

# Welcome to Verpol!

An Omya Calcium Carbonate Processing Facility



Mar 22, 2018



# Omya Inc. – Region Americas



- **Founded 1884; Switzerland**  
**Over 180 plants worldwide and**  
**± 7,000 employees**
- **Built Vermont Facility in 1978**
- **Processor of industrial minerals; calcium carbonate**
- **Markets: Paper, Plastics, Paints, Food, Pharmaceutical**
- **1000+ direct employees in Region Americas**
- **20 Operations in 9 Countries**
- **9 U.S. Plants – VT, PA, KY, TN, AL, AZ, CA, MI**
- **VT – 130 FT employees and 20 - 50 contractors daily**

# Omya Engineering Resources:

- Verpol VT facility - 15 Engineers Employed
  - Chemical, Mechanical, Civil, Design, Automation and Electrical disciplines
- Omya RAM in Cincinnati
  - Regional Engineering Resources
  - Agreements with Consulting / Design Firms
- Omya World Wide
  - Competency Centers [ Reinach and Barcelona]
  - Maintenance and Various Unit Processes [Grinding, Classifying etc]

# Omya Energy Usage:

- VT's 2<sup>nd</sup> largest energy consumer
- Average peak demand – 26MW
- Average energy consumption – 16,000,000 KWH/month
- Liquid Natural Gas storage - use onsite and in Casella fleet for local transportation (switch from diesel)
- Participant of Solar Net Metering Program



## Usage History

Next reading approx 01/29/18



# Overview of CCP Process



- Energy Efficiency Charge (EEC)
- \$1.5 million = 8.6% Electricity Bill
- 89.1% available for rebates; 10.9% to EVT

- Project Proposal from Omya
- Omya Engineering
- EVT approval per project assumptions and EVT Template

- Omya - Project Implementation
- Omya - Initial Investment

- Omya – Submit Project Report
- Energy Efficiency Case Review / Audit

- Rebates if project meets approved metrics

## PROJECT LIFE CYCLE

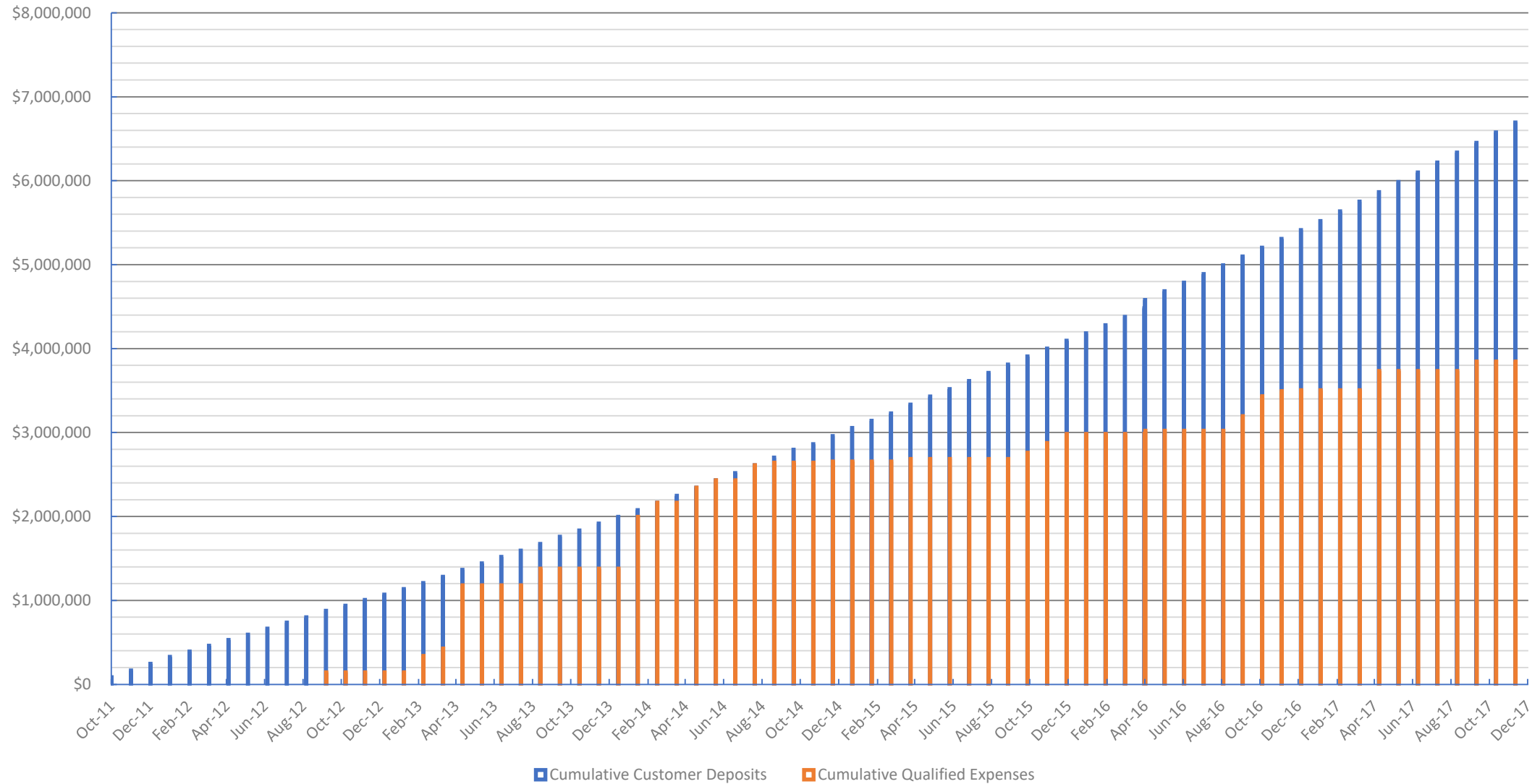


6 Months

12 Months

# EEC Credit Balances:

EEC Credit Balance



# Project Details – Summary

<b>Year</b>	<b>Number of Projects</b>	<b>Total Project Cost</b>	<b>Project Rebate from EVT</b>	<b>Net Project Cost to Omya</b>	<b>EVT Operating, Tech Assist &amp; Support Costs</b>	<b>Annual KWH Savings</b>	<b>Equivalent Annual \$\$\$ Savings</b>
2012	1	\$226,630	\$144,667	\$81,963	\$50,928	929,290	\$78,060
2013	4	\$1,542,532	\$1,232,747	\$309,785	\$67,700	2,572,229	\$248,358
2014	1	\$1,360,931	\$1,263,658	\$97,273	\$190,970	1,066,276	\$99,164
2015	7	\$499,003	\$340,632	\$158,370	\$178,636	1,767,644	\$160,679
2016	6	\$533,500	\$516,618	\$16,881	\$53,522	6,287,587	\$571,542
2017	6	\$3,270,944	\$2,745,187	\$525,757	\$245,205	15,455,179	\$1,433,723
<b>Total</b>	<b>25</b>	<b>\$7,433,539</b>	<b>\$6,243,510</b>	<b>\$1,190,030</b>	<b>\$786,961</b>	<b>28,078,205.06</b>	<b>\$2,591,526</b>



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Thanks!



THINKING OF TOMORROW

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