

HASTINGS UTILITY BOARD AGENDA

**Council Chambers - City Hall Building
220 North Hastings Avenue
April 14, 2022
9:00 AM**

ROLL CALL:

PLEDGE OF ALLEGIANCE:

MOTION TO ADOPT CURRENT AGENDA FOR April 14, 2022 REGULAR MEETING.

PUBLIC NOTICE - Official Notice of the Regular Meeting was published in the Hastings Tribune on Tuesday, April 14, 2022. Pursuant to Nebraska Revised Statute Section 84-1412, the public is advised that a copy of today's agenda and all reproducible written material which will be discussed at today's meeting is located at the back of the Council Chambers. Also, a current copy of the Nebraska Open Meetings Act is posted on the south wall of the Council Chambers which is accessible to members of the public.

MANAGER'S COMMUNICATIONS:

BOARD CHAIRMAN'S COMMUNICATIONS:

BOARD MEMBERS' COMMUNICATIONS:

CITIZEN COMMUNICATIONS:

CONSENT AGENDA:

1. All Consent Items.
 - (a) Approval of the minutes of the Hastings Utility Board Meeting of March 10, 2022.

REGULAR AGENDA:

2. Unfinished Business of Preceding Meeting.
3. General Business.
 - (a) Finance
 - i. 1st Quarter Review

- (b) Production
- (c) Operations
 - i. AMI Update
 - ii. Water Department City Code Change
- (d) Administration
 - i. Energy Supply Staff Addition
 - ii. Open HU Positions
- (e) Other

4. Possible Closed Session (if necessary or requested).

ADJOURN:

The Hastings Utility Board reserves the right to enter into an executive session at any time during the meeting, in accordance with the Nebraska Open Meetings Act, even though the closed session may not be indicated on the agenda. It is the intention of the Hastings Utility Board to take up the items on the agenda in sequential order. However, the Hastings Utilities Board reserves the right to take up matters in a different order to accommodate the schedule of the Utility Board Members, persons having items on the agenda, and the public.

CITY OF HASTINGS, NEBRASKA
MINUTES OF UTILITY BOARD REGULAR MEETING
Thursday, March 10, 2022

Pursuant to due call and notice thereof, a Regular Meeting of the Utility Board of Hastings, Nebraska was conducted in the Council Chambers - City Hall Building, 220 North Hastings Avenue, on March 10, 2022.

ROLL CALL:

The meeting was called to order at 9:00 a.m. in Regular Session by Bill Hitesman with the following members present: Jeanette Dewalt, Mark Hemje, Susan Meeske, Shayne Raitt, Kevin Johnson, Butch Eley, Robin Ginn, Derek Zeisler, Jaci Higgins, Lee Vrooman, Dave Ptak, Lori Hartman, Keith Leonhardt, Clint Schukei, Erik Neilson, Shawn Hartmann, and Roger Nash.

PLEDGE OF ALLEGIANCE:

Bill Hitesman led the group in the recital of the Pledge of Allegiance to the United States of America.

MOTION TO ADOPT CURRENT AGENDA FOR March 10, 2022 REGULAR MEETING.

Moved by Dewalt and seconded by Raitt to adopt the current agenda for the March 10, 2022 Regular Meeting. Roll Call: Ayes: Hitesman, Dewalt, Meeske, Hemje, Raitt. Nays: None. The motion carried.

PUBLIC NOTICE - Official Notice of the Regular Meeting was published in the Hastings Tribune on Tuesday, March 8, 2022. Pursuant to Nebraska Revised Statute Section 84-1412, the public is advised that a copy of today's agenda and all reproducible written material which will be discussed at today's meeting is located at the back of the Council Chambers. Also, a current copy of the Nebraska Open Meetings Act is posted on the south wall of the Council Chambers which is accessible to members of the public.

MANAGER'S COMMUNICATIONS:

Mother Nature is a fiscal one.

BOARD CHAIRMAN'S COMMUNICATIONS:

None.

BOARD MEMBERS' COMMUNICATIONS:

None.

CITIZEN COMMUNICATIONS:

None.

CONSENT AGENDA:

1. All Consent Items.

- (a) Approval of the minutes of the Hastings Utility Board Meeting of February 10, 2022.

Hemje moved, Meeske 2nd. Roll Call: Ayes: Bill Hitesman, Jeanette Dewalt, Mark Hemje, Susan Meeske, Shayne Raitt. Nays: None.
Approved.

REGULAR AGENDA:

2. Unfinished Business of Preceding Meeting.

3. General Business.

- (a) Finance

i. Fiscal Year 20-21 Audit Report

Marci Luth from AMGL was introduced by Roger Nash and began the presentation on the audit report.

Questions? No

Marci touched on the letter that is required to communicate with the board.

Questions?

Kevin: On depreciation value (3rd item), was that a system? Yes, it has always been tracked the way we are currently tracking. Marci and Roger to look into moving forward.

Jeanette: First two items. Does either of those cause you any grief? No, we are doing our thing. Work in progress. The second item is more of a transitional thing. Can be fixed moving forward. Roger: We do have a payroll account set up in Munis to allocate this correctly. Bill: Nothing is in a critical condition. Kevin: We have the payroll module starting up soon.

ii. Fiscal Year-End 20-21 Q4 Summary Report

Kevin presented a PowerPoint on this. He highlighted more on the bullet points for this.

We were going to go over Q1, but there were some more things that we wanted to go over. We will discuss this at the next meeting.

Questions?

Bill: When we purchase gas, how long are we locked in to our rate? Derek: We buy gas consistently throughout the year. Once it is purchased, we own it. There only have so many places to store it. Timing of how much gas is purchased. Bill: When do we need to renew our agreement? Derek: Agreements continue to roll. Butch: Are we charging to pay our bill online? Derek: No, we have eliminated that charge. Robin: We did issue a lot of refunds for the charge of paying online. Kevin: There are multiple ways to pay the bill and there are no fees. There a atleast five notifications before services are shut off. Roger: It will be a few months down the road before we know hoe Munis is working.

(b) Production

i. Update on WEC leadership interim planning

Keith and Kevin have been handling this. Kevin has asked Derek Zeisler to step in as an administrative part of this. Keith will continue oversight of the technical aspects. The deadline has been shifted, which gives us more time to figure out what we are gonna do. Reevaluating the leadership roll more towards the budget season.

(c) Operations

i. Water Department City Code Change

Kevin and Lee are stepping in for Brandon as he is absent. We are going to handle the lead services and customers will be responsible for the nonlead services.

Clint: Will not be able to figure out who is responsible for the services until the pipe is dug up and the leak is found to determine who is responsible.

Mark: Current property line, day one of new code is where the line is? Creating more confusion if the issue is across the street, but is the other customer responsible for it?

Kevin: New lines can be fixed in segments instead of the entire line.

Voted to move to the council was initiated by Dewalt, second by Meesek. Yays:

Histesman, Dewalt, Meeske. Nays: Hemje. Absent: Raitt.

ii. Water Department Staff additions for boring group.

Jeanette appreciated the analytics being done and sent over for more description of what is going on.

Move to council: Initiate by Meeske, second by Hemje. Yays: Hitesman, Dewalt, Meeske, Hemje. Nays: None. Absent: Raitt.

(d) Administration

i. Energy Supply Staff Addition

Derek and Erik will be coming to you next month for another IT person. They are in the process of dividing and separating Jake's roll. Adding a head count to the utilities side and replacing it on the city side.

Erik: Jake has been covering the utilities and nerd compliance. Watching videos and making sure doors are locked properly. AMI front and other operations, working with the control room.

Dave Ptak: make it a little simpler. IT direction isn't going to change. This position is going to control.

Dewalt: Total head count for IT. Erik: City side to remain at 11.

Derek: We have had a benefit of being a small utility company for years.

Kevin: Will come back to the Utility Board for a recommendation in April.

Meeske: Helpful to have the compliance

(e) Other

4. Possible Closed Session (if necessary or requested).

ADJOURN:

Moved by Dewalt seconded by Meeske there being no further business to adjourn at 10:19 am. Roll Call: Ayes: Bill Hitesman, Jeanette Dewalt Mark Hemje, Susan Meeske. Nays: None. Absent: Shayne Raitt. Meeting Adjourned.

APPROVED:

Board Secretary



Utility Board Meeting
April 2022



Financial and Operating Report

Fiscal Year 2022

Quarter 1

Oct 1, 2021 – Dec 31, 2021

Balance Sheet Highlights

FY 2022 Q1 Update

(\$M)	<i>Electric</i>	<i>Combined System</i>	<i>Total</i>	<i>End FY 2021</i>
<u>Net Assets</u>	71.7	88.2	159.9	160.4
<u>Special Funds:</u>				
Insurance	2.0	1.0	3.0	3.0
Bond Reserve	0.0	0.0	0.0	0.0
Rate Stabilization	6.3	2.8	9.0	9.0
Health Insurance	0.0	1.9	1.9	1.9
Closure/Post Closure	1.2	0.0	1.2	1.2
Economic Development	0.0	1.5	1.5	1.5
<u>Cash & Investments</u>	44.0	15.8	59.8	61.6
<u>Revenue Bonds & SRF</u>	0.0	10.7	10.7	10.7
<u>City Equity</u>	121.2	112.1	233.3	233.9

Electric Summary

FY 2022 Q1 Update

(\$M)	FY 2022 Q1	Year Over Year	FY 2022 Budget	%
<u>Operating Revenue:</u>	11.4	2.9	49.4	23%
Retail	7.8	(0.3)	34.8	22%
Wholesale, Solar, Str	0.6	0.2	2.5	24%
SPP Market Sales	3.0	3.0	12.0	
<u>Operating Expenses:</u>	11.3	(3.1)	41.3	27%
Production	2.6	(0.1)	13.6	19%
SPP Market Purchases	2.5	(2.5)	10.0	
Purchased Power	0.7	(0.1)	2.9	24%
PP - PPGA	2.9	(0.6)	10.0	29%
Trans & Dist	0.3	0.1	2.3	13%
Gen & Admin	1.7	0.1	9.1	19%
Pymt in Lieu of Tax	0.5	0.1	3.1	16%
<u>Operating Income</u>	0.0	(0.3)	(1.8)	0%
Depreciation	1.4	0.0	5.6	25%
<u>Other Income/Exp</u>	0.6	0.0	1.3	46%
<u>Net Income</u>	(0.8)	(0.4)	(6.2)	

- *SPP Market Sales and SPP Market Purchases: previously these were netted and then included in the Wholesale number or the Purchased Power number but are now broken out separately to better track*
- *This was not initiated at budget time but new budget amounts have been estimated based off of Q1 numbers*

Gas Summary

FY 2022 Q1 Update

(\$M)	<i>FY 2022 Q1</i>	<i>Year Over Year</i>	<i>FY 2022 Budget</i>	<i>%</i>
<u>Operating Revenue</u>	2.2	0.5	9.5	23%
<u>Operating Expenses:</u>	2.5	(0.4)	8.5	29%
Purchased Gas	1.8	(0.5)	4.7	38%
Trans & Dist	0.3	0.0	1.3	23%
Gen & Admin	0.4	0.0	2.0	20%
Pymt in Lieu of Tax & Transfer to Gen. Fund	0.1	0.0	0.6	17%
<u>Operating Income</u>	(0.3)	0.1	1.0	
Depreciation	0.4	0.0	1.5	27%
<u>Other Income/Exp</u>	0.0	0.0	(0.4)	
<u>Net Income</u>	(0.7)	0.0	(0.9)	

- *Purchased Gas: majority of gas purchased during winter months*

Water Summary

FY 2022 Q1 Update

(\$M)	<i>FY 2022 Q1</i>	<i>Year Over Year</i>	<i>FY 2022 Budget</i>	<i>%</i>
<u>Operating Revenue</u>	1.7	0.1	7.3	23%
<u>Operating Expenses:</u>	1.0	0.0	5.1	20%
Production & Water Treatment	0.3	0.0	1.7	18%
Trans & Dist	0.1	0.0	0.9	11%
Gen & Admin	0.4	0.0	2.0	20%
Pymt in Lieu of Tax & Transfer to General Fund	0.1	0.0	0.5	20%
<u>Operating Income:</u>	0.6	0.0	2.1	29%
Depreciation	0.2	0.0	0.8	25%
<u>Other Income/Exp</u>	0.0	0.0	0.0	
<u>Net Income</u>	0.4	(0.1)	1.6	25%

Pollution Control

FY 2022 Q1 Update

(\$M)	<i>FY 2022 Q1</i>	<i>Year Over Year</i>	<i>FY 2022 Budget</i>	<i>%</i>
<u>Operating Revenue</u>	1.8	0.0	7.3	25%
<u>Operating Expenses:</u>	0.9	0.0	4.1	22%
Wastewater Treatment Plant	0.4	(0.1)	1.6	25%
Collection System	0.1	0.0	0.5	20%
Gen & Admin	0.4	0.0	1.7	24%
Pymt in Lieu of Tax	0.1	0.0	0.3	33%
<u>Operating Income:</u>	0.9	0.0	3.2	28%
Depreciation	0.5	0.0	1.9	26%
<u>Other Income/Exp</u>	0.0	0.0	(0.2)	
<u>Net Income</u>	0.4	0.0	1.0	40%

General & Admin

FY 2022 Q1 Update

(\$M)	<i>FY 2022 Q1</i>	<i>Year Over Year</i>	<i>FY 2022 Budget</i>	%
<u>General & Administrative</u> <i>(showing only budgets > \$400K)</i>	1.9	0.1	7.3	26%
Customer Records & Collections	0.2	0.0	0.6	33%
Environmental Engineering	0.1	0.0	0.6	17%
G & A Salaries	0.2	0.1	1.0	20%
Admin & Engineering Services to PPGA	0.2	0.0	0.9	22%
Outside Services	0.1	0.1	0.5	20%
Employee Benefits	0.2	0.0	0.8	25%
Maintenance of Buildings & Grounds	0.1	0.0	0.7	14%

Engineering

FY 2022 Q1 Update

(\$M)	<i>FY 2022 Q1</i>	<i>Year Over Year</i>	<i>FY 2022 Budget</i>	%
<u>Total Engineering</u> <i>(showing only budgets > \$100K)</i>	0.3	0.1	2.1	14%
Engineering General Expense	0.0	0.0	0.3	0%
Off Duty	0.1	0.0	0.2	50%
Employee Benefits	0.1	0.1	0.6	17%
IT Support	0.0	0.0	0.3	0%
Engineering Services to City	0.1	0.0	0.4	25%

Hastings Utilities Headcount

	No. of Employees for Pay Periods 25 & 26 ending 12/18/21	Budget Headcount 2021-2022
GAS	18	18
WATER/SEWER	13	14
PCC	10	9
ELEC/SUBS	17	20
NDS	6	7
WEC	68	78
ADMIN (EXCLUDES ENGIN, HR, IT, FINANCE) (INCLUDES MAINT, MECHANIC, WAREHOUSE)	14	14
ENGINEERING	20	21
ENV ENIGEERING	4	4
BUSINESS OFFICE/ METER READING	13	14
	183	199

Unit Sales & Cost Analysis

Electric				Gas				Water			
	Revenue per KWH	Cost per KWH	NET		Revenue per CCF	Cost per CCF	NET		Revenue per CCF	Cost per CCF	NET
Oct	\$ 0.0709	0.0868	(\$0.0159)	Oct	\$ 0.7301	1.5711	(\$0.8410)	Oct	\$ 2.6353	1.4274	\$1.2079
Nov	\$ 0.0744	0.0993	(\$0.0249)	Nov	\$ 0.8116	1.2051	(\$0.3935)	Nov	\$ 2.6296	1.8875	\$0.7420
Dec	\$ 0.0758	0.0950	(\$0.0192)	Dec	\$ 0.7542	1.0003	(\$0.2461)	Dec	\$ 2.6668	2.0263	\$0.6405
Jan	\$		\$0.0000	Jan	\$		\$0.0000	Jan	\$		\$0.0000
Feb	\$		\$0.0000	Feb	\$		\$0.0000	Feb	\$		\$0.0000
March	\$		\$0.0000	March	\$		\$0.0000	March	\$		\$0.0000
April	\$		\$0.0000	April	\$		\$0.0000	April	\$		\$0.0000
May	\$		\$0.0000	May	\$		\$0.0000	May	\$		\$0.0000
June	\$		\$0.0000	June	\$		\$0.0000	June	\$		\$0.0000
July	\$		\$0.0000	July	\$		\$0.0000	July	\$		\$0.0000
Aug	\$		\$0.0000	Aug	\$		\$0.0000	Aug	\$		\$0.0000
Sept	\$		\$0.0000	Sept	\$		\$0.0000	Sept	\$		\$0.0000

- NET is each month to date

Electric Production

COMPARATIVE STATEMENT OF PRODUCTION										
December 2021 and 2020 - Year to Date FY2022 and FY2021										
					No. Meters				No. Meters	
					In Service	December	Year to Date	Yr-Over-Yr	In Service	December
Electric Department K-W Hours					12/31/2021	2021	FY 2021-2022		12/31/2020	2020
										Year to Date
										FY 2020-2021
					10,724	7,166,069	20,516,959		10,680	7,716,169
					273	424,006	1,021,714		272	497,204
					356	322,711	826,860		350	388,467
					1,838	5,793,804	16,639,642		1,833	5,831,090
					217	1,317,426	3,533,049		209	1,206,129
					50	111,883	335,360		51	125,683
					33	225,554	534,629		32	205,364
					4	13,039	29,341		4	20,846
					38	17,208,520	52,075,250		37	18,472,890
					1	380	40,700		118	-
					1	175,162	487,548		1	191,099
					1	5,227	14,893		1	5,930
					86	228,198	715,735		86	234,622
					9	19,076	53,103		9	20,230
					10	5,214	15,642		10	5,214
					34	852,836	2,577,153		37	1,144,343
					13,675			-0.41%	13,731	
Total Retail Sales						33,869,105	99,417,578			36,065,280
Total Wholesale Sales						15,405,223	34,166,446			5,994,283
Total Sales						49,274,328	133,584,024			42,059,563
Gross Generation						37,920,940	112,931,220			38,248,410
Less Plant Power						3,894,139	11,121,127			3,828,496
Net Generation						34,026,801	101,810,093	12.0%		34,419,914
KWH Purchased (Excludes SPP)						17,042,743	34,112,687	9.3%		7,509,916
Total KWH						51,069,544	135,922,780			41,929,830
Unaccounted For/Unbilled						1,795,216	2,338,756			(129,733)
KWH Sold (Retail and Wholesale)						49,274,328	133,584,024	11.2%		42,059,563

- Wholesale Sales: Increase from Q1 FY2021 due to an increase in generation

Gas Production

COMPARATIVE STATEMENT OF PRODUCTION									
December 2021 and 2020 - Year to Date FY2022 and FY2021									
		No. Meters				No. Meters			
		In Service	December	Year to Date	Yr-Over-Yr	In Service	December	Year to Date	
Gas Department - CCF		12/31/2021	2021	FY 2021-2022		12/31/2020	2020	FY 2020-2021	
Residential - Hastings		9,381	711,229	1,264,736		9,370	806,915	1,549,587	
Residential - Rural		18	2,006	3,733		18	2,420	4,294	
Commercial - Hastings		1,208	302,874	527,897		1,217	369,301	659,974	
Commercial - Rural		40	18,683	150,956		37	16,221	61,432	
Industrial - Hastings		45	141,083	282,479		45	179,471	529,798	
Industrial - Rural		2	12,152	21,686		2	91,835	103,888	
Sales to Public Authorities		24	8,735	15,811		24	11,563	21,602	
Firm Transportation		14	231,680	640,177		13	189,651	415,486	
Interdepartmental		9	22,267	38,242		8	20,291	32,351	
Total		10,741	1,450,709	2,945,717	0.07%	10,734	1,687,668	3,378,412	
Gas Purchased			1,691,090	3,529,860			1,803,670	3,904,480	
Gas Manufactured			7,210	19,910			1,294	10,954	
Total CCF			1,698,300	3,549,770			1,804,964	3,915,434	
Unaccounted For/Unbilled			247,591	604,053			117,296	537,022	
CCF Sold			1,450,709	2,945,717	-14.69%		1,687,668	3,378,412	

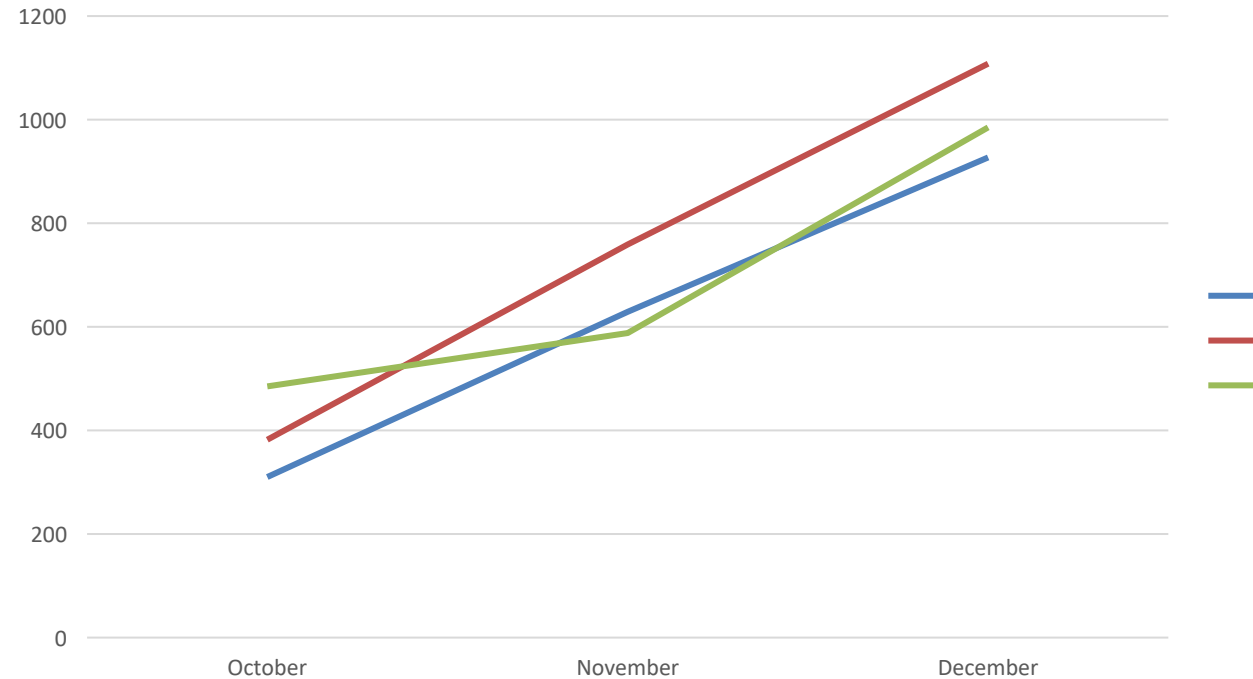
- Decrease in CCF's sold due a decrease in heating degree days in Q1 (Q1 FY22 was warmer than Q1 FY21)

Water Production

COMPARATIVE STATEMENT OF PRODUCTION										
December 2021 and 2020 - Year to Date FY2022 and FY2021										
					No. Meters				No. Meters	
					In Service	December	Year to Date		In Service	December
					12/31/2021	2021	FY 2021-2022	Yr-Over-Yr	12/31/2020	2020
										Year to Date
Water Department - CCF										FY 2020-2021
					8,667	46,694	227,409		8,688	45,776
					34	264	905		34	152
					5	36	88		5	36
					1,293	41,930	180,242		1,330	55,207
					32	413	1,807		32	465
					78	11,046	37,019		78	12,783
					5	16,731	46,850		5	14,192
					1	36,129	112,564		1	43,589
					69	150	8,834		69	264
					29	1,597	4,453		29	8,662
					10,213			-0.57%	10,271	
						154,990	620,171			181,126
						1,121	3,185			1,106
						156,111	623,356	-15.15%		182,232
						167,633	597,962			163,397
						682	1,502			150
						10,840	(26,896)			(18,985)
						156,111	623,356	-15.15%		182,232
										717,814

- Total retail CCF sales are slightly down in Q1 as there was adequate precipitation in Oct 2021 compared to Oct 2020, reducing yard watering in Oct 2021

Heating Degree Days



- First quarter was warmer than normal but the current FY and the previous FY trended similarly





Utility Board Meeting 2022

AMI Update

- Infrastructure is in place
- No legacy style meters are being used
- 6,600 of 36,000 reads are now automated
- AMI data is priority for system
- System will continue to get stronger



Utility Settings



AMI



Power Quality



Remote Disconnect



TRUPHUB™



Communications



DEVICE STATUS

Online

2022/04/08 16:40:57



ASSOCIATION

Associated

2022/03/11 22:03:46



SERVICE STATUS

In service

2022/03/11 21:55:15



CONFIGURATION STATE

Synced

2022/04/08 16:42:52



Utility Settings



ACCOUNT INFORMATION

Utility

City of

Hastings

Customer ID

[REDACTED]

Customer Name

[REDACTED]

Account Number

[REDACTED]

Premises

[REDACTED]

Service Location

CONTEXTUAL ADDRESS

Substation/Circuit/Phase

Lead Shed Group

Cycle

4

METER CONFIGURATION

kWh Value

Initial Count

Faceplate Display

kWh Adjustment

Current Rating

Voltage Rating

1.00

N/A

5 digits

N/A

200 A

240 V

TRANSFORMER SETTINGS

of Turns

CT Ratio

PT Ratio

Transformer Ratio

Meter Form

1:1

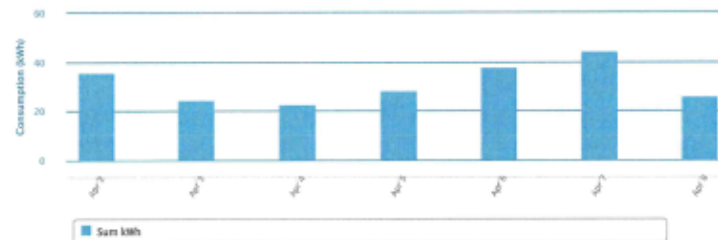
1:1

25

Consumption Graph



Daily Consumption


[View Full Graph](#)

Consumption Data Summary

Cumulative Energy

☐ Metered ☒ Serviced

Measured At 2022/04/08 16:00:00

Read At 2022/04/08 16:09:26

Voltage 248 V

Meter Reading Reliability 100%

Get Historic Readings

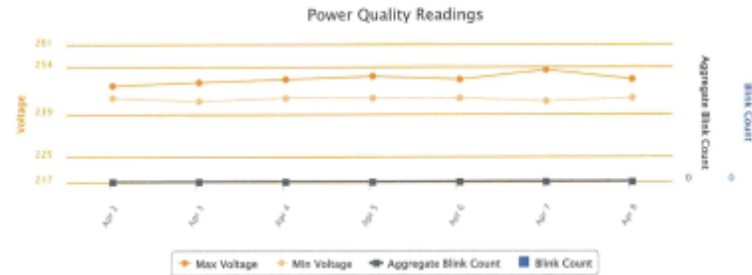
Refresh Readings

Instantaneous Demand

A demand request has never been made for this device - no data available

Get Update

Power Quality Readings



[View Full Graph](#)

Power Quality Data Summary

Min Voltage 246 V
Max Voltage 250 V
Blinks 0
Measured At 2022/04/08 13:00:00

Alarms and Events

Last Outage

No outage events in the event history of this meter

Last Sag

No voltage sag events in the event history of this meter

Last Swell

No voltage swell events in the event history of this meter

Active Alarms

Remote Disconnect Manager

Device Status Connected **Notifications** N/A
Since 2022/03/11 22:03:39
Last Reported
Switch Count N/A

Get Status

Send Service

Disconnect

Interval Length 1 hour

Requested Meter Measurements

- ☐ Delivered only - Delivered kWh
- ☒ Anti-theft - Sum kWh
(= delivered + received)*
- ☐ Bi-directional metering - Delivered, received and net
(= delivered - received)*

Alarm Configuration

POWER QUALITY SETTINGS

PQM Interval 6 hours

Qualification Period

Sag/Swell 15 secs

Voltage Threshold

Sag Voltage 225 V

Swell Voltage 254 V

OUTAGE SETTINGS

Reporting

☐ Disable power outages

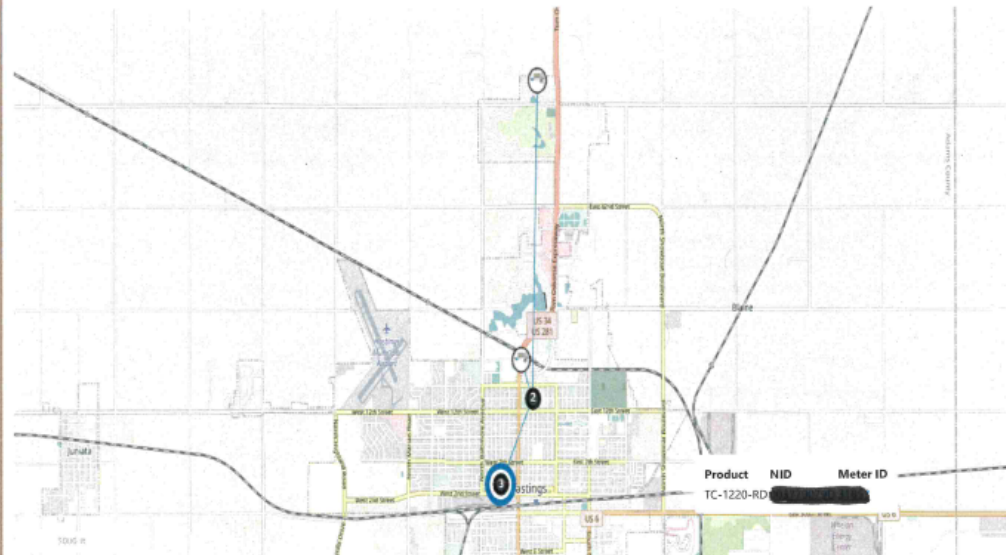
Qualification Period 10 seconds

CONSUMPTION ALARMS

LAN Hierarchy

☐ Show closest potential parents ☐ Show nearby not-communicating devices

Export KML



Legend

- RT-4101
- TC-1216
- TC-1220-RD
- XR-3100

LAN

TIMELINE

Registered 2022/03/11 21:55:15

HIERARCHY

Routing Depth 2

Children 0

WAN Controller [REDACTED]

WAN Device NID [REDACTED]

Parent NID [REDACTED]

Device Data

IDENTITY

Network ID [REDACTED]

Device ID [REDACTED]

Device Type TC-1220-RD

kWh MV-RS Channel ID [REDACTED]

COUNTERS

Resets 1

Power-ups 4

GEOLOCATION

Latitude [REDACTED]

Longitude [REDACTED]

Altitude 0 ft

REVISION

Hardware Revision 1.01

Firmware Revision 11.87

Association History

Date	Completed?	Lifespan	Parent NID	WAN NID	Valid?
2022/03/11 21:55:15	✓	27d 18h 36min	[REDACTED]	[REDACTED]	✓

Details for selected association:

ASSOCIATION

Started

2022/03/11 21:55:15

Completed

2022/03/11 22:03:46

Lifespan

27d 18h 36min

Valid

✓

SIGNAL QUALITY

Downstream

254

Packet Count

10

ROUTING

Routing Depth

2

Routing Path

[REDACTED]
[REDACTED]





Utility Board Meeting 2022

Compliance Manager Position

- Help support and Maintain SCADA (Supervisory Control and Data Acquisition)
- Ensure compliance and adherence with North American Electric Reliability Corporation (NERC) Critical Infrastructure Protection (CIP) reliability standards and regulatory requirements.
- Overall Utility Security Program

NERC Responsibilities

- North American Electric Reliability Corporation (NERC)
 - All bulk power system owners, operators, and users must comply with NERC-approved Reliability Standards
- Critical Infrastructure Protection (CIP)
 - The North American Electric Reliability Corporation Critical Infrastructure Protection (NERC CIP) plan is a set of standards aimed at regulating, enforcing, monitoring and managing the security of the Bulk Electric System (BES) in North America
 - Required to have a CIP Senior Manager
 - Was with I.T., temporarily in Engineering

NERC CIP essentials

Critical Infrastructure

Asset Classification

Cybersecurity Policies

Electronic Access Controls

Physical Access Controls

Visitor Control Program

Cybersecurity Risks

Cybersecurity Incident Identification-Notification

Cybersecurity Incident Response

Bulk Electric System Recovery Plans

Configuration Management and Monitoring

Bulk Electric System Cyber System Information
Protection

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- Help Support and Maintain SCADA (Supervisory Control and Data Acquisition)
 - SCADA Monitors and Controls:
 - Water
 - Wells, system pressure, monitoring
 - Electric
 - Breakers, control signals, metering, city load
 - Gas
 - Pressure, alarms, metering
 - Sewer
 - Alarms, lift station levels

- Position will have a Utilities Focus
- I.T. will support through network and software needs, cyber security requirements, etc.
- Engineering support through SCADA logic, System testing, Transmission monitoring, etc.
- Numerous Utility SME (Subject Matter Experts) support through specific policies

