

AGENDA
SHAKOPEE PUBLIC UTILITIES COMMISSION
REGULAR MEETING
December 5, 2022
at 5:00 PM

To watch this meeting live click or copy the link: <https://tinyurl.com/SPU-YouTube-Live>

1. **Call to Order** at 5:00pm in the SPU Service Center, 255 Sarazin Street
 - 1a) Roll Call

2. **Communications**

3. **Consent Agenda**
 - C=> 3a) Approval of November 21, 2022 Minutes (GD)
 - C=> 3b) Approval of December 5, 2022 Agenda (KM)
 - C=> 3c) December 5, 2022 Warrant List (KW)
 - C=> 3d) Res #2022-24 Resolution of Appreciation for Edward Zambrano (GD)
 - C=> 3e) Res #2022-25 Resolution Establishing Water Meter and Installation Fees (LS)
 - C=> 3f) Res #2022-26 Resolution Designating an Official Means of Publication (KW)
 - C=> 3g) Res #2022-27 Resolution Designating Official Depositories of the Shakopee Public Utilities Commission (KW)
 - C=> 3h) Res #2022-28 Resolution Adjusting Fees Applied Under the Water Capacity Charge Policy (JA)
 - C=> 3i) Res #2022-29 Resolution Adjusting Fees Applied Under the Trunk Water Charge Policy (JA)
 - C=> 3j) Res #2022-30 Resolution Adopting Fees and Charges for 2023 (KW)
 - C=> 3k) Res #2022-31 Resolution Approving Payment for the Pipe Oversizing Costs on the Watermain Project: Windermere South 6th Addition (JA)
 - C=> 3l) Res #2022-32 Resolution Regulating Wage Ranges (KW)

4. **Liaison Report** (JB)

5. **Public Comment Period.** Please step up to the table and state your name and address for the record.

6. **Reports: General Manager**
 - 6a) General Manager Report – Verbal (JA)

7. **Reports: Water Items**
 - 7a) Water System Operations Report – Verbal (LS)

8. **Reports: Electric Items**
 - 8a) Electric System Operations Report – Verbal (BC)

9. **Reports: Human Resources**

10. **Reports: General**
 - 10a) Marketing/Key Accounts Report – Verbal (SW)

 - 10b) 2023 – 2027 Final Capital Improvement Plan (JA)

 - 10c) 2023 Capital Projects and Equipment – Final (JA)
 1. Administrative Projects and Equipment
 2. Electric Projects and Equipment
 3. Water Projects and Equipment

 - 10d) 2023 Final Budget Approval (KW)

 - 10e) Res #2022-33 Resolution Establishing Electric Rates for Customers Served by Shakopee Public Utilities (KW)

 - 10f) Res #2022-34 Resolution Establishing Water Rates in and for the City of Shakopee (KW)

 - 10g) Res #2022-35 Resolution Establishing the Power Cost Adjustment Charge, Setting the Power Cost Adjustment Base and other Terms (KW)

 - 10h) Res #2022-36 Resolution Adjusting Fees Applied Under the Installation of Underground Electric Distribution Systems Policy (JA)

 - 10i) East Shakopee Substation Site Update**

 - 10j) Water Treatment Plant Site Update**

11. **Items for Future Agendas**

12. **Tentative Dates for Upcoming Meetings**
 - December 19, 2022 – Potential Cancellation
 - January 3, 2023 - Tuesday
 - January 17, 2023 – Tuesday
 - February 6, 2023
 - February 21, 2023 - Tuesday

13. **Adjournment**

** A portion of this meeting may be closed under Minnesota Statutes, Section 13D.05, subdivision 3(c) to review confidential or protected nonpublic appraisal data and or consider offers or counteroffers for the purchase of properties located at 1462 Maras Street and 3690 Eagle Creek Boulevard and 3650 Eagle Creek Boulevard

MINUTES OF THE
SHAKOPEE PUBLIC UTILITIES COMMISSION

November 21, 2022

Regular Meeting

1. Call to Order. President Mocol called the November 21, 2022 meeting of the Shakopee Public Utilities Commission to order at 5:00 PM. President Mocol, Vice President Krieg, Commissioner Brennan, Commissioner Fox, and Commissioner Letourneau were present.
2. Approval of Consent Agenda. Commissioner Fox moved approval of the consent agenda: (3a) November 7, 2022 minutes; (3b) November 21, 2022 agenda; (3c) November 21, 2022 Warrant List; (3d) Water Dashboard; (3e) Capitalization Policy; and (3f) Time Keeping Policy. Commissioner Letourneau seconded the motion. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None. Motion carried.
3. Liaison Report. Commissioner Brennan had nothing to report.
4. Public Comment Period. Randy Kroc of Prior Lake noted that he is now a former SPU customer due to the electric service territory transfer. He discussed the final bill from SPU, which was 75% higher than expected because it included not only the regular bill but also the final weeks in November before the transfer. Mr. Kroc explained that the bill arrived with only eight days from the invoice to the due date, and with the higher amount owing, the timing, and the automatic payment process, this could be a concern for customers. He asked that SPU improve this process.
5. General Manager Report. Mr. Drent provided an update on current projects, including the 2023 budget, rate resolutions, and final approval of the solar for schools. Mr. Drent noted interest from commercial customers in EV chargers for semi-trucks. He explained that if fee schedules are prepared and if there is no action required on land purchases that are currently in negotiations, the Commission may cancel its meeting for December 19, 2022.
6. Paymentus Settlement Agreement. Mr. Drent explained that with the overall transfer of financial software to the NISC system, and the desire to use the customer real-time payment viewing feature of NISC, in August SPU provided notice of termination of the contract with Paymentus, SPU's ebill and on-line payment vendor, effective February 28, 2023. Paymentus disputed the termination date. Representatives of the parties negotiated a settlement agreement and recommended approval by the Commission. Commissioner Fox moved to approve the proposed Settlement Agreement and Release and to terminate the prior Paymentus contract effective February 28, 2023. Vice President Krieg seconded the motion. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None. Motion carried.
7. Water Report. Lon Schemel, Water Superintendent, reported that crews are working on winter programs, including inspecting feed lines and bagging hydrants. With the talk of diesel being in short supply, SPU has topped off all diesel needed for winter.

8. Lateral Water Main Connection Charge Update. Joseph Adams, Planning and Engineering Director, discussed the draft letter to affected properties of the lateral water main connection charges and future indexing. The Commission discussed revisions to the draft and potentially holding a meeting or open house for customer questions.

9. Tank #9 Structural Design, Constructing Engineering and Construction Monitoring. Mr. Schemel noted that the 2018 Water Plan included a 500,000-gallon elevated tank at Wood Duck Trail and Marshall Road. He recommended that SPU engage Barr Engineering to perform the structural design, construction engineering, and construction monitoring for Tank #9 at a not-to-exceed cost of \$242,400 and KLM Engineering Inc. for welding, coating, and warranty inspections at an estimated cost of \$90,000. Commissioner Letourneau moved to approve the Engineering Services fee proposal by Barr Engineering and authorize signature by the General Manager of the task authorization. Commissioner Fox seconded the motion. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None. Motion carried.

10. Electric Report. Brad Carlson, Electric Superintendent, reported that there have been no outages since the last Commission meeting. He provided an update of electric projects, including Valley Crest installation and underground, working on NISC system service orders on tablets, and decommissioning the overhead powerline on McKenna Road. Mr. Carlson reported the transition of MVEC customers to SPU, with 200 customers expected to transfer on November 28, 2022.

11. East Shakopee Substation Site Update. Mr. Adams reported a tentative agreement on the property purchase price for the proposed substation site located along Hansen Avenue at Maras Street and most of the terms for purchase. He recommended that SPU proceed with the transmission system study through Xcel Energy, which requires a deposit of \$10,000. Commissioner Brennan moved to approve the Service Agreement for Transmission to Load Interconnection System Impact Study and payment of the \$10,000 deposit fee to Xcel Energy. Commissioner Fox seconded the motion. Ayes: Mocol, Fox, Brennan, Krieg, and Letourneau. Nays: None. Motion carried.

12. Items for Future Agendas. Commissioner Brennan requested an update on the billing process for the former SPU customers in Prior Lake.

13. Adjourn. Motion by Commissioner Fox, seconded by Vice President Krieg, to adjourn to the December 5, 2022 meeting. Ayes: Mocol, Krieg, Brennan, Fox, and Letourneau. Nays: None.

Greg Drent, Commission Secretary

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SHAKOPEE PUBLIC UTILITIES COMMISSION

WARRANT LISTING

December 5, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

AAR BUILDING SERVICE CO.	\$4,051.43
ABC MILLWORK & CABINETRY	\$8,341.00
ANOOP ABRAHAM	\$215.00
JESSY ABRAHAM	\$210.00
ADVANCED ENG. & ENVIRONMENTAL SRVC	\$9,375.00
INC ALLSTREAM BUSINESS U	\$2,479.34
AMARIL UNIFORM CO.	\$634.36
APPLE FORD OF SHAKOPEE	\$3,068.22
ARAMARK REFRESHMENT SERVICES INC	\$592.63
ARROW ACE HARDWARE	\$31.13
B & B TRANSFORMER INC	\$70,656.00
ROBERT BERNDTSON	\$65.63
BORDER STATES ELECTRIC SUPPLY	\$26,650.48
CANTERBURY PARK	\$1,271.42
CANTERBURY PARK CATERING & EVENTS	\$6,749.03
KEVIN CHANT	\$170.00
CHOICE ELECTRIC INC	\$151.00
CITY OF SHAKOPEE	\$249,000.00
CITY OF SHAKOPEE	\$1,031.08
CORE & MAIN LP	\$515.06
DAKOTA SUPPLY GROUP	\$949.20
DORAN PROPERTIES	\$16.96
INC. FERGUSON US HOLDINGS	\$1,243.95
KAYE FLEMMING	\$155.00
RANDY FORAR	\$75.00
GRAINGER INC	\$284.30
GREGG HAGEN	\$500.00
INC HARRIS ST PAUL	\$5,098.00
HAWKINS INC	\$6,826.51
HEALTHPARTNERS	\$86,336.84
HENRICKSEN PSG	\$29,237.69
INC. IDEAL SERVICE CO	\$10,472.91
INNOVATIVE OFFICE SOLUTIONS LLC	\$1,801.45
IRBY - STUART C IRBY CO	\$3,917.04
JEFF JENSEN	\$150.00
JT SERVICES	\$1,751.32
UMA KANCHARAPU	\$350.00
KATAMA TECHNOLOGIES, INC.	\$5,550.00
CHELSEA KNAUF	\$500.00
CHRIS KREBS	\$200.00
MCGRANN SHEA CARNIVAL	\$13,908.50
MINN VALLEY TESTING LABS INC	\$408.32
MINNESOTA LIFE	\$1,291.99
NAGEL COMPANIES LLC	\$16,860.00
NAPA AUTO PARTS	\$56.76
NATIONAL CONDUCTOR CONSTRUCTORS LLC	\$351,004.50
NCPERS GROUP LIFE INS.	\$208.00
CINDY NICKOLAY	\$118.75
NISC	\$570.07
NORTHWEST ASPHALT INC	\$50,209.15
O'LOUGHLIN FARMS	\$704.85
TIM OLENE	\$50.00
KYLE PETERSON	\$500.00
PITNEY BOWES GLOBAL FINANCIAL SERVIC	\$1,214.52
PRINCIPAL LIFE INS. COMPANY	\$3,824.90
PAT RASMUSSEN	\$500.00
ROBERT B HILL CO.	\$398.14
INC, LEIDOS ENG. LL RW BECK GROUP	\$7,627.53
COURTNEY & BRIAN SANNES	\$50.00
SANDRA SCHULTZ	\$500.00
SCOTT COUNTY	\$138.00
SCOTT COUNTY JAIL	\$1,659.00
SHERWIN WILLIAMS	\$81.71
DAN 2106 ORMOND SKARIE	\$150.00
INC. STAPLES OIL COMPANY	\$1,113.20
STAR ENERGY SERVICES	\$149.00
GREG TRIPLETT	\$90.63
INC. UNITED SYSTEMS & SOF	\$5,904.20
VERIZON WIRELESS	\$3,265.92
SHARON WALSH	\$57.43

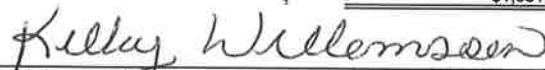
SHAKOPEE PUBLIC UTILITIES COMMISSION

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KALEB WICKLUND	\$50.00
INC. WSB & ASSOCIATES	\$7,955.00
XCEL ENERGY	\$2,903.19
BRENNA ZAVADSKY	\$225.00
NUMBER ASSIGNED INCORRECTLY	\$0.00
CENTERPOINT ENERGY	\$51.69
CENTERPOINT ENERGY	\$992.74
FURTHER	\$420.10
DELTA DENTAL PLAN OF MN	\$5,190.21
	<u>\$1,051,645.72</u>



Presented for approval by: Director of Finance & Administration

Approved by General Manager

Approved by Commission President

SHAKOPEE PUBLIC UTILITIES COMMISSION

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December 5, 2022

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AAR BUILDING SERVICE CO.	\$4,051.43	DEC. CLEANING SERVICE
ABC MILLWORK & CABINETS	\$8,341.00	2022 INTERIOR LIGHTING REBATE
ANOOP ABRAHAM	\$215.00	2022 RES. COOLING & HEATING REBATE
JESSY ABRAHAM	\$210.00	2022 ENERGY STAR DISHWASHER
ADVANCED ENG. & ENVIRONMENTAL SRVC	\$9,375.00	PROF. SERVICE OPWORKS PRO
INC ALLSTREAM BUSINESS U	\$2,479.34	SHAK SUB, PIKE LAKE T1 LINE
AMARIL UNIFORM CO.	\$634.36	CLOTHING FOR WATER DEPT. J.H.
APPLE FORD OF SHAKOPEE	\$3,068.22	ELECTRIC DEPT. TRK 610
ARAMARK REFRESHMENT SERVICES INC	\$592.63	COFFEE FOR LUNCHROOMS
ARROW ACE HARDWARE	\$31.13	ELEC. DEPT. RED POLY GAS CAN
B & B TRANSFORMER INC	\$70,656.00	10 TRANSFORMERS
ROBERT BERNDTSON	\$65.63	105 MILES REIMB URSED
BORDER STATES ELECTRIC SUPPLY	\$26,650.48	CENTRON METERS
CANTERBURY PARK	\$1,271.42	HYDRANT METER RETURN TOTE BOARD/CONCRETS
CANTERBURY PARK CATERING & EVENTS	\$6,749.03	ANNUAL THANK YOU MEETING
KEVIN CHANT	\$170.00	REFUND EV METER FEE CUSTOMER NO LONGER P
CHOICE ELECTRIC INC	\$151.00	REMOVE SMART SWITCHES
CITY OF SHAKOPEE	\$249,000.00	DEC. PILOT TRANSFER FEE
CITY OF SHAKOPEE	\$1,031.08	STORM DRAINAGE/SPU PROPERTIES
CORE & MAIN LP	\$515.06	TOUCHPAD
DAKOTA SUPPLY GROUP	\$949.20	CENTRON
DORAN PROPERTIES	\$16.96	HYDRANT METER RETURN 850 SHENANDOAH DR
INC. FERGUSON US HOLDINGS	\$1,243.95	HD NH COUP
KAYE FLEMMING	\$155.00	2022 RES. ENERGY REBATE
RANDY FORAR	\$75.00	2022 RES. ENERGY STAR APPLIANCE REBATE
GRAINGER INC	\$284.30	PROPANE FUEL CYLINDER
GREGG HAGEN	\$500.00	2022 RES. COOLING & HEATING REBATE
INC HARRIS ST PAUL	\$5,098.00	REPLACE CO & #2 SENSORS
HAWKINS INC	\$6,826.51	HYDROFLUOSILICIC ACID, CHLORINE
HEALTHPARTNERS	\$86,336.84	DEC. HEALTH PARTNER PREMIUMS/NOV. CHARGE
HENRICKSEN PSG	\$29,237.69	WORKSTATION FOR B.C. OFFICE
INC. IDEAL SERVICE CO	\$10,472.91	NEW INPUT FILTER WELL #21
INNOVATIVE OFFICE SOLUTIONS LLC	\$1,801.45	OFFICE SUPPLIES
IRBY - STUART C IRBY CO	\$3,917.04	REFURBISHED METER
JEFF JENSEN	\$150.00	2022 ENERGY STAR DISHWASHER
JT SERVICES	\$1,751.32	MOGUL BASE HIGH PRESSURE SODIUM LAMP
UMA KANCHARAPU	\$350.00	2022 RES. COOLING & HEATING REBATE
KATAMA TECHNOLOGIES, INC.	\$5,550.00	PHASE 3 OF AMI PROJECT
CHELSEA KNAUF	\$500.00	2022 RES. COOLING & HEATING REBATE
CHRIS KREBS	\$200.00	2022 RES. ENERGY COOLING & HEATING
MCGRANN SHEA CARNIVAL	\$13,908.50	VARIOUS WO# & GENERAL MATTERS
MINN VALLEY TESTING LABS INC	\$408.32	NITRATE & NITRIET
MINNESOTA LIFE	\$1,291.99	DEC. LIFE INS. PREMIUMS
NAGEL COMPANIES LLC	\$16,860.00	EMERY & CHESTNUT BORING
NAPA AUTO PARTS	\$56.76	HEXBITSKIT, WINDSHIELD WASH
NATIONAL CONDUCTOR CONSTRUCTORS LLC	\$351,004.50	W. SHAK. SUB. PYMT #4
NCPERS GROUP LIFE INS.	\$208.00	DEC. PREMIUMS
CINDY NICKOLAY	\$118.75	190 MILEAGE REIMB.
NISC	\$570.07	TRAVEL EXPENSES - C.KYAR
NORTHWEST ASPHALT INC	\$50,209.15	RIVER BLUFFS IMP. PROJECT REC'D 11/28/22
O'LOUGHLIN FARMS	\$704.85	HYDRANT METER REFUND 2988 E VALLEY VIEW
TIM OLENE	\$50.00	2022 RES. ENERGY STAR APPLIANCE
KYLE PETERSON	\$500.00	2022 RES. COOLING & HEATING
PITNEY BOWES GLOBAL FINANCIAL SERVIC	\$1,214.52	4TH QTR. MAILING MACHINE RENTAL
PRINCIPAL LIFE INS. COMPANY	\$3,824.90	DEC. LONG TERM. DISABILITY
PAT RASMUSSEN	\$500.00	2022 RES. COOLING & HEATING REBATE
ROBERT B HILL CO.	\$398.14	SALT DELIVER
INC, LEIDOS ENG. LL. RW BECK GROUP	\$7,627.53	SPU W. SHAK SUB. DESIGN
COURTNEY & BRIAN SANNES	\$50.00	2022 WATER SENSE TOILET
SANDRA SCHULTZ	\$500.00	2022 RES. COOLING & HEATING REBATE
SCOTT COUNTY	\$138.00	RECORDING EASEMENT WMG ACQUISITIONS
SCOTT COUNTY JAIL	\$1,659.00	2022 LIGHTING COMMERCIAL REBATE
SHERWIN WILLIAMS	\$81.71	PAINT PUMP HOUSE 12 & 15
DAN 2106 ORMOND SKARIE	\$150.00	2022 ENERGY STAR DISHWASHER REBATE
INC, STAPLES OIL COMPANY	\$1,113.20	SIBERIAN #2 DYED SOY DF
STAR ENERGY SERVICES	\$149.00	NOVA POWER PORTAL SUPPORT
GREG TRIPLETT	\$90.63	145 MILES REIMB.
INC, UNITED SYSTEMS & SOF	\$5,904.20	ITRON ENCODER REMOTE
VERIZON WIRELESS	\$3,265.92	OCT. 24 - NOV. 23 MONTHLY CHARGES
SHARON WALSH	\$57.43	APPA CUSTOMER CONNECTION CONF.

SHAKOPEE PUBLIC UTILITIES COMMISSION

WARRANT LISTING

December 5, 2022

By direction of the Shakopee Public Utilities Commission, the Secretary does hereby authorize the following warrants drawn upon the Treasury of Shakopee Public Utilities Commission:

WESCO RECEIVABLES CORP.	\$30,568.74	MARKER LOCATOR
KALEB WICKLUND	\$50.00	2022 RES. ENERGY STAR REBATE
INC. WSB & ASSOCIATES	\$7,955.00	PROF. SERVICE THRU OCT. 31, 2022
XCEL ENERGY	\$2,903.19	GAS USAGE FOR AMBERGLEN 10/20-11/20
BRENNA ZAVADSKY	\$225.00	2022 ENERGY STAR DISHWASHER
NUMBER ASSIGNED INCORRECTLY	\$0.00	NO CHECK
CENTERPOINT ENERGY	\$51.69	GAS USAGE FOR 10TH AVE. 10/20-11/20
CENTERPOINT ENERGY	\$992.74	GAS USAGE FOR AMBERGLEN 10/20-11/20
FURTHER	\$420.10	MED. & DEP. CARE REIMB.
DELTA DENTAL PLAN OF MN	\$5,190.21	DECEMBER PREMIUMS FOR DENTAL INS.
	<u>\$1,051,645.72</u>	

Presented for approval by: Director of Finance & Administration

Approved by General Manager

Approved by Commission President

RESOLUTION #2022-24

**A RESOLUTION OF APPRECIATION
TO EDWARD ZAMBRANO**

WHEREAS, Mr. Edward Zambrano joined Shakopee Public Utilities on August 11, 2003, and during his extensive tenure of more than nineteen years has worked as the Storekeeper and then moved to the position of Procurement Specialist in the Finance Department; and

WHEREAS, Mr. Zambrano always strived for excellence in contributing to the efficient operation of Shakopee Public Utilities and has been extremely dependable and responsible in performing his duties; and

WHEREAS, Mr. Zambrano retired from his position as Procurement Specialist with Shakopee Public Utilities on November 30, 2022; and

NOW THEREFORE, BE IT RESOLVED BY THE SHAKOPEE PUBLIC UTILITIES COMMISSION, that it does hereby express its sincere and deep appreciation to Mr. Zambrano for his nineteen years of dedicated service to Shakopee Public Utilities.

BE IT FURTHER RESOLVED that the Shakopee Public Utilities Commission extends its best wishes and congratulations to Mr. Edward Zambrano.

Passed in regular session of the Shakopee Public Utilities Commission this Fifth day of December 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-25

RESOLUTION ESTABLISHING
WATER METER AND INSTALLATION FEES

BE IT RESOLVED by the Shakopee Public Utilities Commission at meeting duly assembled on the 5th day of December 2022, that Resolution #2022-01 is repealed upon this resolution taking effect, and that the following fees are set to cover water meters and installation costs and that such charges are payable before water service is started to new services:

Standard Meters

Meter Size	Type	Cost Includes Fittings & Wiring to outside recorder
3/4"	iPERL	\$430.00
1"	iPERL	\$650.00
1"	Fire Rated	\$650.00
1.5"	T2	\$1,485.00
	C2	\$1,930.00
2"	T2	\$1,625.00
	C2	\$1,675.00
3"	T2	\$1,760.00
	C2	\$2,570.00
4"	T2	\$3,300.00
	C2	\$4,190.00
6"	T2	\$5,310.00
	C2	\$6,810.00

Specialty Meters

8" Fire	F2	Call for Price
10" Fire	F2	Call for Price
Fire Detector Meter		\$175.00

Requests for a 1" and larger meter and special meters require SPUC approval.

NOW THEREFORE, BE IT RESOLVED that the water meter and installation fees be increased effective January 1, 2023.

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission this 5th day of December 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-26

A RESOLUTION DESIGNATING AN OFFICIAL
MEANS OF PUBLICATION

BE IT RESOLVED BY THE SHAKOPEE PUBLIC UTILITIES COMMISSION, in meeting duly assembled that the Shakopee Valley News of Savage, Minnesota 55378 be and the same hereby is designated as the official means of publications for the Shakopee Public Utilities Commission, 255 Sarazin Street, Shakopee, MN 55379-0470 for 2023.

Passed in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Secretary: Greg Drent

RESOLUTION #2022-27

A RESOLUTION DESIGNATING OFFICIAL DEPOSITORIES
OF THE SHAKOPEE PUBLIC UTILITIES COMMISSION

WHEREAS, the State of Minnesota Statutes 118.A02 and 118A.06 provide that the governing body of each government entity shall designate, as a depository of its funds, one or more financial institutions.

NOW THEREFORE BE IT RESOLVED, by the Shakopee Public Utilities Commission of the City of Shakopee, Minnesota that the following institutions are designated as depositories.

Western Bank, A Division of American National Bank

Old National Bank

PFM Asset Management, LLC

US Bank as Custodian for Minnesota Municipal Money Market Fund

US Bank Trust and Custody

Adopted in regular session of the Shakopee Public Utilities Commission of the City of Shakopee, Minnesota held this 5th day of December 2022.

Commission President: Kathi Mocol

ATTEST:

Secretary: Greg Drent

RESOLUTION #2021-28

A RESOLUTION ADJUSTING FEES
APPLIED UNDER THE TRUNK WATER POLICY RESOLUTION

WHEREAS, the Shakopee Public Utilities Commission operates and maintains the municipal water system of the City of Shakopee, such system consisting of a (“blended”) complex of water production, treatment, storage, and delivery facilities interconnected across multiple service districts or pressure zones via a network of trunk and lateral watermains, and

WHEREAS, the trunk water charge fees are a component of water availability charges, and

WHEREAS, the fees established in Resolution #222, which Resolution established the Trunk Water Charge Policy, are intended to be adjusted on the first day of January each year, and

WHEREAS, the fees were last adjusted in 2020 by Resolution #1286 to \$4,662.00 per acre, and

WHEREAS, the Shakopee Public Utilities Commission has received a report by Ehlers Public Finance Advisors dated December 3, 2020, and

WHEREAS, the Shakopee Public Utilities Commission determines an upward adjustment in the trunk water charge equal to 4.75% is warranted at this time to provide adequate funding for the planned trunk water main facilities necessary to serve developing properties with the Commission’s standard of level “A” service (i.e. a robust, redundant, looped water supply and distribution system capable of supplying water safe for human consumption at adequate pressure for domestic and fire protection uses), and

WHEREAS, the Shakopee Public Utilities Commission determines an adjustment in the calculation of net area that is subject to the trunk water charge in each development is now warranted.

NOW THEREFORE, BE IT RESOLVED, that the trunk water charge fees be increased to \$4,884.00 per net acre effective January 1, 2022.

BE IT FURTHER RESOLVED, that the high water level area of storm water ponding shall now be exempt from the Trunk Water Charge.

BE IT FURTHER RESOLVED, that future increases in the trunk water charge fees shall be based on the Ehlers Report until a further updated study is performed.

BE IT FURTHER RESOLVED, that the funds collected from the trunk water charges will be set aside by the Utility and used to pay for construction of trunk water main facilities.

BE IT FURTHER RESOLVED, that water availability shall not be granted until the acceptance by the Utility of payment of all standard water fees requisite by this resolution and by compliance with all other Shakopee Public Utilities Commission resolutions applicable to new services.

BE IT FURTHER RESOLVED, that in the case of large water users, specific authorization by Shakopee Public Utilities Commission is also a prerequisite to water availability.

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 6th day of December, 2021.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-29

A RESOLUTION ADJUSTING FEES
APPLIED UNDER THE TRUNK WATER POLICY RESOLUTION

WHEREAS, the Shakopee Public Utilities Commission operates and maintains the municipal water system of the City of Shakopee, such system consisting of a (“blended”) complex of water production, treatment, storage, and delivery facilities interconnected across multiple service districts or pressure zones via a network of trunk and lateral watermains, and

WHEREAS, the trunk water charge fees are a component of water availability charges, and

WHEREAS, the fees established in Resolution #222, which Resolution established the Trunk Water Charge Policy, are intended to be adjusted on the first day of January each year, and

WHEREAS, the fees were last adjusted in 2022 by Resolution #2021-28 to \$4,884.00 per acre, and

WHEREAS, the Shakopee Public Utilities Commission has received a report by Ehlers Public Finance Advisors dated December 3, 2020, and

WHEREAS, the Shakopee Public Utilities Commission determines an upward adjustment in the trunk water charge equal to 4.75% is warranted at this time to provide adequate funding for the planned trunk water main facilities necessary to serve developing properties with the Commission’s standard of level “A” service (i.e. a robust, redundant, looped water supply and distribution system capable of supplying water safe for human consumption at adequate pressure for domestic and fire protection uses), and

WHEREAS, the Shakopee Public Utilities Commission determines an adjustment in the calculation of net area that is subject to the trunk water charge in each development is now warranted.

NOW THEREFORE, BE IT RESOLVED, that the trunk water charge fees be increased to \$5,116.00 per net acre effective January 1, 2023.

BE IT FURTHER RESOLVED, that the high water level area of storm water ponding shall now be exempt from the Trunk Water Charge.

BE IT FURTHER RESOLVED, that future increases in the trunk water charge fees shall be based on the Ehlers Report until a further updated study is performed.

BE IT FURTHER RESOLVED, that the funds collected from the trunk water charges will be set aside by the Utility and used to pay for construction of trunk water main facilities.

BE IT FURTHER RESOLVED, that water availability shall not be granted until the acceptance by the Utility of payment of all standard water fees requisite by this resolution and by compliance with all other Shakopee Public Utilities Commission resolutions applicable to new services.

BE IT FURTHER RESOLVED, that in the case of large water users, specific authorization by Shakopee Public Utilities Commission is also a prerequisite to water availability.

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-30

A RESOLUTION ADOPTING FEES AND CHARGES FOR 2023

WHEREAS, it is desirable to have a general listing of various fees and charges applied by the Shakopee Utilities, and

WHEREAS, the Utilities Commission has adopted various electric and water rates and charges by resolutions separate from this one and wish to keep those rates and charges intact,

NOW THEREFORE, BE IT RESOLVED THAT THE SHAKOPEE PUBLIC UTILITIES COMMISSION, hereby adopts the attached listing of fees, charges, and rates, for the purpose of having a common reference, effective January 1, 2023.

BE IT FURTHER RESOLVED, that this resolution does not invalidate any fees or charges adopted by other resolutions, nor does it preclude the subsequent adoption or application of any fees or charges that may arise for circumstances not covered by the attached list.

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this Resolution are hereby authorized and performed.

Adopted in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

SUMMARY OF FEES, CHARGES AND RATES - 2023

Effective January 1, 2023

	WATER	ELECTRIC	ENGINEERING	CUSTOMER ACCOUNTS & COLLECTIONS
Water Rates	by Resn.			
Water Connection Charge	by Resn.			
Trunk Water Charge	by Resn.			
Bulk Water Fill Station	1-1000 gallons - \$5.00 1001+ - \$10.00			
Hydrant Use	\$75 (permit is valid until November 15th of the year it was approved)			
Annual Permit Fee	\$500			
Equipment Deposit for (3/4")	\$1,500			
Equipment Deposit for (2.5")	\$75/ Month (does not include any water usage)			
Meter Rental	Current Irrigation Rate (per 1000 gallons)			
Water Charge				
Connection Permit Fee/Inspection Fee	\$150 (Includes 1 Hr. Inspection) Addtl Hours of inspection @ \$100/Hr.			
PVB (Pressure Vacuum Breaker Testing April 15 - June 15)	\$80			
Shutoff Fee / Cold Weather	\$75 or \$125 after hrs			
Reinstatement Fee	\$75 or \$125 after hrs			
Water Meter Fee	by Resn.			
Special Service Charge				
Flushing	\$70/man hr + truck rate			
WM Inspection	\$70/man hr + truck rate			
Operate Valves	\$70/man hr + truck rate			
After Hours	overtime rates will apply			
Irrigation Valve Fee	\$45/valve			
Private Hydrant Inspection	\$80			
Standby Fire Protection Charge	\$20/yr			
Electric Rates		by Resn.		
Reconnect - Electric				\$100
Renters Deposit				\$200
electric heat				\$100
gas heat				
Commercial Account Deposit				1 months typical bill
Plan Review and Inspection Fee			100% actual costs. Deposit amt=8.5% of constr. Costs	
Underground Charge			by Resn.	
Seasonal Demand Customer Charge			by Resn.	
Special Service Charge				
Line Switching		\$70/manhr + equipment charge		
Misc. Work		\$70/manhr + equipment charge		
After Hours		overtime rates will apply		
Streetlight Charge		refer to attachment		
Security Light Charge		refer to attachment		
Account Setup				\$15
Account Setup - Temp Service				\$50 + tax
NSF Charge				\$30
Stop Payment Charge				\$33
Late Payment Charge				5% of new charges
Net Meter Fee - Residential			\$85	
Net Meter Fee - Commercial 1 Phase			\$85	
Net Meter Fee - Commercial 3 Phase			\$85	
Meter Tampering/Theft				\$100 (plus actual costs)
Distributed Generation Interconnection Fee				
Simplified			\$100	
Fast Track - Certified System			\$100 + \$1/KW	
Fast Track - Non-Certified System			\$100 + \$2/KW	
Study			\$1,000 + \$2/KW Down Payment - Additional Fees May Apply	

**SHAKOPEE PUBLIC UTILITIES STREET LIGHTING
DEVELOPER INSTALLATION COSTS***

Effective January 1, 2023

LIGHT TYPE	POLE TYPE	2022 CHARGE	2023 CHARGE
RESIDENTIAL LED STANDARD 160W LED RECTILINEAR	24' ALUMINUM POLE	\$1,530.00	\$1,530.00
COLLECTOR SINGLE INSTALLATION 160W LED RECTILINEAR	34' ALUMINUM POLE	\$3,200.00	\$3,200.00
COLLECTOR LED STANDARD GROUP CONTROL	34' ALUMINUM POLE	\$3,850.00	\$3,850.00
RESIDENTIAL LED - PRIOR LAKE**	18' ALUMINUM POLE	\$1,530.00	\$1,530.00
COLLECTOR LED - BREAKAWAY	30' ALUMINUM POLE WITH BREAKAWAY BASE	\$4,980.00	\$4,980.00

* FOR TYPICAL MULTIPLE UNITS INSTALLED AS A PART OF A NEW UNDERGROUND ELECTRIC DISTRIBUTION SYSTEM EXTENSION INCLUDES 3 YEARS OF OPERATION AND MAINTENANCE COST

** DOES NOT INCLUDE 3YR ENERGY OR MAINTENANCE SINCE PRIOR LAKE IS BILLED MONTHLY

SHAKOPEE PUBLIC UTILITIES SECURITY LIGHTING RATE SCHEDULE

Effective January 1, 2023

SIZE	TYPE	2022	2023
		Charge	Charge
100W	HPS	\$9.80	\$9.95
100W	HPS CM	\$5.55	\$5.60
250W	HPS	\$18.20	\$18.40
250W	HPS CM	\$7.85	\$7.95
400W	HPS	\$27.30	\$27.60
400W	HPS CM	\$10.60	\$10.70
1000W	METAL HALIDE	\$61.45	\$62.05
SMALL (100W HPS EQUIV)	LED	\$5.05	\$5.10
SMALL (100W HPS EQUIV)	LED CM	\$3.55	\$3.60
MEDIUM (250W HPS EQUIV)	LED	\$10.35	\$10.45
MEDIUM (250W HPS EQUIV)	LED CM	\$5.55	\$5.60
LARGE (1000W MH EQUIV)	LED	\$24.00	\$24.25
LARGE (1000W MH EQUIV)	LED CM	\$9.60	\$9.70
PL/SMSC RESIDENTIAL	LED	\$3.55	\$3.60
PL/SMSC COLLECTOR	LED	\$7.83	\$7.95
PL/SMSC RESIDENTIAL	HPS	\$9.35	\$9.45
PL/SMSC COLLECTOR	HPS	\$17.90	\$17.90

CM IS LIGHT INSTALLED ON THE CUSTOMER SIDE OF THE METER. SPU HAS NO MERCURY VAPOR SECURITY LIGHTS

SUMMARY OF FEES, CHARGES AND RATES

EQUIPMENT RATES

Effective January 1, 2023

EQUIPMENT & NUMBER

\$/HR

Digger Derrick #612	\$100.00
Bucket Truck #610, 611, 614, 616	\$65.00
1 Ton Truck #613, 630, 631, 632, 633, 636, 650	\$30.00
Pick Up Truck #615, 617, 618, 619, 621, 622, 626, 627, 634, 642, 645, 646, 649	\$30.00
Tractor / Back Hoe #638	\$60.00
Trencher #623	\$50.00
Skid Steer #624, #648	\$50.00
Hydra Vacuum #639, #656	\$30.00
Air Compressor #628	\$15.00
Brush Chipper #625, #657	\$20.00
Hydrant Maintenance Truck - #635	\$40.00
Valve Maintenance Trailer	\$50.00

Rate does not include \$70/HR man hour to operate equipment

RESOLUTION #2022-31
RESOLUTION APPROVING PAYMENT FOR THE
PIPE OVERSIZING COSTS ON THE WATERMAIN PROJECT:

WINDERMERE SOUTH 6TH ADDITION

WHEREAS, the Shakopee Public Utilities Commission had previously approved of an estimated amount of \$70,475.24 with Resolution #2022-22 for oversizing on the above described watermain project, and

WHEREAS, the pipe sizes required for that project have been installed as shown on the engineering drawing by Westwood Engineering, and

WHEREAS, a part, or all, of the project contains pipe sizes larger than would be required under the current Standard Watermain Design Criteria as adopted by the Shakopee Public Utilities Commission, and

WHEREAS, the policy of the Shakopee Public Utilities Commission calls for the payment of these costs to install oversize pipe above the standard size.

NOW THEREFORE, BE IT RESOLVED, that the payment by the Shakopee Public Utilities Commission for the oversizing on this project is approved in the amount of \$75,859.36, and

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this Resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-22

RESOLUTION APPROVING OF THE ESTIMATED COST OF
PIPE OVERSIZING ON THE WATERMAIN PROJECT:

WINDERMER SOUTH 6TH ADDITION

WHEREAS, the Shakopee Public Utilities Commission has been notified of a watermain project, and

WHEREAS, the pipe sizes require for that project have been approved as shown on the engineering drawing by Westwood Engineering, and

WHEREAS, a part, or all, of the project contains pipe sizes larger than would be required under the current Standard Watermain Design Criteria as adopted by the Shakopee Public Utilities Commission, and

WHEREAS, the policy of the Shakopee Public Utilities Commission calls for the payment of those costs to install oversize pipe above the standard size, and

NOW THEREFORE, BE IT RESOLVED, that the total amount of the oversizing to be paid by the Shakopee Public Utilities Commission is approved in the amount of approximately \$70,475.24, and

BE IT FURTHER RESOLVED, the payment of the actual amount for said oversizing will be approved by the Utilities Commission when final costs for the watermain project are known, and

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this Resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 15th day of August, 2022.


Commission President: Kathi Mocol

ATTEST:


Commission Secretary: Greg Drent

811 or call 811.com
 811 or call 811.com
 811 or call 811.com

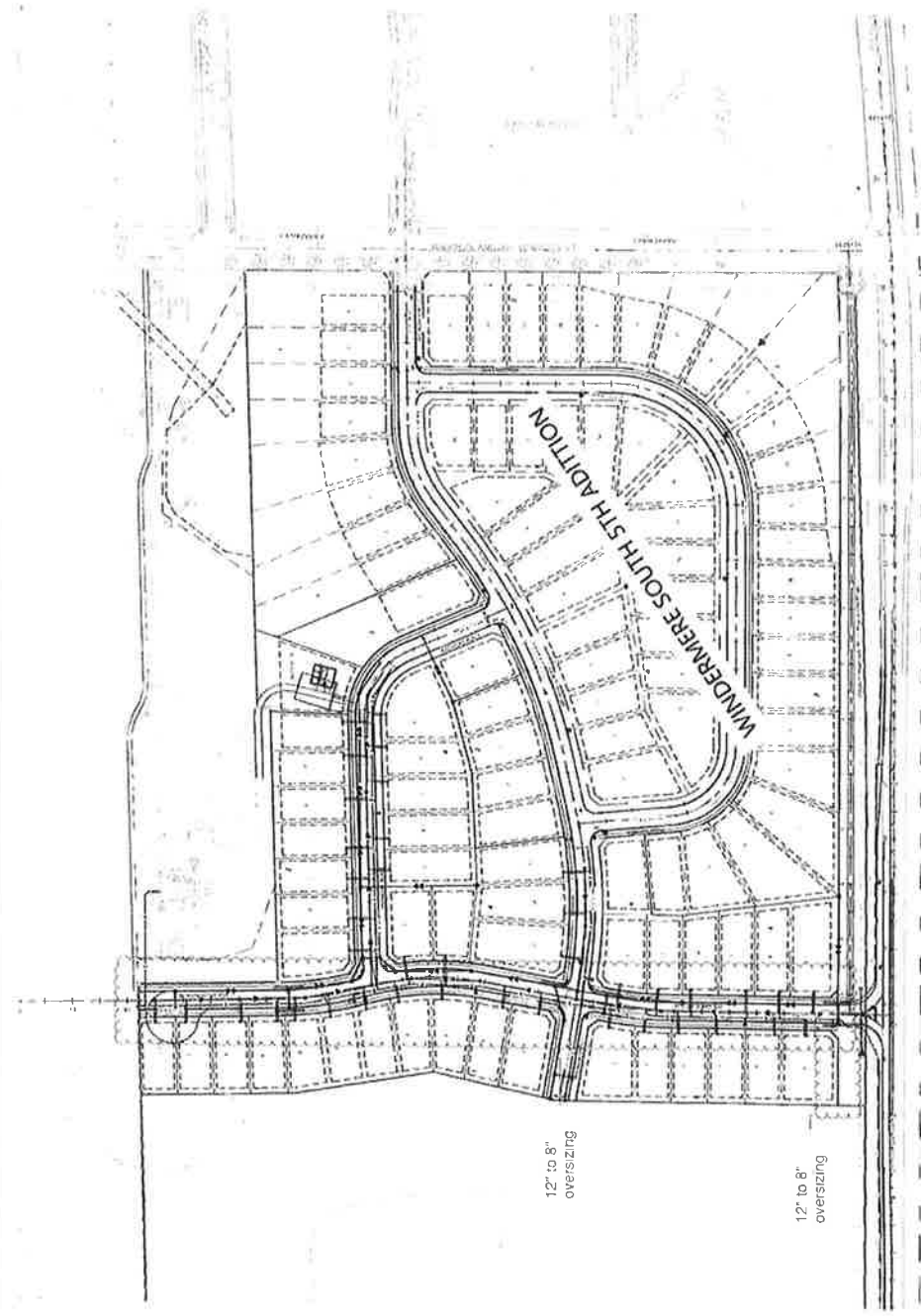
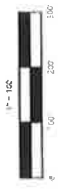
OVERALL UTILITY LEGEND



WINDERMERE SOUTH 6TH TRUNK WATERMAIN (TWF) AND TRANSMISSION MAIN (WCF) OVERSIZING ATTACHMENT TO RESOLUTION #2022-22

RECORD PLANS ACCEPTED
 SHAWNEE PUBLIC UTILITIES COMMISSION
 DATE: _____

APPROVED FOR ONE YEAR FROM THIS DATE
 SHAWNEE PUBLIC UTILITIES COMMISSION
 DATE: _____



12" to 8" oversizing

12" to 8" oversizing

WINDERMERE SOUTH 6TH ADDITION

SHEET NO. 06/13/22 PROJECT NO. 2022-22 DATE 06/13/22 DRAWN BY CHECKED BY APPROVED BY	Westwood 10000 15th Avenue S Suite 100 Minneapolis, MN 55425 Phone: 612.338.1111 Fax: 612.338.1112 www.westwoodmn.com	WINDERMERE SOUTH 6TH ADDITION ST. LOUIS, MO	OVERALL WATERMAIN PLAN SHEET NO. 3 OF 46 PROJECT NUMBER 0029534.06 DATE 06/16/22
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PREPARED FOR
DR HORTON, INC. - MINNESOTA
 200 WINDERMERE COURT, SUITE 100
 LAKTAVILLE, MINNESOTA, 55044

DESIGNED BY
WESTWOOD
 10000 15th Avenue S
 Suite 100
 Minneapolis, MN 55425
 Phone: 612.338.1111
 Fax: 612.338.1112
 www.westwoodmn.com

RESOLUTION #2022-32

RESOLUTION REGULATING WAGE RANGES

BE IT RESOLVED BY THE SHAKOPEE PUBLIC UTILITIES COMMISSION in meeting duly assembled on December 5, 2022, that the Shakopee Public Utilities Commission does hereby amend Resolution #2021-32 and affirm wage ranges in accordance with the rates in "Appendix A" to this Resolution.

BE IT FURTHER RESOLVED that said wage ranges are to become effective from and after January 1st, 2023 as applicable.

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this Resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

Appendix "A" To Resolution # 2022-32
Shakopee Public Utilities 2023 Wage Ranges

Position	Hourly Personnel Range (\$ Per Hour)			Salaried Personnel Range (\$ Bi-Weekly)			
General Manager				6,415.92	8,020.11	9,623.45	
Director of Finance and Administration				5,349.01	6,686.27	8,023.52	
Planning & Engineering Director				5,349.01	6,686.27	8,023.52	
Director of Field Operations				5,349.01	6,686.27	8,023.52	
Electric Superintendent				4,640.30	5,800.16	6,960.03	
Director of Key Accounts, Marketing & Special Projects				4,640.30	5,800.16	6,960.03	
IT Director				4,285.52	5,356.69	6,427.86	
Engineering Supervisor				4,285.52	5,356.69	6,427.86	
Water Superintendent				3,930.74	4,914.06	5,896.54	
Accounting Supervisor				3,576.80	4,470.59	5,365.22	
CS & Billing Supervisor				3,222.03	4,027.96	4,833.04	
Accounting Specialist	26.98	33.73	40.48				
Accounting Technician, AP & Human Resources)	35.84	44.81	53.77				
Administrative Assistant	31.42	39.27	47.12				
Apprentice Lineman	35.84	44.81	53.77				
Billing & Customer Service Clerk	26.98	33.73	40.48				
Billing Specialist (Lead)	31.42	39.27	47.12				
Dispatcher	22.56	28.19	33.83				
Electric Supervisor	49.13	61.43	73.71				
Engineering Technician	31.42	39.27	47.12				
GIS/Drone Specialist	31.42	39.27	47.12				
Procurement Specialist	26.98	33.73	40.48				
Journeyman Lineman	40.28	50.35	60.41				
Lead Lineman	44.71	55.88	67.07				
Locator/Meter Specialist	22.56	28.19	33.83				
Meter Reader				PT	22.56	28.19	33.83
Meter/Electronics Technician	35.84	44.81	53.77				
Network Administrator	31.42	39.27	47.12				
SCADA Specialist/AMI Data Analyst	35.84	44.81	53.77				
Service Department Lead	44.71	55.88	67.07				
Inventory & Maintenance Specialist	26.98	33.73	40.48				
Temp/Summer Help				PT	14.83	17.18	19.53
Water Operator-Apprentice	26.98	33.73	40.48				
Water Operator-Journeyman	31.42	39.27	47.12				
Water Supervisor	40.28	50.35	60.41				
Duty Pay	486.50				Weekly		
Duty Pay Holiday	583.80				Weekly		
Commissioner	500.00				Monthly		
Commissioner, President	600.00				Monthly		
MMPA Representative	100.00				Monthly		

Note: Governor's compensation limit effective January 1, 2023 is \$206,939.



PO Box 470 • 255 Sarazin Street
Shakopee, Minnesota 55379
Main 952.445-1988 • Fax 952.445-7767
www.shakopeeutilities.com

TO: Greg Drent, General Manger *GD*
FROM: Joseph D. Adams, Planning & Engineering Director *J Adams*
SUBJECT: 2023 – 2027 FINAL CAPITAL IMPROVEMENT PLAN
DATE: November 28, 2022
ISSUE

Attached is the 2023- 2027 Final Capital Improvement Plan for the Commission's consideration. The Plan covers Administrative, Electric and Water system improvements for the five-year period of 2023 – 2027.

DISCUSSION:

There are only a few minor changes from the 2023 – 2037 Semi-Final CIP presented to the Commission on November 7, 2022.

- a) Lines 15, 16, and 21 in the Electric Detail were adjusted to add \$17,000 total in 2023 vehicle costs due to inflation.
- b) Staff added \$81,000 in the 2022 Carryover for the Water Main Reconstruction (Line 39 of the Water Detail).
- c) Staff added \$40,000 in 2023 for 12" WM Pike Lake Road, Whispering Water 2nd Addition (Line 52 of the Water Detail).
- d) Staff relocated the Water Treatment Plant expenses under the Water Treatment section vs. the pump house section of the Connection Fund, (Line 80 of the Water Detail) in 2025 to 2027.

REQUESTED ACTION:

Staff requests that the Commission **ACCEPT** the Final 2023 – 2027 CIP.

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Administrative Summary**

	Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
1	Equipment	See detail	-	72,500	27,500	12,500	32,500	62,500
2	Hardware	See detail	-	212,200	173,555	112,275	112,275	189,478
3	Software	See detail	835,000	180,000	-	-	-	-
4								
5	Total Administrative		\$ 835,000	\$ 464,700	\$ 201,055	\$ 124,775	\$ 144,775	\$ 251,978
6								
7	Cumulative Total Administrative			\$ 1,299,700	\$ 1,500,755	\$ 1,625,530	\$ 1,770,305	\$ 2,022,283
8								
9		Electric		974,775	150,791	93,581	108,581	188,984
10		Water		324,925	50,264	31,194	36,194	62,995

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Administrative Detail**

Type	Item	Source of Request	Justification	Qty	Unit Cost	2022 Carryover	2023	2024	2025	2026	2027
1	Furn & Equipment	Work Station Configuration and Replacements	F&A - IT	Work Station Configuration and Replacements		-	15,000	-	-	-	10,000
2	Furn & Equipment	Miscellaneous Hardware	Building	Misc. Office equipment as needed		-	12,500	12,500	12,500	12,500	12,500
3	Furn & Equipment	Equipment Lockers- Shop Area	Building	Lockers and bench	15	-	-	15,000	-	-	-
4	Furn & Equipment	Electric Room Configuration - Cubicles	Electric	New furniture design and installation	5	-	-	-	-	20,000	-
5	Furn & Equipment	Commission Room Tables	Building	Conference room tables		-	-	-	-	-	40,000
6	Equipment	Water Truck/Tailer	Marketing	Promotional item		-	45,000	-	-	-	-
7	Total Equipment					-	72,500	27,500	12,500	32,500	62,500
8	Hardware	ICS Firewall	F&A - IT	Create network segmentation between IT/OT networks	1	2,500	-	2,500	-	-	-
9	Hardware	HPE Aruba AP Replacements	F&A - IT	Aruba Aps end of life need replacement	25	1,425	-	35,625	-	-	-
10	Hardware	HPE Storeonce Veeam Storage Expansion	F&A - IT	Local Veeam backup storage expansion		22,000	-	22,000	-	-	-
11	Hardware	Commission Room Meeting Room System	Building	Replacement of Commission Room Equipment to utilize IoT	1		-	10,800	-	-	-
12	Hardware	Plan/Eng Plotter Replacement	Plan/Eng	Plan/Eng HP plotter is 5 years old future replacement		10,000	-	10,000	-	-	-
13	Hardware	Fiber Ring /INET Connectivity	F&A - IT	Connectivity/Redundancy for systems/remote sites	21	7,100	-	37,275	37,275	37,275	37,275
14	Hardware	Miscellaneous Hardware	F&A - IT	Future planning/Unplanned replacements			-	75,000	75,000	75,000	75,000
15	Hardware	Network Switches	F&A - IT	Future Standard Replacement Cycle	5	7,600	-	19,000	12,667	-	29,478
16	Hardware	Cluster Headend Replacement	F&A - IT	Replace Cluster Nodes for server high availability/recovery	3	7,871	-	-	23,613	-	-
17	Hardware	Offsite NAS	F&A - IT	Offsite network attached storage for backup / replication	1	13,000	-	-	13,000	-	-
18	Hardware	Remit Plus Scanners - Payment Processing	Cust. Service	Scanner Replacements	3	4,000	-	-	12,000	-	-
19	Hardware	Firewall	F&A - IT	Replace product reaching end of life support			-	-	-	-	45,000
20	Hardware	SAN Replacement	F&A - IT	Replacement of SAN	1	40,000	-	-	-	-	40,000
21	Total Hardware					-	212,200	173,555	112,275	112,275	189,478
22	Software	Finance Software	F&A - IT	Daffron replacement software - NISC			835,000	165,000	-	-	-
23	Software	NOVA Software Modifications	Plan/Eng	NOVA Software- build a custom modification			-	15,000	-	-	-
24	Total Software						835,000	180,000	-	-	-
25	Total CIP Expenditures - Administration						835,000	464,700	201,055	124,775	144,775

**Shakopee Public Utilities
Capital Improvement Plan**

Final

Dated: 12-5-22

Electric Summary

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
<u>Operating Fund</u>							
<u>System Projects</u>							
1 Miscellaneous	See Detail	-	175,000	175,000	175,000	175,000	175,000
2 System Material & Facilities	See Detail	-	2,045,000	1,530,000	1,480,000	1,330,000	1,430,000
3 Vehicles/Equipment	See Detail	-	597,000	495,000	435,000	350,000	165,000
<u>Local Area Projects</u>							
6 New UG Cables & Related Cost (Net of Contribution)	See Detail	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
7 Replace UG Cable Projects	See Detail	-	40,000	20,000	20,000	20,000	20,000
8 Rebuild OH Lines	See Detail	-	70,000	195,000	20,000	20,000	20,000
<u>Major System Projects</u>							
11 Feeder Extension Projects	See Detail	-	2,090,604	1,826,546	388,700	297,440	-
12 Convert OH to UG	See Detail	-	363,100	475,000	393,000	356,720	61,650
13 Territory Acquisition	See Detail	550,000	400,000	300,000	-	-	-
14 Shakopee Substation	See Detail	-	525,000	-	-	-	-
15 South Shakopee Substation	See Detail	-	35,000	60,000	-	-	-
16 Pike Lake Substation	See Detail	-	-	-	25,000	30,000	-
17 Dean Lake Substation	See Detail	-	25,000	-	-	-	-
18 East Shakopee Substation	See Detail	1,250,000	-	-	-	-	7,355,000
19 West Shakopee Substation	See Detail	5,607,000	38,380	589,000	200,000	-	-
20 Upgrade Projects	See Detail	43,264	220,000	245,000	230,000	255,000	240,000
22 ADVANCED METERING INFRASTRUCTURE (AMI)	See Detail	720,000	1,500,000	1,500,000	1,500,000	-	-
24 Service Center	See Detail	-	167,000	45,000	850,400	50,000	4,050,000
Total Operating Fund		8,170,264	9,291,084	8,455,546	6,717,100	3,884,160	14,516,650
<u>Relocation Fund</u>							
29 Relocation Projects	See Detail	-	186,600	180,000	60,000	65,000	65,000
Total Relocation Fund		-	186,600	180,000	60,000	65,000	65,000
Total Electric		8,170,264	9,477,684	8,635,546	6,777,100	3,949,160	14,581,650
Cumulative Total Electric		8,170,264	17,647,948	26,283,494	33,060,594	37,009,754	51,591,404

**Shakopee Public Utilities
Capital Improvement Plan
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Dated: 12-5-22
Electric Detail**

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
Operating Fund							
System Projects							
1 Miscellaneous	As Necessary	-	175,000	175,000	175,000	175,000	175,000
2 Total Miscellaneous		-	175,000	175,000	175,000	175,000	175,000
3 System Material & Facilities							
4 DC Fast Charger (West Substation)	New Equipment	-	150,000	-	-	-	-
5 Lateral Circuit Reconfiguration	System Reliability	-	25,000	25,000	25,000	25,000	25,000
6 Meters	New Construction	-	350,000	350,000	250,000	150,000	150,000
7 Padmount Switches & Related	Load/Development	-	150,000	150,000	200,000	150,000	250,000
8 Distribution Transformers	Restock to min.	-	1,205,000	900,000	900,000	900,000	900,000
9 System Capacitors-Additional	PF Improvements	-	25,000	25,000	25,000	25,000	25,000
10 SCADA-Capacitor Control	Op. Efficiencies & Voltage Control	-	40,000	40,000	40,000	40,000	40,000
11 SCADA Switches for Tie Switches	System Reliability	-	100,000	40,000	40,000	40,000	40,000
12 Total System Material & Facilities		-	2,045,000	1,530,000	1,480,000	1,330,000	1,430,000
13 Vehicles/Equipment							
14 Construction-Related Equipment-New/Additional/Replacement	Tool Replacement	-	45,000	45,000	45,000	45,000	45,000
15 #618 Duty Truck	Life Cycle Replacement	-	53,000	-	-	-	-
16 #637 Engineering Pick Up 4X4	Life Cycle Replacement	-	47,000	-	-	-	-
17 Dump Truck	New Equipment	-	150,000	-	-	-	-
18 Mini Skid Loader/Backhoe	Life Cycle Replacement	-	50,000	-	-	-	-
19 #610 F550 4x4 Service Truck	Life Cycle Replacement	-	175,000	-	-	-	-
20 Forklift	Life Cycle Replacement	-	30,000	-	-	-	-
21 #629 Engineering Truck	Life Cycle Replacement	-	47,000	-	-	-	-
22 Digger Truck #612 Bucket	Life Cycle Replacement	-	-	300,000	-	-	-
23 #610 Service Bucket Truck	Life Cycle Replacement	-	-	150,000	-	-	-
24 Air Compressor #628	Life Cycle Replacement	-	-	-	70,000	-	-
25 Directional Bore Equipment	New Equip for UG Construction	-	-	-	250,000	-	-
26 Equipment Trailer 30,000 lbs	Life Cycle Replacement	-	-	-	20,000	-	-
27 #617 Replacement Truck	Life Cycle Replacement	-	-	-	50,000	-	-
28 #631 Service Truck 4X4	Life Cycle Replacement	-	-	-	-	50,000	-
29 #633 Service Truck 4X4	New Equipment	-	-	-	-	50,000	-
30 Woodchipper	Life Cycle Replacement	-	-	-	-	55,000	-
31 Vac-Tron	Life Cycle Replacement	-	-	-	-	95,000	-
32 Skidsteer	Life Cycle Replacement	-	-	-	-	55,000	-
33 #627 4x4 Ext Cab Pickup	New Equipment	-	-	-	-	-	40,000
34 #645 4x4 Pickup	Life Cycle Replacement	-	-	-	-	-	40,000
35 3 Reel Trailer Wire	Life Cycle Replacement	-	-	-	-	-	40,000
36 Total Vehicles/Equipment		-	597,000	495,000	435,000	350,000	165,000
37							
38							
39 Local Area Projects							
40 New UG Cables & Related Cost (Net of Contribution)	Load/Development	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
41 Total New UG Cables & Related Cost (Net of Contribution)		-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
42							

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Electric Detail**

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
43							
44	Replace UG Cable Projects						
45	Replace UG Cable - Projects Yet To Be Determined	As Needed	-	40,000	20,000	20,000	20,000
46	Total Replace UG Cable Projects		-	40,000	20,000	20,000	20,000
47							
48	Rebuild OH Lines						
49	SS-32 CR 15 @Hwy 169 Ramps 0.50 mile Roundabout	Street Project	-	50,000	-	-	-
50	Rebuild OH lines - as needed RP3	Change Out	-	20,000	20,000	20,000	20,000
51	SS-83 CR78/CR69 Roundabout	Street Project	-	-	150,000	-	-
52	DL-52 Eagle Creek Blvd@Vierling Drive Roundabout	Street Project	-	-	25,000	-	-
53	Total Rebuild OH Lines		-	70,000	195,000	20,000	20,000
54	Major System Projects						
55							
56	Feeder Extension Projects						
57	DL-9X to Valley Green Business Park	Load Growth	-	263,120	-	-	-
58	Dean Lake Sub Exit Circuits 1.0 mile	Load Growth	-	228,800	-	-	-
59	WS-XX to Opus Project	Development	-	200,000	-	-	-
60	PL-76 to Southbridge	Loss of Blue Lake Circuits	-	263,120	-	-	-
61	SS-32 CR 16 Ext. from CR15 to CR69 1.0 mile	Street Project & Development	-	131,664	205,234	-	-
62	West Shakopee Substation Exit Circuits	Load Growth	-	604,000	520,000	-	-
63	DL-97 New Feeder DL Sub to Unbridled Ave 1.0 mile	Development (Canterbury Commons)	-	136,800	136,800	-	-
64	SS-84 New Feeder SS Sub to CR 17 via Stonebrooke 0.75 mile	Load Growth	-	-	102,700	102,700	-
65	DL-42 Feeder Extension to Data Center 1.0 mile	Load Growth (Data Center)	-	-	136,812	-	-
66	Dean Lake to BL Feeder tie 1.0 miles	Loss of Blue Lake Circuits	-	-	250,000	-	-
67	WS-XX to Breeggemann Parcel	Development	-	-	200,000	-	-
68	Projects Yet to be Determined 1.0 mile	As Necessary	-	263,100	275,000	286,000	297,440
69	Total Feeder Extension Projects		-	2,090,604	1,826,546	388,700	297,440
70							
71	Assumed Cost per mile unless noted otherwise		-	263,100	275,000	286,000	297,440
72			-	-	-	-	-
73	Convert OH to UG						
74	Eagle Creek Blvd UG .50 miles West of Vierling (50/50) Split with City	Reliability	-	100,000	-	-	-
75	Eagle Creek Blvd UG .50 miles East of Vierling 100% SPU	Reliability	-	-	200,000	-	-
76	Muhlenhardt Undergrounding 0.75 mile	Reliability	-	-	-	50,000	-
77	Presidential OH to UG Conversion, 2 blocks per year, 40 customer/year	Reliability	-	-	-	57,000	59,280
78	Total Convert OH to UG		-	363,100	475,000	393,000	356,720
79							
80	Territory Acquisition						
81	Territory Acquisition	Consolidation	150,000	-	-	-	-
82	Territory Acquisition	Purchase systems/Integration	400,000	100,000	-	-	-
83	Territory Acquisition "build OH & UG to Asphalt Plant 1.0 miles"	Consolidation	-	250,000	-	-	-
84	Territory Acquisition - reinforce feeder network	Consolidation	-	50,000	300,000	-	-
85	Total Territory Acquisition		550,000	400,000	300,000	-	-
86							

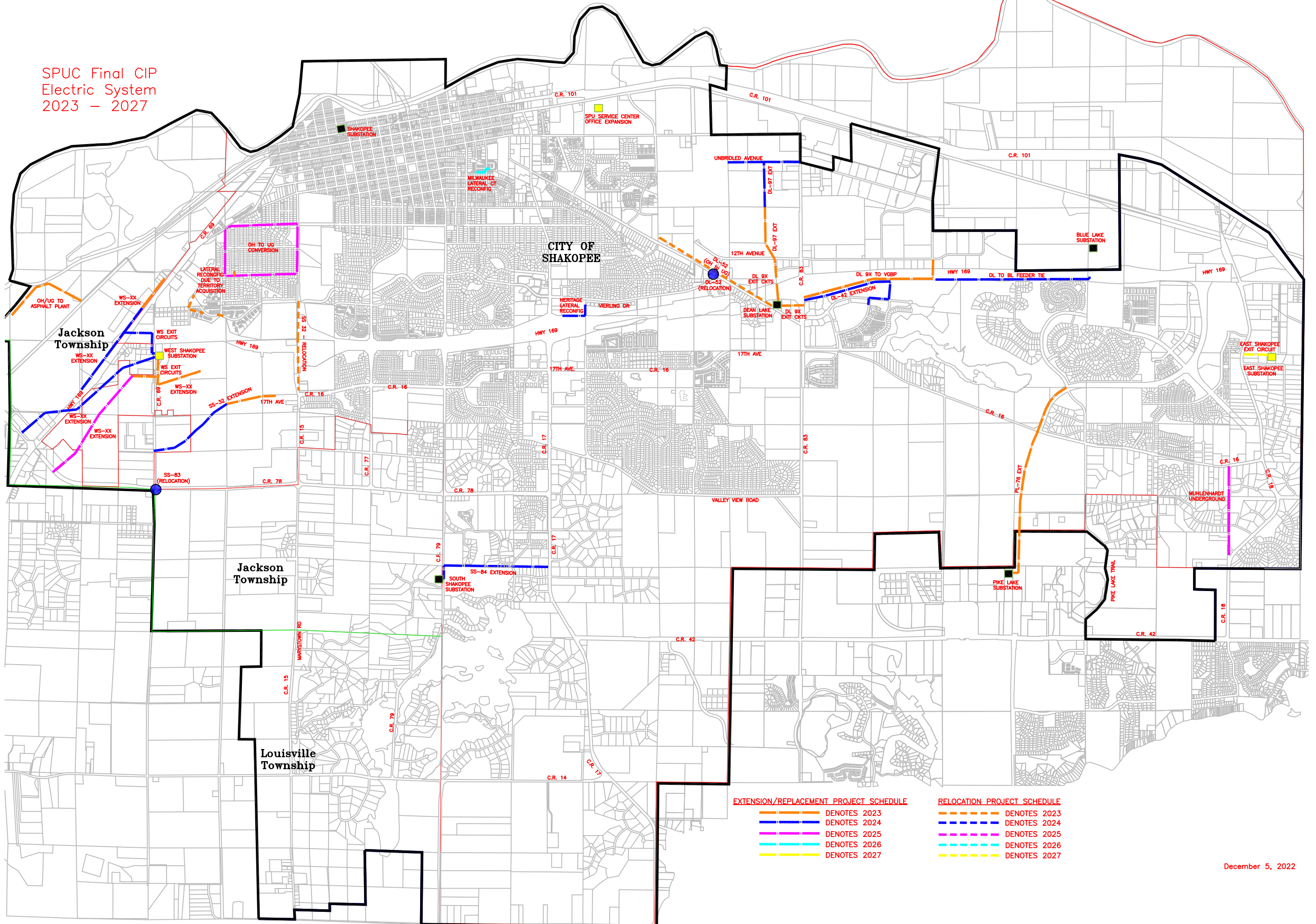
**Shakopee Public Utilities
Capital Improvement Plan
Final
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Electric Detail**

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
87							
88 Shakopee Substation							
89 Land Rights	Load Growth/Downtown Re-development	-	500,000	-	-	-	-
90 Substation to County Fiber & Fiber Equipment	Safety	-	25,000	-	-	-	-
91 Total Shakopee Substation		-	525,000	-	-	-	-
92							
93 South Shakopee Substation							
94 Oil Change Out on Tap Changer (Transformer 1)	Maintenance/Extend Life of Tap Changer	-	35,000	-	-	-	-
95 Substation to County Fiber & Fiber Equipment	Safety	-	-	25,000	-	-	-
96 Oil Change Out on Tap Changer (Transformer 2)	Maintenance/Extend Life of Tap Changer	-	-	35,000	-	-	-
97 Total South Shakopee Substation		-	35,000	60,000	-	-	-
98							
99 Pike Lake Substation							
100 Substation to County Fiber & Fiber Equipment	Safety	-	-	-	25,000	-	-
101 Oil Change Out on Tap Changer	Maintenance/Extend Life of Tap Changer	-	-	-	-	30,000	-
102 Total Pike Lake Substation		-	-	-	25,000	30,000	-
103							
104 Dean Lake Substation							
105 Substation to County Fiber & Fiber Equipment	Safety	-	25,000	-	-	-	-
106 Total Dean Lake Substation		-	25,000	-	-	-	-
107							
108 East Shakopee Substation							
109 Land Rights	Load Growth	1,250,000	-	-	-	-	-
110 Substation to County Fiber & Fiber Equipment	Safety	-	-	-	-	-	25,000
111 Planning/Design/Project Management	Load Growth	-	-	-	-	-	760,000
112 Construction	Load Growth	-	-	-	-	-	6,570,000
113 Total East Shakopee Substation		1,250,000	-	-	-	-	7,355,000
114							
115 West Shakopee Substation							
116 Construction	Load Growth	5,400,000	-	-	-	-	-
117 Planning/Design/Project Management	Load Growth	207,000	38,380	-	-	-	-
118 Substation to County Fiber & Fiber Equipment	Safety	-	-	25,000	-	-	-
119 WS-XX Feeder Line East/South	Load Growth	-	-	264,000	-	-	-
120 WS-XX Feeder Line West/South	Load Growth	-	-	300,000	-	-	-
121 WS - XX Feeder Extension West of River Valley Business Center	Development	-	-	-	200,000	-	-
122 Total West Shakopee Substation		5,607,000	38,380	589,000	200,000	-	-
123							
124 Upgrade Projects							
125 SH-08 Reconductoring 4th, Spencer, Fillmore, Somerville	Load Growth	43,264	-	-	-	-	-
126 Heritage Lateral Reconfiguration	Safety	-	-	25,000	-	-	-
127 Milwaukee Court Lateral Reconfiguration	Safety	-	-	-	-	25,000	-
128 Projects yet to be determined	Load Growth	-	220,000	220,000	230,000	230,000	240,000
129 Total Upgrade Projects		43,264	220,000	245,000	230,000	255,000	240,000

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Electric Detail**

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
130							
131	ADVANCED METERING INFRASTRUCTURE (AMI)						
132	Planning/Design/Project Management	Project Planning/Design	120,000	-	-	-	-
133	Construction/Implementation/Hardware/Software/Training	Customer Service	600,000	1,500,000	1,500,000	1,500,000	-
134	Total ADVANCED METERING INFRASTRUCTURE (AMI)		720,000	1,500,000	1,500,000	1,500,000	-
135							
136							
137	Service Center						
138	Facilities Exterior Main Door Replacement	Maintenance	-	20,000	-	-	-
139	Display Case Office	Marketing	-	10,000	-	-	-
140	Service Center to County Fiber	Safety	-	25,000	-	-	-
141	Garage Heaters	Maintenance	-	30,000	-	-	-
142	Parking Lot - SPU - Chip Seal	Maintenance	-	37,000	-	-	-
143	Miscellaneous Building Improvements/Replacements	Maintenance & Requested Changes	-	45,000	45,000	50,000	50,000
144	Facility Roof Replacement	Maintenance	-	-	-	800,400	-
145	Building Expansion Office	Staff Additions	-	-	-	-	4,000,000
146	Total Service Center		-	167,000	45,000	850,400	50,000
147							
148	Total Operating Fund		8,170,264	9,291,084	8,455,546	6,717,100	3,884,160
149							
150	Relocation Fund						
151	Relocation Projects						
152	SS-32 CR 15 & Hwy 169 Ramps 0.50 mile	Roundabout Impacts	-	131,600	-	-	-
153	CR78/CR69 Roundabout	Roundabout Impacts	-	-	60,000	-	-
154	DL-52 Eagle Creek Blvd@Vierling Drive Roundabout	Street Project	-	-	60,000	-	-
155	Projects Yet to Be Determined 0.50 Ckt. mile	As Necessary	-	55,000	60,000	60,000	65,000
156	Total Relocation Projects		-	186,600	180,000	60,000	65,000
157							
158	Total Relocation Fund		-	186,600	180,000	60,000	65,000
159							
160	Total Electric		8,170,264	9,477,684	8,635,546	6,777,100	14,581,650

SPUC Final CIP
Electric System
2023 - 2027



EXTENSION/REPLACEMENT PROJECT SCHEDULE

- DENOTES 2023
- DENOTES 2024
- DENOTES 2025
- DENOTES 2026
- DENOTES 2027

RELOCATION PROJECT SCHEDULE

- - - DENOTES 2023
- - - DENOTES 2024
- - - DENOTES 2025
- - - DENOTES 2026
- - - DENOTES 2027

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Water Summary**

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
<u>Operating Fund</u>							
1 Miscellaneous	See Detail	35,000	620,000	320,000	285,000	285,000	310,000
2 System Upgrades	See Detail	28,000	135,000	2,135,000	2,195,000	15,000	15,000
3 ADVANCED METERING INFRASTRUCTURE (AMI)	See Detail	76,701	1,500,000	1,500,000	1,500,000	-	-
4 Vehicles/Equipment	See Detail	71,000	104,000	-	47,000	94,000	-
5							
6 Total Operating Fund		210,701	2,359,000	3,955,000	4,027,000	394,000	325,000
7							
<u>Reconstruction Fund</u>							
9 Reconstruction Projects	See Detail	246,000	120,000	165,000	115,000	65,000	2,055,000
10							
11 Total Reconstruction Fund		246,000	120,000	165,000	115,000	65,000	2,055,000
12							
<u>Trunk Fund</u>							
14 Trunk Water Mains - SPUC Projects	See Detail	2,225,000	325,000	25,000	25,000	25,000	-
15 Over Sizing - Non-SPUC Projects	See Detail	211,395	1,938,250	375,000	315,000	500,000	-
16							
17 Total Trunk Fund		2,436,395	2,263,250	400,000	340,000	525,000	-
18							
<u>Connection Fund</u>							
20 Wells	See Detail	10,000	220,000	860,600	125,000	948,800	-
21 Water Treatment	See Detail	1,900,000	6,850,000	1,000,000	1,250,000	11,000,000	16,000,000
22 Pump House Additions/Expansions	See Detail	68,000	2,510,500	7,615,000	3,700,000	100,000	3,840,000
23 New Tanks and Transmission Water Main	See Detail	90,000	150,000	3,000,000	-	-	-
24 Booster Stations	See Detail	-	385,000	500,000	2,000,000	-	-
25 Auxiliary Facilities	See Detail	-	145,000	28,000	28,000	28,000	-
26							
27 Total Connection Fund		2,068,000	10,260,500	13,003,600	7,103,000	12,076,800	19,840,000
28							
29 Total Water		4,961,096	15,002,750	17,523,600	11,585,000	13,060,800	22,220,000
30							
31 Cumulative Total Water		4,961,096	19,963,846	37,487,446	49,072,446	62,133,246	84,353,246

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Water Detail**

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
Operating Fund							
Miscellaneous							
Interconnection w/Savage Metering & Value in Manhole put in Trunk	Development	25,000	-	-	-	-	-
CSAH 16 CIF 22-006 Trail Extension	Trail Extension	10,000	-	-	-	-	-
Emergency Power Generation Conversion @ Riverview Booster Station	Extended Sustainability	-	325,000	-	-	-	-
Chemical Feed Improvements	Safety/Enhanced Accuracy	-	35,000	35,000	-	-	-
Water Meters	PM/Development	-	150,000	175,000	175,000	175,000	200,000
Reservoir Maintenance	Preventative Maintenance	-	50,000	50,000	50,000	50,000	50,000
Power Wash Towers	Preventative Maintenance	-	20,000	20,000	20,000	20,000	20,000
Hydrant Replacement	As Needed	-	40,000	40,000	40,000	40,000	40,000
Total Miscellaneous		35,000	620,000	320,000	285,000	285,000	310,000
System Upgrades							
SCADA Firmware Upgrades	Water System Reliability	28,000	-	-	-	-	-
Recoat Reservoir #3 Canterbury Road	Preventative Maintenance	-	20,000	2,000,000	-	-	-
Fiber Hardware	AMI and SCADA for 4 tanks	-	100,000	100,000	100,000	-	-
Miscellaneous Equipment	As Needed	-	15,000	15,000	15,000	15,000	15,000
Recoat Reservoir #4 Dominion Ave	Preventative Maintenance	-	-	20,000	2,080,000	-	-
Total System Upgrades		28,000	135,000	2,135,000	2,195,000	15,000	15,000
Advanced Metering Infrastructure (AMI)							
Planning/Design/Project Management	Project Planning/Design	76,701	-	-	-	-	-
Construction/Implementation/Hardware/Software/Training	Customer Service	-	1,500,000	1,500,000	1,500,000	-	-
Total Advanced Metering Infrastructure (AMI)		76,701	1,500,000	1,500,000	1,500,000	-	-
Vehicles/Equipment							
Replace Truck #635 (2006)	Life Cycle Replacement	71,000	-	-	-	-	-
Replace Truck #615 (2012)	Life Cycle Replacement	-	47,000	-	-	-	-
Replace Truck #622 (2011)	Life Cycle Replacement	-	57,000	-	-	-	-
Replace Truck #630 (2014)	Life Cycle Replacement	-	-	-	47,000	-	-
Replace Truck #626 (2015)	Life Cycle Replacement	-	-	-	-	47,000	-
Replace Truck #634 (2015)	Life Cycle Replacement	-	-	-	-	47,000	-
Total Vehicles/Equipment		71,000	104,000	-	47,000	94,000	-
Total Operating Fund		210,701	2,359,000	3,955,000	4,027,000	394,000	325,000
Reconstruction Fund							
Reconstruction							
18" Recon CR 83 from VIBS to HWY 169 0.75 mile	County Project	165,000	-	-	-	-	-
Bituminous Overlay	City CIP	-	30,000	35,000	30,000	20,000	-
Correct Deficient Services	As Needed	-	80,000	80,000	80,000	40,000	40,000
Full-Depth Pavement Reconstruction	City CIP	-	10,000	50,000	5,000	5,000	15,000
Water Main Reconstruction	City Street Recon	81,000	-	-	-	-	2,000,000
Total Reconstruction		246,000	120,000	165,000	115,000	65,000	2,055,000
Total Reconstruction Fund		246,000	120,000	165,000	115,000	65,000	2,055,000

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Water Detail**

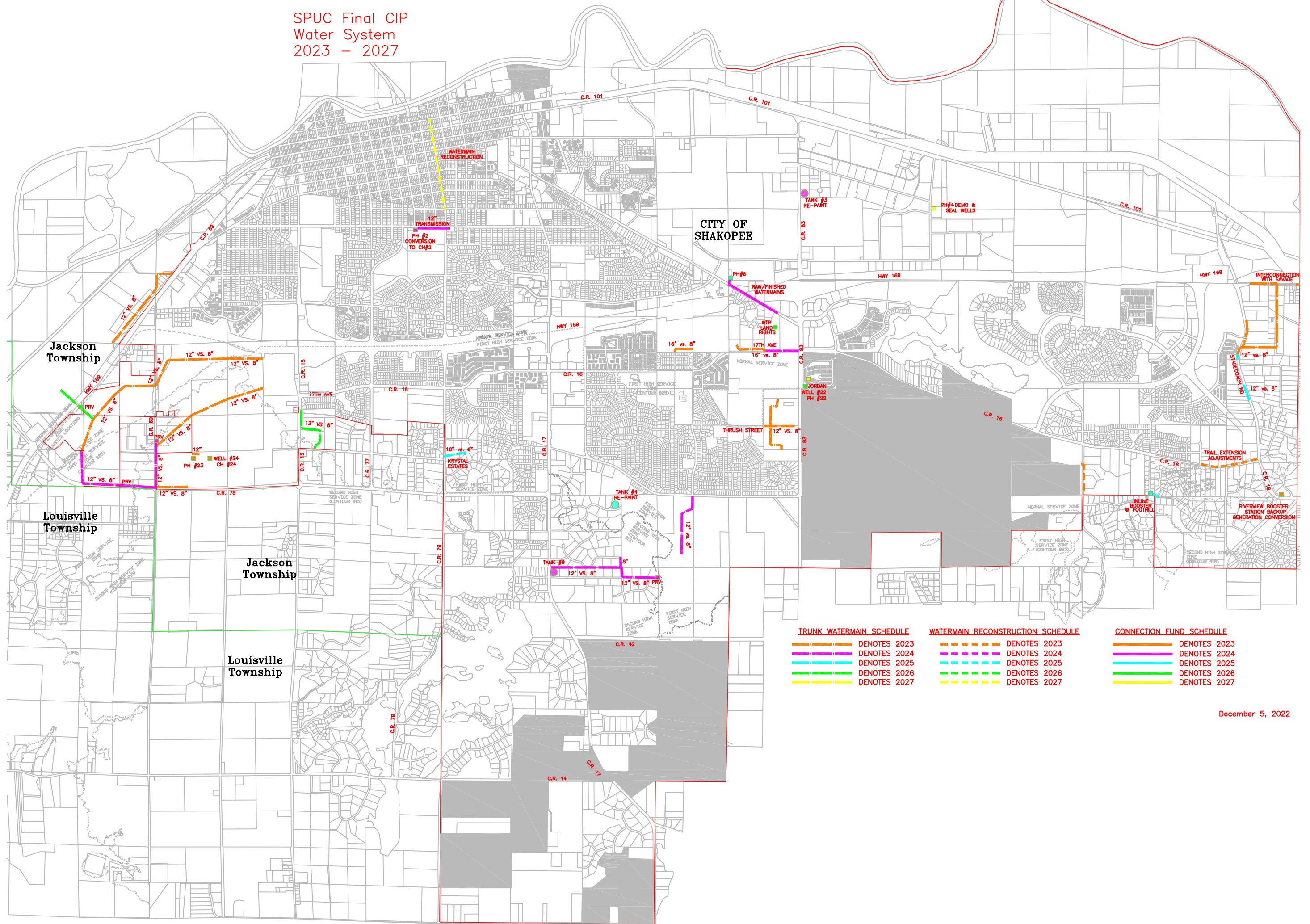
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Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
Trunk Fund							
Trunk Water Mains - SPU Projects (Completed by SPU)							
12" WM West of Windermere parallel to Hwy 169 0.75 mile 1-HES	Development	1,000,000	-	-	-	-	-
12" WM 13th Ave, Maras St, Hansen Ave, Stagecoach Road	Development	1,200,000	300,000	-	-	-	-
Projects to be determined		25,000	25,000	25,000	25,000	25,000	-
Total Trunk Water Mains - SPU Projects		2,225,000	325,000	25,000	25,000	25,000	-
Over Sizing - Non-SPU Projects (Completed by Others)							
16" WM East from Monarch Estates parallel to 17th Ave 0.875 miles	Development	171,395	178,250	-	-	-	-
12" WM Pike Lake Road, Whispering Waters 2nd Addition	Development	40,000	10,000	-	-	-	-
12" WM CR 16 from CR 15 west to CR 69 - 0.75 mile 2-HES	Development/City Project/Scott County	-	180,000	-	-	-	-
12" WM Parallel to CR 69 South from Vierling Drive 0.75 mile NES	Development	-	120,000	-	-	-	-
12" WM Thrush Street from CR 83 to 0.25 mile West 1- HES	Development	-	60,000	-	-	-	-
12" WM CR 83 from Thrush Street to 0.50 mile north and south 1-HES	Development	-	120,000	-	-	-	-
12" WM Vierling Drive West from CR 69 0.25 mile NES	Development	-	60,000	-	-	-	-
12" WM South of Valley View Road @ Independence 0.50 mile (Hauer) 1-HES	Development	-	120,000	-	-	-	-
12" WM West of CR 69 thru area B 1.0 miles 1-HES	Development	-	240,000	-	-	-	-
12" WM from Tank #9 east 0.5 miles	Development	-	750,000	-	-	-	-
12" WM West of CR 69 thru area B 1.0 miles 2-HES	Development	-	-	250,000	-	-	-
12" WM West of Tank #8 Site thru area B to CR 69 0.25 mile	Development	-	-	62,500	-	-	-
12" WM CR 69 0.25 miles north of CR 78	Development	-	-	62,500	-	-	-
16" WM Krystal Addition to CR 79 (800 ft) NES	Development	-	-	-	185,000	-	-
16" WM on Stagecoach Rd from Eagle Creek Preserve to Hansen Ave .025 miles	Development	-	-	-	130,000	-	-
16" WM South of Countryside parallel to CR 15 0.5 miles	Development	-	-	-	-	500,000	-
Projects to be determined		-	100,000	-	-	-	-
Total Over Sizing - Non-SPU Projects		211,395	1,938,250	375,000	315,000	500,000	-
Total Trunk Fund		2,436,395	2,263,250	400,000	340,000	525,000	-
Connection Fund							
Wells							
2-HES Jordan Well #23 @ Tank #8 Site	Development	10,000	-	-	-	-	-
Observation Well TBD @ location TBD	Monitoring	-	130,000	-	-	-	-
Jordan Well #24 Submersible @ Tank #8 Site	Development	-	90,000	860,600	-	-	-
1-HES Jordan Well #22 @ Church Addition	Development	-	-	-	125,000	948,800	-
Total Wells		10,000	220,000	860,600	125,000	948,800	-
Water Treatment							
Land Rights	Development	1,900,000	6,350,000	-	-	-	-
NES Treatment Plant for PFAS et all	Safety/Water Treatment	-	-	-	250,000	10,000,000	15,000,000
Raw Watermain locations TBD	Water Quality	-	500,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Water Treatment		1,900,000	6,850,000	1,000,000	1,250,000	11,000,000	16,000,000

**Shakopee Public Utilities
Capital Improvement Plan
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Water Detail**

Item Description	Justification	2022 Carryover	2023	2024	2025	2026	2027
83 Pump House Additions/Expansions							
84 2-HES Pump House 23 @ Tank #8 Site (includes landscaping for tank #8)	Development	68,000	2,310,500	225,000	-	-	-
85 Control House for Well #24	Development	-	100,000	3,640,000	-	-	-
86 Pumphouse #4 Demolition / Wells 4 and 5 sealing	Safety	-	100,000	-	-	-	200,000
87 Pumphouse #6 Grad Change & Backup Generation	Water Supply	-	-	110,000	3,700,000	-	-
88 PH#2 Conversion to Control House and raw watermain to PH#3	Safety/Water Treatment	-	-	3,640,000	-	-	-
89 NES Pumphouse for Well #22 (Church Addition)	Safety/Water Treatment	-	-	-	-	100,000	3,640,000
90 Total Pump House Additions/Expansions		68,000	2,510,500	7,615,000	3,700,000	100,000	3,840,000
91							
92 New Tanks and Transmission Water Main							
93 2-HES District Storage (0.5 MG, Elevated Tank #9) @ Wood Duck Trail	Development	80,000	100,000	3,000,000	-	-	-
94 2-HES District Storage (0.75 MG, Elevated Tank #8) @ LaTour Terrace	Development	10,000	50,000	-	-	-	-
95 Total New Tanks and Transmission Water Main		90,000	150,000	3,000,000	-	-	-
96 Booster Stations							
97 Inline Booster Station Site @ Foothill Road and Horizon Drive	Development	-	385,000	400,000	-	-	-
98 IHES to 2HES Booster Station @ Foothill/Horizon	Development	-	-	100,000	2,000,000	-	-
99 Total Booster Stations		-	385,000	500,000	2,000,000	-	-
100 Auxiliary Facilities							
101 Fill Station Design and Construction locations TBD	Expanded Water Service to Contractors	-	85,000	-	-	-	-
102 Normal Zone Elevated Tank Altitude Valves	Pressure Control	-	60,000	-	-	-	-
103 Pressure Reducing Valve - 2-HES to 1-HES @ CR 69	Development	-	-	28,000	-	-	-
104 Pressure Reducing Valve - 2-HES to 1-HES @ CR 78	Development	-	-	-	28,000	-	-
105 Pressure Reducing Valve - 1-HES to NES on Hwy 169	Development	-	-	-	-	28,000	-
106 Total Auxiliary Facilities		-	145,000	28,000	28,000	28,000	-
107 Total Connection Fund		2,068,000	10,260,500	13,003,600	7,103,000	12,076,800	19,840,000
108 Total Water		4,961,096	15,002,750	17,523,600	11,585,000	13,060,800	22,220,000

SPUC Final CIP
Water System
2023 – 2027



TRUNK WATERMAIN SCHEDULE	WATERMAIN RECONSTRUCTION SCHEDULE	CONNECTION FUND SCHEDULE
DENOTES 2023	DENOTES 2023	DENOTES 2023
DENOTES 2024	DENOTES 2024	DENOTES 2024
DENOTES 2025	DENOTES 2025	DENOTES 2025
DENOTES 2026	DENOTES 2026	DENOTES 2026
DENOTES 2027	DENOTES 2027	DENOTES 2027

December 5, 2022



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TO: Greg Drent, General Manger *GD*
FROM: Joseph D. Adams, Planning & Engineering Director *J Adams*
SUBJECT: 2023 Administration, Electric and Water Capital Projects & Equipment
DATE: November 28, 2022

Attached are the list of the 2023 Administrative, Electric and Water Capital Projects & Equipment submitted for Commission **APPROVAL**.

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22**

Administrative Summary

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Item Description			Justification	2022 Carryover	2023
Equipment			See detail	-	72,500
Hardware			See detail	-	212,200
Software			See detail	835,000	180,000
Total Administrative				\$ 835,000	\$ 464,700
Cumulative Total Administrative					\$ 1,299,700
					974,775
					324,925

**Shakopee Public Utilities
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Administrative Detail**

	Type	Item	Source of Request	Justification	Qty	Unit Cost	2022 Carryover	2023
1	Furn & Equipment	Work Station Configuration and Replacements	F&A - IT	Work Station Configuration and Replacements			-	15,000
2	Furn & Equipment	Miscellaneous Hardware	Building	Misc. Office equipment as needed			-	12,500
3	Furn & Equipment	Equipment Lockers- Shop Area	Building	Lockers and bench	15		-	-
4	Furn & Equipment	Electric Room Configuration - Cubicles	Electric	New furniture design and installation	5		-	-
5	Furn & Equipment	Commission Room Tables	Building	Conference room tables			-	-
6	Equipment	Water Truck/Tailer	Marketing	Promotional item			-	45,000
7	Total Equipment						-	72,500
8	Hardware	ICS Firewall	F&A - IT	Create network segmentation between IT/OT networks	1	2,500	-	2,500
9	Hardware	HPE Aruba AP Replacements	F&A - IT	Aruba Aps end of life need replacement	25	1,425	-	35,625
10	Hardware	HPE Storeonce Veeam Storage Expansion	F&A - IT	Local Veeam backup storage expansion		22,000	-	22,000
11	Hardware	Commission Room Meeting Room System	Building	Replacement of Commission Room Equipment to utilize IoT	1		-	10,800
12	Hardware	Plan/Eng Plotter Replacement	Plan/Eng	Plan/Eng HP plotter is 5 years old future replacement		10,000	-	10,000
13	Hardware	Fiber Ring /INET Connectivity	F&A - IT	Connectivity/Redundancy for systems/remote sites	21	7,100	-	37,275
14	Hardware	Miscellaneous Hardware	F&A - IT	Future planning/Unplanned replacements			-	75,000
15	Hardware	Network Switches	F&A - IT	Future Standard Replacement Cycle	5	7,600	-	19,000
16	Hardware	Cluster Headend Replacement	F&A - IT	Replace Cluster Nodes for server high availability/recovery	3	7,871	-	-
17	Hardware	Offsite NAS	F&A - IT	Offsite network attached storage for backup / replication	1	13,000	-	-
18	Hardware	Remit Plus Scanners - Payment Processing	Cust. Service	Scanner Replacements	3	4,000	-	-
19	Hardware	Firewall	F&A - IT	Replace product reaching end of life support			-	-
20	Hardware	SAN Replacement	F&A - IT	Replacement of SAN	1	40,000	-	-
21	Total Hardware						-	212,200
22	Software	Finance Software	F&A - IT	Daffron replacement software - NISC			835,000	165,000
23	Software	NOVA Software Modifications	Plan/Eng	NOVA Software- build a custom modification			-	15,000
24	Total Software						835,000	180,000
25	Total CIP Expenditures - Administration						835,000	464,700

**Shakopee Public Utilities
Capital Improvement Plan**

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Electric Summary

Item Description	Justification	2022 Carryover	2023
<u>Operating Fund</u>			
<u>System Projects</u>			
1 Miscellaneous	See Detail	-	175,000
2 System Material & Facilities	See Detail	-	2,045,000
3 Vehicles/Equipment	See Detail	-	597,000
4			
<u>Local Area Projects</u>			
6 New UG Cables & Related Cost (Net of Contribution)	See Detail	-	1,000,000
7 Replace UG Cable Projects	See Detail	-	40,000
8 Rebuild OH Lines	See Detail	-	70,000
9			
<u>Major System Projects</u>			
11 Feeder Extension Projects	See Detail	-	2,090,604
12 Convert OH to UG	See Detail	-	363,100
13 Territory Acquisition	See Detail	550,000	400,000
14 Shakopee Substation	See Detail	-	525,000
15 South Shakopee Substation	See Detail	-	35,000
16 Pike Lake Substation	See Detail	-	-
17 Dean Lake Substation	See Detail	-	25,000
18 East Shakopee Substation	See Detail	1,250,000	-
19 West Shakopee Substation	See Detail	5,607,000	38,380
20 Upgrade Projects	See Detail	43,264	220,000
21			
22 ADVANCED METERING INFRASTRUCTURE (AMI)	See Detail	720,000	1,500,000
23			
24 Service Center	See Detail	-	167,000
25			
26 Total Operating Fund		8,170,264	9,291,084
27			
<u>Relocation Fund</u>			
29 Relocation Projects	See Detail	-	186,600
30			
31 Total Relocation Fund		-	186,600
32			
33 Total Electric		8,170,264	9,477,684
34			
35 Cumulative Total Electric		8,170,264	17,647,948

**Shakopee Public Utilities
Capital Improvement Plan
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Electric Detail**

Item Description	Justification	2022 Carryover	2023
Operating Fund			
System Projects			
1 Miscellaneous	As Necessary	-	175,000
2 Total Miscellaneous		-	175,000
3 System Material & Facilities			
4 DC Fast Charger (West Substation)	New Equipment	-	150,000
5 Lateral Circuit Reconfiguration	System Reliability	-	25,000
6 Meters	New Construction	-	350,000
7 Padmount Switches & Related	Load/Development	-	150,000
8 Distribution Transformers	Restock to min.	-	1,205,000
9 System Capacitors-Additional	PF Improvements	-	25,000
10 SCADA-Capacitor Control	Op. Efficiencies & Voltage Control	-	40,000
11 SCADA Switches for Tie Switches	System Reliability	-	100,000
12 Total System Material & Facilities		-	2,045,000
13 Vehicles/Equipment			
14 Construction-Related Equipment-New/Additional/Replacement	Tool Replacement	-	45,000
15 #618 Duty Truck	Life Cycle Replacement	-	53,000
16 #637 Engineering Pick Up 4X4	Life Cycle Replacement	-	47,000
17 Dump Truck	New Equipment	-	150,000
18 Mini Skid Loader/Backhoe	Life Cycle Replacement	-	50,000
19 #610 F550 4x4 Service Truck	Life Cycle Replacement	-	175,000
20 Forklift	Life Cycle Replacement	-	30,000
21 #629 Engineering Truck	Life Cycle Replacement	-	47,000
22 Digger Truck #612 Bucket	Life Cycle Replacement	-	-
23 #610 Service Bucket Truck	Life Cycle Replacement	-	-
24 Air Compressor #628	Life Cycle Replacement	-	-
25 Directional Bore Equipment	New Equip for UG Construction	-	-
26 Equipment Trailer 30,000 lbs	Life Cycle Replacement	-	-
27 #617 Replacement Truck	Life Cycle Replacement	-	-
28 #631 Service Truck 4X4	Life Cycle Replacement	-	-
29 #633 Service Truck 4X4	New Equipment	-	-
30 Woodchipper	Life Cycle Replacement	-	-
31 Vac-Tron	Life Cycle Replacement	-	-
32 Skidsteer	Life Cycle Replacement	-	-
33 #627 4x4 Ext Cab Pickup	New Equipment	-	-
34 #645 4x4 Pickup	Life Cycle Replacement	-	-
35 3 Reel Trailer Wire	Life Cycle Replacement	-	-
36 Total Vehicles/Equipment		-	597,000
37			
38			
39 Local Area Projects			
40 New UG Cables & Related Cost (Net of Contribution)	Load/Development	-	1,000,000
41 Total New UG Cables & Related Cost (Net of Contribution)		-	1,000,000
42			

**Shakopee Public Utilities
Capital Improvement Plan
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Electric Detail**

Item Description	Justification	2022 Carryover	2023
43			
44	Replace UG Cable Projects		
45	Replace UG Cable - Projects Yet To Be Determined	As Needed	- 40,000
46	Total Replace UG Cable Projects		- 40,000
47			
48	Rebuild OH Lines		
49	SS-32 CR 15 @Hwy 169 Ramps 0.50 mile Roundabout	Street Project	- 50,000
50	Rebuild OH lines - as needed RP3	Change Out	- 20,000
51	SS-83 CR78/CR69 Roundabout	Street Project	- -
52	DL-52 Eagle Creek Blvd@Vierling Drive Roundabout	Street Project	- -
53	Total Rebuild OH Lines		- 70,000
54	Major System Projects		
55			
56	Feeder Extension Projects		
57	DL-9X to Valley Green Business Park	Load Growth	- 263,120
58	Dean Lake Sub Exit Circuits 1.0 mile	Load Growth	- 228,800
59	WS-XX to Opus Project	Development	- 200,000
60	PL-76 to Southbridge	Loss of Blue Lake Circuits	- 263,120
61	SS-32 CR 16 Ext. from CR15 to CR69 1.0 mile	Street Project & Development	- 131,664
62	West Shakopee Substation Exit Circuits	Load Growth	- 604,000
63	DL-97 New Feeder DL Sub to Unbridled Ave 1.0 mile	Development (Canterbury Commons)	- 136,800
64	SS-84 New Feeder SS Sub to CR 17 via Stonebrooke 0.75 mile	Load Growth	- -
65	DL-42 Feeder Extension to Data Center 1.0 mile	Load Growth (Data Center)	- -
66	Dean Lake to BL Feeder tie 1.0 miles	Loss of Blue Lake Circuits	- -
67	WS-XX to Breeggemann Parcel	Development	- -
68	Projects Yet to be Determined 1.0 mile	As Necessary	- 263,100
69	Total Feeder Extension Projects		- 2,090,604
70			
71	Assumed Cost per mile unless noted otherwise		- 263,100
72			- -
73	Convert OH to UG		
74	Eagle Creek Blvd UG .50 miles West of Vierling (50/50) Split with City	Reliability	- 100,000
75	Eagle Creek Blvd UG .50 miles East of Vierling 100% SPU	Reliability	- -
76	Muhlenhardt Undergrounding 0.75 mile	Reliability	- -
77	Presidential OH to UG Conversion, 2 blocks per year, 40 customer/year	Reliability	- -
78	Total Convert OH to UG		- 363,100
79			
80	Territory Acquisition		
81	Territory Acquisition	Consolidation	150,000 -
82	Territory Acquisition	Purchase systems/Integration	400,000 100,000
83	Territory Acquisition "build OH & UG to Asphalt Plant 1.0 miles"	Consolidation	- 250,000
84	Territory Acquisition - reinforce feeder network	Consolidation	- 50,000
85	Total Territory Acquisition		550,000 400,000
86			

**Shakopee Public Utilities
Capital Improvement Plan
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Electric Detail**

Item Description	Justification	2022 Carryover	2023
87			
88 Shakopee Substation			
89 Land Rights	Load Growth/Downtown Re-development	-	500,000
90 Substation to County Fiber & Fiber Equipment	Safety	-	25,000
91 Total Shakopee Substation		-	525,000
92			
93 South Shakopee Substation			
94 Oil Change Out on Tap Changer (Transformer 1)	Maintenance/Extend Life of Tap Changer	-	35,000
95 Substation to County Fiber & Fiber Equipment	Safety	-	-
96 Oil Change Out on Tap Changer (Transformer 2)	Maintenance/Extend Life of Tap Changer	-	-
97 Total South Shakopee Substation		-	35,000
98			
99 Pike Lake Substation			
100 Substation to County Fiber & Fiber Equipment	Safety	-	-
101 Oil Change Out on Tap Changer	Maintenance/Extend Life of Tap Changer	-	-
102 Total Pike Lake Substation		-	-
103			
104 Dean Lake Substation			
105 Substation to County Fiber & Fiber Equipment	Safety	-	25,000
106 Total Dean Lake Substation		-	25,000
107			
108 East Shakopee Substation			
109 Land Rights	Load Growth	1,250,000	-
110 Substation to County Fiber & Fiber Equipment	Safety	-	-
111 Planning/Design/Project Management	Load Growth	-	-
112 Construction	Load Growth	-	-
113 Total East Shakopee Substation		1,250,000	-
114			
115 West Shakopee Substation			
116 Construction	Load Growth	5,400,000	-
117 Planning/Design/Project Management	Load Growth	207,000	38,380
118 Substation to County Fiber & Fiber Equipment	Safety	-	-
119 WS-XX Feeder Line East/South	Load Growth	-	-
120 WS-XX Feeder Line West/South	Load Growth	-	-
121 WS - XX Feeder Extension West of River Valley Business Center	Development	-	-
122 Total West Shakopee Substation		5,607,000	38,380
123			
124 Upgrade Projects			
125 SH-08 Reconductoring 4th, Spencer, Fillmore, Somerville	Load Growth	43,264	-
126 Heritage Lateral Reconfiguration	Safety	-	-
127 Milwaukee Court Lateral Reconfiguration	Safety	-	-
128 Projects yet to be determined	Load Growth	-	220,000
129 Total Upgrade Projects		43,264	220,000

**Shakopee Public Utilities
Capital Improvement Plan
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Electric Detail**

Item Description	Justification	2022 Carryover	2023
130			
131	ADVANCED METERING INFRASTRUCTURE (AMI)		
132	Planning/Design/Project Management	120,000	-
133	Construction/Implementation/Hardware/Software/Training	600,000	1,500,000
134	Total ADVANCED METERING INFRASTRUCTURE (AMI)	720,000	1,500,000
135			
136			
137	Service Center		
138	Facilities Exterior Main Door Replacement	-	20,000
139	Display Case Office	-	10,000
140	Service Center to County Fiber	-	25,000
141	Garage Heaters	-	30,000
142	Parking Lot - SPU - Chip Seal	-	37,000
143	Miscellaneous Building Improvements/Replacements	-	45,000
144	Facility Roof Replacement	-	-
145	Building Expansion Office	-	-
146	Total Service Center	-	167,000
147			
148	Total Operating Fund	8,170,264	9,291,084
149			
150	Relocation Fund		
151	Relocation Projects		
152	SS-32 CR 15 & Hwy 169 Ramps 0.50 mile	-	131,600
153	CR78/CR69 Roundabout	-	-
154	DL-52 Eagle Creek Blvd@Vierling Drive Roundabout	-	-
155	Projects Yet to Be Determined 0.50 Ckt. mile	-	55,000
156	Total Relocation Projects	-	186,600
157			
158	Total Relocation Fund	-	186,600
159			
160	Total Electric	8,170,264	9,477,684

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Water Summary**

	Item Description	Justification	2022 Carryover	2023
	<u>Operating Fund</u>			
1	Miscellaneous	See Detail	35,000	620,000
2	System Upgrades	See Detail	28,000	135,000
3	ADVANCED METERING INFRASTRUCTURE (AMI)	See Detail	76,701	1,500,000
4	Vehicles/Equipment	See Detail	71,000	104,000
5				
6	Total Operating Fund		210,701	2,359,000
7				
8	<u>Reconstruction Fund</u>			
9	Reconstruction Projects	See Detail	246,000	120,000
10				
11	Total Reconstruction Fund		246,000	120,000
12				
13	<u>Trunk Fund</u>			
14	Trunk Water Mains - SPUC Projects	See Detail	2,225,000	325,000
15	Over Sizing - Non-SPUC Projects	See Detail	211,395	1,938,250
16				
17	Total Trunk Fund		2,436,395	2,263,250
18				
19	<u>Connection Fund</u>			
20	Wells	See Detail	10,000	220,000
21	Water Treatment	See Detail	1,900,000	6,850,000
22	Pump House Additions/Expansions	See Detail	68,000	2,510,500
23	New Tanks and Transmission Water Main	See Detail	90,000	150,000
24	Booster Stations	See Detail	-	385,000
25	Auxiliary Facilities	See Detail	-	145,000
26				
27	Total Connection Fund		2,068,000	10,260,500
28				
29	Total Water		4,961,096	15,002,750
30				
31	Cumulative Total Water		4,961,096	19,963,846

**Shakopee Public Utilities
Capital Improvement Plan
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Water Detail**

Item Description	Justification	2022 Carryover	2023
Operating Fund			
Miscellaneous			
Interconnection w/Savage Metering & Value in Manhole put in Trunk	Development	25,000	-
CSAH 16 CIF 22-006 Trail Extension	Trail Extension	10,000	-
Emergency Power Generation Conversion @ Riverview Booster Station	Extended Sustainability		325,000
Chemical Feed Improvements	Safety/Enhanced Accuracy	-	35,000
Water Meters	PM/Development	-	150,000
Reservoir Maintenance	Preventative Maintenance	-	50,000
Power Wash Towers	Preventative Maintenance	-	20,000
Hydrant Replacement	As Needed	-	40,000
Total Miscellaneous		35,000	620,000
System Upgrades			
SCADA Firmware Upgrades	Water System Reliability	28,000	-
Recoat Reservoir #3 Canterbury Road	Preventative Maintenance	-	20,000
Fiber Hardware	AMI and SCADA for 4 tanks	-	100,000
Miscellaneous Equipment	As Needed	-	15,000
Recoat Reservoir #4 Dominion Ave	Preventative Maintenance	-	-
Total System Upgrades		28,000	135,000
Advanced Metering Infrastructure (AMI)			
Planning/Design/Project Management	Project Planning/Design	76,701	-
Construction/Implementation/Hardware/Software/Training	Customer Service	-	1,500,000
Total Advanced Metering Infrastructure (AMI)		76,701	1,500,000
Vehicles/Equipment			
Replace Truck #635 (2006)	Life Cycle Replacement	71,000	-
Replace Truck #615 (2012)	Life Cycle Replacement	-	47,000
Replace Truck #622 (2011)	Life Cycle Replacement	-	57,000
Replace Truck #630 (2014)	Life Cycle Replacement	-	-
Replace Truck #626 (2015)	Life Cycle Replacement	-	-
Replace Truck #634 (2015)	Life Cycle Replacement	-	-
Total Vehicles/Equipment		71,000	104,000
Total Operating Fund		210,701	2,359,000
Reconstruction Fund			
Reconstruction			
18" Recon CR 83 from VIBS to HWY 169 0.75 mile	County Project	165,000	-
Bituminous Overlay	City CIP	-	30,000
Correct Deficient Services	As Needed	-	80,000
Full-Depth Pavement Reconstruction	City CIP	-	10,000
Water Main Reconstruction	City Street Recon	81,000	-
Total Reconstruction		246,000	120,000
Total Reconstruction Fund		246,000	120,000

**Shakopee Public Utilities
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Water Detail**

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Item Description	Justification	2022 Carryover	2023
Trunk Fund			
Trunk Water Mains - SPU Projects (Completed by SPU)			
12" WM West of Windermere parallel to Hwy 169 0.75 mile 1-HES	Development	1,000,000	-
12" WM 13th Ave, Maras St, Hansen Ave, Stagecoach Road	Development	1,200,000	300,000
Projects to be determined		25,000	25,000
Total Trunk Water Mains - SPU Projects		2,225,000	325,000
Over Sizing - Non-SPU Projects (Completed by Others)			
16" WM East from Monarch Estates parallel to 17th Ave 0.875 miles	Development	171,395	178,250
12" WM Pike Lake Road, Whispering Waters 2nd Addition	Development	40,000	10,000
12" WM CR 16 from CR 15 west to CR 69 - 0.75 mile 2-HES	Development/City Project/Scott County	-	180,000
12" WM Parallel to CR 69 South from Vierling Drive 0.75 mile NES	Development	-	120,000
12" WM Thrush Street from CR 83 to 0.25 mile West 1- HES	Development	-	60,000
12" WM CR 83 from Thrush Street to 0.50 mile north and south 1-HES	Development	-	120,000
12" WM Vierling Drive West from CR 69 0.25 mile NES	Development	-	60,000
12" WM South of Valley View Road @ Independence 0.50 mile (Hauer) 1-HES	Development	-	120,000
12" WM West of CR 69 thru area B 1.0 miles 1-HES	Development	-	240,000
12" WM from Tank #9 east 0.5 miles	Development	-	750,000
12" WM West of CR 69 thru area B 1.0 miles 2-HES	Development	-	-
12" WM West of Tank #8 Site thru area B to CR 69 0.25 mile	Development	-	-
12" WM CR 69 0.25 miles north of CR 78	Development	-	-
16" WM Krystal Addition to CR 79 (800 ft) NES	Development	-	-
16" WM on Stagecoach Rd from Eagle Creek Preserve to Hansen Ave .025 miles	Development	-	-
16" WM South of Countryside parallel to CR 15 0.5 miles	Development	-	-
Projects to be determined		-	100,000
Total Over Sizing - Non-SPU Projects		211,395	1,938,250
Total Trunk Fund		2,436,395	2,263,250
Connection Fund			
Wells			
2-HES Jordan Well #23 @ Tank #8 Site	Development	10,000	-
Observation Well TBD @ location TBD	Monitoring	-	130,000
Jordan Well #24 Submersible @ Tank #8 Site	Development	-	90,000
1-HES Jordan Well #22 @ Church Addition	Development	-	-
Total Wells		10,000	220,000
Water Treatment			
Land Rights	Development	1,900,000	6,350,000
NES Treatment Plant for PFAS et all	Safety/Water Treatment	-	-
Raw Watermain locations TBD	Water Quality	-	500,000
Total Water Treatment		1,900,000	6,850,000

**Shakopee Public Utilities
Capital Improvement Plan
Final
Dated: 12-5-22
Water Detail**

Item Description	Justification	2022 Carryover	2023
83 Pump House Additions/Expansions			
84 2-HES Pump House 23 @ Tank #8 Site (includes landscaping for tank #8)	Development	68,000	2,310,500
85 Control House for Well #24	Development	-	100,000
86 Pumphouse #4 Demolition / Wells 4 and 5 sealing	Safety	-	100,000
87 Pumphouse #6 Grad Change & Backup Generation	Water Supply	-	-
88 PH#2 Conversion to Control House and raw watermain to PH#3	Safety/Water Treatment	-	-
89 NES Pumphouse for Well #22 (Church Addition)	Safety/Water Treatment	-	-
90 Total Pump House Additions/Expansions		68,000	2,510,500
91			
92 New Tanks and Transmission Water Main			
93 2-HES District Storage (0.5 MG, Elevated Tank #9) @ Wood Duck Trail	Development	80,000	100,000
94 2-HES District Storage (0.75 MG, Elevated Tank #8) @ LaTour Terrace	Development	10,000	50,000
95 Total New Tanks and Transmission Water Main		90,000	150,000
96 Booster Stations			
97 Inline Booster Station Site @ Foothill Road and Horizon Drive	Development	-	385,000
98 IHES to 2HES Booster Station @ Foothill/Horizon	Development	-	-
99 Total Booster Stations		-	385,000
100 Auxiliary Facilities			
101 Fill Station Design and Construction locations TBD	Expanded Water Service to Contractors	-	85,000
102 Normal Zone Elevated Tank Altitude Valves	Pressure Control	-	60,000
103 Pressure Reducing Valve - 2-HES to 1-HES @ CR 69	Development	-	-
104 Pressure Reducing Valve - 2-HES to 1-HES @ CR 78	Development	-	-
105 Pressure Reducing Valve - 1-HES to NES on Hwy 169	Development	-	-
106 Total Auxiliary Facilities		-	145,000
107 Total Connection Fund		2,068,000	10,260,500
108 Total Water		4,961,096	15,002,750



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 www.shakopeeutilities.com

DATE: December 1, 2022
 TO: Greg Drent, General Manager
 FROM: Kelley Willemssen, Director of Finance & Administration *kw*
 SUBJECT: 2023 Operating Budget

Background:

Attached is the 2023 Final Operating Budget for the Commissions consideration. There are only a few changes from the Preliminary Operating budget presented to the Commission on November 7, 2022. The changes are summarized below:

Electric Operating Expenses

- Customer Service – decrease of (\$142,000) due to a reduction in credit card fees for 2023
- Utilities -increase of \$3,750 due to increase in conference and education expenses not initially included
- Depreciation – increase of \$372,875 due to a reallocation of fixed assets that will be depreciated in 2023
- Employee Benefits (overall Electric Budget)– decrease of (\$359,000) due to a deduction in employee benefit expenses that were booked in 2022 and do not need to be rebooked in 2023

Water Operating Expenses

- Customer Service – decrease of (\$35,500) due to a reduction in credit card fees for 2023
- Utilities – increase of \$1,250 due to increase in conference and education expenses not initially included

Requested Action:

Staff requests that the commission ACCEPT the final 2023 Operating Budget



ELECTRIC	2020 ACTUALS	2021 ACTUALS	2022 AUG YTD	2022 BUDGET	2023 BUDGET	INCREASE/ (DECREASE)	PERCENT CHANGE
OPERATING REVENUE							
RESIDENTIAL SALES	\$ 18,032,655	\$ 20,078,080	\$ 14,498,938	\$ 20,552,456	\$ 22,060,491	\$ 1,508,035	7.34%
COMMERCIAL SALES	\$ 1,654,963	\$ 1,862,964	\$ 1,238,667	\$ 2,315,944	\$ 2,123,049	(192,895)	-8%
INDUSTRIAL SALES	\$ 26,898,830	\$ 29,889,334	\$ 22,096,014	\$ 28,046,178	\$ 34,909,055	6,862,877	24%
CUSTOMER PENALTIES	\$ (197,697)	\$ 134,686	\$ 183,456	\$ 103,535	\$ 275,184	171,649	166%
FREE SERVICE TO CITY	\$ 114,758	\$ 116,313	\$ 77,542	\$ 124,766	\$ 117,718	(7,048)	-6%
CONSERVATION PROGRAM	\$ 694,780	\$ 771,635	\$ 565,736	\$ 754,198	\$ 865,405	111,207	15%
TOTAL OPERATING REVENUE	47,198,288	52,853,012	38,660,354	51,897,077	60,350,902	8,453,825	16.29%
OPERATING EXPENSES							
ELECTRIC	\$ 1,651,092	\$ 2,358,682	\$ 1,858,832	\$ 3,257,771	\$ 3,392,557	\$ 134,786	4.0%
PLANNING AND ENGINEERING	\$ 322,644	\$ 390,732	\$ 329,587	\$ 805,121	\$ 948,227	\$ 143,106	15.1%
CUSTOMER SERVICE	\$ 780,527	\$ 990,931	\$ 771,792	\$ 1,045,437	\$ 1,156,808	\$ 111,371	9.6%
MARKETING & KEY ACCOUNTS	\$ 639,678	\$ 994,983	\$ 366,779	\$ 919,117	\$ 1,116,719	\$ 197,602	17.7%
FINANCE AND ADMINISTRATION	\$ 35,416,213	\$ 39,203,913	\$ 30,584,908	\$ 37,505,301	\$ 43,957,893	\$ 6,452,592	14.7%
UTILITIES	\$ 199,810	\$ 188,703	\$ 326,714	\$ 613,620	\$ 481,746	\$ (131,874)	-27.4%
IT					\$ 643,014	\$ 643,014	100.0%
DEPRECIATION AND AMORTIZATION	\$ 2,420,110	\$ 2,482,092	\$ 1,773,789	\$ 2,660,683	\$ 3,145,933	\$ 485,250	15.4%
TOTAL OPERATING EXPENSES	41,430,074	46,610,037	36,012,401	46,807,051	54,842,897	8,035,845	14.65%
OPERATING INCOME	5,768,065	6,242,975	2,647,953	5,090,026	5,508,005	417,979	7.59%
TOTAL NON-OPERATING INCOME (EXPENSES)	736,614	120,106	(668,273)	1,058,938	(405,871)	(1,464,809)	360.91%
TOTAL CAPITAL CONTRIBUTIONS	527,653	98,931	34,231	692,922	439,835	(253,087)	-57.54%
TOTAL TRANSFER TO MUNICIPALITY	(2,167,882)	(2,370,103)	(1,877,542)	(2,787,674)	(3,415,176)	627,502	-18.37%
NET INCOME OR CHANGE IN NET ASSETS	\$ 4,864,450	\$ 4,091,909	\$ 136,368	\$ 4,054,212	\$ 2,126,792	\$ (1,927,419)	-90.63%

WATER	2020 ACTUALS	2021 ACTUALS	2022 AUG YTD	2022 BUDGETED	2023 BUDGET	INCREASE/ (DECREASE)	PERCENT CHANGE
OPERATING REVENUE							
RESIDENTIAL SALES	\$ 3,257,458	\$ 3,684,101	\$ 2,486,620	\$ 3,163,819	\$ 3,800,971	\$ 637,152	16.76%
COMMERCIAL SALES	\$ 1,358,234	\$ 1,769,298	\$ 1,057,525	\$ 1,398,686	\$ 1,652,809	\$ 254,123	15.38%
INDUSTRIAL SALES	\$ 259,951	\$ 304,969	\$ 201,651	\$ 277,862	\$ 320,808	\$ 42,946	13.39%
OTHER WATER SALES	\$ 702,884	\$ 839,485	\$ 511,663	\$ 667,650	\$ 747,494	\$ 79,844	10.68%
CUSTOMER PENALTIES	\$ (46,252)	\$ 12,682	\$ 13,322	\$ 18,689	\$ 35,509	\$ 16,820	47.37%
TOTAL OPERATING REVENUE	5,532,276	6,610,535	4,270,781	5,526,706	6,557,592	1,030,886	18.65%
OPERATING EXPENSES							
ELECTRIC	\$ 37,843	\$ 41,190	\$ 30,214	\$ 42,017	\$ 22,352	\$ (19,665)	-87.98%
WATER	\$ 1,283,174	\$ 1,842,167	\$ 1,193,753	\$ 2,198,801	\$ 2,194,946	\$ (3,855)	-0.18%
PLANNING AND ENGINEERING	\$ 114,423	\$ 125,474	\$ 122,649	\$ 318,824	\$ 304,018	\$ (14,806)	-4.87%
CUSTOMER SERVICE	\$ 271,391	\$ 362,890	\$ 280,592	\$ 450,103	\$ 406,068	\$ (44,035)	-10.84%
MARKETING & KEY ACCOUNTS	\$ 25,064	\$ 31,919	\$ 33,471	\$ 25,196	\$ 79,347	\$ 54,151	68.25%
FINANCE AND ADMINISTRATION	\$ 1,207,746	\$ 1,144,815	\$ 578,890	\$ 972,209	\$ 953,238	\$ (18,971)	-1.99%
UTILITIES	\$ 122,666	\$ 137,984	\$ 134,810	\$ 365,305	\$ 272,905	\$ (92,400)	-33.86%
IT	\$ -	\$ -	\$ -	\$ -	\$ 208,235	\$ 208,235	100.00%
DEPRECIATION AND AMORTIZATION	\$ 1,733,331	\$ 1,777,894	\$ 1,169,449	\$ 1,754,174	\$ 1,929,592	\$ 175,417	9.09%
TOTAL OPERATING EXPENSES	4,795,640	5,464,333	3,543,828	6,127,310	6,370,701	243,391	3.82%
OPERATING INCOME	736,636	1,146,202	726,953	(600,604)	186,891	787,495	421.37%
TOTAL NON-OPERATING INCOME (EXPENSES)	493,615	144,827	(28,006)	465,602	(63,653)	(529,255)	831.47%
CAPITAL CONTRIBUTIONS	2,849,061	1,786,369	3,290,647	7,632,547	2,339,648	(5,292,899)	-226.23%
TOTAL TRANSFER TO MUNICIPALITY	(216,722)	(253,115)	(192,000)	(289,418)	(393,455)	(104,037)	26.44%
NET INCOME OR CHANGE IN NET ASSETS	\$ 3,862,590	\$ 2,824,283	\$ 3,797,595	\$ 7,208,127	\$ 2,069,431	\$ (5,138,696)	-248%

RESOLUTION #2022-33

RESOLUTION ESTABLISHING ELECTRIC RATES FOR
CUSTOMERS SERVED BY SHAKOPEE PUBLIC UTILITIES

BE IT RESOLVED BY THE SHAKOPEE PUBLIC UTILITIES COMMISSION at their meeting duly assembled on the 5th day of December, 2022, that Resolutions #2022-06 is repealed upon this resolution taking effect, and that the following electric rates shall be and hereby are established for applicable customers of the Shakopee Public Utilities Commission, City of Shakopee.

Section I: RESIDENTIAL SERVICE:
Availability: Residential dwellings

The sum of:

Service Charge:	\$10.00 per month
Energy Charge:	\$0.1190 per KWH
Power Cost Adjustment:	set by separate resolution
Conservation Program Charge:	set by separate resolution

Minimum bill: the Service Charge

Section II: NOT USED

Section III: RESIDENTIAL SERVICE EV RATE (1) (2)

Availability: Residential Dwellings

Service is through separate meter for electric vehicle charging

The sum of:

Service Charge:	\$4.75 per month
Energy Charge:	
Off Peak (3)	\$0.0570 per KWH
On Peak (4)	\$0.2500 per KWH
Power Cost Adjustment	set by separate resolution
Conservation Program Charge:	set by separate resolution

(1) Applicable to separately metered EV usage only

(2) PCA applies

(3) Off peak period is 10 pm to 8 am

(4) On peak period is all other hours

Section IV: NOT USED

Section V: RESIDENTIAL SERVICE FOR SENIOR CITIZENS: (CLOSED)

Availability: Residential dwellings occupied by senior citizen(s)

The sum of:

Service Charge:	\$8.00 per month
Energy Charge:	\$0.1190 per KWH
Power Cost Adjustment:	set by separate resolution
Conservation Program Charge:	set by separate resolution

Minimum bill: the Service Charge

Section VI: COMMERCIAL SERVICE:

Availability: Non-residential customers with less than 15 KW Demand

The sum of:

Service Charge:	\$15.00 per month
Energy Charge:	\$0.1142 per KWH
Power Cost Adjustment:	set by separate resolution
Conservation Program Charge:	set by separate resolution

Minimum bill: the Service Charge

Section VII: GENERAL SERVICE:

Availability: Non-residential customers with demand of 15 KW but less than 150 KW. Service above 75 KW is 3 phase only, except by written exception.

The sum of:

<u>SERVICE CHARGE:</u>	\$60.00 per month
<u>DEMAND CHARGE:</u> All KW of billing demand	\$10.10 per KW

<u>ENERGY CHARGE:</u>	
All KWH per month	\$0.0770 per KWH
<u>POWER COST ADJUSTMENT</u>	set by separate resolution
<u>CONSERVATION PROGRAM CHARGE:</u>	set by separate resolution

Minimum monthly bill: the Service Charge plus the Demand Charge

Billing Demand:

The billing demand shall be the customer's greatest 15 minute demand in kilowatts, incurred during the month for which the bill is rendered, but not less than 60% of the highest demand during the preceding 11 months or 15 KW, whichever is greater.

Section VIII: INDUSTRIAL SERVICE:

Availability: Non-Residential customer with demand of 150 KW and over.

The billing demand shall be as described in this section.

The sum of:

<u>SERVICE CHARGE:</u>	\$100.00 per month
<u>DEMAND CHARGE:</u>	
All KW of billing demand	\$10.10 per KW
<u>ENERGY CHARGE:</u>	
First KWH's up to 400 hours times the billing Demand	\$0.0770 per KWH
All KWH's in excess of 400 hours times the billing Demand	\$0.0705 per KWH
<u>POWER COST ADJUSTMENT</u>	set by separate resolution
<u>CONSERVATION PROGRAM CHARGE:</u>	set by separate resolution

Minimum monthly bill: the Service Charge plus the Demand Charge

Determination of billing Demand:

The billing demand shall be the customer's greatest 15 minute demand in kilowatts, incurred during the month for which the bill is rendered, but not less than 60% of the highest billing demand during the preceding 11 months or 15 KW, whichever is greater.

The customer agrees to maintain an average power factor at or above 90%. If the average power factor is less than 90% lagging, the billing demand shall be adjusted by multiplying the actual 15 minute demand measured during the month by the ratio of 90% to the average power factor expressed in percent.

Average Power Factor:

The average power factor is defined to be the quotient obtained by dividing the KWH used during the month by the square root of the sum of the squares of the KWH used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor.

Section IX: INDUSTRIAL SERVICE - with Time Of Use Option:

Availability: Non-Residential customer with demand of 1,000 KW and over, who would otherwise be subject to the requirements of Section VIII of Resolution #2022-06.

Limitations to Availability: Due to the exploratory basis on which Time Of Use Service is being offered, the availability of such service terms under Resolution #2022-06 is limited to one customer, and further subject to such practical limitations as may exist involving the availability of technology and the administrative practices to provide billing under such TOU rates.

The billing demand shall be as described in this section.

The sum of:

SERVICE CHARGE: \$120.00 per month

DEMAND CHARGE:

On-peak KW of billing demand \$10.10 per KW

Off-peak KW of billing demand
in excess of On-peak KW
of billing demand \$3.00 per KW

ENERGY CHARGE:

On-peak KWH's \$0.0823 per KWH

Off-peak KWH's \$0.0694 per KWH

with a credit applied to KWH's
in excess of 400 hours times
the billing demand \$0.0062 per KWH

TIME PERIODS:

On-peak period 9 a.m. - 10 p.m., M - F
CST or CDT as applicable

Off-peak period all other hours

OTHER TERMS APPLICABLE

Shakopee Utilities will make reasonable efforts to provide reliable and prompt billings within the provisions of this section, however, in the event of a failure to provide reliable billing as a result of deficiency in technology or in the administrative processing of billings under TOU rates, the customer will be responsible for payment of charges determined under the standard, non-TOU rates and terms provided under Resolution #2022-26.

Section X: LOW LOAD FACTOR CLAUSE:

A customer, whose usage characteristic is routinely below a 5 percent monthly load factor, may apply to the Utilities Commission for assignment to another non-demand rate schedule. Consideration will be given to the contribution in aid of construction made by the customer to offset capital investment by the Shakopee Utilities, and may include other factors.

Any assignment granted will continue only for the period of time specified, and billing will revert to the standard rate schedule at the end of that period, except when the assignment is cancelled before the end of that period by the Utilities Commission. The Utilities Commission reserves the right to cancel an assignment granted under this section, and such cancellation may occur without prior notice.

Section XI: LIMITED OFF PEAK CLAUSE:

A customer normally billed under a demand rate schedule, who anticipates a single instance usage of energy which is not typical for their service, may apply to the Utilities Commission in advance of the occurrence for an advanced waiver of the demand charges for that single instance of usage. Consideration will be given to the estimated cost of purchased power for the period of time covered by the single instance usage, the ability of the facilities in place to accommodate the unusual load, and may include other factors.

Any advance waiver granted will apply only for the period of time specified, and billing will revert to the standard rate schedule at the end of that period, except when the waiver is cancelled before the end of that period by the Utilities Commission. The Utilities Commission reserves the right to cancel the waiver granted under this section, and such cancellation may occur without prior notice.

Section XII: THE FOLLOWING CLAUSES APPLY TO ALL RATES:

MONTHLY BILLS:

The monthly bill is the sum of the Service Charge, Energy Charge, Power Cost Adjustment, and Conservation Charge.

In addition to the forgoing, monthly bills also include the sum of the Demand Charge, and any adjustments for Power Factor and/or other adjustments referenced in this or other rate resolution of the Shakopee Public Utilities Commission.

Minimum bill provisions, late charges, penalties, and special charges, also apply.

POWER COST ADJUSTMENT:

There may be added to or deducted from the monthly bill a Power Adjustment charge, as set by Shakopee Public Utilities Commission Resolution.

CONSERVATION PROGRAM CHARGE:

A charge will be added to the monthly bill to fund a Conservation Program as mandated by the State of Minnesota and voluntary programs of similar nature by the Shakopee Public Utilities. The amount of the charge will be set by Shakopee Public Utilities Commission Resolution.

PRIMARY METERING:

At the option of the electric department, secondary voltage service hereunder may be metered at the primary voltage, in which case a 2% cash discount will be allowed on the amount of the monthly bill, with the discount applied to all charges except the power adjustment charge.

PRIMARY VOLTAGE SERVICE:

If the customer agrees to take service at the primary voltage available at his location and to pay all costs incurred in the ownership, operation and maintenance of transformers and substation equipment (except meters) with service to be metered at the primary voltage, a cash discount of 5% will be allowed on the amount of the monthly bill, with the discount applied to all charges except the power adjustment charge.

AVERAGE POWER FACTOR:

The average power factor is defined to be the quotient obtained by dividing the KWH used during the month by the square root of the sum of the squares of the KWH used and the lagging reactive kilovolt-ampere-hours supplied during the same period. Any leading kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor.

LOAD FACTOR:

Load factor is defined to be the quotient obtained by dividing the KWH used during the month, by the KW demand during the same period, and dividing the result by the number of hours in that billing period.

MINIMUM POWER FACTOR REQUIREMENT:

The customer must maintain an average power factor not less than 80% lagging, and avoid leading power factor at any time.

DEPOSIT REQUIRED:

Deposit requirements shall be consistent with terms outlined in a separate resolution of the Shakopee Public Utilities Commission.

PROMPT PAYMENT PROVISION:

A penalty of 5% shall be added to the current bill if not paid on or before the due date specified on the monthly Statement of Account following the date of billing.

Section XIII: SHAKOPEE ENERGY PARK:

Limitations to Availability: Due to the unique basis on which Wholesale Service is being offered, the availability of such service terms is limited to one customer (MMPA), and further subject to such practical limitations as may exist involving the availability of technology and the administrative practices to provide billing under such Wholesale Rates.

The billing electric service shall be as described in this section.

The sum of:

SERVICE CHARGE: \$100.00 per month

DEMAND CHARGE:
MMPA's most current Wholesale Rates

ENERGY CHARGE:
MMPA's most current Wholesale Rates

Underground Relocation Charge \$0.0003 per KWH

Conservation Improvement Program Charge 1.5%

Energy Adjustment Charge varies monthly

OTHER TERMS APPLICABLE:

Service provided and billed under Section XIII are subject to all terms, factors, and adjustments applicable under this Resolution, excluding the Power Cost Adjustment; other terms, conditions of service and policies of the Shakopee Public Utilities Commission as generally applicable.

Shakopee Utilities will make reasonable efforts to provide reliable and prompt billings within the provisions of this resolution, however, in the event of a failure to provide reliable billing as a result of deficiency in technology or in the administrative processing of billings under Wholesale rates, the customer will be responsible for payment of charges determined under the standard rates and terms provided under this Resolution.

BE IT FURTHER RESOLVED that at all times Commission staff shall comply with good utility business practices and all applicable Federal laws and Minnesota Statutes when processing account activity, i.e. applications, establishing accounts, deposits, billings, payment receipts, reminders of non-payment, disconnect notices, etc.

BE IT FURTHER RESOLVED that said terms and adjustments are to become effective immediately and applied to the January 2023 billings (which are due February 15), and all subsequent billings.

BE IT FURTHER RESOLVED that all things necessary to carry out the terms and purpose of the Resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-34

A RESOLUTION ESTABLISHING WATER RATES
IN AND FOR THE CITY OF SHAKOPEE

BE IT RESOLVED BY THE SHAKOPEE PUBLIC UTILITIES COMMISSION at meeting duly assembled on the 5th day of December, 2022, that Resolution #2021-30 is repealed upon this Resolution taking effect, that the following water rates shall be, and hereby are established for all users of water furnished by the City of Shakopee through the Shakopee Public Utilities Commission:

Section I: RESIDENTIAL SERVICE: (RW)

AVAILABILITY: The primary use is or will be single and multiple family dwellings.

First 5,000 gallons: \$2.75 per 1,000 gallons per month
Above 5,000 gallons: \$3.29 per 1,000 gallons per month

Plus a fixed charge per month of:

5/8 x 3/4 inch \$4.15 per month
3/4 inch \$4.57 per month
1 inch \$5.80 per month
1 1/2 inch \$7.47 per month
2 inch \$12.03 per month
3 inch \$45.62 per month
4 inch \$58.06 per month
6 inch \$87.10 per month
10 inch \$207.36 per month

Section II: COMMERCIAL / INSTITUTIONAL SERVICE: (CW)

AVAILABILITY: The principle use is or will be the sale, lease, rental, or trade of products, goods, and services. This shall include office buildings and all institutional users including schools, churches, governmental buildings and nursing homes.

\$2.54 per 1,000 gallons per month

Plus a fixed charge per month of:

5/8 x 3/4 inch \$4.15 per month
3/4 inch \$4.57 per month
1 inch \$5.80 per month
1 1/2 inch \$7.47 per month
2 inch \$12.03 per month
3 inch \$45.62 per month
4 inch \$58.06 per month

6 inch	\$87.10 per month
10 inch	\$207.36 per month

Section III: INDUSTRIAL SERVICE: (IW)

AVAILABILITY: The principle use is or will be for the production, manufacture, warehousing, storage, or transfer of goods, products, commodities, or other wholesale items.

\$2.20 per 1,000 gallons per month

Plus a fixed charge per month of:

5/8 x 3/4 inch	\$4.15 per month
3/4 inch	\$4.57 per month
1 inch	\$5.80 per month
1 1/2 inch	\$7.47 per month
2 inch	\$12.03 per month
3 inch	\$45.62 per month
4 inch	\$58.06 per month
6 inch	\$87.10 per month
10 inch	\$207.36 per month

Section IV: IRRIGATION SERVICE:

AVAILABILITY: The primary use is or will be for lawn and landscape irrigation.

\$3.29 per 1,000 gallons per month

Plus a fixed charge per month of:

5/8 x 3/4 inch	\$4.15 per month
3/4 inch	\$4.57 per month
1 inch	\$5.80 per month
1 1/2 inch	\$7.47 per month
2 inch	\$12.03 per month
3 inch	\$45.62 per month
4 inch	\$58.06 per month
6 inch	\$87.10 per month
10 inch	\$207.36 per month

Section V: THE FOLLOWING CLAUSES APPLY TO ALL RATES:

MONTHLY BILLS:

The monthly bill is the sum of the commodity charge, reconstruction fund charge, the fixed charge, state water connection fee and any applicable sales tax.

In addition to the foregoing, monthly bills also include other adjustments referenced in this or other rate resolutions of the Shakopee Public Utilities Commission.

Minimum bill provisions, late charges, penalties, and special charges, also apply.

Section VI: THE FOLLOWING CLAUSES APPLY TO CERTAIN RATES:

Multiple-family Residential Dwellings:

Multiple-family residential dwellings are buildings or housing groupings which consist of several units each of which is intended and designed for one family or individual occupant. The designation is not dependent upon the actual occupancy of the units for their intended use. Shakopee Utilities will endeavor to adjust billing tier structures to accommodate residential units located in multiple-family dwelling installations and billed through a common water meter. The owner or the customer of record in such instances is responsible for furnishing all necessary information and documentation to provide the Shakopee Utilities the basis for making such adjustments. Adjustment will apply forward from the date documentation is provided and the determination made.

Metered Fire Services, Detector/Check Installations, and similar:

Fire Services having water meters, Detector/Check Installations, and similar services will be billed the regular standard monthly fixed charge applicable to all water meters. Water usage for actual fire suppression is not billed. No other water usage is permitted through such services, and such usage may be subject to charges and penalties specified under other resolutions, ordinances, or law.

BE IT FURTHER RESOLVED that all terms and adjustments described in this resolution are to become effective January 1, 2023.

Passed in regular session of the Shakopee Public Utilities Commission this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-35

A RESOLUTION ESTABLISHING
THE POWER COST ADJUSTMENT CHARGE,
SETTING THE POWER COST ADJUSTMENT BASE, AND OTHER TERMS

BE IT RESOLVED BY THE SHAKOPEE PUBLIC UTILITIES COMMISSION, at meeting duly assembled on the 5th day of December 2022, that Resolution #2021-31 is repealed upon this resolution taking effect.

BE IT RESOLVED THAT, the Power Cost Adjustment Formula shall be administered as follows:

Monthly Power Cost Adjustment Formula

$$\text{PCA} = \text{A/B} - \text{Base Rate}$$

PCA = The cost adjustment expressed as dollars per kWh to be multiplied by the energy (kWh) sold during each billing period to customers on rates subject to the PCA. The PCA is designed to be calculated on a monthly basis based on the most recent month's purchases of energy and applied to retail customers' bills for the current month. If the PCA is negative, there will be a credit on the customer's bill. If the PCA is positive, there will be an additional charge on the customer's bill.

A = Actual wholesale power costs for the most recent month with complete data. Includes power costs to serve MMPA area and acquisition area, as well as Xcel substation costs.

B = Purchased energy (kwh's) for the most recent month less a 5% factor to include items such as line loss, interest and accounting lag.

Base Rate The Base Rate is the base energy rate, expressed as dollars per kWh, included in the base rates for all retail customers. The Base Rate included in the proposed rates earlier in this Section is \$0.0785

BE IT FURTHER RESOLVED, that this Power Cost Adjustment is designed to be a pass through of additional or fewer costs incurred in purchasing power and energy supplied to the SPUC distribution system that differs from the Base Rate. This includes certain distribution costs incurred in supplying power and energy to our ultimate customers. The PCA will be reviewed each month and Commission staff are authorized to make adjustments for reasonableness and foreseeable events;

BE IT FURTHER RESOLVED, that the Adjustments will be based on purchases during each year and true-up adjustments will be made the following year;

BE IT FURTHER RESOLVED, that this Power Cost Adjustment will be based on costs beginning December 1, 2022 and be applied to customer meters read beginning January 22, 2023 or the nearest regular meter reading date following, and apply to the January-February 2023 usage and all subsequent billings;

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of the Resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent

RESOLUTION #2022-36

RESOLUTION ADJUSTING FEES
APPLIED UNDER THE INSTALLATION OF UNDERGROUND
ELECTRICAL DISTRIBUTION SYSTEMS POLICY

WHEREAS, the fees established in Resolution #1256 are intended to be adjusted effective on the first day of January each year, and

WHEREAS, the underground electrical distribution charge fee were last adjusted on January 3, 2022, effective January 1, 2022, and

WHEREAS, the "Construction Cost Index" as listed in the Engineering News Record was 12,464.94, as of October, 2021, and

WHEREAS, this index was 13,174.92 as of October, 2022.

NOW THEREFORE, BE IT RESOLVED, that the underground electrical distribution charge fees be increased to \$764.00 per lot for single-family and twin home developments and \$438.00 per living unit for other than twin home multi-family unit developments except apartment buildings (this represents a 5.61% increase over the 2022 fees) and that the fees shall remain to be 75% of the cost of material for all other developments including apartment buildings, effective January 1, 2023.

BE IT FURTHER RESOLVED, that all things necessary to carry out the terms and purpose of this resolution are hereby authorized and performed.

Passed in regular session of the Shakopee Public Utilities Commission, this 5th day of December, 2022.

Commission President: Kathi Mocol

ATTEST:

Commission Secretary: Greg Drent