects.
9. Discussed the Operations Report including substation reports for the month of March.

FIRM POWER SUPPLY PROJECT

1. Discussed Red Mesa Tapaha Project including generation output, pending commercial operation date, and transition from development to performance security. The project began generating March 15, 2023.

2. Discussed in Executive Session:
 - a. Steel Solar 1A & 1B project including current discussions with the developer.
3. Discussed prepaid gas and electricity including the proposed formation of a new UAMPS project: the Long Term Energy Supply Project. The Payson Project and Firm Project would be project participants. Through entering into a prepay transaction, initial discounts in the 8% to 10.5% range may be possible. There would be a 30-year commitment by the project participants to purchase gas or power through the prepay transaction. The preferred approach would be to assign forward gas purchases and power purchase agreements into the prepay transaction.
4. Discussed the prepay transaction.
5. Discussed term purchases including summer 2023 purchases, winter 2023-2024 purchases, longer term purchases and forward year purchases.
6. Discussed the Operations Report including output and scheduling from each resource for the month of March.

GOVERNMENT AND PUBLIC AFFAIRS PROJECT (GPA)

3. Discussed Federal & State Legislative updates including Executive Branch update and Congressional Updates:
 - a. Debt ceiling.
 - b. Budget related hearing dates.
 - c. Republicans Pass H.R. 1: Lower Energy Costs Act and how it is a starting point for permitting reform negotiations.
 - d. Small cell legislation.
 - e. BOR Releases Draft SEIS for Near-Term Colorado River Operations (CRSP).
4. Discussed Inflation Reduction Act (IRA) and Transmission including how to unlock the full emissions reduction potential of the IRA by more than doubling the pace of transmission expansion.
5. Discussed the IRA and EVs including a study that rendered a map of how many chargers are available in the U.S.
6. Discussed the timeline of the Transformer Conservation Standard Letter.
7. Discussed the 2024 Senate Race Candidates.
8. Discussed the IIJA 40101(d) Program including objectives, metrics, equity approach, eligible activities and timeline.

9. ***UAMPS Staff to facilitate ongoing IJJA State Coordination including providing updates and one-pager on details as well as a concept paper.***
10. Discussed State Party Organizing Conventions including Utah Republican and Democratic Parties meeting dates/locations.

HUNTER PROJECT

1. Discussed in Executive Session:
 - a. Update on pending environmental litigation. Ozone Transport Rule (OTR) including litigation updates and the submission of petition for review.
 - b. PacifiCorp's 2023 Integrated Resource Plan (IRP) as it pertains to Hunter including proposed closure in 2032.
 - c. Scheduling Protocols.
 - d. OTR including NOx allowance and 2021 being the new Utah NOx reference year.
 - e. The effects of Selective Non-Catalytic Reduction (SNCR) equipment.
 - f. Hunter Coal Forecast Analysis including a proposed plan adjustment.
 - g. 2023 Summer Hunter scheduling including curtailment and planned generation.
2. ***Approved the curtailment of the Hunter Plant in the upcoming months and purchasing of replacement power based upon member need.***
3. Discussed the Operations Report including Hunter's scheduling for March.

NATURAL GAS PROJECT

1. Discussed the mechanism available on a member-by-member basis for a forward five-year purchase.
2. Discussed the Operations Report including scheduling of Natural Gas for the month of March.

PAYSON PROJECT

1. Discussed prepaid gas and electricity including the proposed formation of a new UAMPS project: the Long Term Energy Supply Project. The Payson Project and

Firm Project would be project participants. Through entering into a prepay transaction, initial discounts in the 8% to 10.5% range may be possible. There would be a 30-year commitment by the project participants to purchase gas or power through the prepay transaction. The preferred approach would be to assign forward gas purchases and power purchase agreements into the prepay transaction.

2. Discussed in Executive Session:



- a. 5-year natural gas purchase. Staff discussed UAMPS' previous experience with Enron and inherent risk involved.
 - b. Counterparty risk.
 - c. Ozone Transport Rule (OTR) was reviewed, including EPA regulations on NOx emissions and impact to the Nebo plant. EPA issued the final good neighbor plan in March 2023.
 - d. Anticipated NOx allowances in the coming years were reviewed.
3. Discussed Plant Operations Update including March statistics regarding the plant and maintenance/safety highlights.
4. Discussed the Operations Report including Nebo energy breakdown numbers and Nebo net sales margin for the month of March.

POOL PROJECT

1. Discussed PX & Scheduling Report including monthly/yearly average gas price and solar percent of load energy by member.
2. Discussed Forecast and Purchases including forecasted load and resources for the coming year.
3. Discussed in Executive Session:
 - a. A breakdown of the UAMPS IRP survey results.
4. Discussed the Operations Report including the Pool planned and unplanned scheduling for the month of March.

RESOURCE PROJECT

1. **Approved the corrected General Resource entitlements for FY2024 and respective FY2024 General Resource Budget allocation by member.**
2. Discussed in Executive Session:

- a. Zion's Solar and Battery study project including subscription update.
 - b. Sunnyside waste coal facility solicitation including subscription update.
 - c. Geothermal RFP update.
3. **Approved a study project be formed, including a study budget, for developing PPA and transmission for the Sunnyside resource.**



BOARD OF DIRECTORS MEETING

1. Discussed transmission project update including TransWest Express and Cross-Tie, first quarter natural gas including consumption, national and regional storage levels, production, and pipeline infrastructure in the U.S. and summer seasonal outlook and potential impacts to summer/fall/winter demand due to a formal El Niño watch in effect.
2. Approved all action items for the Project Meetings.