Pascoag Electric • Pascoag Water

253 Pascoag Main Street P.O. Box 107 Pascoag, RI 02859 Phone: 401-568-6222 Fax: 401-568-0066

www.pud-ri.org

November 20, 2018

Ms. Luly Massaro Clerk of the Commission 89 Jefferson Boulevard Warwick, RI 02888

Re: Pascoag Utility District's Responses to Commission's First Set of Date Request in Docket No. 4895

Dear Ms. Massaro:

On behalf of the Pascoag Utility District ("Pascoag" or the "District"), I herewith file an original and nine copies of Pascoag's Answers to the Commission's first set of data request directed to Pascoag Utility District.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Harle Round

Manger of Finance and Customer Service

Cc: Mr. John Harrington, RIPUC Senior Legal Counsel

Cc: Mr. William Bernstein, Esquire

# STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS PUBLIC UTILITIES COMMISSION

IN RE: PASCOAG UTILITY DISTRICT :

STANDARD OFFER SERVICE : DOCKET NO. 4895

# PUBLIC UTILITIES COMMISSION'S FIRST SET OF DATA REQUESTS DIRECTED TO PASCOAG UTILITY DISTRICT (Issued November 16, 2018)

(Responses due November 26, 2018)

- 1-1. Please provide responses to the following:
  - a. What is the amount of legal expenses that Pascoag currently has in its base rates? Response (HJR): The amount of legal expenses that Pascoag currently has in base rate is \$19,500.
  - b. How does Pascoag propose to "isolate legal expenses that are related to power supply matters?"
     Response (HJR): The District would propose to isolate the legal expenses by creating a GL Account # 555.50 to track legal expenses related to Purchase Power and create a GL Account # 565.50 to track legal expenses related to Transmission. Those charges would

also be added as line items to Purchase Power and Transmission expenses on Schedule A.

- c. Please further define "related to power supply matters."

  Response (MRK): Pascoag would define "related to power supply matters" as those legal expenses that are incurred to specifically address power or transmission contract negotiations, interventions and pleadings at FERC or otherwise related to the ISO-New England in particular or the wholesale power markets in general, and such other power or transmission matters related to our Standard Offer and Transmission expenses incurred on behalf of our customers as we seek to provide a cost-effective and environmentally efficient power supply.
- d. Explain how legal expenses would be funded as a fixed cost component in future purchased power or transmission reconciliations. Response (HJR): The District proposes that because the legal fees vary from year to year that we would not forecast the legal fees but would track them on Schedule A, under either purchase power legal expenses or under transmission (related to purchased power) legal expenses. We then propose to reconcile the amounts to the Purchase Power and Transmission charges in the Year-End Status report.
- e. Please provide the cost for each calendar year 2013 through 2018 to date for legal fees not related to power supply matters.

  Response (HJR): The cost per year are broken out in the table below and I have attached a spreadsheet with the Non-Power Supply Legal Expenses with this submission. Please see attachment 1-1e Non-Power Supply Legal Exp.

Year	Non-Power Supply Legal Fees
2013	\$30,392.50
2014	\$15,402.00
2015	\$22,008.00
2016	\$20,067.35
2017	\$24,362.00
2018	\$18,202.00
<b>Grand Total</b>	\$130,433.85

- 1-2. On page 3 of Ms. Round's testimony, it appears Pascoag flowed \$221,685.53 back to customers through the Purchase Power Refund Credit and on page 7 of Ms. Round's testimony, it appears the figure is \$266,167. Please reconcile these two amounts. Please also update any relevant schedules as necessary.
  - Response (HJR): The 2018 approved Purchase Power Restricted Fund "PPRFC" is \$266,167 which appears on page 7 of my testimony. As of October of 2018, the District has flowed back \$221,685.53 of the \$266,167. There are two months left to bill in 2018. The amount that will be flowed back to the customers in November and December will not be available until the billing is completed. This information will be provided to the Division though the monthly updates.
- 1-3. Please update Schedule 3 of HJR-3 to include actuals for October 2018.

  Response (HJR): The Schedules in HJR-3 have been updated to include actuals for October and November. The Demand on DPI's three accounts have been estimated for December of 2018 and January December of 2019. The work sheets are attached with this filing attachment 1-3 PPRFC. The District is proposing a flow back of \$161,079, in 2019. Schedule H and H-1 have been updated to reflect this new amount. The requested rate for January 1, 2019 will be a 2.91 mills per kilowatt hour reduction (\$0.00291).
- 1-4. With regard to Table #2 on page 3 of Ms. Round's testimony, please indicate what the capital purchases were each month and provide a brief description of why they were needed.
  - Response (HJR): A spread sheet has been attached with this filing indicating the capital purchases each month, through November 19, 2018, along with a brief description of why they were needed. Please see attachment 1-4 Capital Assets.
- 1-5. Please update Table #4 on page 5 of Ms. Round's direct testimony with actuals for October, 2018.
  - Response (HJR): I am unable to update table 4 on page 5 of my testimony at this time. As stated in A5 on page 8 of Harle Round's testimony, the October power invoices should be received by November 30, 2018. The District will provide an Addendum filing incorporating the actual expenses for October in Schedules A-H and submit the Addendum filing by December 4, 2018 along with the District's final proposed rates.

- 1-6. Explain why Pascoag is using a three-year average for January-October and a two-year average for November and December plus the actual consumption from 2016 and 2017 to estimate sales for 2019.
  Response (HJR): The District uses an actual 3-year average for January through October which includes 2016, 2017, 2018; whereas for November and December we do not have the MW hour sales for 2018, so we used a 2-year average of years 2016, and 2017. We find by using this methodology we smooth out any anomalies in the weather.
- 1-7. In Ms. Round's testimony on page 8, she states that she has used actual sales for the period January 2018 through September 2018. Please explain why it appears Pascoag is using a three-year average for January-August 2018 and October of 2018 and a two-year average for is September, November and December 2018 on Schedule 2 lines 109 and 110 for Actual Sales Previous Period. Also indicate what footnote (5) represents on line 114, Estimated Sales (5). Why is Pascoag using a forecast of purchased power costs for January September of 2018 instead of actuals on Schedule F-2?

  Response (HJR): The actual sales are from January October 2018. The label on Schedule F-2 Line 110K has been updated to reflect a 3- year average in September. Foot note (5) on line 114 is the estimated sales for 2019 including the anticipated growth positive/ (negative). The label on F-2-line 68C-68N and line 109C-109N have been corrected from 2018 to 2019. Hopefully this will clear up the confusion. Please see attachment 1-7 corrections to F-2.
- 1-8. Referencing Schedule F2, Line 71, and Schedule C-3, Line 162, should the forecasted Transition cost for 2019 be \$132,000 or \$117,549? Please explain the increase from \$9,000 in 2018 to the projection of \$132,000 in 2019.

  Response (HJR): Referencing Schedule F-2, the District has updated the cumulative carry over to reflect the anticipated over collection for 2018 to Schedule C-3 line 183G. The cost for 2019 is \$132,000 less the anticipated over collection of \$42,982 which will reduce the cost to customers to \$89,018 in 2019.

The cost increased from \$9,000 in 2018 to \$132,000 in 2019. This information was taken from the 2017 Financial Statements on page 36 and 37. A copy of Pages 36 & 37 are attached with this filing and go into the details of the aggregate amount of Pascoag Utility District's required payments under the PSAs and PPAs, exclusive to the Reserve and Contingency Fund billings to MMWEC. Please see attachment 1-8.

1-9. Please provide consumption by rate class for the last 3 calendar years.

Response (HJR): Please see the Tables below. The first table is for 3 complete years and the second table is for January through October of 2018.

Rate Class	2017 KWH	2016 KWH	2015 KWH
Residential	31,476,866	31,986,917	31,990,409
Commercial	3,375,317	3,583,006	3,385,529
Industrial	19,848,600	21,193,863	20,588,465

Rate Class	Though October 2018
Residential	28,621,146
Commercial	2,840,772
Industrial	15,818,208

1-10. Please explain what contributed to the reduction of interruptible kWh from NYPA entitlements this year.

Response (MRK): During the extension of the St. Lawrence agreement beginning in May of 2017, Rhode Island's entitlement in St. Lawrence was reduced from 1,600 kW to 1,000 kW, due to Allegheny Electric Cooperative Inc. of Pennsylvania retaining the 600 kW it had previously reallocated to Rhode Island during the hydropower relicensing process in 2003. Such reduction in the Rhode Island percentage of the facility's nameplate rating has a direct bearing on allocation of interruptible kWh. Also, interruptible kWh will vary from year to year based on projected and realized water flows at the Niagara and St. Lawrence hydro facilities.

Please explain Pascoag's policy and improvements to its collection efforts? Response (HJR): Pascoag's Policy for disconnection are as follows. (1) One day after the bill is due shut off notices are sent giving the customer 10 days to pay or make arrangements. During the moratorium the accounts must be over \$200/\$500 for electric/electric heat. During the summer months anyone with a balance of over \$50 is noticed. (2) Two days before the disconnections, automated phone calls go out to customer on the disconnection list. (3) The day before the disconnection the customer service team reaches out with phone calls, emails and visitations to customers who are new to the disconnection list. In 2016, the District hit a peak of \$53,514 due to a high number of foreclosures and people just walking away from their homes. We also had several bankruptcies and several Infant Protected customers who left the District once their child reached the age of two. The District's customer service department works very hard to keep the write offs at a minimum. They encourage struggling families to reach out to the various agencies for help by providing them with a list of the agencies and their contact information. The customer service department also keeps detailed records and seek permission from the RIPUC to disconnect the protected classes before their balance become too high.

### 1-12. Please provide all worksheets/workpapers in excel.

The following worksheets/paperwork in excel attached in this filing.

- 1-1e Non -Power Supply Legal 2013-current.xlsx
- 1-3 PPRFC and DPI Demand Estimated Flow Back 2019.xlsx
- 1-4 Capital Assets.xlsx
- Schedule A-H Rev1.xlsx

# Non-Power Suppy Legal Expenses 2013-2018

Date	Account Desc	An	nount	Vendor Name
1/29/2013	Outside Services -Legal	\$	3,740.00	BERNSTEIN, WILLIAM
3/1/2013	Outside Services -Legal	\$	1,237.50	ST. PETER & KASLE INCORPORATED
3/7/2013	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
3/29/2013	Outside Services -Legal	\$	168.75	ST. PETER & KASLE INCORPORATED
3/31/2013	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
4/29/2013	Outside Services -Legal	\$	1,687.50	ST. PETER & KASLE INCORPORATED
4/30/2013	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
6/27/2013	Outside Services -Legal	\$	2,822.00	BERNSTEIN, WILLIAM
7/31/2013	Outside Services -Legal	\$	1,713.50	BERNSTEIN, WILLIAM
9/9/2013	Outside Services -Legal	\$	1,462.00	BERNSTEIN, WILLIAM
9/30/2013	Outside Services -Legal	\$	4,891.00	FREEDOM BANK
10/30/2013	Outside Services -Legal	\$	2,295.00	BERNSTEIN, WILLIAM
11/1/2013	Outside Services -Legal	\$	56.25	ST. PETER & KASLE INCORPORATED
11/26/2013	Outside Services -Legal	\$	2,261.00	BERNSTEIN, WILLIAM
12/16/2013	Outside Services -Legal	\$	2,958.00	BERNSTEIN, WILLIAM
2013 Total	NON-Power Supply	\$	30,392.50	
3/25/2014	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
3/25/2014	Outside Services -Legal	\$	1,156.00	BERNSTEIN, WILLIAM
5/1/2014	Outside Services -Legal	\$	1,819.00	BERNSTEIN, WILLIAM
5/28/2014	Outside Services -Legal	\$	884.00	BERNSTEIN, WILLIAM
6/26/2014	Outside Services -Legal	\$	2,040.00	BERNSTEIN, WILLIAM
7/30/2014	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
10/28/2014	Outside Services -Legal	\$	2,006.00	BERNSTEIN, WILLIAM
12/15/2014	Outside Services -Legal	\$	4,097.00	BERNSTEIN, WILLIAM
2014 Total	NON-Power Supply	\$	15,402.00	
2/5/2015	Outside Services -Legal	\$	1,734.00	BERNSTEIN, WILLIAM
3/31/2015	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
3/31/2015	Outside Services -Legal	\$	281.25	JEFFREY W. KASLE, ESQ
4/10/2015	Outside Services -Legal	\$	1,751.00	BERNSTEIN, WILLIAM
4/30/2015	Outside Services -Legal	\$	1,687.50	JEFFREY W. KASLE, ESQ
5/20/2015	Outside Services -Legal	\$	2,448.00	BERNSTEIN, WILLIAM
7/1/2015	Outside Services -Legal	\$	56.25	JEFFREY W. KASLE, ESQ
7/6/2015	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
7/30/2015	Outside Services -Legal	\$	168.75	JEFFREY W. KASLE, ESQ
8/31/2015	Outside Services -Legal	\$	56.25	JEFFREY W. KASLE, ESQ
9/29/2015	Outside Services -Legal	\$	816.00	BERNSTEIN, WILLIAM
10/1/2015	Outside Services -Legal	\$	5,984.00	BERNSTEIN, WILLIAM
10/1/2015	Outside Services -Legal	\$	56.25	JEFFREY W. KASLE, ESQ
10/2/2015	Outside Services -Legal	\$	112.50	JEFFREY W. KASLE, ESQ
10/31/2015	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM
11/24/2015	Outside Services -Legal	\$	1,700.00	BERNSTEIN, WILLIAM

# Non-Power Suppy Legal Expenses 2013-2018

	Hon I owen su	PPY	rcgai ry	PC113C3 2013-2010
12/1/2015	Outside Services -Legal	\$	56.25	JEFFREY W. KASLE, ESQ
2015 Total	NON-Power Supply	\$	22,008.00	•
1/1/2016	<b>Outside Services -Legal</b>	\$	337.50	JEFFREY W. KASLE, ESQ
1/27/2016	Outside Services -Legal	\$	1,938.00	BERNSTEIN, WILLIAM
2/1/2016	<b>Outside Services -Legal</b>	\$	56.25	JEFFREY W. KASLE, ESQ
2/9/2016	<b>Outside Services -Legal</b>	\$	561.00	BERNSTEIN, WILLIAM
3/1/2016	<b>Outside Services -Legal</b>	\$	225.00	JEFFREY W. KASLE, ESQ
3/3/2016	<b>Outside Services -Legal</b>	\$	1,900.60	BERNSTEIN, WILLIAM
4/1/2016	<b>Outside Services -Legal</b>	\$	56.25	JEFFREY W. KASLE, ESQ
4/4/2016	<b>Outside Services -Legal</b>	\$	799.00	BERNSTEIN, WILLIAM
5/1/2016	<b>Outside Services -Legal</b>	\$	56.25	JEFFREY W. KASLE, ESQ
5/3/2016	<b>Outside Services -Legal</b>	\$	850.00	BERNSTEIN, WILLIAM
5/31/2016	<b>Outside Services -Legal</b>	\$	225.00	JEFFREY W. KASLE, ESQ
6/1/2016	<b>Outside Services -Legal</b>	\$	2,100.00	GIDLEY, SARLI & MARUSAK LLP
6/8/2016	<b>Outside Services -Legal</b>	\$	646.00	BERNSTEIN, WILLIAM
6/30/2016	<b>Outside Services -Legal</b>	\$	714.00	BERNSTEIN, WILLIAM
6/30/2016	<b>Outside Services -Legal</b>	\$	225.00	JEFFREY W. KASLE, ESQ
7/30/2016	<b>Outside Services -Legal</b>	\$	1,190.00	BERNSTEIN, WILLIAM
7/31/2016	<b>Outside Services -Legal</b>	\$	56.25	JEFFREY W. KASLE, ESQ
8/30/2016	<b>Outside Services -Legal</b>	\$	1,190.00	BERNSTEIN, WILLIAM
9/30/2016	<b>Outside Services -Legal</b>	\$	1,309.00	BERNSTEIN, WILLIAM
10/28/2016	<b>Outside Services -Legal</b>	\$	56.25	JEFFREY W. KASLE, ESQ
10/30/2016	<b>Outside Services -Legal</b>	\$	1,615.00	BERNSTEIN, WILLIAM
11/30/2016	<b>Outside Services -Legal</b>	\$	1,989.00	BERNSTEIN, WILLIAM
12/30/2016	<b>Outside Services -Legal</b>	\$	1,972.00	BERNSTEIN, WILLIAM
2016 Total	NON-Power Supply	\$	20,067.35	
1/1/2017	<b>Outside Services -Legal</b>	\$	1,870.00	BERNSTEIN, WILLIAM
2/23/2017	<b>Outside Services -Legal</b>	\$	1,258.00	BERNSTEIN, WILLIAM
3/29/2017	<b>Outside Services -Legal</b>	\$	100.00	BERNSTEIN, WILLIAM
3/29/2017	<b>Outside Services -Legal</b>	\$	85.00	BERNSTEIN, WILLIAM
3/31/2017	<b>Outside Services -Legal</b>	\$	2,516.00	BERNSTEIN, WILLIAM
4/25/2017	<b>Outside Services -Legal</b>	\$	2,978.00	BERNSTEIN, WILLIAM
5/30/2017	<b>Outside Services -Legal</b>	\$	2,295.00	BERNSTEIN, WILLIAM
6/30/2017	<b>Outside Services -Legal</b>	\$	2,040.00	BERNSTEIN, WILLIAM
7/30/2017	<b>Outside Services -Legal</b>	\$	1,700.00	BERNSTEIN, WILLIAM
8/31/2017	<b>Outside Services -Legal</b>	\$	1,649.00	BERNSTEIN, WILLIAM
9/29/2017	Outside Services -Legal	\$	1,020.00	BERNSTEIN, WILLIAM
10/31/2017	Outside Services -Legal	\$	2,210.00	BERNSTEIN, WILLIAM
11/29/2017	Outside Services -Legal	\$	1,462.00	BERNSTEIN, WILLIAM
12/24/2017	Outside Services -Legal	\$	3,179.00	BERNSTEIN, WILLIAM
2017 Total	NON-Power Supply	\$	24,362.00	-
1/30/2018	<b>Outside Services -Legal</b>	\$	1,870.00	BERNSTEIN, WILLIAM

# Non-Power Suppy Legal Expenses 2013-2018

2018 Total	NON-Power Supply	\$ 18,202.00	<del>-</del>
10/23/2018	Outside Services -Legal	\$ 112.50	JEFFREY W. KASLE, ESQ
9/1/2018	Outside Services -Legal	\$ 1,904.00	BERNSTEIN, WILLIAM
8/31/2018	Outside Services -Legal	\$ 2,125.00	BERNSTEIN, WILLIAM
7/31/2018	Outside Services -Legal	\$ 1,904.00	BERNSTEIN, WILLIAM
6/25/2018	Outside Services -Legal	\$ 1,900.00	BERNSTEIN, WILLIAM
5/30/2018	Outside Services -Legal	\$ 675.00	JEFFREY W. KASLE, ESQ
5/30/2018	Outside Services -Legal	\$ 1,955.00	BERNSTEIN, WILLIAM
5/8/2018	Outside Services -Legal	\$ 112.50	JEFFREY W. KASLE, ESQ
4/30/2018	Outside Services -Legal	\$ 2,125.00	BERNSTEIN, WILLIAM
3/30/2018	Outside Services -Legal	\$ 1,904.00	BERNSTEIN, WILLIAM
2/28/2018	Outside Services -Legal	\$ 1,615.00	BERNSTEIN, WILLIAM

Grand Total : NON-Power Supply \$ 130,433.85

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# DPI Estimated Overcollection and flow Back for 2019

Purchase Power Bank Account Balance November 2018 Estimated Deposit for December PPRF withdrawal for December Estimated Bank Balance at 12-31-18 Allowable Balance	\$578,802.24 \$ 13,007.25 \$ (22,180.58) \$569,628.91
Estimated over-collection at the end of 2018 Estimated DPI Overcollection Act # 10524001 Estimated DPI Overcollection Act # 10524003 Estimated Overcollection DPI Act #10686001 Estimated Flow Back for 2019	\$19,628.91 \$70,798.80 \$55,320.48 \$15,330.72 \$161,078.91
Suggested Flow Back for 2019	\$ 161,079

1-3 PPRFC Page 2017

Consumption	hibrishdeld.						AND RESIDENCE OF STREET	CONTRACTOR OF	De Residente de la companya de la c	Alew	March Street, Street, and	-
Billing Period	Cycle	Adj	Pres Rdg Dt	Pres Rdg Ti	Account	Reading KW	Dillad 1011					100
Nov 2018	1		10/29/2018		10524001	504.000	Billed KW	Provider	Ser A	Mtr Pos	Mete	D
Oct 2018	1		09/26/2018	12:00am	10524001			D EPUD	ELEC	1	E5125	-
Sep 2018	1		08/29/2018	12:00am	10524001	49.680		D EPUD	ELEC	1	E5125	
Aug 2018	1		07/30/2018	12:00am	10524001	496.800	626.40		ELEC	1	E5125	
Jul 2018	1		06/27/2018	12:00am	10524001	511,200	626.40	EPUD	ELEC	1	E5125	
Jun 2018	1		05/25/2018	12:00am	10524001	626.400	626.40	EPUD	ELEC	1	E5125	
May 2018	1		04/26/2018	12:00am	10524001	612.000	626.40	EPUD	ELEC		E5125	
Apr 2018	1		03/27/2018	12:00am	10524001	576.000	626.40	EPUD .	ELEC		E5125	
Mar 2018	1		02/26/2018	12:00am		453.600	626.40	EPUD	ELEC		E5125	
eb 2018	1		01/26/2018	12:00am	10524001	453.600	626.400	EPUD	ELEC		E5125	
lan 2018	1		12/26/2017	12:00am	10524001	511.200	626.400	EPUD	ELEC		E5125	
Dec 2017	1		11/27/2017	12:00am	10524001	511.200	626.400	EPUD	ELEC		E5125	
Vov 2017	1		10/27/2017		10524001	576.000	626.400	EPUD	ELEC		E5125	
Oct 2017	1		09/26/2017	12:00am	10524001	590.400	669.600	EPUD	ELEC	1		
	10		03/20/2017	12:00am	10524001	604.800	669.600		ELEC	1	E5125	

Month/Year	Estimated Demand	demand x Rate	\$10.25	Customer Char	re \$112.75	Teste	
Dec-18	626.4	\$	6,420.60	\$	112.75	Tota \$	6,533,35
Month/Year	Estimated Demand	demand x Rate	Ć10.2F			7	0,333.33
19-Jan	626.40			Customer Charg	ge \$112.75	Tota	
19-Feb	626.40	Y.	6,420.60	\$	112.75	\$	6,533.35
19-Mar	626.40	7	6,420.60	\$	112.75	\$	6,533.35
19-Apr	1,000,000,100,100,100,100,100,100,100,1	~	6,420.60	\$	112.75	\$	6,533.35
19-May	626.40	\$	6,420.60	\$	112.75	Ś	6,533.35
19-Jun	626.40	2	6,420.60	\$	112.75	Ś	6,533.35
19-Jul	626.40		6,420.60	\$	112.75	Š	6,533.35
19-Aug	511.20	\$	5,239.80	\$	112.75	Š	5,352.55
19-Sep	504.00	\$	5,166.00	\$	112.75	Š	5,278.75
19-Oct	504.00	\$	5,166.00	\$	112.75	č	5,278.75
19-Nov	504.00	\$	5,166.00	\$	112.75	ć	
19-Nov	496.80	\$	5,092.20	Ś	112.75	, ,	5,278.75
13-Dec	496.80	\$	5,092.20	\$	112.75	\$	5,204.95 5,204.95

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c	History			Custon	EI COTTEUR COU	HECCER CRECOMET	PIOVIDE	II CHOILES	VIEW (	CHORE	
Consumption  Billing Period		Pres Rdg Dt	Pres Rdg Ti	Account	Reading KW	Billed KW	Provider	Ser A	Mtr Pos	Mete	
Nov 2018	1	10/29/2018	12:00am	10524003	381.600	496.000	EPUD	ELEC	1	E1096	
Oct 2018	1	09/26/2018	12:00am	10524003	401.120	496.000	EPUD	ELEC	1	E1096	
Sep 2018	1	08/29/2018	12:00am	10524003	408.800	505.600	EPUD	ELEC	1	E1096	
Aug 2018	1	07/30/2018	12:00am	10524003	444.800	547.200	EPUD	ELEC	1	E1096	
Jul 2018	1	06/27/2018	12:00am	10524003	477.600	583.200	EPUD	ELEC	1	E1096	
Jun 2018	1	05/25/2018	12:00am	10524003	473.600	583.200	EPUD	ELEC	1	E1096	
May 2018	1	04/26/2018	12:00am	10524003	434.400	583.200	EPUD	ELEC	1	E1096	
Apr 2018	1	03/27/2018	12:00am	10524003	431.200	583.200	EPUD	ELEC	1	E1096	
Mar 2018	1	02/26/2018	12:00am	10524003	424.000	583.200	EPUD	ELEC	1	E1096	
Feb 2018	1	01/26/2018	12:00am	10524003	410.400	583.200	EPUD	ELEC	1	E1096	
Jan 2018	1	12/26/2017	12:00am	10524003	448.000	583.200	EPUD	ELEC	1	E1096	
Dec 2017	1	11/27/2017	12:00am	10524003	496.000	583,200	EPUD	ELEC	1	E1096	
Nov 2017	1	10/27/2017	12:00am	10524003	479.200	583.200	EPUD	ELEC	1	E1096	
Oct 2017	1	09/26/2017	12:00am	10524003	505.600	612.800	EPUD	ELEC	1	E1096	

Month/Year	Estimated Demand	demand x Rate \$10.25	Customer Charge \$112.75	Total
18-Dec	477.6	\$4,895.40	\$ 112.75	\$ 5,008.15

Month/Year	Estimated Demand	demand x Rate \$10.25	Customer Charg	e \$112.75	Total
19-Jan	477.60	\$4,895.40	\$	112.75	\$ 5,008.15
19-Feb	477.60	\$4,895.40	\$	112.75	\$ 5,008.15
19-Mar	477.60	\$4,895.40	\$	112.75	\$ 5,008.15
19-Apr	477.60	\$4,895.40	\$	112.75	\$ 5,008.15
19-May	477.60	\$4,895.40	\$	112.75	\$ 5,008.15
19-Jun	477.60	\$4,895.40	\$	112.75	\$ 5,008.15
19-Jul	444.80	\$4,559.20	\$	112.75	\$ 4,671.95
19-Aug	408.80	\$4,190.20	\$	112.75	\$ 4,302.95
19-Sep	401.12	\$4,111.48	\$	112.75	\$ 4,224.23
19-Oct	381.60	\$3,911,40	\$	112.75	\$ 4,024.15
19-Nov	381.60	\$3,911.40	\$	112.75	\$ 4,024.15
19-Dec	381.60	\$3,911.40	\$	112.75	\$ 4,024.15
					\$55,320.48

1-3 PPRFC Page 4 97

Billing Period	Oude					mer Current Con			<b>州(12)</b> (第5][[1]	MISCAND DE SERVICIO		Manual Property
Nov 2018	Cycle	Adj	The stag of	Pres Rdg Ti	Account	Reading KW	Billed KW	AL NO ZONE PARK				
Oct 2018			10/29/2018	12:00am	10686001	38.800	Dilleu KVV	-	Provider	Ser A	Mtr Pos	Met
Sep 2018	1		09/26/2018		10686001	81.840		132.000		ELEC	1	E99
Aug 2018			08/29/2018		10626001	98.400		132.800		ELEC	1	E99:
Jul 2018			07/30/2018		10686001	132.000		138.400		ELEC	1	E99:
Jun 2018	, 1		06/27/2018	12:00am	10686001	120.800		138.400		ELEC	1	E99:
May 2018	1 1		05/25/2018	12:00am	10686001	119.200		138.400	1000	ELEC	1	E992
Apr 2018	1		04/26/2018	12:00am	10686001	111.200		138.400	and the second second	ELEC	1	E992
Mar 2018	1		03/27/2018	12:00am	10686001	110.400				ELEC	1	E992
Feb 2018	1		02/26/2018	12:00am	10686001			138.400	EPUD	ELEC		E992
Jan 2018	1		01/26/2018	12:00am	10686001	116.000			EPUD	ELEC	1	E992
Dec 2017			12/26/2017	12:00am	10686001	116.800			EPUD	ELEC	1	E992
Nov 2017	1		11/27/2017	12:00am	10686001	115.200			EPUD	ELEC	1	E992
Oct 2017	1		10/27/2017	12:00am	10686001	124.000			EPUD	ELEC	1	E992
	1		09/26/2017	12:00am	10686001	132.800			EPUD	ELEC	1	E992
					*******	138.400		138.400	EPUD	ELEC	,	E992
											-	L3321

Month/Year	Estimated Demand de	mand x Rate \$10.25	Customer Charge \$112.75	
18-Dec	132	\$1,353.00		Total
		7-7	\$ 112.75	\$ 1.46E.7E

Month/Year	Estimated Demand	demand x Rate \$10.25		-		
19-Jan	132.00	The second liverage with the second liverage w	Customer Charge	\$112.75	To	tal
19-Feb 19-Mar 19-Apr 19-May 19-Jun 19-Jul 19-Aug 19-Sep 19-Oct 19-Nov 19-Dec	132.00 132.00 132.00 132.00 132.00 132.00 98.40 88.80 88.80 81.84	\$1,353.00 \$1,353.00 \$1,353.00 \$1,353.00 \$1,353.00 \$1,353.00 \$1,353.00 \$1,008.60 \$ 910.20 \$ 910.20 \$ 838.86 \$ 838.86	* * * * * * * * * * * * *	112.75 112.75 112.75 112.75 112.75 112.75 112.75 112.75 112.75 112.75 112.75 112.75 112.75 112.75	* * * * * * * * * * * * * * *	1,465.75 1,465.75 1,465.75 1,465.75 1,465.75 1,465.75 1,465.75 1,121.35 1,022.95 1,022.95 951.61 951.61

1-3 PPRFC

Proposed Purchase Power Restricted Fund Credit ("PPRFC")

If approved by Division the District proposes to flow back \$161,079 of the overcollection back to customers through a PPRFC of 2.91 mills per kilowatt hour reduction (\$0.00291)

Date	Transfer	Balance to refund \$161,079.00
1/1/2019	\$13,423.25	\$147,655.75
2/1/2019	\$13,423.25	\$134,232.50
3/1/2019	\$13,423.25	\$120,809.25
4/1/2019	\$13,423.25	\$107,386.00
5/1/2019	\$13,423.25	\$93,962.75
6/1/2019	\$13,423.25	\$80,539.50
7/1/2019	\$13,423.25	\$67,116.25
8/1/2019	\$13,423.25	\$53,693.00
9/1/2019	\$13,423.25	\$40,269.75
10/1/2019	\$13,423.25	\$26,846.50
11/1/2019	\$13,423.25	\$13,423.25
12/1/2019	\$13,423.25	\$0.00
Total \$ Transferred	\$161,079.00	

Journal Entry to Record:

	Debit	Credit
Operating Cash	\$13,423.25	
PPRF		\$13,423.25

If approved by the RIPUC, this entry would be done once a month to transfer money equal to the PPRFC received by the electric customers through their monthly bills.

**Testimony Exhibt 3** 

Pascoag Utility District - Electric Department Comparison of Current Rate vs. Proposed Rate Impact on a 500 KilowattHour Residential Customer

	Ap	prov	Column 1 Approved Rate December 2017 (For 2018)		ä	Column 2 Rate Requested December 2018 (For 2019)	2018 (For 2019)
Un Customer Charge	Unit Cost	Total \$	al 6.00	Customer Charge	Unit Cost	<u>Total</u> \$ 6.00	
Distribution \$	\$ 0.03922	₩.	19.61	Distribution	\$ 0.03922	\$ 19.61	
Transition \$	\$ 0.00040	\$	0.20	Transition	\$ 0.00161	\$ 0.81	
Standard Offer \$	\$ 0.07166	\$	35.83	Standard Offer	\$ 0.07827	\$ 39.13	
Transmission \$	\$ 0.02973	4	14.87	Transmission	\$ 0.03192	\$ 15.96	
DSM/ Renewables \$ 0.00230	0.00230	₩.	1.15	DSM/Renewables	\$ 0.00230	\$ 1.15	
PPRFC \$	\$ (0.00469) \$	₩.	(2.35)	PPRFC	\$ (0.00291) \$	\$ (1.46)	
Total			75.31	Total		\$ 81.20	
Net Increase/(Decrease)	,e)	₩.	2.01	Net Increase/(Decrease)	ease)	\$ 5.89	
Percent Increase/(Decrease)	rease)		2.3%	Percent Increase/(Decrease)	Decrease)	7.8%	
Transition \$ SOS \$ PPRFC \$ Transmission \$	\$ 0.00040 \$ 0.07166 \$ (0.00469) \$ 0.02973 \$ 0.09710			Transition SOS PPRFC Transmission Total	\$ 0.00161 \$ 0.07827 \$ (0.00291) \$ 0.03192 0.10888	<u> </u>	horrease/(decrease \$ 0.00121 \$ 0.00661 \$ 0.00178 \$ 0.00219 \$



#### Schedule H

#### Forecast Rates

Transition Cost Calculations:					
Estimated Sales (MWH) to customers			55,268	See Schedule F-2, Line 1	14
F			33,200	see schedule F-2, Line 1	14
Forecast Transition Cost			\$132,000	See Schedule F-2, line 70	,
Historic Transistion Revenue			(\$66,433		,
Historic Transition Expense			\$ 9,000	. THE T	55 o
Carry over from prior period (12/31/2017)			\$14,451		o 63
	Total		\$89,018	The state of the s	02
Cost Per MWH					
COST LEI MANN		;	1.61	Transition Charge	
Transmission Cost Calculations:				-	
Estimated Sales (MWH) to customers					
to customers			55,268	See Schedule F-2, Line 11	.4
Forecast Transmission Cost			4		
Historic Transmission Revenue			\$1,850,825	See Schedule F-2, line 76	
Historic Transmission Expense			(\$1,679,067)		7
Carry over from prior period (12/31/2017)		\$	-,,	See Schedule A-2, Line 85	
7 *** *** *** prior period (12/31/2017)			(\$158,004)	See Schedule C-4, Line 15	7
	Total		\$1,764,027		
Cost per MWH			2.7		
2 2		\$	31.92	Transmission Charge	
Standard Offer Calculation:					
Estimated Sales (MWH) to customers			EE 200	C C	
			55,268	See Schedule F-2, Line 114	1
Forecast Standard Offer			\$4,151,814	5-51-11-5-	
Historic SOS Revenue				See Schedule F-2, line 101	
Historic SOS Expense		\$	(\$3,963,788)	See Schedule A-3, Line 156	5
Carry over from prior period (12/31/2017)		Ą	4,068,370	See Schedule A-2, Line 123	3
(,,,,,,,,,,,,,			\$69,282	See Schedule C-2, Line 161	L
	Total	\$ recove	\$4,325,678 <b>78.27</b> ry	Standard OfferService	
(1) This is the net amount including any ove		\$ recove	70.27	Standard OfferService	
Cost per MWH  (1) This is the net amount including any ove  Purchase Power Reserve Fund Credit  Estmated Sale (MWH) to gustom		\$ recove	70.27	Standard OfferService	
(1) This is the net amount including any ove		\$ recove	70.27		
(1) This is the net amount including any ove Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers		recove	78.27 ry	Standard OfferService  See Schedule F-2, Line 116	
(1) This is the net amount including any ove Purchase Power Reserve Fund Credit		recove	78.27 ry		
(1) This is the net amount including any ove Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers		recove \$	78.27 ry 55,268 (161,079.00)	See Schedule F-2, Line 116	
(1) This is the net amount including any ove  Purchase Power Reserve Fund Credit  Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Cost Per MWH	r/(under)	recove	78.27 ry		Fund Credit
(1) This is the net amount including any over Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers Fotal Flow back for 2018 Cost Per MWH 2) this is the net amount including the PPRF	r/(under)	recove \$	78.27 ry 55,268 (161,079.00)	See Schedule F-2, Line 116	Fund Credit
(1) This is the net amount including any over Purchase Power Reserve Fund Credit istmated Sale (MWH) to customers Total Flow back for 2018 Tost Per MWH (2) this is the net amount including the PPRF	r/(under)	recove \$	78.27 ry 55,268 (161,079.00)	See Schedule F-2, Line 116	Fund Credit 108.88
(1) This is the net amount including any over Purchase Power Reserve Fund Credit istmated Sale (MWH) to customers Total Flow back for 2018 Tost Per MWH (2) this is the net amount including the PPRF	r/(under)	s \$	78.27 ry 55,268 (161,079.00)	See Schedule F-2, Line 116  Purchase Power Reserve	
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Cost Per MWH  2) this is the net amount including the PPRFO  Total	r/(under)	s \$ \$ /Expen	78.27 ry 55,268 (161,079.00) (2.91)	See Schedule F-2, Line 116  Purchase Power Reserve I	
(1) This is the net amount including any over Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fost Per MWH  2) this is the net amount including the PPRF  Fotal	r/(under)	s \$ \$ /Expen	78.27 ry 55,268 (161,079.00) (2.91) sse Proof: 132,000	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72	
(1) This is the net amount including any over Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fost Per MWH  2) this is the net amount including the PPRF  Fotal	r/(under)	\$ \$ /Expen	78.27 ry  55,268 (161,079.00) (2.91)  see Proof: 132,000 (42,982)	See Schedule F-2, Line 116  Purchase Power Reserve    \$  See Schedule F-2, line 72 Schedule C-3, Line 183	
(1) This is the net amount including any ove  Purchase Power Reserve Fund Credit  Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Cost Per MWH	r/(under)	s \$ \$ /Expen	78.27 ry 55,268 (161,079.00) (2.91) sse Proof: 132,000	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72	
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fost Per MWH  To this is the net amount including the PPRF  Fotal  Fotal  Forecast Transition Cost  Ver/Under Collection at period end	r/(under)	\$ \$ /Expen \$ \$	78.27 ry  55,268 (161,079.00) (2.91)  see Proof: 132,000 (42,982) 89,018	See Schedule F-2, Line 116  Purchase Power Reserve    \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$	108.88
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fost Per MWH  To this is the net amount including the PPRF  Fotal  Forecast Transition Cost  Ver/Under Collection at period end	r/(under)	\$ \$    Expen	78.27 ry  55,268 (161,079.00) (2.91)  see Proof: 132,000 (42,982) 89,018 1,850,825	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76	108.88
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Total Flow back for 2018  Total Flow back for 2018  Total Sale the net amount including the PPRFO  Total	r/(under)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	78.27 ry  55,268 (161,079.00) (2.91)  see Proof: 132,000 (42,982) 89,018 1,850,825 (86,799)	See Schedule F-2, Line 116  Purchase Power Reserve    \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$	108.88
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Sotal Flow back for 2018  Sost Per MWH  P) this is the net amount including the PPRFO  oracle Transition Cost  ver/Under Collection at period end	r/(under)	\$ \$    Expen	78.27 ry  55,268 (161,079.00) (2.91)  see Proof: 132,000 (42,982) 89,018 1,850,825	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76	108.88
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fotal Flow back for 2018  Fotal Sist Per MWH  Fotal  Forecast Transition Cost  Ever/Under Collection at period end  Forecast Transmission Cost  Ever/Under Collection at period end	r/(under)	\$ \$   <b>/Expen</b>   \$   \$   \$   \$   \$   \$   \$   \$   \$	78.27 ry  55,268 (161,079.00) (2.91)  see Proof: 132,000 (42,982) 89,018 1,850,825 (86,799) 1,764,027	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76 Schedule C-4, Line 176 \$	1.61
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fotal Flow back for 2018  Fotal Sale the net amount including the PPRFO  Fotal  Fotal  Forecast Transition Cost  Ever/Under Collection at period end  Forecast Transmission Cost	r/(under)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	78.27 ry  55,268 (161,079.00) (2.91)  SEE Proof:  132,000 (42,982) 89,018  1,850,825 (86,799) 1,764,027 4,151,814	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76 Schedule C-4, Line 176 \$	1.61
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fotal Flow back for 2018  Fotal Sale the net amount including the PPRFO  Fotal  Fotal  Forecast Transition Cost  Ever/Under Collection at period end  Forecast Transmission Cost	r/(under)	\$ \$   <b>/Expen</b>   \$   \$   \$   \$   \$   \$   \$   \$   \$	78.27 ry  55,268 (161,079.00) (2.91)  see Proof: 132,000 (42,982) 89,018 1,850,825 (86,799) 1,764,027	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76 Schedule C-4, Line 176 \$  See Schedule F-2, line 101	1.61
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fotal Flow back for 2018  Fotal Sale the net amount including the PPRFO  Fotal  Fotal  Forecast Transition Cost  Ever/Under Collection at period end  Forecast Transmission Cost	r/(under)	\$ \$   <b>/Expen</b>   \$   \$   \$   \$   \$   \$   \$   \$   \$	78.27 ry  55,268 (161,079.00) (2.91)  SEE Proof:  132,000 (42,982) 89,018  1,850,825 (86,799) 1,764,027 4,151,814	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76 Schedule C-4, Line 176 \$	1.61
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Total Flow back for 2018  T	r/(under)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	78.27 ry  55,268 (161,079.00) (2.91)  (2.91)  (2.91)  (2.91)  (2.91)  (2.91)  (2.91)  (2.91)  (3.900 (42,982) (42,982) (86,799) (1,764,027 (4,151,814 (5173,865 (4,325,679)	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76 Schedule C-4, Line 176 \$  See Schedule F-2, line 101 Schedule C-2, Line 181 \$	1.61 31.92 78.27
Purchase Power Reserve Fund Credit Estmated Sale (MWH) to customers  Fotal Flow back for 2018  Fotal Flow back for 2018  Fotal Sist Per MWH  Fotal  Forecast Transition Cost  Ever/Under Collection at period end  Forecast Transmission Cost  Ever/Under Collection at period end	r/(under)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	78.27 ry  55,268 (161,079.00) (2.91)  see Proof:  132,000 (42,982) 89,018  1,850,825 (86,799) 1,764,027  4,151,814 \$173,865	See Schedule F-2, Line 116  Purchase Power Reserve I  \$  See Schedule F-2, line 72 Schedule C-3, Line 183 \$  See Schedule F-2, line 76 Schedule C-4, Line 176 \$  See Schedule F-2, line 101 Schedule C-2, Line 181	1.61

		`		ımbing.			transformers to commercial meters	rers	HPS Flood Lights		as deteriorating		LIG Consultants Charge discuss the expansion of the substation with National Grid	itor on Wallum Lake Rd.					Meters with new radio read meters.	in the office			, 2018
Reason	) Retired a 2004 Chevy Silverado 4x4	) To Identify the District's Jeep	5 To outfit the Jeep with radio equipment	\$2,249.85 To refurbish the linesman's building plumbing.			1,019.71 Metering cable use to hook up current transformers to commercial meters	5 Back up solutions for the District's Servers	6,010.00 To replace some of the older 250 Watt HPS Flood Lights	) To replace a failed switch in the field.	7 Parking Lot was over 15 year old and was deteriorating		5 LIG Consultants Charge discuss the exp	5 To replace a failed Step Voltage Regulator on Wallum Lake Rd.			3,760.00 To repair a recloser that was damaged	10,260.00 To replenish the stock	16,420.00 To replace the Commercial & Industrial Meters with new radio read meters.	3,337.50 To replace the obsolete phone system in the office	3,600.28 As recommended by IT	\$10,842.26 To replenish the stock	\$ 187,678.87 Total Purchases through November 19, 2018
Amount	\$ 41,921.00	\$ 190.00	\$ 1,390.85	\$2,249.85	, \$	· \$	\$ 1,019.7	\$3,905.25	\$ 6,010.00	\$ 3,802.00	\$ 70,410.17	· \$	\$525	\$8,035	, \$	· \$	\$ 3,760.00	\$ 10,260.00	\$ 16,420.00	\$ 3,337.50	\$ 3,600.28	\$10,842.26	\$ 187,678.87
Capital Purchase	2017 Jeep Wrangler 4x4	Letting on Jeep	Radio	Plumbing Items	No Purchases	No Purchases	Meter Cabling	Datto Server and Cloud Back-up	10-Led Flood Lights	15 KV Switch	Parking Lot Pavement	No Purchases	Electric Substation Meeting	Step Voltage Regulator	No Purchases	No Purchases	Recloser Repair	10-25KVA Pole Mounts	48- Centron Meters	Mitel Cloud -Telephony System	Dell Precion 3530 Laptop	Wire	
Month	Jan-18	18-Feb	E	=	18-Mar	18-Apr	18-May	18-Jun	=	=	=	18-Jul	18-Aug	=	18-Sep	18-Oct	18-Nov	=	=	=	=	=	

Control   Cont	Sept 2019	Sept 2019
Forecast	Sept 2019   Oct 2019   Dec 2019   Perit	Forecast
11,000   S   11,000   S   11,000   S   12,000     161,735   S   129,823   S   156,898   S   166,214   S   1,850,825     161,735   S   129,823   S   156,898   S   166,214   S   1,850,825     161,735   S   129,823   S   156,898   S   166,214   S   1,850,825     161,735   S   129,823   S   156,898   S   166,214   S   1,850,825     161,735   S   129,823   S   166,834   S   1,850,825     161,735   S   129,823   S   166,834   S   1,850,825     161,735   S   129,835   S   10,905   S   1,29,885     161,735   S   129,835   S   129,835   S   1,51,239     161,835   S   125,236   S   125,236   S   1,51,239   S   1,51,239     161,837   S   129,835   S   1,51,239   S   1,51,239     161,837   S   12,134   S   1,10,391   S   1,10,391   S   1,20,214     161,000   S   11,000   S   11,000   S   11,000   S   1,20,214     161,000   S   11,000   S   11,000   S   1,20,214     171,000   S   12,214   S   12,214   S   1,214,214     171,000   S   1,214,214   S   1,214,214     171,000   S   1,214,214   S	11,000   S   11,	11,000   S   11,
161,735   \$ 129,823   \$ 158,898   \$ 166,214   \$ 1,850,825     161,735   \$ 129,823   \$ 158,898   \$ 166,214   \$ 1,850,825     161,735   \$ 129,823   \$ 158,898   \$ 166,214   \$ 1,850,825     161,735   \$ 10,905   \$ 10,763   \$ 10,905   \$ 129,863     25,807   \$ 2,433   \$ 4451   \$ 453   \$ 1,850,825     125,807   \$ 2,439   \$ 25,867   \$ 26,433   \$ 1,451,02     114,308   \$ 22,438   \$ 125,826   \$ 125,226   \$ 125,226     114,309   \$ 129,823   \$ 12,898   \$ 10,915   \$ 1,920,244     114,309   \$ 129,823   \$ 12,898   \$ 10,915   \$ 1,920,244     114,300   \$ 12,130   \$ 12,908   \$ 12,130   \$ 1,20,201     114,300   \$ 12,274   \$ 2,138   \$ 23,139   \$ 2,138   \$ 2,139     114,300   \$ 12,274   \$ 3,149   \$ 2,139   \$ 3,10,27     114,300   \$ 12,274   \$ 3,280   \$ 10,915   \$ 10,02,125     114,300   \$ 12,274   \$ 3,280   \$ 10,915   \$ 10,02,125     114,300   \$ 12,274   \$ 3,280   \$ 10,915   \$ 10,02,125     114,300   \$ 12,304   \$ 12,304   \$ 10,02,104   \$ 1,020,104     114,300   \$ 11,000   \$ 11,000   \$ 11,000   \$ 11,000   \$ 11,000     114,300   \$ 11,000   \$ 11,000   \$ 11,000   \$ 11,000   \$ 11,000     114,300   \$ 11,000   \$ 11,000   \$ 11,000   \$ 11,000   \$ 11,000     114,300   \$ 11,000	161,735   5   129,823   5   158,898   5   166,214   5   1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	161,735   5   129,823   5   156,896   5   166,214   5   1, 161,735   5   129,823   5   156,896   5   166,214   5   1, 161,735   5   129,823   5   156,898   5   166,214   5   1, 161,735   5   129,823   5   156,898   5   166,214   5   1, 161,735   5   129,823   5   126,226   5   12
161,735   \$ 129,823   \$ 156,898   \$ 166,214   \$ 1,1   10,763   \$ 10,905   \$ 10,763   \$ 16,214   \$ 1,1   2,451   \$ 453   \$ 451   \$ 453   \$ 1,1   2,471   \$ 435   \$ 451   \$ 453   \$ 1,1   2,471   \$ 437,123   \$ 10,905   \$ 1,2   2,567   \$ 26,493   \$ 25,667   \$ 26,493   \$ 25,697   \$ 25,697   \$ 26,493   \$ 25,697   \$ 26,493   \$ 25,697   \$ 26,493   \$ 25,697   \$ 26,493   \$ 25,697   \$ 26,493	161,735   \$ 129,823   \$ 166,896   \$ 166,214   \$ 1,1	161,735   \$ 129,823   \$ 156,898   \$ 166,214   \$ 1,1
10,763   \$ 129,823   \$ 165,898   \$ 165,214   \$ 1,10,763   \$ 10,905   \$ 10,763   \$ 10,905   \$ 10,905   \$ 10,905   \$ 10,905   \$ 10,905   \$ 10,905   \$ 10,905   \$ 1,25,807   \$ 2,507   \$ 2,507   \$ 2,508   \$ 2,5493   \$ 2,5697   \$ 2,508   \$ 2,5493   \$ 2,5697   \$ 2,508   \$ 2,5493	10,763   \$ 129,823   \$ 165,898   \$ 165,214   \$ 1,10,763   \$ 10,905   \$ 10,763   \$ 10,905   \$ 10,9	10,763   \$ 129,823   \$ 165,898   \$ 165,214   \$ 1,1000   \$ 10,763   \$ 10,905   \$ 10,763   \$ 10,905   \$ 10,763   \$ 10,905   \$ 10,763   \$ 10,905
10,763   10,906   10,763   10,905   10,763   10,905   10,763   10,905   10,763   10,905   10,763   10,905   10,763   10,905   1	10,763   5   10,905   5   10,763   5   10,905   5     2,972   5   2,943   5   4,723   5   7,276   5     2,587   5   2,643   5   2,587   5   2,549   5     1,439   5   12,539   5   12,529   5   12,529   5   12,529   5     1,430   5   12,133   5   12,539   5   12,529   5   12,529   5     1,430   5   12,133   5   12,59   5   12,539   5     1,430   5   12,133   5   12,599   5   12,572   5     1,430   5   12,133   5   12,599   5   12,510   5     1,430   5   12,139   5   12,599   5   12,510   5     1,430   5   12,139   5   12,139   5     1,430   5   12,139   5   12,139   5     1,430   5   12,139   5   12,139   5     1,430   5   12,144   5   13,131   5     1,500   5   12,274   5   13,291   5     1,500   5   12,274   5   13,291   5     1,500   5   12,274   5   13,291   5     1,500   5   12,274   5   13,291   5     1,500   5   12,130   5   13,172   5     1,500   5   12,130   5   13,172   5     1,500   5   12,130   5   13,172   5     1,500   5   12,130   5   13,172   5     1,500   5   12,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,000   5     1,1000   5   11,000   5   11,000   5   11,	10,763   10,905   2   10,763   2   10,905   2   2,972   2   3,718   2   4,723   3   4,723   3   7,205   3   7,20
10,765   \$ 10,905   \$ 10,763   \$ 10,905   \$ 5     2,972   \$ 3,718   \$ 4,52   \$ 7,205   \$ 5     2,567   \$ 3,718   \$ 4,52   \$ 7,205   \$ 7,205   \$ 5     1,25,508   \$ 125,508   \$ 125,508   \$ 125,626   \$ 5     1,1,309   \$ 15,183   \$ 125,628   \$ 125,626   \$ 5     1,1,309   \$ 125,183   \$ 125,628   \$ 125,626   \$ 5     1,1,309   \$ 125,183   \$ 125,628   \$ 125,626   \$ 5     1,1,000   \$ 1,000   \$ 1,000   \$ 10,915   \$ 2     1,1,000   \$ 1,000   \$ 1	10,765   \$ 10,905   \$ 10,763   \$ 10,905   \$ 5     2,972   \$ 3,718   \$ 4,52   \$ 7,205   \$ 5     2,567   \$ 3,718   \$ 4,723   \$ 7,205   \$ 5     1,25,508   \$ 125,508   \$ 125,508   \$ 125,626   \$ 5     1,139   \$ 15,183   \$ 125,628   \$ 125,626   \$ 5     1,139   \$ 125,183   \$ 125,628   \$ 125,626   \$ 5     1,139   \$ 125,183   \$ 125,628   \$ 125,626   \$ 5     1,139   \$ 125,183   \$ 125,628   \$ 125,626   \$ 5     1,130   \$ 125,183   \$ 125,628   \$ 125,628   \$ 12,667   \$	10,765   \$ 10,005   \$ 10,763   \$ 10,905   \$ 5     2,972   \$ 3,718   \$ 4,573   \$ 7,276   \$ 5     2,972   \$ 3,718   \$ 4,723   \$ 7,276   \$ 5     126,526   \$ 15,636   \$ 125,526   \$ 125,526   \$ 11,439   \$ 15,672   \$ 11,439   \$ 15,183   \$ 125,526   \$ 11,439   \$ 15,183   \$ 125,526   \$ 11,439   \$ 15,183   \$ 125,526   \$ 11,670   \$ 125,526   \$ 11,670   \$ 125,526   \$ 11,670   \$ 125,526   \$ 125,626   \$ 125,626   \$ 11,670   \$ 125,626   \$ 11,670   \$ 125,626   \$ 11,670   \$ 125,626   \$ 11,670   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 125,626   \$ 10,241   \$ 100,416   \$ 100,416   \$ 100,416   \$ 10,416   \$ 100,416   \$
Carrier   Carr	Carrellon	Carrellon
Carrier   Carr	Carrier   Carr	Carrier   Carr
(\$19,199) (\$19,199) (\$19,199) (\$19,199) (\$15,526 \$ 125,526 \$ 112,527 \$ 112,5	(\$19,199) (\$19,199) (\$19,199) (\$19,199) (\$15,526 \$ 125,526 \$ 125,526 \$ 125,526 \$ 125,526 \$ 125,526 \$ 10,527 \$ 1	12,526   \$ 12,526   \$ 12,526   \$ 12,526   \$ 11,535   \$ 12,526   \$ 12,526   \$ 12,526   \$ 12,526   \$ 11,535   \$ 11,535   \$ 11,530
12,526   \$ 125,526   \$ 125,526   \$ 12,526   \$ 51,     1,439   \$ 15,183   \$ 12,988   \$ 126,526   \$ 51,     2,510   \$ 2,510	12,526   \$ 125,526   \$ 125,526   \$ 125,526   \$ 51, 14,539   \$ 15,183   \$ 12,998   \$ 125,526   \$ 51, 14,539   \$ 15,183   \$ 12,998   \$ 1,667   \$ 5	12,526   \$ 125,526   \$ 125,526   \$ 12,526   \$ 11,439   \$ 15,183   \$ 12,998   \$ 15,672   \$ 5 1,099   \$ 15,672   \$ 5 1,099   \$ 15,672   \$ 5 1,099   \$ 15,672   \$ 5 1,099   \$ 15,672   \$ 5 1,099   \$
1,439   \$ 15,183   \$ 15,988   \$ 15,672   \$   \$   \$   \$   \$   \$   \$   \$   \$	1,439   \$ 15,183   \$ 15,988   \$ 15,672   \$   \$   \$   \$   \$   \$   \$   \$   \$	1,439   \$ 15,183   \$ 15,988   \$ 15,672   \$   \$   \$   \$   \$   \$   \$   \$   \$
(1,667) \$ (1,667	(1,667) \$ (1,667	(1,667) \$ (1,667) \$ (1,667) \$ (1,667) \$ (2,510
Color   Colo	Color   Colo	Color   Colo
84,609 \$ 60,240 \$ 77,031 \$ 103,910 \$ 51,	84,609 \$ 60,240 \$ 77,031 \$ 103,910 \$ 51,	84,609 \$ 60,240 \$ 77,031 \$ 103,910 \$ 51,
1,970   \$ 22,138   \$ 21,963   \$ 22,138   \$ 5	100   S   100   S   100   S   100   S     100   S   100   S     100   S   100   S	100   S   100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100   S   100   S   100   S     100
(41)   \$ (2.144)   \$ (15,24)	100   5   100   5   100   5   100   5	100   5   100   5   100   5   100   5
(41) \$ (2.144) \$ (3.501) \$ (15.234) \$ (5.759) \$ (6.224)	(41) \$ (2.144) \$ (3.501) \$ (15.234) \$ (5.759) \$ (6.224)	(41) \$ (2.144) \$ (3.501) \$ (15.234) \$ (5.759) \$ (15.234) \$ (5.759) \$ (6.224) \$ (5.759) \$ (6.224)
7,599         8         -         8         -         8           7,599         5         7,890         5         7,990         5         7,990         5         7,990         5         7,990         5         7,990         5         7,990         5         7,990         5         7,990         8         7,990         8         7,990         8         7,990         8         7,990         8         7,990         8         7,190         8         7,150         8	7,599         8         -         8         -         8           7,599         5         7,899         5         7,999         5         7,999         5         7,999         5         7,999         8         10,915         5         7,999         8         11,916         5         7,999         8         7,999         8         11,916         5         7,199         8         11,916         5         7,150         8	7,599         8         -         8         -         8           8,695         5         7,699         8         7,699         8         7,100         8         7,100         8
7.599         \$         6,832         \$         3,600         \$         10,915         \$           6.695         \$         7,200         \$         7,690         \$         7,990         \$           8.635         \$         12,214         \$         7,150         \$         14,916         \$         1           27,506         \$         22,867         \$         27,60         \$         7,150         \$         14,916         \$         3         4	7.599         \$         6,832         \$         3,600         \$         10,915         \$           6.696         \$         7,200         \$         7,690         \$         7,990         \$           8.636         \$         12,214         \$         7,150         \$         14,916         \$         1           27,506         \$         28,687         \$         27,60         \$         7,150         \$         1           27,506         \$         7,160         \$         7,150         \$         7,150         \$         4,100           \$         \$         7,160         \$         7,160         \$         7,160         \$         4,100           \$         \$         7,100         \$         7,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,1000         \$         1,10	7,599         8         6,332         8         3,680         \$ 10,915         \$           8,685         \$         7,920         \$         7,690         \$         10,915         \$           27,936         \$         12,274         \$         9,684         \$         14,916         \$         1           7,150         \$         22,687         \$         27,150         \$         7,150         \$         4,160         \$         1,150         \$         7,150         \$         4,160         \$         1,150         \$<
8.665	8.665 \$ 7.7274 \$ 5.9684 \$ 7.1995 \$ 7.7995 \$ 27.896 \$ 5.27,896 \$ 5.28,867 \$ 5.27,975 \$ 28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,867 \$ 5.28,267 \$ 5.37,722 \$ 4.1,1000 \$ 11,000	8,656 S         5         7,820 S         5         7,199 S         5         1,199 S         5         1,190 S         5         1,150 S         5         1,150 S         5         1,150 S         6         1,100 S
27,395 5 2,8,687 5 3,7197 5 4,1197 5 3,7197 5 4,1197 5 3,7197 5 4,1197 5 3,7197 5 4,1197 5 3,	2,000   3   2,000   4   1,000   5   1,00	27,396 \$ 2,8,677 \$ 3,71975 \$ 3,7150 \$ 3
7,150 \$ 7,150	7,150 \$ 7,150	7,150   5   7,150   7,150
325,536	325,536	11,000   5
11,000   \$ (11,0	11,000   \$ (11,0	11,000   \$ (11,0
11,000   5   12,000   5   11,	11,000   5   12,000   5   11,000   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5   11,000   5	11,000   \$ 1296,301   \$ 296,760   \$ 337,722   \$ 4,14     11,000   \$ 11,000
11,000   5   11,	11,000   5   11,	11,000 \$ 11,
11,000   5   11,	11,000   5   11,	11,000   5   11,000   11,000
\$ 341,771 \$ 314,526 \$ 296,701 \$ 206,702 \$ 377,722 \$ 4.11 \$ 5 16,474 \$ 487,271 \$ 437,125 \$ 466,648 \$ 514,936 \$ 6.1  \$ 5 16,474 \$ 487,271 \$ 437,125 \$ 466,648 \$ 514,936 \$ 6.1  \$ 3 Yr.Avg	314,536   \$ 296,730   \$ 37,772   \$ 4,111     Sept 2019   \$ 296,730   \$ 514,336   \$ 6,14     347,271   \$ 437,125   \$ 466,648   \$ 514,336   \$ 6,14     347,674   \$ 437,125   \$ 466,648   \$ 514,336   \$ 6,14     347,674   \$ 37,722   \$ 4,141     5,32   \$ 4,141   \$ 4,141     5,279   \$ 4,340   \$ 4,141   \$ 4,141     5,279   \$ 4,300   \$ 4,100   \$ 4,668     5,279   \$ 4,300   \$ 4,100   \$ 4,668     5,279   \$ 2,56   \$ 2,68   \$ 2,36   \$ 5     5,28   \$ 68,90   \$ 72,34   \$ 5     5,28   \$ 68,90   \$ 72,34   \$ 5     5,28   \$ 101,65   \$ 113,83   \$ 110,30   \$ 5	314,536   \$ 1,530,50   \$ 1,500,50   \$ 14,336   \$ 4,51,50   \$ 14,336   \$ 4,51,50   \$ 14,336   \$ 4,51,50   \$ 14,336   \$ 4,51,50   \$ 14,336   \$ 4,51,50   \$ 14,336   \$ 4,34   \$ 1
Sept 2019  Sept 2019  3 YrAvg  3 YrAvg  5,332  (53)  (43)  6,430  4,100  4,100  4,100  4,688  5,279  2 YrAvg  3 YrAvg  4 Yr.	Sept 2019  Sept 2019  3	Sept 2019         Cot 2019         Nov 2019         Dec 2019           3 YrAvg         2 YrAvg         2 YrAvg         2 YrAvg           5,332         4,343         4,141         4,715           5,279         4,300         4,100         4,668           2 ZrAvg         2 YrAvg         2 YrAvg           5,322         4,300         4,110         4,715           6,33         4,300         4,100         4,668           2 Zr.9         8 Zr.56         2 Zr.66         5 Zr.96           3 SrAvg         113.83         110.30         5           4 Zr. 2r. 2r. 2r. 2r. 2r. 2r. 2r. 2r. 2r. 2
Sept 2019  3 YrAvg  3 YrAvg  5,332  4,343  4,141  (53)  (43)  (43)  (41)  (41)  (47)  (53)  (43)  (43)  (41)  (41)  (47)	Sept 2019  3 YrAvg  3 YrAvg  5,332  4,343  4,141  (53)  (43)  (43)  4,141  (47)  (53)  (43)  (43)  4,140  4,715  (47)  (47	Sept 2019         Oct 2019         Nov 2019         Dec 2019           3 YrAvg         2 YrAvg         2 YrAvg           5,332         4,343         4,141         4,715           (53)         4,300         4,100         4,668           5,279         4,300         4,100         4,668           5         2.08         5         2.66         5         2.36         5           5         5.51         5         35.60         5         2.36         5         2.36         5           5         5.52         5         68.90         5         72.39         5         72.34         5           5         5.31         \$         101.65         113.83         110.30         \$           92.31         \$         113.83         110.30         \$           Purchases         62.042         5         5.268
Sept 2019   Oct 2019   Nov 2019   Oct 2019     3 YrAvg	Sept 2019   Oct 2019   Nov 2019   Oct 2019     3	Sept 2019   Oct 2019
5,332         4,343         4,141         4,715           (53)         (43)         (41)         (47)           (5279         4,300         4,100         4,668           2.06         \$ 2,56         \$ 2,68         \$ 2,36           3.064         \$ 30,19         \$ 38,76         \$ 35,60           5 5,58         \$ 68,90         \$ 72,34         \$ 72,34           6 32,31         \$ 101,65         113,83         110,30         \$ 30,00	5,332     4,343     4,141     4,715       (53)     (43)     (41)     (47)       (5279     4,300     4,100     4,668       2,06     2,266     2,68     2,36       3,064     3,30,19     5,38,76     3,560       3,538     68,90     772,34     5       4,103     4,10,30     5     113,83     110,30       4,103     4,103     5     2,266     5       5,538     68,90     772,34     5       62,042     113,83     110,30     5       5,516x     5,5268	5,332         4,343         4,141         4,715           (53)         (43)         (41)         (47)           5,279         4,300         4,100         4,668           2,08         \$ 2,56         \$ 2,68         \$ 2,36           3,064         \$ 30,09         \$ 38,76         \$ 35,60           5,531         \$ 60,00         \$ 72,39         \$ 72,43           6,531         \$ 101,65         113,83         110,30           92,31         \$ 101,65         \$ 50,042           Sales         53,68
(53) (43) (41) (47) (47) (47) (47) (488 (48) (48) (48) (48) (48) (48) (48	(53) (43) (41) (47) (47) (47) (47) (47) (47) (47) (47	(53) (43) (41) (47) (47) (47) (47) (47) (47) (47) (47
5,279         4,300         4,100         4,668           2.08         \$ 2.56         \$ 2.68         \$ 2.36         \$ 2.36           3.064         \$ 30.19         \$ 38.76         \$ 35.00         \$ 36.0         \$ 35.0           5.58         \$ 68.90         \$ 72.39         \$ 72.34         \$ 72.34         \$ 32.31         \$ 101.65         113.83         110.30         \$ 32.34	5,279 4,300 4,100 4,668  2.08 \$ 2.56 \$ 2.68 \$ 2.36 \$ 5  3.064 \$ 3.0.19 \$ 3.8.76 \$ 3.50 \$ 5  5,558 \$ 68.90 \$ 72.34 \$ 72.34 \$ 5  92,31 \$ 101.65 \$ 113.83 \$ 110.30 \$ 5  Purchases 62,042  Sales	5,279 4,300 4,100 4,668  2,08 \$ 2.56 \$ 2.68 \$ 2.36 \$ 5  3,064 \$ 30.19 \$ 38.76 \$ 35.60 \$ 5  5,558 \$ 66.90 \$ 72.39 \$ 72.44 \$ 5  110.30 \$ 410.30 \$ 410.30 \$ 410.30 \$ 410.30 \$ 5  Purchases 62,042
5,279 4,300 4,100 4,100 2,08 \$ 2,56 \$ 2,68 \$ 2,36 \$ 2,36 \$ 5 30,64 \$ 30,19 \$ 38,76 \$ 35,60 \$ 5 5,558 \$ 68,50 \$ 72,39 \$ 72,4 \$ 5 113,83 110,30 \$ 5	5,279 4,300 4,100 4,100  2,08 \$ 2.56 \$ 2.68 \$ 2.36 \$ 2.36 \$ 2.56 \$ 2.56 \$ 2.40 \$ 35.00 \$ 5 2.56 \$ 2.36 \$ 2.36 \$ 2 2.36 \$	5,279 4,300 4,100 4,108 2,08 \$ 2.56 \$ 2.68 \$ 2.36
2.08 \$ 2.56 \$ 2.68 \$ 2.88 \$ 2.88 \$ 2.00 \$ 5 2.00 \$	2.08 \$ 2.56 \$ 2.68 \$ 2.88 \$ 2.88 \$ 2.86 \$ 2.88 \$ 2.	2.08 \$ 2.56 \$ 2.68 \$ 2.36 \$ 2.
30.64 \$ 30.19 \$ 38.76 \$ 35.60	30.64 \$ 30.19 \$ 38.76 \$ 35.60 \$ 5.50	30.64 \$ 30.19 \$ 38.76 \$ 35.60 \$ 5.50
\$ 59.58 \$ 68.90 \$ 72.39 \$ 72.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ 5.34 \$ \$ \$ 5.34 \$ \$ \$ 5.34 \$ \$ \$ 5.34 \$ \$ \$ 5.34 \$ \$ \$ 5.34 \$ \$ \$ 5.34 \$ \$ \$ \$ 5.34 \$ \$ \$ \$ \$ 5.34 \$ \$ \$ \$ \$ 5.34 \$ \$ \$ \$ \$ \$ \$ 5.34 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ 59.56 \$ 68.90 \$ 72.39 \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ 72.34 \$ \$ \$ 72.34 \$	5.5.58         \$ 68.90         \$ 72.39         \$ 72.34         \$           i. 92.31         \$ 101.65         113.83         110.30         \$           Purchases         62.042         \$         \$
; 92.31 \$ 101.65 113.83 110.30 \$	92.31 \$ 101.65 113.83 110.30 \$ Purchases 62,042 Sales 55268	5 92,31 \$ 101.65 113.83 110.30 \$  Purchases 62,042 Sales 55,082
Dissipance	Purchases Salex	Purchases 6 Sales 5
Gordan	Purchases	Purchases 6 Sales 5
	lases	lases
	case	Sacp

## PASCOAG UTILITY DISTRICT

### NOTES TO THE FINANCIAL STATEMENTS

# FOR THE YEAR ENDED DECEMBER 31, 2017

## NOTE N - COMMITMENTS AND CONTINGENCIES (CONTINUED)

### CONTINGENT LIABILITY - MMWEC (CONTINUED)

A substantial portion of MMWEC's plant investment and financing program is an 11.6% ownership interest in the Seabrook Station nuclear generating unit operated by NextEra Energy Seabrook, LLC (NextEra Seabrook) the majority owner and an indirect subsidiary of NextEra Energy Resources LLC. The operating license for Seabrook Station extends to March 15, 2030. NextEra Seabrook has submitted an application to extend the Seabrook Station operating license for an additional 20 years.

Pursuant to the PSAs, the MMWEC Seabrook and Millstone Project Participants are liable for their proportionate share of the costs associated with decommissioning the plants, which costs are being funded through monthly Project billings. Also, the Project Participants are liable for their proportionate share of the uninsured costs of a nuclear incident that might be imposed under the Price-Anderson Act (Act). Originally enacted in 1957, the Act has been renewed several times. In July 2005, as part of the Energy Policy Act of 2005, Congress extended the Act until the end of 2025.

Pascoag Utility District has entered into PSAs and PPAs with MMWEC. Under both the PSAs and PPAs, the Utility District is required to make certain payments to MMWEC payable solely from the Utility District revenues. Under the PSAs, each Participant is unconditionally obligated to make payments due to MMWEC whether or not the Project(s) is completed or operating and notwithstanding the suspension or interruption of the output of the Project(s).

MMWEC is involved in various legal actions. In the opinion of management, the outcome of such litigation or claims will not have a material adverse effect on the financial position of MMWEC.

As of December 31, 2017, total capital expenditures amounted to \$1,583,481,000, of which \$11,307,000 represents the amount associated with the Utility District's Project Capability. MMWEC's debt outstanding for the Projects from Power Supply System Revenue Bonds totals \$10,680,000, of which \$129,000 is associated with the Utility District's share of Project Capability. As of December 31, 2017, MMWEC's total future debt service requirement on outstanding bonds issued for the Projects is \$11,425,000, of which \$141,000 is anticipated to be billed to the Utility District in the future.

The aggregate amount of Pascoag Utility District's required payments under the PSAs and PPAs, exclusive of the Reserve and Contingency Fund billings, to MMWEC at December 31, 2017 and estimated for future years is shown below.

#### PASCOAG UTILITY DISTRICT

#### NOTES TO THE FINANCIAL STATEMENTS

### FOR THE YEAR ENDED DECEMBER 31, 2017

#### NOTE N – COMMITMENTS AND CONTINGENCIES (CONTINUED)

### CONTINGENT LIABILITY - MMWEC (CONTINUED)

	Annual Costs
For years ending December 31,	
2018	\$ 9,000
2019	132,000
Total	\$ 141,000

In addition, under the PSAs, the Utility District is required to pay to MMWEC its share of the Operation and Maintenance (O&M) costs of the Projects in which it participates. The Utility District's total O&M costs including debt service under the PSAs was \$730,000 for the year ended December 31, 2017.

In addition to its agreements through MMWEC, the District has entered into agreements to purchase power from various suppliers. These wholesale contracts are generally for fixed periods and require payment of demand and energy charges. The total estimated minimum costs under these contracts are included in purchased power in the statement of revenues, expenses and changes in net position and are normally recoverable in revenues under cost recovery mechanisms mandated by the State of Rhode Island. The estimated status of these contracts is as follows:

For years ended	Nex	tEra Energy		PSEG		Canton		Spruce		Brown
December 31,	Powe	er Marketing	Ene	rgy Resources	Mo	ountain Wind	Mo	ountain Wind		Bear II
2018	\$	503,993	\$	1,254,997	\$	135,736	\$	165,170	\$	73,765
2019		680,880		1,009,830		137,086		165,170		75,242
2020		528,321		856,274		138,922		165,694		76,975
2021		541,448				141,543		165,170		39,590
2022.		557,994				142,894		165,170		
Thereafter	-	1,611,611			_	2,065,430		662,252	_	
Total	\$	4,424,247	\$	3,121,101	\$	2,761,611	\$	1,488,626	\$	265,572

Purchase power expenses under these agreements were approximately \$2,458,000 in 2017.