

AGENDA
REGULAR MEETING
ENGLEWOOD WATER DISTRICT BOARD OF SUPERVISORS
201 SELMA AVENUE, ENGLEWOOD, FL 34223
AUGUST 15, 2024 @ 8:30 A.M.

Board of Supervisors:

Robert C. Stern, Jr., Chair
Lani Gaver, Vice-Chair
Sydney B. Crampton
Dennis Pinkiewicz (absent)
Taylor Meals

Staff:

Mike Collard, Administrator
Robert H. Berntsson, District Counsel
Keith R. Ledford, Jr., P.E. Technical Support Manager
Dewey Futch, Water Operations Manager
David Larson, Wastewater Operations Manager
Lisa Hawkins, Finance Director
Teresa Herzog, Executive Assistant

1. PLEDGE OF ALLEGIANCE & ROLL CALL
2. ANNOUNCEMENTS – Additions or Deletions
3. PUBLIC INPUT

To address the Board during this portion of the meeting you must fill out a Civility Agreement, state your name and address for the record and which agenda item is to be addressed. Remarks shall be limited to 4 minutes and no discussion will take place during this portion of the meeting.

CARDS MUST BE SUBMITTED PRIOR TO THE COMMENCEMENT OF THE MEETING

4. PRESENTATIONS
5. CONSENT SECTION
 - a. Minutes of the Regular Meeting dated July 11, 2024
Recommended Action: Approve the meeting minutes.
 - b. Big W Law Invoice dated August 2, 2024
Recommended Action: Approve the attorney's invoice in the amount of \$1,275.
 - c. Ratification of Emergency Memo – RO Electrical Switchgear Modification & Breaker Replacement
Recommended Action: Ratify the Emergency Memo in the amount of \$155,000.
 - d. Award of Bid – RFB 2024-139 – Welding & Fabrication Services
Recommended Action: Approve the award for RFB 2024-139 – Welding & Fabrication Services to Mobil Arc Welding and Fabrications Inc. in the amount of \$55,500 and Fortunate Fab, LLC in the amount of \$60,100.
 - e. Award of Bid – RFB 2024-140 – Replacement of Lime Plant Filter Media-Filter #2
Recommended Action: Approve the award for RFB 2024-140 – Replacement of Lime Plant Filter Median-Filter #2 to EnviroWaste Services Group, Inc. in the amount of \$39,250.
6. DISCUSSION
 - a. Flexibility within the Organizational Chart and Job Descriptions

7. ACTION ITEMS
 - a. End of Interim Administrator Title
 - b. Water/Wastewater Adjustment Rules Resolution
 - c. Amendment to the Procurement & Inventory Control Policy
8. ADMINISTRATOR'S REPORT – Mike Collard
 - a. WATER OPERATIONS MANAGER – Dewey Futch
 - b. WASTEWATER OPERATIONS MANAGER – David Larson
 - c. TECHNICAL SUPPORT MANAGER – Keith R. Ledford Jr., P.E.
 - d. FINANCE DIRECTOR – Lisa Hawkins
 1. FY25 Budget Discussion
 2. July Financial Statements
 3. July Investment Statements
9. ATTORNEY'S REPORT – Robert H. Berntsson
10. OLD BUSINESS
 - a. Employee Benefits Committee Update
11. NEW BUSINESS
 - a. Participation in the Pioneer Days Parade

12. PUBLIC COMMENT – ANY TOPIC

To address the Board during this portion of the meeting, you must fill out a Civility Agreement and state your name and address for the record. Each person will be allowed no more than 4 minutes.

13. BOARD MEMBER COMMENTS

14. ADJOURN

Anyone who decides to appeal a decision of this Board will need a record of the proceedings pertaining thereto and therefore may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

DISABILITY INFORMATION – In accordance with the Americans with Disabilities Act and FS 286.26, persons with disabilities needing special accommodation to participate in this proceeding should contact EWD at 941-474-3217 no later than 7 days prior to the proceedings. If hearing impaired, telephone the Florida Relay Service at 800-955-8771 9TCC) or 800-955-8770 (VOICE) for assistance.

Posted 8/8/2024

BOARD AGENDA ITEM SUMMARY

5a

MEETING DATE: August 15, 2024

SUBJECT: Meeting Minutes dated July 11, 2024

CATEGORY: Consent

Discussion

Action

CONTACT PERSON: **Teresa Herzog**

DEPARTMENT: **Administration**

ITEM: **Request Board approval of the regular meeting minutes dated July 11, 2024**

PURPOSE / JUSTIFICATION: **An Enabling Act requirement for the official record of meetings.**

MOTION: **To approve the minutes of the regular meeting dated July 11, 2024**

Prepared By: **Teresa Herzog**

Date: **July 12, 2024**

Approvals:



Administrator



Finance



Technical Support



Water Operations



Wastewater Operations

ACTION TAKEN BY BOARD: Denied Approved / Resolution No: _____

ATTACHMENTS: **Regular meeting minutes dated July 11, 2024**

**MINUTES
REGULAR MEETING
ENGLEWOOD WATER DISTRICT BOARD OF SUPERVISORS
201 SELMA AVENUE, ENGLEWOOD, FL 34223
JULY 11, 2024 @ 8:33 A.M.**

Board of Supervisors:

Robert C. Stern, Jr., Chair
Lani Gaver, Vice-Chair
Sydney B. Crampton (absent)
Dennis Pinkiewicz
Taylor Meals (absent)

Staff:

Keith R. Ledford, Jr., P.E., Interim Administrator
Robert H. Berntsson, District Counsel
Keith R. Ledford, Jr., P.E. Technical Support Manager
Dewey Futch, Water Operations Manager
David Larson, Wastewater Operations Manager
Lisa Hawkins, Finance Director
Teresa Herzog, Executive Assistant

1. The meeting began with the Pledge of Allegiance and roll call to establish a quorum.
2. ANNOUNCEMENTS – Additions or Deletions – Action item 7d, Authorization Update for the RBC Accounts was added.
3. PUBLIC INPUT – None
4. PRESENTATIONS – with gratitude, Chair Stern presented the following service awards;
 1. Water Plant Operator, Logan Schrauf – 5-years
 2. Customer Service Representative, Skye Newell – 5-years
5. CONSENT SECTION – Chair Stern called for a motion to approve as a whole or pull anything for discussion. Mr. Pinkiewicz moved, **“to approve as written,”** seconded by Ms. Gaver.
 - a. Minutes of the Regular Meeting dated June 13, 2024
Recommended Action: Approve the meeting minutes
 - b. Big W Law Invoice dated July 3, 2024
Recommended Action: Approve the attorney’s invoice in the amount of \$1,350.00.
 - c. Henderson/Franklin Attorney’s Invoice dated June 10, 2024
Recommended Action: Approve the attorney’s invoice in the amount of \$202.50.
 - d. Large Meter Replacement
Recommended Action: Approve the purchase of 6 large meters in the amount of \$39,621.82.
 - e. Ratification of Emergency Memo – RO Electrical Switchgear Repair
Recommended Action: Ratify the Emergency Memo in the amount of \$81,468.14.

UNANIMOUS

**24-07-11 CS A
24-07-11 CS B
24-07-11 CS C
24-07-11 CS D
24-07-11 CS E**

6. DISCUSSION
 - a. 7121 Pinebay Blvd – Reinstallation of Meter – Mr. Ledford explained the item and asked the Board for direction on either honoring the \$500.00 reactivation charge,

requiring them to pay the past base charges or charging them according to the current Rules & Regulation.

Discussion ensued and following District Counsel’s recommendation, Mr. Pinkiewicz moved, **“to uphold the agreement as written,”** seconded by Ms. Gaver.

UNANIMOUS

24-07-11 A

7. ACTION ITEMS

a. Ratification of Administrator’s Contract

Mr. Pinkiewicz moved, **“ratify the contract as written,”** seconded by Ms. Gaver.

UNANIMOUS

24-07-11 B

Full motion read: To ratify the Administrator’s contract.

b. Centennial Bank Signature Cards – Mr. Ledford explained this item is to add Mr. Collard to the Centennial Bank signature cards.

Mr. Pinkiewicz moved, **“to move the item as presented,”** seconded by Ms. Gaver.

UNANIMOUS

27-07-11 C

Full motion read: To make the following addition to the operating checking account, money market account, and pension account:

Operating Checking Account:

Add:

Michael Collard

Keep:

Keith Randall Ledford, Jr.

Lisa Powell Hawkins

Robert C. Stern, Jr.

Sydney B. Crampton

Lani Gaver

Dennis Pinkiewicz

Money Market Account:

Add:

Michael Collard

Keep:

Keith Randall Ledford, Jr.

Lisa Powell Hawkins

Pension Account:

Add:

Michael Collard

Keep:

Keith Randall Ledford, Jr.

Lisa Powell Hawkins

c. Ratification of Emergency Memo – WRF Project Change Order – Mr. Ledford noted that the original estimate for additional cleaning of the headworks was quoted for 11 days at \$104,940.00 but since it only took 2-3 additional days, the cost will be much lower.

Ms. Gaver moved, **“to approve,”** seconded by Mr. Pinkiewicz.

UNANIMOUS

27-07-11 D

Full motion read: To ratify the memo – approval of the U.S. Submergent Change Order for a time extension of approximately 11 days in the amount of 104,950.00. Funds to come from CIP budget line item South WRF Headworks Project.

d. Authorization Update for the RBC Accounts – Mr. Ledford explained this item is to remove Mr. Burroughs and add Mr. Collard to the accounts listed.

Ms. Gaver moved, **“to approve,”** seconded by Mr. Pinkiewicz.

UNANIMOUS

27-07-11 E

Full motion Read: To make the following amendments to the RBC Investment Accounts:

Qualified Retirement Plan Account # XXX-X0018

Remove: Raymond Burroughs, Administrator

Add: Michael Collard, Administrator

Keep: Keith R. Ledford, Jr., Tech Support Manager

Keep: Lisa Hawkins, Finance Director

Government Accounts #XXX-X3516 & XXX-X3517

Remove: Raymond Burroughs, Administrator

Add: Michael Collard, Administrator

Keep: Keith R. Ledford, Jr., Tech Support Manager

Keep: Lisa Hawkins, Finance Director

Mr. Collard, Ms. Hawkins, and Mr. Ledford are authorized to act individually.

8. INTERIM ADMINISTRATOR’S REPORT – Keith R. Ledford Jr., P.E.

a. WATER OPERATIONS MANAGER – Dewey Futch

Production:

1. Total send out for June 2024 was 81 MG/2023 was 88.6 MG.
2. Average send out was 2.7 MGD/2023 was 2.95 MGD and the high send out was 3.2 MGD/2023 high was 3.4 MGD. Rainfall for 2024 was 8.54” and 2023 was 5.55”.
3. Pro Lime is still onsite cleaning the lime drying beds outback, that project is nearing completion.
4. We had a power shut down at the RO Plant on June 12th with FPL and an electrical contractor. The purpose was to assess the condition of the switch gear for our generators and move forward with a plan to repair the gear.
5. The Operators at the plant have been doing general maintenance as usual.

Distribution:

1. Distribution had no incidents to report, just general maintenance and Lead & Copper inventory.
2. New meter sets were 34 single family; 34 ERCs.
3. 56 radio-read heads were replaced.
4. 93 customer requested turn-offs were completed.
5. Lead & Copper inventory is at 75% completion.

b. WASTEWATER OPERATIONS MANAGER – David Larson

WRF:

1. The average daily flow for June 2024 was 1.39 MGD, approximately the same as last year, with a peak flow of 1.89 MG.
2. Plant #1 rehab work is continuing, currently Evoqua is in the process of sandblasting and painting the plant.
3. We have begun running flow through the new headworks and testing equipment. The US Submergent portion of the project is completed with demo of the old plant to follow.
4. Normal operations and maintenance are ongoing.

Collections:

1. Normal operations and maintenance are ongoing.

c. TECHNICAL SUPPORT MANAGER – Keith R. Ledford Jr., P.E.

CIP/In-house Projects:

1. RO Electrical Switchgear Repair – as Mr. Meals suggested at the last meeting, to keep this project moving, the repair was accomplished with the Emergency Memo that was part of the consent section. This is for the switchgear only, they are still working on the breaker repair or replacement.

Developments/Projects Approved for Construction:

1. Beachwalk by Manasota Key Phase 2 – the final water line tie-ins are scheduled for Friday.
2. Island Lake Estates at Coco Bay – Phase 2 has been signed off by EWD and submitted to DEP for approval.
3. Palm Lake at Coco Bay – FDEP has approved Phase 2 to be put into service, final water line tie-ins are scheduled for Thursday.

d. FINANCE DIRECTOR – Lisa Hawkins

Financial Statements:

1. June – operating revenues were \$16.684M up \$1.3M from last year and operating expenses were \$12.969M about the same as last year, leaving an operating surplus of \$3.714M. Capital contribute fees were received from Beach Walk in the amount of \$800K and Lake Emily in the amount of \$400K.

Investment Statements:

1. June – we had \$18.666M invested at RBC, and \$3.597M at Centennial Bank for a total in cash and investment of \$22.263M.

Other:

1. The budget should be ready for distribution the end of July for discussion at August meeting.

Mr. Ledford concluded the Interim Administrator's report.

9. ATTORNEY'S REPORT – Robert H. Berntsson – Mr. Berntsson welcomed new Administrator Mike Collard and commended staff on the great job conducting the search and also the great job Mr. Ledford and staff did during the interim.

10. OLD BUSINESS – None

11. NEW BUSINESS – None

12. PUBLIC COMMENT – ANY TOPIC – None

13. BOARD MEMBER COMMENTS – the board members all welcomed Mr. Collard and commended staff on the job they did during the administrator's search.

14. ADJOURNED @ 8:58 a.m.

Lani Gaver, Vice-Chair

/tlh APPROVED

BOARD AGENDA ITEM SUMMARY

5b

MEETING DATE: August 15, 2024

SUBJECT: The Big W Law Attorney's Invoice dated August 2, 2024

CATEGORY: Consent

Discussion

Action

CONTACT PERSON : **Lisa Hawkins**

DEPARTMENT : **Finance**

ITEM: **Request Board approval for payment of the Big W Law Attorney's invoice dated August 2, 2024**

PURPOSE / JUSTIFICATION: **Legal services rendered.**

FISCAL IMPACT: 500311-500-101

Budget Resolution Required: yes no

Amount Budgeted	\$	23,000.00
Year to Date Expenditures	\$	(16,650.00)
Total Expenditure Required	\$	<u>(1,275.00)</u>
Remaining in Budget	\$	<u>5,075.00</u>

MOTION: **To approve the Big W Law Attorney's invoice dated August 2, 2024 for services rendered July 1, 2024 through July 31, 2024 in the amount of \$1,275.00. Funds to come from water/wastewater revenues.**

Prepared By: **Teresa Herzog**

Date: **August 7, 2024**

Approvals:

 Administrator
  Finance
  Technical Support
  Water Operations
  Wastewater Operations

ACTION TAKEN BY BOARD: Denied Approved / Resolution No: _____

ATTACHMENTS: **The Big W Law Attorney's invoice dated August 2, 2024**



WIDEIKIS, BENEDICT & BERNTSSON, LLC THE BIG W LAW FIRM

3195 S. Access Road, Englewood, Florida 34224

941-627-1000

Englewood Water District
therzog@englewoodwater.com
201 Selma Avenue

Received 8/2/2024
by EWD @ 1:28 pm
T. Herzog

Statement Date: 08/02/2024
Statement No. 34587
Account No. 8.0000

Englewood, FL 34223

Legal Services
PO 58008

FOR PROFESSIONAL SERVICES RENDERED

		Rate	Hours	
07/05/2024	RHB Email(s) with Ms. Herzog; Telephone conference with Ms. Herzog; Review agenda.	300.00	0.25	75.00
07/10/2024	RHB Email(s) with Ms. Herzog.	300.00	0.25	75.00
07/11/2024	RHB Prepare for and attend Board of Supervisors Meeting.	300.00	0.75	225.00
07/16/2024	RHB Email(s) with Mr. Collard.	300.00	0.25	75.00
07/18/2024	RHB Email(s) with Mr. Oliver; Email(s) with Mr. Collard; Email(s) with Mr. Ledford.	300.00	0.25	75.00
07/22/2024	RHB Email(s) with Mr. Phewfhad; Email(s) with Mr. Benedict.	300.00	0.25	75.00
07/23/2024	RHB Email(s) with Ms. Bagshaw.	300.00	0.25	75.00
07/26/2024	RHB Email(s) with Mr. Benedict; Email(s) with Mr. Collard.	300.00	0.25	75.00
07/29/2024	RHB Conference with Mr. Collard, Mr. Ledford.	300.00	1.50	450.00
07/30/2024	RHB Email(s) with Mr. Ledford.	300.00	0.25	75.00
	For Current Services Rendered		4.25	1,275.00

	<u>Recapitulation</u>			
<u>Timekeeper</u>	<u>Hours</u>	<u>Rate</u>	<u>Total</u>	
Robert Berntsson	4.25	\$300.00	\$1,275.00	

PREVIOUS BALANCE	\$1,350.00
Total Current Work	1,275.00
<u>Payments</u>	
Total Payments for 07/15/2024	-1,350.00

Englewood Water District
Account No. 8.0000
RE: Legal Services

Statement Date: 08/02/2024
Statement No. 34587

Balance Due \$1,275.00

Billing History					
<u>Fees</u>	<u>Hours</u>	<u>Expenses</u>	<u>Advances</u>	<u>Finance Charge</u>	<u>Payments</u>
118,212.50	465.76	0.00	7.80	0.00	116,945.30



Memo

To: Robert C. Stern, Jr., Englewood Water District Chair 

From: Keith R. Ledford Jr., P.E., Technical Support Manager/Acting Administrator

Date: July 23, 2024

Re: Notice of Emergency Procurement/RO Electrical Switchgear Modification & Breaker Replacement

Per Board Resolution # 24-07-11 CS E, the RO Electrical Switchgear Repair was approved under a Notice of Emergency Procurement. At the time of this repair memo the condition of the existing breakers was unknown. Since the July 11, 2024 board meeting a quote for switchgear modifications and breaker replacements from Predictive Technologies Inc., a subcontractor for McKim & Creed was received.

The quote in the amount of \$145,086.00 is for Switchgear Modifications that will include replacement of existing generator breaker and refurbishing the existing breaker, repair of the breaker racking system including the pin mechanism replacement, replacement of the existing main breaker and refurbishing the existing breaker, work with SEL team for breaker interconnection, installation of six PTs on the existing bus bar and reconditioning of Bakelite insulators to improve insulation using insulated coating in the amount of \$45,710.00 Included are also 1 TPSS9640CGA3E1 breaker in the amount of \$55,222.00 and 1 TPVVF8630FCE1 breaker in the amount of \$44,154.00. Since freight is not included in this quote, it is staff's request for up to \$155,000 to cover the freight that will be added to the final invoice. This procurement is non-competitive and under emergency procurement.

Funds for these repairs and breaker purchases will be transferred from the Lime Bed cleaning project after the final invoice is received and the PO is closed.

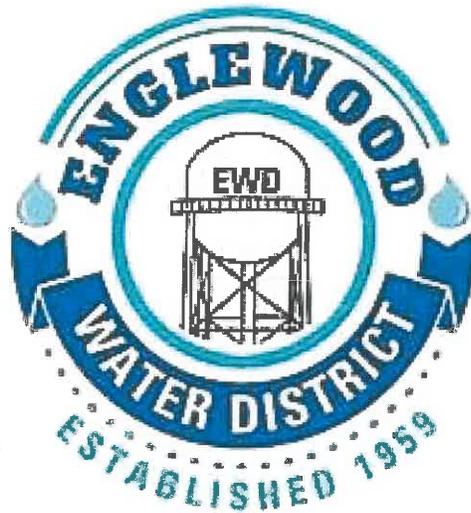
Thank you,

A handwritten signature in blue ink, appearing to read "K. Ledford".

Keith R. Ledford, Jr., P.E., Technical Support Manager/Acting Administrator



Final Report for Englewood Water Management District - June Maintenance Outage



Prepared for
Englewood Water
Treatment Plant

Prepared by
Nelson Pereira

June 12th, 2024



SUMMARY, ANALYSIS, & RECOMMENDATIONS

1. SUMMARY

MP Predictive Technologies presents the following report for Englewood Water Management District detailing the June maintenance outage of the Englewood WTP, which included overall inspection, testing & maintenance of the 480V main switchgear, as well as maintenance & testing of the switchgear circuit breakers & current transformers, and tracing of the control circuit for automatic generator start. Electrical testing was performed by Mr. Nelson Pereira and Mr. Thomas Cervantes according to IEEE C37.20.1 standards.

2. LIST OF EQUIPMENT TESTED

480V Main Switchgear
Generator Breaker
Utility Breaker
Generator CTs

3. ANALYSIS AND RECOMMENDATIONS

- a. 480V Switchgear: This switchgear was found in very poor condition, including very low insulation resistance readings, burnt CTs & wiring for protection devices, burnt insulators, and melted bus from arc flash. It is recommended to a complete reconditioning or replacement of this gear.
- b. Generator Breaker: This breaker has a damaged racking mechanism, which fails while racking in and connecting the breaker to the bus. This breaker was left out of the switchgear.
- c. Utility Breaker: This breaker has very low insulation resistance readings.
- d. *It is recommended to either recondition or replace both circuit breakers due to damages from arc flash and age. Please see customer service report attached below for in-depth description of breaker issues.*
- e. CTs: Utility metering CTs were burnt from the arc flash, along with the wiring & shorting blocks. Ground CTs have no sign of heat damage, however none of them passed the electrical testing. No ratio was obtained, and very low turns ratio was obtained. It is recommended to replace all CTs.

Please see the test reports, photos, and customer service reports attached below.
Contact us at 407-286-0278 with any questions.



**LV METAL-ENCLOSED
SWITCHGEAR FORM**
9187 Boggy Creek Rd Ste 1
Orlando, FL 32824

MAIN SWITCHGEAR

CUSTOMER	ENGLEWOOD WTP	DATE	6/12/24	NETA SECTION	7.5.1.2
ADDRESS	201 SELMA AVE. ENGLEWOOD, FL	TEMP	82 °F	JOB NUMBER	1213913
USER / OWNER REP	ENGLEWOOD WTP / MP	RH%	81%	TECHNICIAN(S)	NELSON PEREIRA
SUBSTATION	MAIN SWITCHBOARD	POSITION	N/A	EQUIP. ID	MAIN SWITCHGEAR
INS-RES ASSET-CAL	6/15/2024	HI-POT ASSET-CAL	N/A	TORQ-W ASSET-CAL	N/A
DLRO ASSET-CAL	6/15/2024	MULTIMETER ASSET-CAL	6/15/2024	MISC. ASSET-CAL	N/A

NAMEPLATE DATA

MANUFACTURER	GE	SYSTEM VOLTAGE	480 Vac	RATED CURRENT	4000 Amps
TYPE	N/A	RATED VOLTAGE	600 Vac	MAX INTERRUPT	N/A kA
CATALOG No.	N/A	IMPULSE VOLTAGE	N/A Vac	MISCELLANEOUS	
SERIAL No.	N/A	POWER FUSE INFO	N/A		

VISUAL & MECHANICAL INSPECTION

DESCRIPTION	INSPECTED	CONDITION	DESCRIPTION	INSPECTED	CONDITION
NAMEPLATE DATA	X	U	EXPULSION-LIMITING DEVICES	N/A	N/A
PHYSICAL / MECH. CONDITION	X	U	FUSEHOLDER INTEGRITY	N/A	N/A
ANCH. / ALIGNMENT & GROUNDING	X	U	SAFETY INTERLOCKS	X	A
OVERALL CLEANLINESS	X	U	PHASE BARRIERS	X	U
BLADE ALIGN. & PENETRATION	X	U	INDICATING / CONTROL DEVICES	X	U
BLADE TRAVEL STOPS	X	U	APPROPRIATE LUBRICATION	X	A
ARC INTERRUPTER OPERATION	X	U	CUBICLE HEATER OPERATION	N/A	U

ELECTRICAL TESTS

INSULATION RESISTANCE	TEST Vdc	LINE to LOAD (MΩ)			PHASE to PHASE (MΩ)			PHASE to GROUND (MΩ)			RATING
		A ↔ A	B ↔ B	C ↔ C	A → B	B → C	C → A	A → G	B → G	C → G	
	2500										U
	1500	120	112	145.2	135.7	150.1	123	101	91.8	89.9	
TEMP CORRECTED @ 20°C		190	177	229	214	237	194	160	145	142	

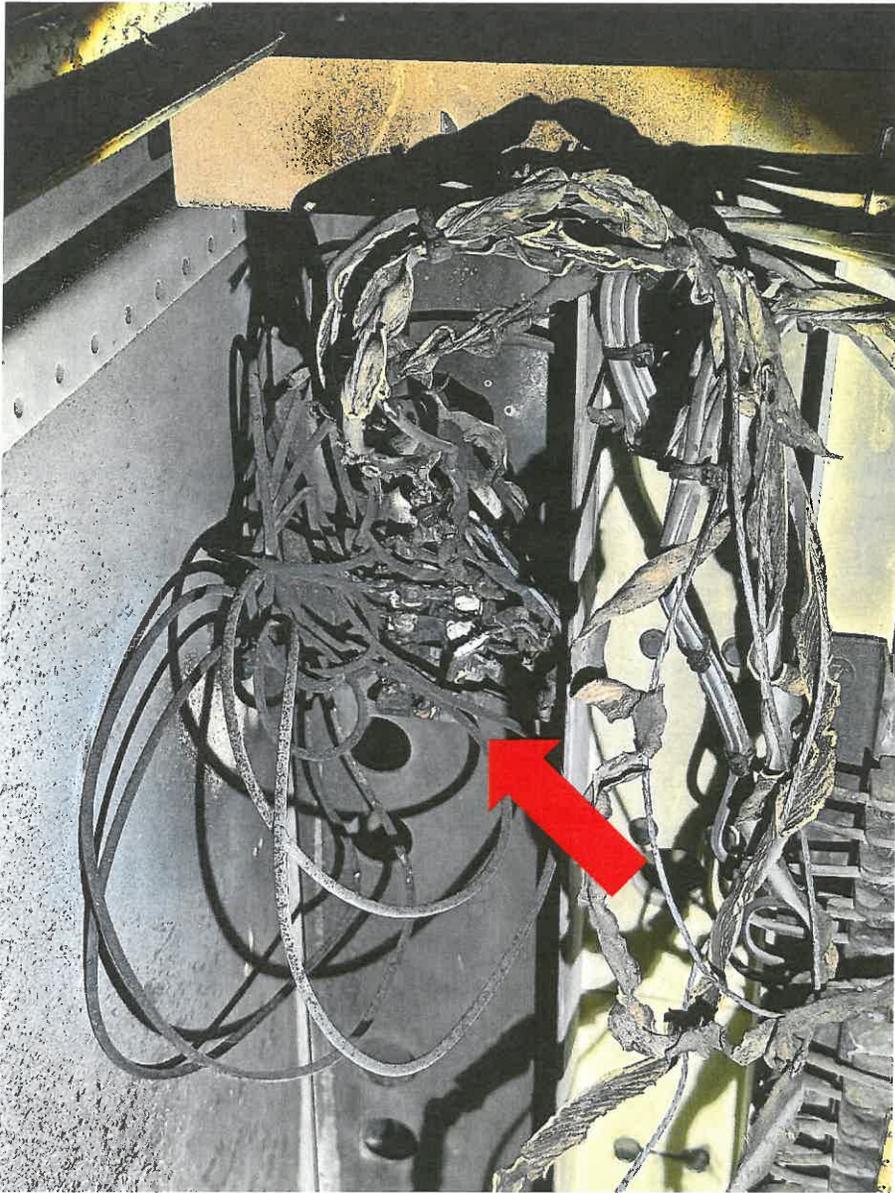
DIELECTRIC WITHSTAND	TEST VOLTAGE			A → G	B → G	C → G	RATING
	1 MIN	30 SEC	60 SEC				
							N/A

CONTACT RESISTANCE	TEST Amps	MAX Δ %	MFR MAX (μΩ)	A (μΩ)	B (μΩ)	C (μΩ)	CALC. MAX Δ	RATING
								N/A
								N/A
								N/A

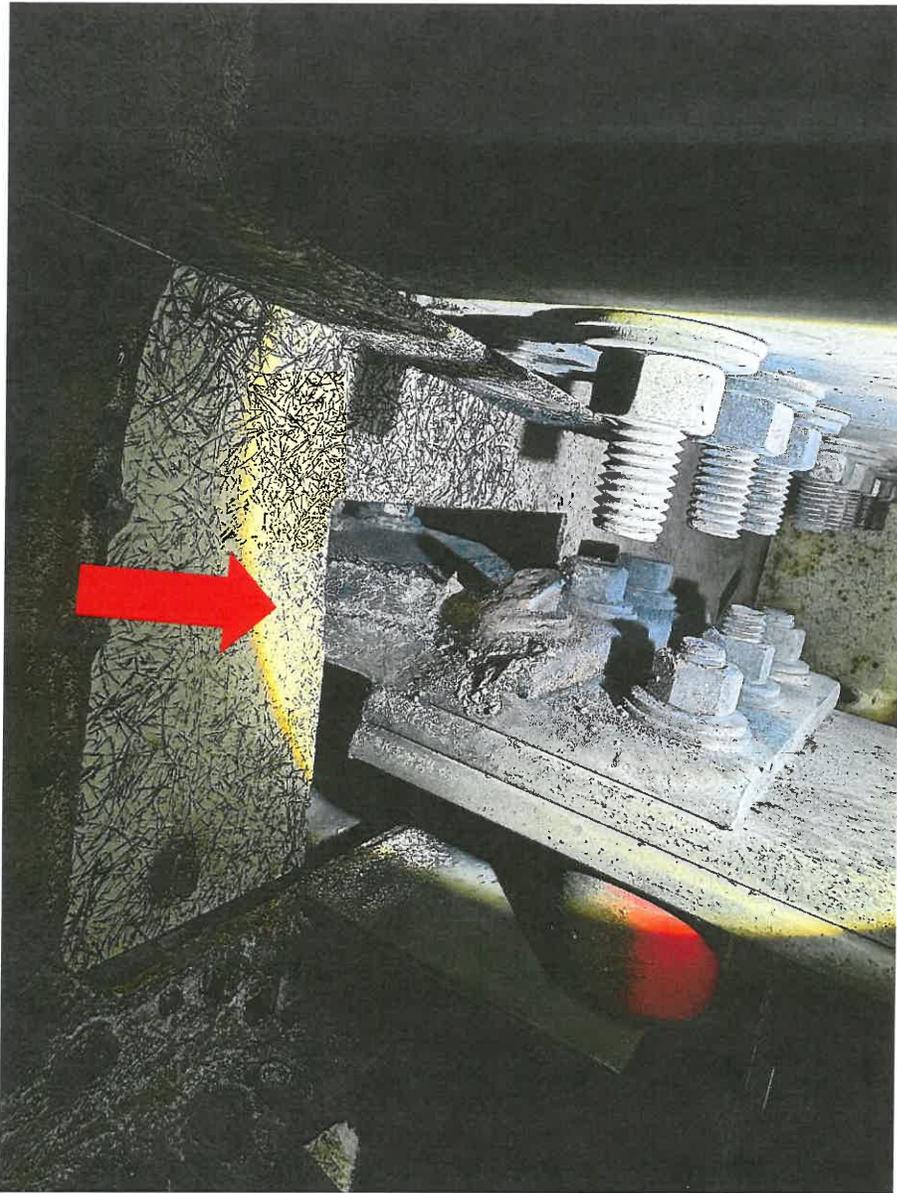
COMMENTS	It is recommended to do a complete reconditioning of the switchgear including: bus replacement, insulators, CTs, and wiring and trip unit devices. Or a replacement of the switchgear.
DEFICIENCIES	<p>Very low insulation resistance results due to multiple problems in the bus. Burnt insulators, CT wires and CTs, and melted bus due to previous arc flash.</p> <p>Utility CT's are burnt out along with the wiring and terminal blocks. No measuring source to protecting devices. Ground CTs are not operational and will not provide current measurements.</p>

LEGEND: A - ACCEPTABLE U - UNACCEPTABLE I - INVESTIGATE N/A - NOT APPLICABLE

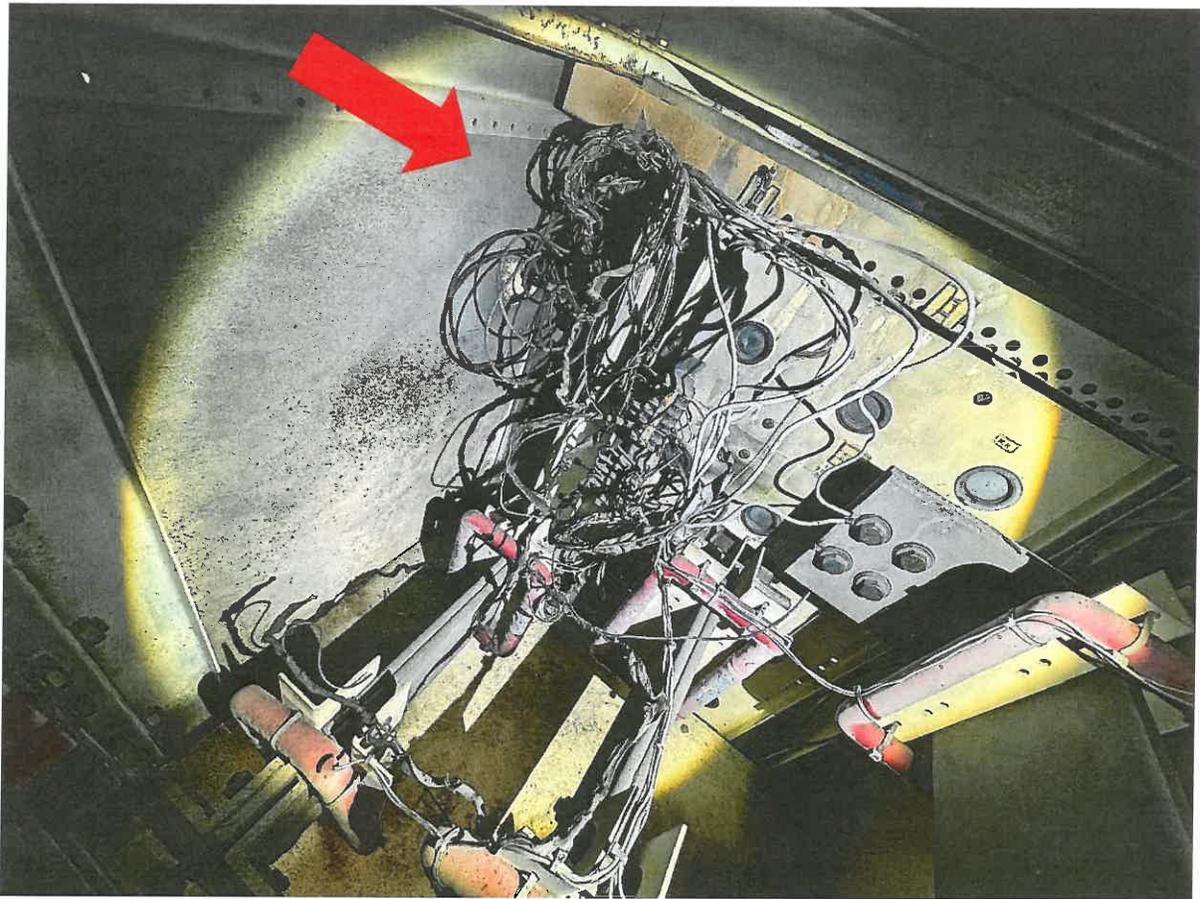
*** NETA OPTIONAL TESTS ***



Burnt CT shorting blocks inside of the switchgear.



Melted bus after arc flash, and burnt insulators. Causes for low insulation resistance.



Burnt CT wiring and terminal blocks in the utility section.



CIRCUIT BREAKER SECONDARY INJECTION FORM

GENERATOR

CUSTOMER	ENGLEWOOD WTP	DATE	6/12/24	NETA SECTION	7.6.1
ADDRESS	201 SELMA AVE. ENGLEWOOD, FL	TEMP	82 °F	JOB NUMBER	1213913
USER / OWNER REP	ENGLEWOOD WTP	RH%	81%	TECHNICIAN(S)	TC
SUBSTATION	MAIN SWITCHBOARD	POSITION	GENERATOR	EQUIP. ID	GENERATOR
INS-RES ASSET-CAL	101326509 6/24	PWR SPLY ASSET-CAL	N/A N/A	DLRO ASSET-CAL	101964963 6/24
SEC-INJ ASSET-CAL	N/A N/A	MULTIMETER ASSET-CAL	N/A N/A	MISC. ASSET-CAL	

NAMEPLATE DATA

MANUFACTURER	GE	FUSE CATALOG No.	N/A	RATED VOLTAGE	600 Vac
BREAKER TYPE	POWER BREAK	INSTALLATION TYPE	Draw Out	MOTOR VOLTAGE	120 Vac
CATALOG No.	TPVVF8630HFCE1C	TIME / CURRENT No.	N/A	FRAME RATING	3000 Amps
SERIAL No.	V51127	CLOSE COIL	N/A — 120 Vac	SENSOR RATING	3000 Amps
TRIP UNIT TYPE	MVT	TRIP COIL	N/A — N/A	PLUG RATING	3000 Amps

VISUAL & MECHANICAL INSPECTION

DESCRIPTION	INSPECTED	CONDITION	DESCRIPTION	INSPECTED	CONDITION
NAMEPLATE DATA	X	A	CELL / CRADLE CONDITION	X	U
PHYSICAL / MECH. CONDITION	X	U	RACKING MECHANISM OPERATION	X	U
ANCH. / ALIGNMENT & GROUNDING	X	A	INS-RES / CONTROL WIRING***	N/A	N/A
MAINTENANCE DEVICES AVAILABLE	X	A	OPERATING MECHANISM	X	U
CLEANLINESS / LUBRICATION	X	A	TRIP MECHANISM / CLOSING SPRING	X	A
ARC CHUTES / CONTACT CONDITION	N/A	N/A	CHARGING MOTOR	X	A
CONTACT SEQUENCE / WEAR / ALIGN	N/A	N/A	PRIM. / SEC. DISCONNECTS	X	A
SAFETY INTERLOCKS	X	A	BLOWN FUSE LOCKOUT	N/A	N/A

ELECTRICAL TESTS

SETTINGS AS-FOUND		LTM	_____
		ZSI	_____
SETTINGS AS-LEFT		LTM	_____
		ZSI	_____

SECONDARY INJECTION TESTS

FUNCTION	TEST SETTING	PHASE A	PHASE B	PHASE C	RATING

INS-RES	Vdc	1000	A ↔ A (MΩ)	B ↔ B (MΩ)	C ↔ C (MΩ)	A → B (MΩ)	B → C (MΩ)	C → A (MΩ)	A → G (MΩ)	B → G (MΩ)	C → G (MΩ)	RATING
MIN (MΩ)		100	442	1135	618	14.45	15	23.3	15	16.8	20.7	U
TEMP CORRECTED @ 20°C			698	1793	976	23	24	37	24	27	33	

CONTACT RESISTANCE	TEST Amps	MAX Δ %	MFR MAX	A	B	C	CALC. MAX Δ	RATING
BREAKER (μΩ)	100	± 50 %		250	249	261	373.5	A
								N/A

COIL PICKUP / DROPOUT	CLOSE COIL - PICKUP	TRIP COIL - PICKUP	UVR COIL - DROPOUT	RATING

COMMENTS	TRIP UNIT DOES NOT SUPPORT SECONDARY INJECTION. RECOMMEND PRIMARY INJECTION TESTING.
DEFICIENCIES	UPON INITIAL INSPECTION BREAKER WOULD NOT CHARGE MANUALLY. CHARGE CYCLE WAS STUCK IN INTERMEDIATE POSITION. LEFT CELL RECEIVER BENT, RACKING GEAR PIN NOT SECURE. INSULATION RESISTANCE LOW OUT OF TOLERANCE

LEGEND: A - ACCEPTABLE U - UNACCEPTABLE I - INVESTIGATE N/A - NOT APPLICABLE *** NETA OPTIONAL TESTS ***



CIRCUIT BREAKER SECONDARY INJECTION FORM

UTILITY

CUSTOMER	ENGLEWOOD WTP	DATE	6/12/24	NETA SECTION	7.6.1
ADDRESS	201 SELMA AVE. ENGLEWOOD, FL	TEMP	82 °F	JOB NUMBER	1213913
USER / OWNER REP	ENGLEWOOD WTP	RH%	81%	TECHNICIAN(S)	TC
SUBSTATION	MAIN SWITCHBOARD	POSITION	UTILITY	EQUIP. ID	UTILITY
INS-RES ASSET-CAL	101326509 6/24	PWR SPLY ASSET-CAL	N/A N/A	DLRO ASSET-CAL	101964963 6/24
SEC-INJ ASSET-CAL	N/A N/A	MULTIMETER ASSET-CAL	N/A N/A	MISC. ASSET-CAL	

NAMEPLATE DATA					
MANUFACTURER	GE	FUSE CATALOG No.	N/A	RATED VOLTAGE	600 Vac
BREAKER TYPE	POWER BREAK	INSTALLATION TYPE	Draw Out	MOTOR VOLTAGE	120 Vac
CATALOG No.	TPSS9640SGA3E1	TIME / CURRENT No.	N/A	FRAME RATING	4000 Amps
SERIAL No.	V51104	CLOSE COIL	N/A — 120 Vac	SENSOR RATING	4000 Amps
TRIP UNIT TYPE	VT	TRIP COIL	N/A — N/A	PLUG RATING	4000 Amps

VISUAL & MECHANICAL INSPECTION					
DESCRIPTION	INSPECTED	CONDITION	DESCRIPTION	INSPECTED	CONDITION
NAMEPLATE DATA	X	A	CELL / CRADLE CONDITION	X	A
PHYSICAL / MECH. CONDITION	X	U	RACKING MECHANISM OPERATION	X	A
ANCH. / ALIGNMENT & GROUNDING	X	A	INS-RES / CONTROL WIRING***	N/A	N/A
MAINTENANCE DEVICES AVAILABLE	X	A	OPERATING MECHANISM	X	U
CLEANLINESS / LUBRICATION	X	A	TRIP MECHANISM / CLOSING SPRING	X	A
ARC CHUTES / CONTACT CONDITION	N/A	N/A	CHARGING MOTOR	X	A
CONTACT SEQUENCE / WEAR / ALIGN	N/A	N/A	PRIM. / SEC. DISCONNECTS	X	A
SAFETY INTERLOCKS	X	A	BLOWN FUSE LOCKOUT	N/A	N/A

ELECTRICAL TESTS	
SETTINGS AS-FOUND	LTM _____ ZSI _____
SETTINGS AS-LEFT	LTM _____ ZSI _____

SECONDARY INJECTION TESTS					
FUNCTION	TEST SETTING	PHASE A	PHASE B	PHASE C	RATING

INS-RES	Vdc	1000	A ↔ A (MΩ)	B ↔ B (MΩ)	C ↔ C (MΩ)	A → B (MΩ)	B → C (MΩ)	C → A (MΩ)	A → G (MΩ)	B → G (MΩ)	C → G (MΩ)	RATING
MIN (MΩ)		100	508	985	788	104	110	98	91	103	89	A
TEMP CORRECTED @ 20°C		803	1556	1245	164	174	155	144	163	141		

CONTACT RESISTANCE BREAKER (μΩ)	TEST Amps	MAX Δ %	MFR MAX	A	B	C	CALC. MAX Δ	RATING
	100	± 50 %		228	232	239	342.0	A
								N/A

COIL PICKUP / DROPOUT	CLOSE COIL - PICKUP		TRIP COIL - PICKUP		UVR COIL - DROPOUT		RATING

COMMENTS	TRIP UNIT DOES NOT SUPPORT SECONDARY INJECTION. RECOMMEND PRIMARY INJECTION TESTING.
DEFICIENCIES	BROKEN TRIP BUTTON COVER. BREAKER CHARGING MOTOR INTERMITTENT. BREAKER INSULATION RESISTANCE LOW IN ACCEPTABLE BAND. RECOMMEND OVERHAUL OF BREAKER.

LEGEND: A - ACCEPTABLE U - UNACCEPTABLE I - INVESTIGATE N/A - NOT APPLICABLE *** NETA OPTIONAL TESTS ***



9187 Boggy Creek Rd. Unit 1, Orlando FL. Tel. 407-286-0278

Customer Service Report

Customer: ENGLEWOOD WTP

Service Order: 1213913

Location: ENGLEWOOD, FL

Date: 6/12/2024

Contact Person on site:

Tech Name: THOMAS CERVANTES

Service type: CIRCUIT BREAKER INSPECT & TEST

Equipment Type: GE POWER BREAK

Serial NO: V51127 GEN & V51104 UTILITY

Job Description:

POWER BREAKER INSPECT & TEST

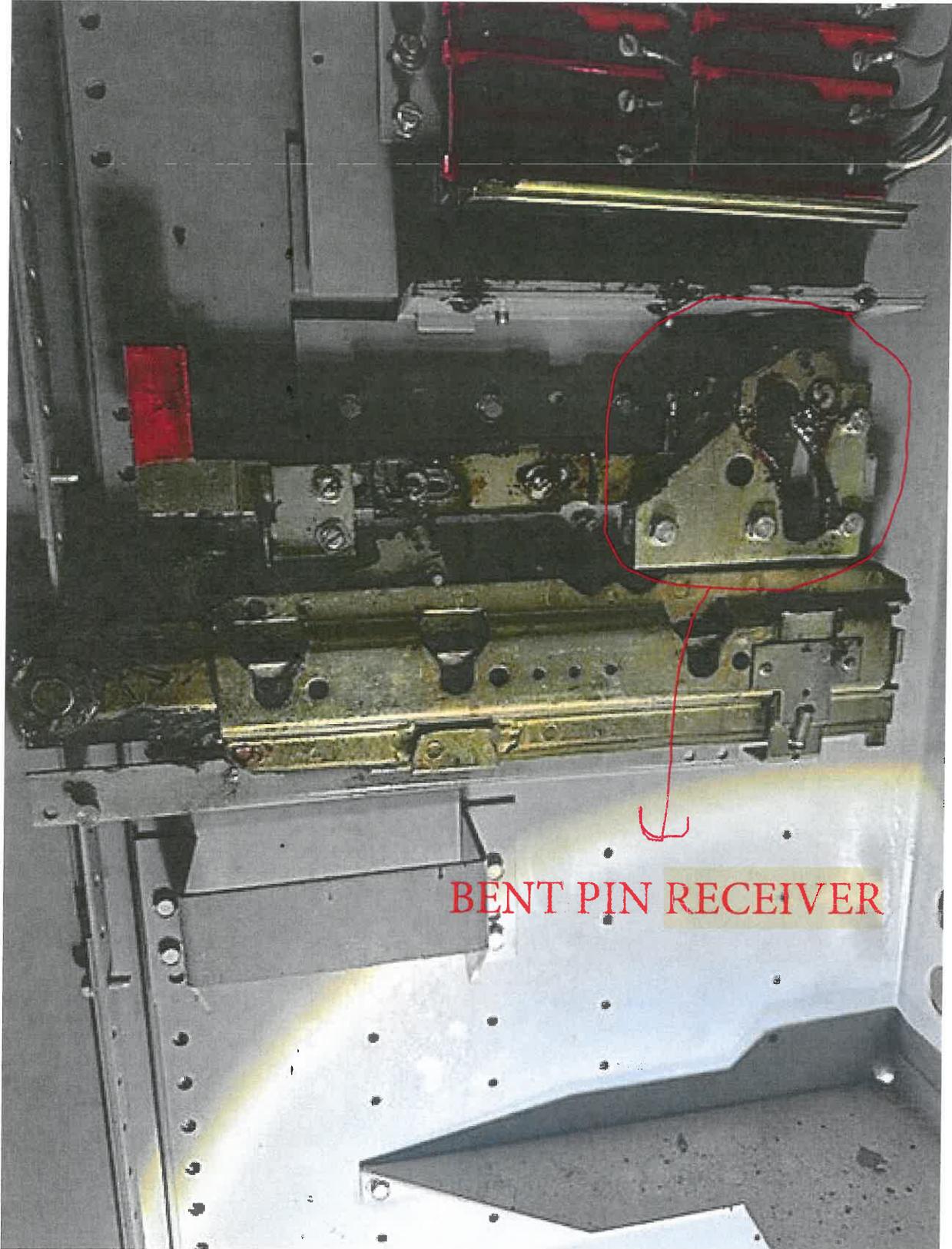
Action(s) Taken: GENERATOR BREAKER: RACKED OUT. ATTEMPT TO OPERATE MANUALLY AND ELECTRICALLY. BREAKER DID NOT CHARGE OR CLOSE. REMOVED FRONT COVER. MANUALLY ROTATED CHARGING SHAFT. BREAKER CHARGED & CLOSED MANUALLY. BREAKER CHARGING WAS STUCK IN INTERMEDIATE POSITION. EXERCISED AND LUBRICATED MECHANISM. CHARGED AND CLOSED ELECTRICALLY 10 TIMES. INSTALLED COVER AND CONFIRMED MANUAL AND ELECTRICAL CHARGE AND CLOSE. TESTED INSULATION RESISTANCE AND CONTACT RESISTANCE OF THE BREAKER. UNABLE TO PERFORM SECONDARY INJECTION OF TRIP UNIT. ATTEMPTED TO RACK IN BREAKER. RACKING GEAR PIN NOT SECURELY HELD IN PLACE. LOCATED, INSTALLED, AND TAPED INTO PLACE. RACKING GUIDE PINS OUT OF ADJUSTMENT. LEFT SIDE RACKING PIN RECEIVER IS BENT AND/OR OUT OF ALIGNMENT. ATTEMPTED TO ALIGN AND ADJUST WITH NO SUCCESS. BREAKER WILL NOT PROPERLY RACK INTO CELL. BREAKER REMOVED FROM SERVICE.

UTILITY BREAKER: RACKED OUT, INSPECTED, TESTED, AND RACKED IN. CHARGING MOTOR OPERATION IS INTERMITTENT.

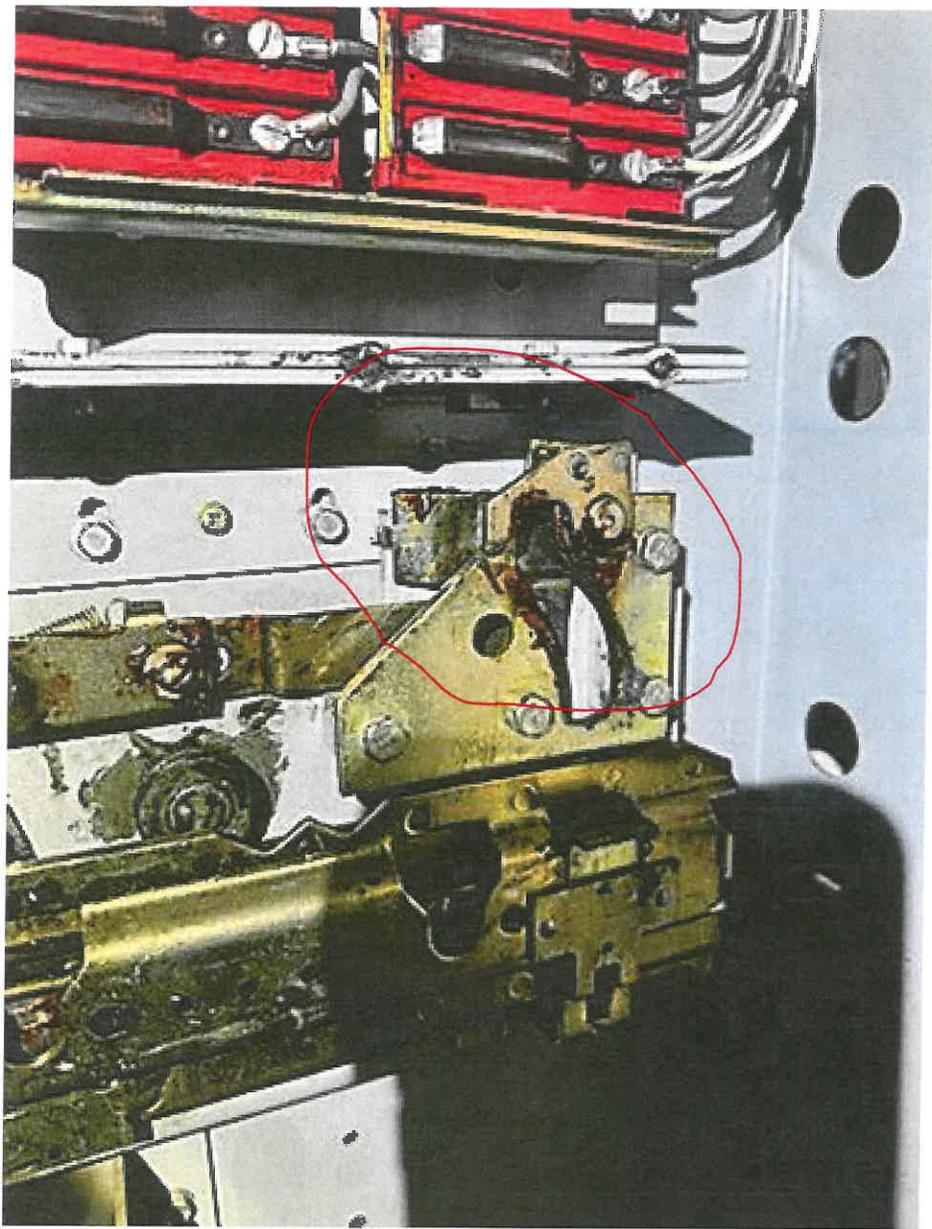
Recommendation(s):

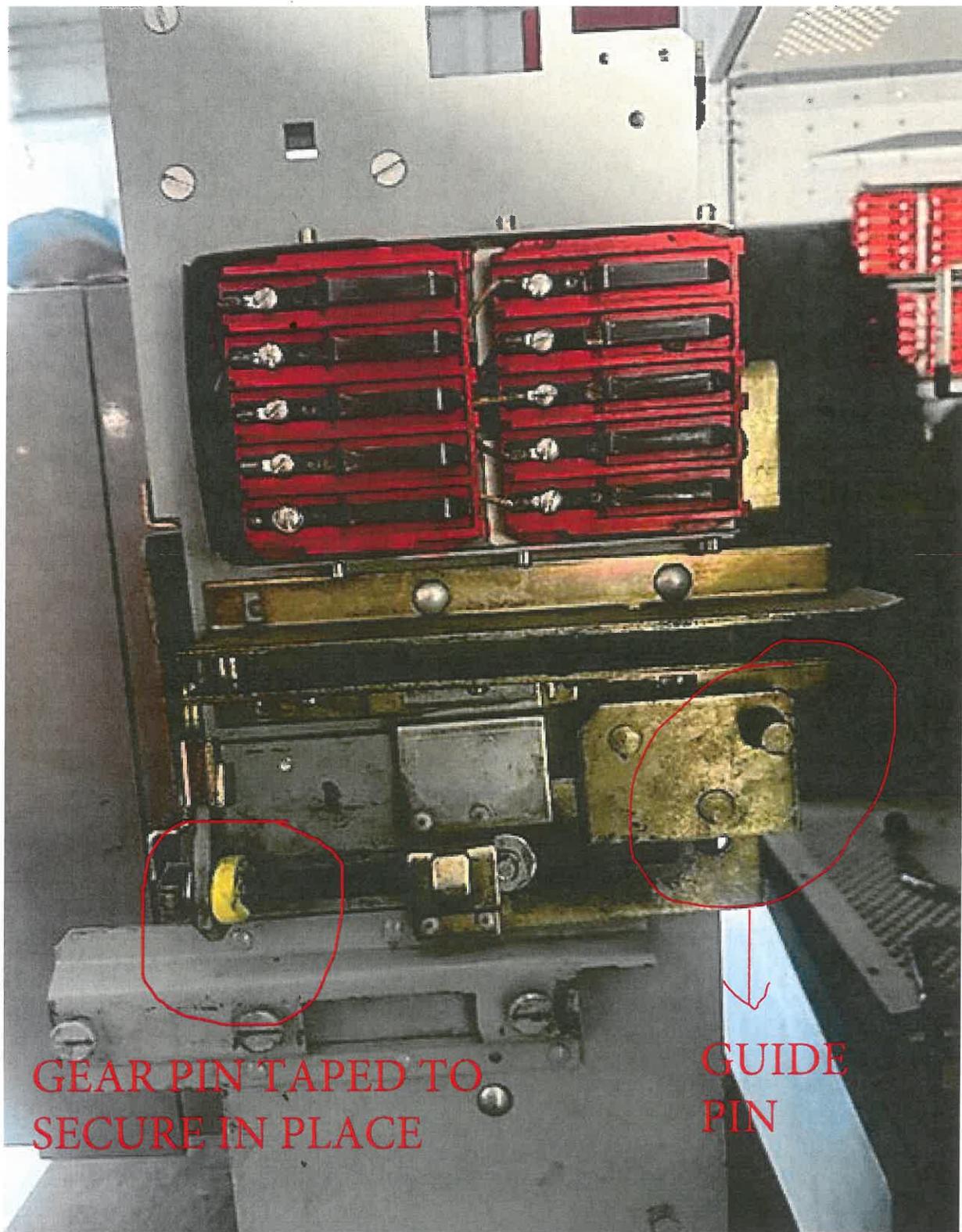
REPAIR OR REPLACE CIRCUIT BREAKERS. RETROFIT TRIP UNITS DUE TO AGE AND LIFE EXPECTANCY OF VERSATRIP AND MICROVERSA TRIP UNITS.

INSULATION RESISTANCE RESULTS ARE LOW OUT OF TOLERANCE ON GENERATOR BREAKER AND LOW BUT ABOVE MINIMUM VALUES ON THE UTILITY BREAKER. CONTACTS INACCESSIBLE DUE TO CONSTRUCTION OF CIRCUIT BREAKER. CONTACT RESISTANCES ARE SLIGHTLY ELEVATED FOR BREAKERS OF THIS SIZE BUT ARE COMPARABLE BETWEEN PHASES. ELEVATED CONTACT RESISTANCES ARE LIKELY DUE TO AGE OF BREAKER.



BENT PIN RECEIVER





GEAR PIN TAPED TO
SECURE IN PLACE

GUIDE
PIN

CT TEST REPORT

DATE 6/12/2024 PAGE 1

AMBIENT TEMP. 81 °F JOB # 1213913

SUBSTATION MAIN SUBSTATION HUMIDITY 92 % ASSET ID GENERATOR CT'S

POSITION LINE SIDE TEST STATUS Fail (Needs Attention)

EQUIPMENT LOCATION GENERATOR SECTION

CT: CT1		NAMEPLATE DATA			
MANUFACTURER	TORWICO	SERIAL NO.	N/A	IN SERVICE TAP	X1-X2
ASSET ID	GEN CT	ACCURACY CLASS	Meter	SATURATION STD	ANSI 45
PHASE	A	BURDEN		VA	

Tap	Ratio					Knee		Phase Dev.	Polarity	
	Nameplate	Measured	% Error	Test V (V)	Test I (A)	Prim V (V)	Volt (V)			Cur (A)
X1-X2	1500:5	1603.11:5	6.874	9.8533	0.0331	0.0307			0°0'	Correct

Insulation Resistance	Primary To Secondary		Primary To Ground		Secondary To Ground		Burden	Rating	VA	POWER FACTOR	Phase Angle
					500V	5.00G					

DEFICIENCIES: RATIO ABOVE STANDARD OF 0.5%.

CT TEST REPORT

CT: CT2		NAMEPLATE DATA			
MANUFACTURER	TORWICO	SERIAL NO	N/A	IN SERVICE TAP	X1-X2
ASSET ID	GEN CT	ACCURACY CLASS	Meter	SATURATION STD	ANSI 45
PHASE	B	BURDEN		VA	

Tap	Ratio					Knee		Phase Dev	Polarity	
	Nameplate	Measured	% Error	Test V (V)	Test I (A)	Prim V (V)	Volt (V)			Cur (A)
X1-X2	1500:5	1497.37:5	-0.175	9.7753	0.0273	0.0326			0°1'	Correct

Insulation Resistance	Primary To Secondary		Primary To Ground		Secondary To Ground		Burden	Rating	VA	POWER FACTOR	Phase Angle
					500V	4.50G					

CT TEST REPORT

CT: CT3		NAMEPLATE DATA			
MANUFACTURER	TORWICO	SERIAL NO	N/A	IN SERVICE TAP	X1-X2
ASSET ID	GEN CT	ACCURACY CLASS	Meter	SATURATION STD	ANSI 45
PHASE	C	BURDEN		VA	

Tap	Ratio						Knee		Phase Dev.	Polarity
	Nameplate	Measured	% Error	Test V (V)	Test I (A)	Prim V (V)	Volt (V)	Cur (A)		
X1-X2	1500:5	1497.09:5	-0.194	9.8226	0.0229	0.0328			0°1'	Correct

Insulation Resistance	Primary To Secondary		Primary To Ground		Secondary To Ground		Burden	Rating	VA	POWER FACTOR	Phase Angle
					500V	5.47G					

CT TEST REPORT

CT: CT4		NAMEPLATE DATA				
MANUFACTURER	TORWICO	SERIAL NO.	N/A		IN SERVICE TAP	X1-X2
ASSET ID	GEN CT PRIMARY	ACCURACY CLASS	C200	Protection	SATURATION STD	ANSI 45
PHASE	A	BURDEN	B-2		VA	50

Tap	Ratio						Knee		Phase Dev	Polarity
	Nameplate	Measured	% Error	Test V (V)	Test I (A)	Prim V (V)	Volt (V)	Cur (A)		
X1-X2	3000:5	3006.22:5	0.207	9.9157	0.0206	0.0165			359°59'	Correct

CT TEST REPORT

CT: CT5		NAMEPLATE DATA				
MANUFACTURER	TORWICO	SERIAL NO	N/A		IN SERVICE TAP	X1-X2
ASSET ID	GEN CT PRIMARY	ACCURACY CLASS	C200	Protection	SATURATION STD	ANSI 45
PHASE	B	BURDEN	B-2		VA	50

Tap	Ratio						Knee		Phase Dev.	Polarity
	Nameplate	Measured	% Error	Test V (V)	Test I (A)	Prim V (V)	Volt (V)	Cur. (A)		
X1-X2	3000:5	3000.32:5	0.011	9.9164	0.0184	0.0165			359°58'	Correct

Insulation Resistance	Primary To Secondary		Primary To Ground		Secondary To Ground	

CT TEST REPORT

CT: CT6		NAMEPLATE DATA				
MANUFACTURER	TORWICO	SERIAL NO	N/A		IN SERVICE TAP	X1-X2
ASSET ID	GEN CT PRIMARY	ACCURACY CLASS	C200	Protection	SATURATION STD	ANSI 45
PHASE	C	BURDEN	B-2		VA	50

Tap	Ratio						Knee		Phase Dev.	Polarity
	Nameplate	Measured	% Error	Test V (V)	Test I (A)	Prim V (V)	Volt. (V)	Cur. (A)		
X1-X2	3000:5	2999.83:5	-0.006	9.8899	0.0181	0.0165			359°58'	Correct

Insulation Resistance	Primary To Secondary		Primary To Ground		Secondary To Ground		Burden	Rating	VA	POWER FACTOR	Phase Angle
					500V	1.14G					



MP Predictive Technologies Inc.
 9187 Boggy Creek Rd Unit 1
 Orlando, FL 32824
 (407) 286-0278
 Accounting@mpp-technologies.com
 www.mpp-technologies.com

Estimate

ADDRESS
 McKim & Creed

SHIP TO
 McKim & Creed

ESTIMATE #	DATE	EXPIRATION DATE
121201594	07/18/2024	08/17/2024

PREPARED BY **PAYMENT TERMS**
 Albani Pereira Net 30

Thank you for the opportunity to assist with your electrical needs. We are pleased to provide a quotation for the following services. If we can be of further assistance or should you require additional information regarding this quote, please contact us at (904)429-2581.

	QTY	RATE	AMOUNT
Switchgear Modifications MP Predictive Technologies will provide a team of field service technicians to perform the following activities as part of switchgear repair and modifications for the Englewood Water Treatment Plant in Englewood, FL: - Replacement of existing generator breaker (3000A) and send existing out to be refurbished - Repairs of the breaker racking system including the pin mechanism replacement - Replacement of existing main breaker (4000A) and send existing out to be refurbished - Work with SEL team for breaker interconnections - Installation of six PTs on the existing bus bar - Reconditioning of Bakelite insulators to improve insulation using insulated coating Customer is responsible for providing all PTs, fuse and fuse holders, etc.	1	45,710.00	45,710.00
Breaker TPSS9640SGA3E1 3P, 600V, 4000A Powerbreak I w/Magnetrip LSIG (3W) Front Connected, Electrically Operated 120VAC controls, 3a3b aux and no additional accessories	1	55,222.00	55,222.00
Freight will be added to final invoice.			

	QTY	RATE	AMOUNT
Breaker TPVVF8630FCE1. Houston style draw out, 120vac electrically operated, Shunt trip , 2a/b aux switches (if any additional trips are needed then it must be requested at the time of order), MVT+ trip upgrade (this trip is 2 or 3 generations newer than the current trip) with ground fault Freight will be added to final invoice.	1	44,154.00	44,154.00

SUBTOTAL	145,086.00
TAX	0.00
TOTAL	\$145,086.00

Accepted By

Accepted Date



TERMS OF SALE

Terms and Conditions:

MP Predictive Technologies offers a 90-day installation warranty on all units installed by our technicians. MPPT does not cover any equipment warranty outside of installation. Warranty on all equipment purchased through MPPT is based on the manufacturers terms and conditions. Any additional time for activities such as troubleshooting unrelated to installation or on equipment with expired warranties shall be billed separately.

Notes:

Any work necessary outside of business hours (7:00am-4:00pm M-F) may be subject to additional charges. Any delays unrelated to MP Predictive Technologies Inc. and our technicians such as site holds, wait time, weather complications, etc., may be subject to additional charges. Customer is responsible for any site delays caused by defective/faulty equipment, site restrictions, or stand downs will be billed separately at MP Predictive Technologies' hourly rate straight-time (7AM-4PM M-F), overtime (Saturdays/8+ hours), and double-time (Sundays/holidays).

Customer Responsibilities:

To make sure of the availability of the equipment listed above. Coordinate and perform all switching needed to de-energize, Lockout/ Tagout/ Tryout to ensure Zero energy of all the equipment to be serviced according to the work scope.

Payments:

Payments should be made solely to the address shown on the MPPT invoice for the order. Payment terms & due dates vary & largely depend on the specific order, so please check the MPPT invoice to see the payment terms for your order.

Taxes & freight charges:

All freight/shipping charges and tax charges will be included on the MPPT final invoice. Buyer is required to reimburse MPPT for all freight & tax related charges that MPPT had to pay for the order.

Shipping:

MPPT has FOB origin shipping terms. This means that the buyer pays for all freight/shipping cost and gains ownership of the goods as soon as they leave MPPT. Buyer is liable for the order during shipping, as soon as it leaves MPPT warehouse.

Delivery:

Delivery dates, if applicable, are included on your MPPT invoice. They are approximate and vary from order to order. Deliveries are treated as separate contracts for the purpose of payment.

Descriptions:

In regards to product descriptions, MPPT tries to be as specific and accurate as possible. MPPT does not guarantee that product descriptions are error-free & 100% accurate/complete. In the event that your order is not as MPPT described, you must return it unused.

Excuse of Performance:

MPPT is not reliable to buyer for any performance error caused, in any part or way, by a circumstance beyond MPPT's control, including, but not limited to, flood, lockout, fire, accident, riot, sabotage, war, laws, regulations, orders/actions, compliance with government request, labor trouble, injunction, or strike. Quantity of goods effected may be eliminated from these terms, but the terms otherwise are not effected.

Inspection and Claims:

Buyer is required to inspect order for any damage, defect, or shortage and file a claim within 10 days of receipt. Please note that all claims for any cause shall be waived unless made in writing and received by MPPT within 10 days after buyer's receipt of the order.

Third Party Claims:

Buyer must hold harmless and defend MPPT from/against any and all damages, expenses, costs, and attorney fees resulting from any demand, claim, allegation, or lawsuit made/filed by/on behalf of any third party concerning the order, including, but not limited to, any demand, claim, allegation, or lawsuit concerning the failure of the order in any way.

Pricing:

Pricing is only valid up to 30 days after the MPPT quote is sent to buyer.

Modification, Amendment, & Waiver:

Unless otherwise specified, these terms may NOT be altered, supplemented, or amended by the use o any other document, including, but not limited to, any acknowledgment, acceptance, contract, or shipping instruction form containing terms at variance with/in addition to those in this document. Any attempt at alteration, supplementation, or amendment shall be null and void, unless otherwise agreed to in written document by both MPPT and buyer.

TASK ORDER TO GENERAL SERVICES AGREEMENT

TASK: RO Electrical Switchgear Modification & Breaker Replacement TASK ORDER #: McKim & Creed-24-004

CONTACT PERSON: Dewey Futch DEPT: Production

SCOPE: Switchgear investigation, cleaning, and testing was done during a site visit on June 11, 2024, and it was determined to replace the existing main and generator breakers due to damage and inoperability. McKim & Creed will employ the services of Progressive Technologies to procure two new breakers and provide installation services which include refurbishment of bus insulators. Additional services will be the installation of six Potential Transformers (PT's) provided by another vendor (SEL) with wiring to the control section of the switchgear. This will require a shutdown of power to the plant lasting no more than 8 hours. The District will coordinate with FPL to de-energize the main transformer power.

1. Design:
 - a. Refer to the attached proposal from Progressive Technologies deliverables. McKim & Creed will be responsible for review and installation coordination.
 - b. Anticipated time to perform work will be a one day with one complete plant shutdown by Florida Power & Light (FPL) to be a maximum of 8 hours.
2. Assumptions:
 - a. Permitting assumed not needed per original scope.
 - b. Existing breakers are to be refurbished under a separate contract. If District desires to have the existing breakers refurbished, Progressive Technologies will remove them from site and send them to a refurbishment center for evaluation and cost proposal.

PERIOD OF SERVICE: The modified schedule is based on several tasks being performed concurrently and assumes a 1-week review by the District for each submittal. The work assignment start date will be the date of the authorized work assignment by the District and will remain in effect through the completion and acceptance of the project by the District.

- Breaker Procurement 4 - 6 weeks
- Installation 1 day

FEES:

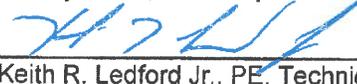
Switchgear Modification	\$ 45,710.00
Main Breaker	\$ 55,222.00
Generator Breaker	\$ 44,154.00
TOTAL:	\$ 145,086.00

Proposal: M&C Proposal # 074330001 dated July 24, 2024

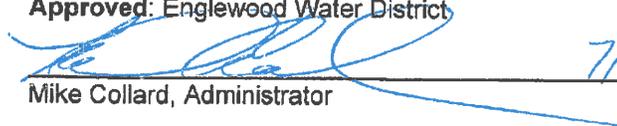
ADDITIONAL INFORMATION: 620653-600-200 CIP – RO Electrical Switchgear Repair

Reviewed:


Dewey Futch, Water Operations Manager / Date


Keith R. Ledford Jr., PE, Technical Support Manager / Date

Approved: Englewood Water District


Mike Collard, Administrator / Date

Accepted: McKim & Creed


Name: aubrey a haudric
Title: ourt
Digitally signed by aubrey a haudricourt
DN: c=US, o=MCKIM AND CREED INC., dnQualifier=A01410D0000 018BD85F4953000249C0, cn=aubrey a haudricourt
Date: 2024.07.24 16:08:25 -04'00'



CONTRACTORS

SURVEYORS

PLANNERS

July 24, 2024

M&C
074330001

Mr. Keith Ledford
Englewood Water District
201 Selma Avenue
Englewood, FL 34223

RE: Englewood Water District RO Plant Electrical Switchgear Repair

Dear Mr. Ledford,

Per your request we are pleased to offer the following proposal to provide the engineered, breaker equipment procurement and installation services for the Englewood Water District RO Plant Electrical Switchgear Repair. If you have any questions, or require additional information, please feel free to give me a call.

Sincerely,

A handwritten signature in black ink, appearing to read "Aubrey Haudricourt".

Aubrey Haudricourt, P.E.
Electrical Group Manager

Enclosures

cc: Proposal File

1365 Hamlet Avenue

Clearwater, FL 33765

727.442.7196.

Fax 727.461.3827

www.mckimcreed.com

**ENGLEWOOD WATER DISTRICT
REVERSE OSMOSIS PLANT ELECTRICAL SWITCHGEAR REPAIR
ADDITIONAL SCOPE OF SERVICES**

July 2, 2024

I. REVISED PROJECT UPDATE

Following up on switchgear investigation, cleaning and testing which was done during the site visit on 6/11/24, it was determined to replace the existing main and generator breakers due to damage and inoperability. McKim & Creed will employ the services of Progressive Technologies to procure two new breakers and provide installation services which will include refurbishment of bus insulators. Additional services will be the installation of six Potential Transformers (PT's) provided by another vendor (SEL) with wiring to the control section of the switchgear. This will require a shutdown of power to the plant lasting no more than 8 hours. The District will coordinate with FPL to de-energize the main transformer power.

II. SCOPE OF SERVICES

1. Design

- a. Refer to the attached proposal from Progressive Technologies outlining their deliverables. McKim & Creed will be responsible for review and installation coordination.
- b. Anticipated time to perform work will be a one day with one complete plant shutdown by Florida Power & Light (FPL) to be a maximum of 8 hours.

2. Assumptions:

- a. Permitting assumed not needed per original scope.
- b. Existing breakers are to be refurbished under a separate contract. If District desires to have the existing breakers refurbished, Progressive Technologies will remove from site and send them to a refurbishment center for evaluation and cost proposal.

III. STAFFING – Remains as original Scope of Services

IV. COMPENSATION

TASKS OF PROFESSIONAL SERVICES AUTHORIZED:

Consultant shall perform tasks as more specifically detailed in SCOPE OF SERVICES, Section II. This work assignment shall remain in effect until the completion of the project. Out of scope items will be compensated on a Time and Materials basis that will be estimated and approved prior to execution.



Lump Sum amount to the Consultant for rendering all the identified services and products shall not exceed without prior authorization: (See Appendix – A for Quotation)

DESCRIPTION	TOTAL
Original Work Authorization dated 4/8/2024	\$31,080.00
1 st Additional Inspection and Testing Services (See previous scope 5/29/24 and completed 6-12-24)	\$28,360.00
2 nd Additional Services Scope for Control System(In progress)	\$81,468.14
3 rd Addition Services Scope for Breaker replacement and additional switchgear work.	\$145,086.00
TOTAL FEES	\$285,994.14

V. SCHEDULE

This modified schedule is based on several tasks being performed concurrently assumes a 1-week review by the District for each submittal. The Work Assignment start date will be the date of the authorization of the Work Assignment by the District. This Work Assignment will remain in effect through the completion and acceptance of the project by the District.

<u>Description</u>	<u>Completion Schedule</u>
Breaker Procurement	4-6 weeks
Installation	1 day

OTHER CONSIDERATIONS

- Continued project work will be dependent on breaker procurement time and installation, with possible modifications to scope and fee to follow.



MP Predictive Technologies Inc.
 9187 Boggy Creek Rd Unit 1
 Orlando, FL 32824
 (407) 286-0278
 Accounting@mpp-technologies.com
 www.mpp-technologies.com

Estimate

ADDRESS
 McKim & Creed

SHIP TO
 McKim & Creed

ESTIMATE #	DATE	EXPIRATION DATE
121201594	07/18/2024	08/17/2024

PREPARED BY	PAYMENT TERMS
Albani Pereira	Net 30

Thank you for the opportunity to assist with your electrical needs. We are pleased to provide a quotation for the following services. If we can be of further assistance or should you require additional information regarding this quote, please contact us at (904)429-2581.

	QTY	RATE	AMOUNT
Switchgear Modifications MP Predictive Technologies will provide a team of field service technicians to perform the following activities as part of switchgear repair and modifications for the Englewood Water Treatment Plant in Englewood, FL: - Replacement of existing generator breaker (3000A) and send existing out to be refurbished - Repairs of the breaker racking system including the pin mechanism replacement - Replacement of existing main breaker (4000A) and send existing out to be refurbished - Work with SEL team for breaker interconnections - Installation of six PTs on the existing bus bar - Reconditioning of Bakelite insulators to improve insulation using insulated coating Customer is responsible for providing all PTs, fuse and fuse holders, etc.	1	45,710.00	45,710.00
Breaker TPSS9640SGA3E1 3P, 600V, 4000A Powerbreak I w/Magnetrip LSIG (3W) Front Connected, Electrically Operated 120VAC controls, 3a3b aux and no additional accessories	1	55,222.00	55,222.00
Freight will be added to final invoice.			

	QTY	RATE	AMOUNT
Breaker TPVVF8630FCE1. Houston style draw out, 120vac electrically operated, Shunt trip , 2a/b aux switches (if any additional trips are needed then it must be requested at the time of order), MVT+ trip upgrade (this trip is 2 or 3 generations newer than the current trip) with ground fault Freight will be added to final invoice.	1	44,154.00	44,154.00

SUBTOTAL	145,086.00
TAX	0.00
TOTAL	\$145,086.00

Accepted By

Accepted Date

BOARD AGENDA ITEM SUMMARY 5d

MEETING DATE: August 15, 2024

SUBJECT: Award of Bid-RFB 2024-139 – Welding & Fabrication Services

CATEGORY: X Consent

 Discussion

 Action

CONTACT PERSON: **Bee Ling Wheaton**

DEPT.: **Finance**

ITEM: **Award of Bid-RFB 2024-139 – Welding & Fabrication Services**

PURPOSE / JUSTIFICATION: **EWD requested sealed bids to secure the services of experienced, certified, competent and responsible Contractors capable of providing as-needed welding and fabrication services. Two bids were received from Mobil Arc Welding & Fabrications Inc. and Fortunate Fab LLC. After reviewing the bids, staff has determined that both bidders met bid specifications and is making the recommendation to award to both bidders as it is in the District’s best interests to have multiple Contractors capable of providing welding and fabrication services to assist in maintaining the District’s operations.**

Funds in Account:

Budget Resolution required: yes X no

Amount Budgeted: \$
Amount Previously Spent: \$
Total Expenditure Required: \$
Budget Amendment Requested: \$
Remaining in Budget: \$

MOTION(S): To approve the award for RFB 2024-139 – Welding & Fabrication Services to Mobil Arc Welding & Fabrications Inc. in the amount of \$55,500 and Fortunate Fab LLC in the amount of \$60,100. Awarded amounts are estimates established for quantifying bid totals. Expenses stemming from these awards will be based on actual work performed by the Contractors. Funds to come from water and wastewater revenues.

Prepared By: **Teresa Herzog**

Date: **August 7, 2024**

Approvals:



Administrator



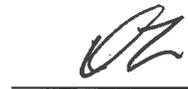
Finance



Technical Support



Water Operations



Wastewater Operations

ACTION TAKEN BY BOARD: Denied Approved / Resolution No: _____

ATTACHMENTS: **Notice of Intent to Award Bid Tabulation**



NOTICE OF INTENT TO AWARD

DATE: August 7, 2024
SOLICITATION ID: RFB 2024-139
DESCRIPTION: Welding and Fabrication Services

After reviewing bids received, staff has determined that the bidders met the specifications for the above solicitation. Staff will be recommending the award to:

MOBIL ARC WELDING AND FABRICATION, INC

FORTUNATE FAB, LLC.

Final award is subject to review, for compliance with purchasing procedures, funding availability, insurance coverage, and approval of the District's Board of Supervisors at the next scheduled Board meeting on **August 15, 2024**.

Bee Ling Wheaton
Procurement Manager
Englewood Water District



ENGLEWOOD WATER DISTRICT BID OPENING

July 30, 2024 @ 2:30 P.M.

Initial Bid Tabulation RFB 2024-139 Welding and Fabrication Services

BIDDER'S COMPANY	DATE & TIME RECEIVED	BID TOTAL (\$)
MOBIL ARC WELDING & FABRICATION, INC.	July 18, 2024 @ 8:08 AM	55,000 55,500*
FORTUNATE FAB	July 23, 2024 @ 7:25 AM	60,100

Note: No Bid responses were received from Macs Metal on 7.16.24 and SRQ Welding on 7.26.24

** Bid total has been corrected based on unit cost submitted.*

BOARD AGENDA ITEM SUMMARY 5e

MEETING DATE: August 15, 2024

SUBJECT: Award of Bid-RFB 2024-140
Replacement of Lime Plant Filter Media –
Filter #2

CATEGORY: X Consent Discussion Action

CONTACT PERSON: Dewey Futch DEPT.: Production

ITEM: Award of Bid-RFB 2024-140 – Replacement of Lime Plant Filter Media – Filter #2

PURPOSE / JUSTIFICATION: Three bids for RFB 2024-140 – Replacement of Lime Plant Filter Media – Filter #2 Project were received and opened on July 31, 2024 at 2:30 P.M. Bids were reviewed by EWD staff and based on the bid results; it is staff's recommendation to award the Replacement of Lime Plant Filter Media – Filter #2 Project Contract to EnviroWaste Services Group, Inc. in the amount of \$39,250. Project costs exceeds the Administrator's \$35,000 authority.

Funds in Account: 500467-530-101 Budget Resolution required: yes X no

Amount Budgeted:	\$	1,123,068.00
Year to Date Expenditures	\$	(515,467.45)
Open POs	\$	(115,860.17)
Total Expenditure Required:	\$	<u>(39,250.00)</u>
Remaining in Budget:	\$	<u>452,490.38</u>

MOTION(S): To approve the award for RFB 2024-140 Replacement of Lime Plant Filter Media – Filter #2 Project Contract to EnviroWaste Services Group, Inc. in the amount of \$39,250. Funds to come from water revenues.

Prepared By: Teresa Herzog Date: August 7, 2024

Approvals:

 _____ Administrator	 _____ Finance	 _____ Technical Support	 _____ Water Operations	 _____ Wastewater Operations
--	---	---	--	---

ACTION TAKEN BY BOARD: Denied Approved / Resolution No: _____

ATTACHMENTS: Notice of Intent to Award Bid Tabulation



NOTICE OF INTENT TO AWARD

DATE: August 7, 2024
SOLICITATION ID: RFB 2024-140
DESCRIPTION: Replacement of Lime Plant Filter Media – Filter No. 2

After reviewing sealed bids received, staff has determined that the lowest responsive and responsible bidder to meet the specifications for the above solicitation is:

EnviroWaste Services Group, Inc.

With the acceptance of the award, the winning bidder is confirming that the bid total of **\$39,250** submitted in response to this solicitation represents all-inclusive costs to complete the work identified in the solicitation documents.

Final award is subject to review, for compliance with purchasing procedures, funding availability, insurance coverage, and approval of the District's Board of Supervisors at the next scheduled Board meeting on **August 15, 2024**.

Bee Ling Wheaton
Procurement Manager
Englewood Water District



ENGLEWOOD WATER DISTRICT BID OPENING

July 31, 2024 @ 2:30 PM

Initial Bid Tabulation

RFB 2024-140 Replacement of Lime Plant Filter Media - Filter No. 2

BIDDER'S COMPANY	DATE & TIME RECEIVED	BASE BID (\$)	BID ALTERNATIVE (\$)	TOTAL BID, BASE & ALTERNATIVE (\$)
EnviroWaste Service Group, Inc.	July 30, 2024 @ 10:26 a.m.	34,500	4,750	39,250
Leo Pfliger Construction, Inc.	July 30, 2024 @ 11.39 a.m.	47,306	17,077	64,383
Razorback, LLC.	July 30, 2024 @ 1:46 p.m.	50,500	9,200	59,700

BOARD AGENDA ITEM SUMMARY

7a

MEETING DATE: August 15, 2024

SUBJECT: End of Interim Administrator Title

CATEGORY: Consent

Discussion

Action

CONTACT PERSON: **Heather Bagshaw**

DEPARTMENT: **Human Resources**

ITEM: **End of Interim Administrator Title**

PURPOSE / JUSTIFICATION: **Per Board Resolution #24-03-12 B Mr. Ledford was appointed as the Interim Administrator of EWD. Since Mr. Collard's Administrator's contract was ratified at the July 11, 2024 meeting it would be appropriate for the Board to approve Mr. Ledford's return to his previous job title.**

MOTION: **To return Keith R. Ledford, Jr., P.E. to his previous job title of Technical Support Manager.**

Prepared By: **Teresa Herzog**

Date: **July 23, 2024**

Approvals:



Administrator



Finance



Technical Support



Water Operations



Wastewater Operations

ACTION TAKEN BY BOARD: Denied Approved / Resolution No: _____

ATTACHMENTS: **None**

STATUS REPORT
For Board Meeting August 15, 2024

CIP/In-house Projects:

1. **Lime Bed Cleaning** – The project has been completed. Prolime hauled off approximately 16,420 cubic yards of dried lime and transferred as much of the wet lime from the backwash pond as possible. This project is complete and will be removed from future reports.
2. **RO Electrical Switchgear Repair** – McKim & Creed is working with Predictive Technologies Inc. and SEL Engineering Services for the needed repairs to the switchgear. Predictive Technologies will be supplying the new refurbished breakers and will perform installation and wiring changes, while SEL will be supplying the automated controls portion. The delivery of the breakers is expected for early to mid-September.
3. **South WRF – New Headworks/Drying Bed** – The construction continues on the headworks. The new MCC's are scheduled to be delivered on August 8, 2024, with the ATS being delayed at least another week. Demo of the existing headworks has been completed with the exception of the portions of the electrical feed which we are waiting on FPL to deenergize. Veolia is scheduled to return on August 13, 2024, to complete the final commissioning of the grit system.
4. **Utility Rate Study** – The rate study presentation was pulled from the August Board Meeting. The proposed budgets for FY25 have been sent to Raftelis. Staff will continue to work with Raftelis to prepare the rate study for Board presentation.
5. **V-1 Station Rehab** – The construction continues with the new Airvac equipment being set in the building, the overhead bridge crane installed, and they are currently working on getting the roof installed. Following the roof installation, they will begin the interior framing, drywall and insulation while continuing to work on the mechanical and electrical portions of the project. On the exterior, they will be stuccoing the building followed by the installation of the louvers and doors. Based on the current construction schedule, the start-up of the new station is anticipated for early October 2024.
6. **WRF Plant 1 & 2 Rehab** – The painters are still working on Plant 1.
7. *** Elevated Tank Rehab** – Staff is working on a bid package for a complete blast and recoating of the tank.
8. *** Holiday Ventures Generator Replacement** – A PO has been issued to Mid Florida Diesel on January 11, 2024, for the purchase of a new 250kW Blue Star Generator. Staff has reviewed/approved the submittals and the order has been placed. Delivery is anticipated for November 2024.
9. *** LS #114 Improvements – Brook to Bay** – Staff is working on the FDEP close out project so the lift station can be placed into service. While this will complete this portion of the project, the reinstallation of the RV pads and final restoration cannot be completed until Brook to Bay is able to reconstruct their seawall/retaining wall.
10. *** North WRF Phase 1** – Angie Brewer and Associates is revising the Facilities Plan to address FDEP's comments. They plan to present the application for design funding at a future FDEP meeting. A meeting is scheduled for June 18, 2024, with Wellen Park to discuss the land agreement for the new plant.
11. *** Quail's Run I&I** – The project is almost complete with only minor things left to be completed.
12. *** WRF Electrical Upgrades** – The FDEP Grant agreement has been executed. Staff is working on getting an RFP package out to select a consultant for the work.

Developments/Projects Approved for Construction:

1. **Ashore N Store Self Storage** – The land has been cleared for the new 136,900 SF 3-story self-storage facility located at 590 N. Indiana Ave. While the required utility modifications are minor for this project, staff will continue to monitor the

STATUS REPORT

progress and oversee those modifications as needed.

2. **Beachwalk by Manasota Key Phase 2** – The project has been completed and all utilities have been turned over.
3. * **Boca Royale Unit 19** – The Developer's Agreement has been executed and plans are approved. FDEP permits have been received for the water modifications. A FDEP sewer permit is not required.
4. * **Boca Royale East** – A preconstruction meeting was held on June 12, 2024, with the engineer, contractor and EWD staff in attendance.
5. **Island Lake Estates at Coco Bay** – Phase 2 has been completed and those utilities have been turned over. The utilities for Phase 3 have been installed and are awaiting testing.
6. * **Gateway Court** – FDEP permits for both water and sewer have now been received.
7. **Paddock Pines** – The Developer's Agreement has been completed. Plans were approved and the FDEP applications were signed.
8. **Palm Lake at Coco Bay (FKA Lake Emily)** – The project has been completed and all utilities have been turned over.
9. * **Sportport/Sportport 2.0** – The Developer plans to construct warehouses intended for RV storage on two parcels within Morris Industrial Park. Minor utility improvements are needed, including the installation of a fire hydrant and fire lines for both projects. Developer's Agreements have been completed and plans have been approved.
10. * **Storage Depot 775** – TDM Consulting, Inc. submitted final utility plans for a new 80,731 SF 3-story self-storage facility located at 4400 Placida Rd. A Developer's Agreement has been executed and plans are approved for construction. No FDEP permits are required for this project.
11. **Suncoast Humane Society** – The certification package has been submitted. Staff has signed the FDEP applications to place the utilities into service.

Developments/Projects in Plan Review:

12. * **200 Artists** – The plans are ready to be approved. Staff is waiting on Kimley Horn before they can finalize the required Developer's Agreement. Once executed, staff will approve the plans and sign the required FDEP applications.
13. * **Beachwalk by Manasota Key Phase 3** – Phase 3 plans are ready to be approved but we are waiting on Kimley-Horn to submit the final construction estimate in order to finalize the Developer's Agreement.
14. * **Beachwalk by Manasota Key Phase 4** – Kimley-Horn submitted plans for Phase 4 of the Beachwalk project. Staff is reviewing the plans.
15. * **Englewood Apartments** – Staff has sent comments to Kimley-Horn for the additional revisions on the utility portion of the project.
16. * **Englewood Self Storage** – Rapid Construction Solutions, LLC has submitted preliminary plans for a new self-storage facility located at 1912 S. McCall Rd. The proposed plans include 1,875 SF of office space, 103,278 SF of self-storage and 20,880 SF of covered parking. Staff returned comments for requested changes on December 14, 2023.
17. * **Esplanade at Wellen Park** – Staff met with Atwell to discuss the plans that had been submitted for the project. There are numerous changes required. The project will include 877 single/multi-family units and three neighborhood amenity centers. The potential emergency water interconnect with the City of North Port still needs to be discussed further. If agreed upon, the interconnect would be designed and constructed with this project.

STATUS REPORT

18. * **Generation at Englewood** – The Developer’s Agreement has been sent for review. Once executed, staff will approve the plans and sign the required FDEP applications.
19. * **Prose Apartments** –The project includes a total of 260 apartments (159 1-bedroom and 101 2-bedroom units) and an Amenity Center. Staff submitted comments to RESPEC on April 5, 2024.
20. * **Sandy Lane Townhomes** – DMK has resubmitted plans for the project. A Developer’s Agreement has been completed and is awaiting execution prior to approving the plans and signing the FDEP applications.
21. * **Shores at Stillwater (FKA Medical Blvd.)** – Heidt Design has resubmitted the utility plans for final review and approval. A Developer’s Agreement has been completed and sent for execution.
22. * **Turquoise Bay** – DMK has submitted plans for a new project on Waterside Dr., south of Massachusetts Ave. The Developer is looking to construct 42 multi-family units with a community pool. Staff is currently reviewing.

Upcoming Developments/Projects:

23. * **Charlotte County – Avenues of the Americas Sidewalk Project** – Charlotte County held a preconstruction meeting on March 21, 2024.
24. * **Charlotte County – N. Beach Rd Sidewalk & Lighting** – Charlotte County submitted 30% plan for review in April 30, 2024.
25. * **FDOT – Charlotte County Line to Tangerine Woods** – Green line mark-ups have been provided to Element Engineering Group. The proposed project would convert the center turn lane into a divided raised median with direction median openings. Construction is expected to begin in 2025.
26. * **Quail’s Run Inn** – DMK is working on the utility design for the new Quail’s Run Inn project. The property is located between Englewood Glass and Mirror and Quail’s Run. There will be a total of 100 multi-family units and an amenity center. There were utilities installed with the previous project but the condition of those is unknown at this time.



CHARLOTTE COUNTY
FLORIDA

Potable and Recycled Water Utility Capacity Report

Please complete and return this form by the 5th of each month to:
Folakemi Gangbo, Planner, 18400 Murdock Circle, Port Charlotte, FL 33948
Phone: 941.764.4934 Email: shaun.cullinan@charlottecountyfl.gov

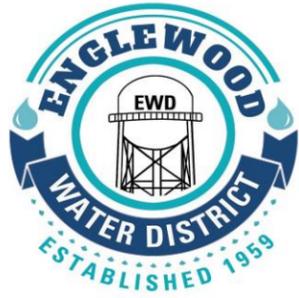
Utility Information	
Utility Name: Englewood Water District	Month/Year Reporting: July 2024
Preparer's Name: Keith R. Ledford, Jr., P.E.	Phone: 941-460-1020
Utility Address: 201 Selma Ave	Email: kledford@ewdfl.com
City: Englewood	Zip code: 34223
Permit and Treatment Plant Information	
DEP Permit Number: 6580531	
Permitted Treatment Capacity (AADF) 5.36 MGD	
Plant Peak Design Capacity: 6.86 MGD	
Monthly Flow Data (For Reported Month Only)	
Month's Average Daily Flow: 2.63 MGD	
Month's Peak Daily Flow: 2.91 MG	
Potable Water Connection Information (In ERCs)	
ERCs (MGD)	Connections
Total ERCs Permitted: 5.36 MGD	
Total ERCs Served: 24,139	19,712
Single Family: 18,057	18,043
Multi-Family: 3,008	411
Commercial: 3,074	1,258
Industrial:	
Irrigation:	
Other:	
Bulk Customer (Committed): 1	1
Calculated Total Flows: 2.63	
Remaining ERCs Available: 2.73	
Recycled Water Connection Information (In ERCs)	
Total ERC Capacity 1.4 MGD	
Total ERCs Served: 1.4 MGD	
Industrial:	
Irrigation: 1.4 MGD	
Other:	
Remaining ERCs Available:	
Bulk Water Purchase Agreement Information	
Utility Purchased From: Englewood Water District	
Utility Sold To: Bocilla Utilities Inc.	
Maximum Purchase Amount:	
Actual Purchased Amount: 2,826,900 Gallons	
Emergency Interconnect Information	
Interconnected Utility: Charlotte County & Sarasota County	
Amount Transferred(Received): 0	
Reason for Emergency Transfer:	



Sanitary Sewer Utility Capacity Report

Please complete and return this form by the 5th of each month to:
Folakemi Gangbo, Planner, 18400 Murdock Circle, Port Charlotte, FL 33948
 Phone: 941.764.4934 Email: shaun.cullinan@charlottecountyfl.gov

Utility Information		
Utility Name: Englewood Water District	Month/Year Reporting: July 2024	
Preparer's Name: Keith R. Ledford Jr., P.E.	Phone: 941-460-1020	
Utility Address: 201 Selma Avenue	Email: kledford@ewdfl.com	
City: Englewood, FL	Zip code: 34223	
Permit and Treatment Plant Information		
DEP Permit Number: FLA014126		
Permitted Disposal Capacity (AADF): 3.4 MGD		
Plant Peak Design Capacity: 4.2 MGD		
Monthly Flow Data (For Reported Month Only)		
Month's Average Daily Flow: 1.40 MGD		
Month's Peak Daily Flow: 1.68 MGD		
Sanitary Sewer Connection Information (In ERCs)		
	ERCs (MGD)	Connections
Total ERCs Permitted:	3.4 MGD	
Total ERCs Served:	21,129	17,497
Single Family:	16,361	16,351
Multi-Family:	2,925	372
Commercial:	1,843	774
Industrial:		
Other:		
Calculated Total Flows:	1.4	
Remaining ERCs Available:	2.0	
Bulk Sewer Purchase Agreement Information		
Utility Purchased From: Englewood Water District		
Utility Sold To: Sunshine Water Service FKA Sandalhaven Utilities		
Maximum Purchase Amount: 300,000 GPD		
Actual Purchased Amount: 1,193,813 Gallons		
Bulk Sewer Purchase Agreement Information		
Utility Purchased From: Englewood Water District		
Utility Sold To: Charlotte County Utilities		
Maximum Purchase Amount: 100,000 GPD		
Actual Purchased Amount: 1,282,694 Gallons		
Emergency Interconnect Information		
Interconnected Utility: N/A		
Amount Transferred:		
Reason for Emergency Transfer:		



Englewood Water District

Elected Board
 Rob Stern- Chair
 Lani Gaver - Vice Chair
 Sydney Crampton
 Taylor Meals
 Dennis Pinkiewicz

District Attorney
 Robert Berntsson

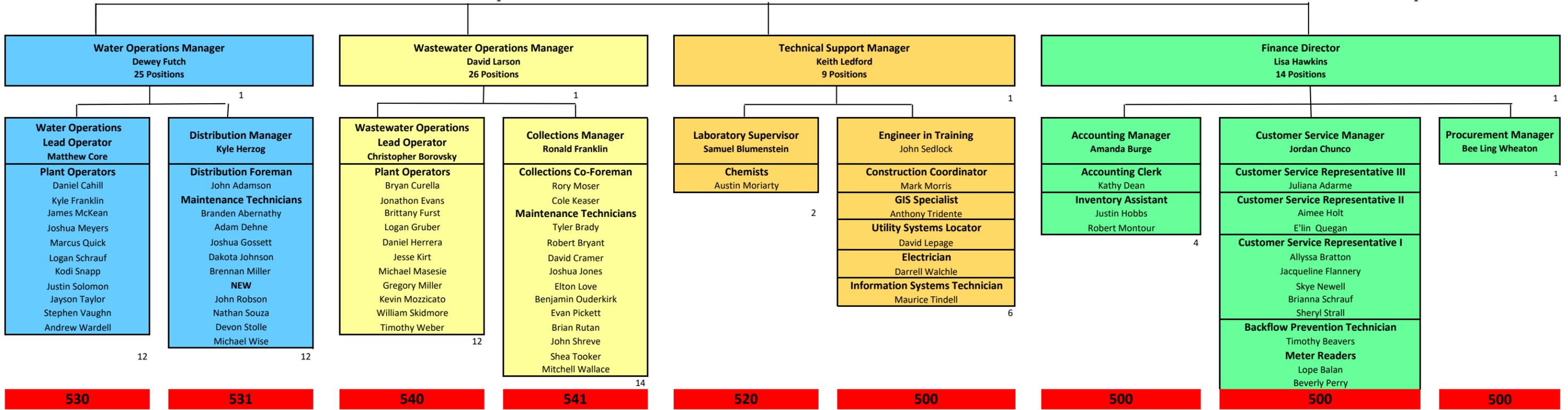
201 Selma Avenue
 Englewood, FL 34223
 Local: 941.474.3217
 Toll Free: 866.460.1080
 Fax: 941.460.1025

**Board Secretary
 Executive Assistant**
 Teresa Herzog
500

**Michael Collard
 Administrator**
 1

Human Resource Manager
 Heather Bagshaw
500

Total Employees 82



**ENGLEWOOD WATER DISTRICT
INCOME STATEMENT
YE FY22, JULY 2022, FY23 BUDGET, YTD FY23 JULY 2023**

	YEAR END FY22	YTD FY22 JULY 2022	FY23 APPROVED BUDGET	YTD FY23 JULY 2023	Over (Under) Budget
Operating Revenues					
Water Services	\$ 8,567,689	\$ 7,180,550	\$ 9,080,022	\$ 7,685,679	\$ (1,394,343)
Waste Treatment	9,605,805	8,140,292	10,149,164	8,490,464	(1,658,700)
Accrued Guaranteed Revenue Fees	254,391	225,805	1,018,470	459,683	(558,787)
Other	329,765	280,115	330,716	225,109	(105,607)
Total Operating Revenues	18,757,650	15,826,762	20,578,372	16,860,934	(3,717,438)
Operating Expenses					
Water Production	3,590,914	2,346,420	3,872,928	2,768,025	(1,104,904)
Water Distribution	2,263,204	1,544,129	2,194,239	1,515,485	(678,754)
Waste Treatment	3,515,092	2,037,684	3,550,349	2,559,811	(990,538)
Waste Collection	4,841,302	2,551,049	5,137,718	3,799,011	(1,338,707)
Laboratory	260,857	215,788	327,376	238,856	(88,520)
General & Administrative	4,055,733	2,915,773	5,936,700	4,108,090	(1,828,610)
Total Operating Expenses	18,527,101	11,610,845	21,019,310	14,989,278	(6,030,032)
Operating Surplus (Deficit)	230,549	4,215,918	(440,938)	1,871,657	2,312,595
Non-Operating Revenues (Expenses)					
Interest Income	313,931	247,744	-	400,496	400,496
Net Increase (Decrease) in Fair Value of Investment	(1,007,081)	(740,996)	-	187,729	187,729
Assessment Revenue	75,150	75,008	-	60,397	60,397
Interest Expense	(213,973)	(208,490)	(122,015)	(124,048)	2,033
Other Revenues	-	-	-	1,156,460	1,156,460
Gain (loss) on Disposal of Capital Assets	34,440	34,440	-	29,806	29,806
Total Non-Operating Expenses	(797,533)	(592,295)	(122,015)	1,710,840	1,836,921
Surplus (Deficit) Before Contributions	(566,984)	3,623,623	(562,953)	3,582,497	4,149,516
Capital Contributions					
Cash	1,642,581	1,457,947	5,593,675	2,653,848	(2,939,827)
Non Cash	2,861,520	2,305,759	-	1,029,453	1,029,453
Total Capital Contributions	4,504,101	3,763,706	5,593,675	3,683,301	(1,910,374)
Change in Net Position	3,937,117	7,387,329	5,030,722	7,265,798	1,021,960
Total Net Position - beginning of year, as restated	103,078,314	103,078,314	107,015,431	107,015,431	
Total Net Position - end of year	\$ 107,015,431	\$ 110,465,643	\$ 112,046,153	\$ 114,281,229	

ENGLEWOOD WATER DISTRICT
SEPTEMBER 30, 2022, YTD FY23 JULY 2023
BALANCE SHEET

	<u>FY2022</u>	<u>YTD FY 2023</u>
ASSETS		
Current Assets		
Cash & Equivalents	\$ 3,316,997	\$ 4,653,812
Accounts Receivable	2,150,956	2,379,968
Accrued Interest Receivable	-	-
Inventory	1,559,955	2,116,822
Prepays	14,431	67,082
Total Current Assets	<u>7,042,338</u>	<u>9,217,683</u>
Noncurrent Assets		
Restricted Cash and Cash Equivalents	-	-
Restricted Assets: Investments	7,921,316	5,042,459
Investments	12,045,844	14,035,240
Connection Fees - Assessment Rec	1,434,533	1,232,614
Capital Assets (net)	90,237,022	93,311,914
Total Noncurrent Assets	<u>111,638,715</u>	<u>113,622,227</u>
Total Assets	<u>118,681,053</u>	<u>122,839,910</u>
Deferred Outflow of Resources		
Accumulated Decreases in Fair Value of Hedging Derivatives	41,898	41,898
Accumulated Costs Associated with Refunding of Debt	82,107	82,107
Deferred Amounts on Pensions	3,657,329	3,657,329
Total Deferred Outflow of Resources	<u>3,781,334</u>	<u>3,781,334</u>
LIABILITIES AND NET POSITION		
Current Liabilities		
Accounts Payable	550,647	104,490
Accrued Liabilities	724,914	232,106
Total Current Liabilities	<u>1,275,562</u>	<u>336,596</u>
Current Liabilities Payable from Restricted Assets		
Contracts Payable	-	-
Retainage Payable	(0)	46,527
Accrued Interest	57,203	57,203
Current Portion of Bonds and Notes Payable	2,423,597	170,020
Total Current Liabilities Payable from Restricted Assets	<u>2,480,800</u>	<u>273,750</u>
Noncurrent Liabilities		
Compensated Absences	644,293	683,368
Net OPEB Obligation	1,497,934	1,497,934
Derivative Instruments - Rate Swap	41,898	41,898
Bonds and Notes Payable, Net	1,801,325	1,801,325
Net Pension Liability	5,310,920	5,310,920
Total Noncurrent Liabilities	<u>9,296,370</u>	<u>9,335,444</u>
Total Liabilities	<u>13,052,731</u>	<u>9,945,790</u>
Deferred Inflow of Resources		
Deferred Amount on Pensions	2,394,225	2,394,225
	<u>2,394,225</u>	<u>2,394,225</u>
Net Position		
Net Investment in Capital Assets	86,012,101	91,294,042
Unrestricted	21,003,331	22,987,187
Total Net Position	<u>\$ 107,015,431</u>	<u>\$ 114,281,229</u>

Englewood Water District
Investment Report
as of July 30, 2024

RBC	Market Value	Percent of Total
Certificate of Deposit	8,840,448	47.01%
Bonds- Revenue/General Obligation	-	0.00%
Government Backed Bonds	3,986,275	21.20%
Money Markets/Cash	<u>5,976,922</u>	<u>31.79%</u>
	<u><u>\$ 18,803,644</u></u>	<u><u>100.00%</u></u>
Centennial Bank		
Cash Centennial- operating acct	2,113,186	
Cash Centennial- money market	<u>76,399</u>	
Total Cash	<u><u>\$ 2,189,585</u></u>	
Total Cash and Investments	\$ 20,993,229	
Prev Month Investments	\$ 13,581,914	
Prev Month - Cash - RBC	5,084,307	
Prev Month - Cash - Centennial	3,597,696	
Prev Month - Investments and Cash	<u><u>\$ 22,263,917</u></u>	

Englewood Water District
RBC Investment Report
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Security Description	Investment Type	Cusip	Cost	Coupon Rate	Trade Date	CD Date	Maturity Date	Par Value	Current Market Value	Estimated Yield	Duration (In Years)
ISRAEL STATE	US GOVT GTD NOTE	465139PR8	252,052.25	floating	12/3/2019	1/21/1997	11/15/2024	273,000.00	268,544.64		4.96
RAYMOND JAMES BANK NA	CD	75472RAE1	110,516.45	2.000%	5/14/2020	8/23/2019	8/23/2024	105,000.00	104,778.45	1.880%	4.28
CAPITAL ONE BANK USA NA	CD	14042TCD7	89,963.90	1.900%	10/13/2020	8/28/2019	8/28/2024	85,000.00	84,778.15	1.790%	3.88
STATE BANK OF INDIA	CD	8562842T0	101,577.10	3.250%	4/1/2020	10/17/2014	10/17/2024	95,000.00	94,509.80	2.970%	4.55
RAYMOND JAMES BANK NA	CD	75472RAK7	248,801.54	1.800%	1/7/2020	11/8/2019	11/8/2024	248,000.00	245,661.36	1.700%	4.84
STATE BANK OF INDIA	CD	8562843C6	89,573.36	3.200%	4/1/2020	12/5/2014	12/5/2024	84,000.00	83,400.24	2.890%	4.68
MERRICK BANK SOUTH JOURDAN UT CD	CD	59013KEY8	77,873.75	1.750%	4/29/2020	1/17/2020	1/17/2025	75,000.00	73,864.50	1.650%	4.72
STATE BANK OF INDIA	CD	856285SM4	73,461.70	1.950%	6/9/2020	1/22/2020	1/22/2025	70,000.00	68,959.10	1.830%	4.62
ICBC LTD NEW YORK BRANCH	CD	45581ECD1	200,000.00	0.350%	2/3/2021	2/11/2021	2/11/2025	200,000.00	195,168.00	0.350%	4.00
BELL STATE B&T	CD	07815AAZ0	257,151.12	1.600%	7/1/2020	2/27/2020	2/27/2025	245,000.00	240,273.95	1.520%	4.66
AMERICAN EXPRESS NATL BANK	CD	02589AB68	245,401.17	1.550%	6/9/2020	3/31/2020	3/31/2025	237,000.00	231,665.13	1.470%	4.81
INSTITUTION FOR SVGS	CD	45780PBL8	250,000.00	3.100%	5/10/2022	5/20/2022	5/20/2025	250,000.00	246,402.50	3.100%	3.00
HADDON SVGS BANK	CD	404730CR2	164,589.25	0.750%	6/24/2020	5/26/2020	5/27/2025	163,000.00	157,544.39	0.740%	4.93
TEXAS BANK FINL	CD	882213AF8	108,999.00	0.700%	6/24/2020	5/28/2020	5/28/2025	108,000.00	104,329.08	0.690%	4.93
STATE BANK OF INDIA	CD	856283N77	253,187.50	0.900%	7/14/2020	6/26/2020	6/26/2025	250,000.00	240,815.00	0.890%	4.95
FIRST CAROLINA BANK	CD	31944MBB0	250,000.00	0.450%	8/5/2020	8/20/2020	8/20/2025	250,000.00	238,862.50	0.450%	5.00
TEXAS EXCHANGE BANK	CD	88241TJJ0	250,000.00	0.600%	10/13/2020	10/23/2020	10/23/2025	250,000.00	237,147.50	0.600%	5.00
JP MORGAN CHASE BK	CD	48128UQP7	246,379.95	0.550%	4/8/2021	10/30/2020	1/30/2026	250,000.00	235,195.00	0.550%	4.82
BMO HARRIS BK NATL ASSN	CD	05600XBY5	250,000.00	0.550%	2/11/2021	2/18/2021	2/18/2026	250,000.00	234,802.50	0.200%	5.00
SUNWEST BK IRVINE CALIF	CD	86804DCR7	250,000.00	0.450%	2/11/2021	2/26/2021	2/26/2026	250,000.00	234,187.50	0.450%	5.00
DAKOTA WESTN BK BOWMAN	CD	23427AAH7	245,000.00	5.000%	5/17/2023	5/19/2023	5/19/2026	245,000.00	245,022.05	5.000%	3.00
TOYOTA FINL SVGS BK	CD	89235MLC3	252,795.19	0.950%	8/17/2021	7/15/2021	7/15/2026	250,000.00	233,387.50	0.950%	5.00
FIRST SOURCE BK SOUTH BEND	CD	33646CPY4	215,000.00	5.350%	6/29/2023	7/6/2023	11/6/2026	215,000.00	215,352.60	5.350%	3.34
CELTIC BK SALT LAKE CITY	CD	15118RG35	250,000.00	4.900%	4/18/2023	4/19/2023	4/19/2027	250,000.00	250,025.00	4.900%	4.00
FARMERS & MERCHANTS BK	CD	307811GR4	245,000.00	5.000%	5/17/2023	5/25/2023	5/25/2027	245,000.00	245,061.25	5.000%	4.00
FIRST CNTY BNK STAMFORD CONN	CD	32002KAN6	245,000.00	5.000%	5/17/2023	5/26/2023	5/26/2027	245,000.00	245,093.10	5.000%	4.00
SOUTHERN STS BK ANNISTON AL	CD	843879EJ2	230,000.00	5.300%	6/1/2023	6/20/2023	6/17/2027	230,000.00	230,085.10	5.300%	3.99
AMERICAN COMMERCIAL BANK & TRUST	CD	02519AAD9	232,444.82	3.500%	11/7/2023	9/14/2022	9/14/2027	245,000.00	238,544.25	5.130%	3.85
FCNB BK STEELVILLE MO	CD	30191HAD0	247,323.98	4.750%	11/7/2023	10/26/2022	10/26/2027	250,000.00	250,032.50	5.100%	3.97
MINEOLA CMNTY BK	CD	60273NAB9	245,006.00	5.100%	11/7/2023	11/9/2022	11/9/2027	245,000.00	245,154.35	5.100%	4.01
PREMIER CMNTY NK MARION WIS	CD	74048CAV4	230,000.00	5.200%	6/1/2023	6/12/2023	12/13/2027	230,000.00	230,177.10	5.200%	4.51
FIRST BANK OF THE LAKE	CD	31925YAF9	245,073.12	5.000%	11/16/2023	5/18/2023	5/18/2028	245,000.00	245,051.45	5.000%	4.51
US BK NATL ASSN	CD	90355UAB1	252,012.59	5.200%	8/1/2023	7/18/2023	7/18/2028	250,000.00	250,507.50	5.066%	5.01
NANO BANC IRVINE CA	CD	63008MBB6	99,987.89	5.400%	10/16/2023	7/21/2023	7/21/2028	100,000.00	100,054.00	5.400%	5.01
DEDHAM INSTN FOR SVGS MASS CD	CD	24367JCL7	250,554.93	5.550%	10/3/2023	9/21/2023	9/21/2028	250,000.00	250,147.50	5.060%	5.01
COULEE BK LA CROSSE WIS CD	CD	22209WAE2	250,000.00	5.700%	10/24/2023	10/24/2023	10/24/2028	250,000.00	250,197.50	5.700%	5.01
STUDIO BK NASHVILLE	CD	86400LAF5	250,000.00	5.700%	10/24/2023	10/24/2023	10/24/2028	250,000.00	250,197.50	5.700%	5.01
FINWISE BANK (UTAH)	CD	31810PCC1	250,000.00	5.500%	11/2/2023	11/15/2023	11/15/2028	250,000.00	250,090.00	5.500%	5.01
FIRST ST BK WINCHESTER OH	CD	33650TAL4	250,000.00	5.500%	11/2/2023	11/15/2023	11/15/2028	250,000.00	250,090.00	5.500%	5.01
REGENT BANK TULSA OKLA	CD	758876AG1	250,000.00	5.500%	11/1/2023	11/15/2023	11/15/2028	250,000.00	250,090.00	5.500%	5.01
MAINSTREET BK FAIRFAX VA	CD	56065GBK3	245,000.00	5.300%	12/5/2023	12/18/2023	12/18/2028	245,000.00	245,090.65	5.300%	5.01
GBANK LAS VEGAS NEV	CD	36830MAJ0	250,000.00	5.000%	12/19/2023	12/28/2023	12/28/2028	250,000.00	250,107.50	5.000%	5.01
Subtotal			9,260,377.08					9,226,000.00	8,840,447.69		
UNITED STATES TREASURY NOTE	Treasury note	9128283D0	485,345.89	2.250%	12/15/2022	10/31/2017	10/31/2024	500,000.00	496,245.00	4.044%	1.88
UNITED STATES TREASURY NOTE	Treasury note	91282CDH1	470,383.02	0.750%	12/15/2022	11/15/2021	11/15/2024	500,000.00	493,540.00	4.026%	1.92
UNITED STATES TREASURY NOTE	Treasury note	91282CFX4	232,551.03	4.500%	12/15/2022	11/30/2022	11/30/2024	230,000.00	229,429.60	4.005%	1.96

Englewood Water District
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Security Description	Investment Type	Cusip	Cost	Coupon Rate	Trade Date	CD Date	Maturity Date	Par Value	Current Market Value	Estimated Yield	Duration (In Years)
US TREASURY SECURITIES	Bonds	912828Y79	274,526.43	2.875%	8/24/2021	8/25/2021	7/31/2025	250,000.00	245,390.00	0.408%	3.93
FEDERAL FARM CREDIT BANK	Bonds	3133ENUZ1	249,756.00	3.090%	5/10/2022	4/20/2022	10/20/2025	250,000.00	244,855.00	3.120%	3.45
UNITED STATES TREASURY NOTE	Treasury note	91282CAT8	459,625.75	0.250%	5/10/2022	11/2/2020	10/31/2025	500,000.00	473,555.00	2.704%	3.48
TENNESSEE VALLEY AUTH STRIP GENERIC INT PMT	zero coupon bond	88059EHQ0	174,293.70	0.000%	11/18/2020	11/3/1995	11/1/2025	178,000.00	167,428.58		4.96
TENNESSEE VALLEY AUTH	Bonds	880591CJ9	68,156.95	6.750%	11/18/2020	11/1/1995	11/1/2025	52,000.00	53,297.40	6.750%	4.96
US TREASURY SECURITIES	zero coupon bond	912833LX6	419,934.35	0.000%	6/1/2021	6/2/2021	11/15/2025	430,000.00	405,743.70		4.46
FREDDIE MAC	Bonds	3134GYHU9	50,431.52	5.500%	11/7/2023	2/28/2023	2/28/2028	50,000.00	49,947.00	5.555%	4.31
FEDERAL HOME LOAN BANK	Bonds	3130AVPE6	500,878.33	5.280%	11/14/2023	4/26/2023	4/26/2028	500,000.00	499,440.00	5.305%	4.45
FEDERAL HOME LN MTG CORP	Bonds	3134GYXX5	636,108.88	5.650%	11/1/2023	7/26/2023	7/26/2028	628,000.00	627,403.40	5.636%	4.74
Subtotal			2,833,711.91					2,838,000.00	3,986,274.68		
Cash Balance									5,976,921.55		
Subtotal Cash									5,976,921.55		239.55
Average % and Duration in Years										2.624%	3.33

Certificate of Deposit	8,840,447.69	
FHLMC		
FNMA		
GNMA		
FICO Series		
Bonds- Revenue/General Obligation		
Government Backed Bonds	3,986,274.68	
Money Markets/Cash	5,976,921.55	
	18,803,643.92	
	18,803,643.92	stmt
	-	diff