

CPUC Staff Ex Ante Review

CPUC Staff Project ID Number	PGE 20 T I 426 PRJ - 02188579 CompAir
CMPA Directory Link	https://deeresources.info/cmpa/projects/16179
PA	PGE
PA Application ID	PRJ - 02188579
PA Application Executed Date	12/17/2019
PA Program ID	PGE210212
PA Program Name	Industrial Compressed Air System Efficiency program - Customized
PA Program Year	2019
Date of CPUC Staff Review:	4/28/2020
PA CMPA Upload Dates Included in this review:	
First PA Upload	3/17/2020
Second PA Upload	N/A
Third PA Upload	N/A
PA Measure Description(s):	
Measure 1	PROCESS COMPRESSED AIR - ADD CONTROLS - To-Code/Std
Measure 2	
Measure 3	
Measure 4	
Measure 5	
Measure 6	
Measure 7	
Measure 8	
Measure 9	
Measure 10	
PA Project Description:	Compressed air system controls project at a food processor to bring (1) 200 HP and (2) 125 HP compressors in two separate areas running on their individual pressure bands into a single central arrangement.
PA Ex Ante kW Demand Reduction	66.8
PA Ex Ante Annual kWh Impacts	621,245.0
PA Ex Ante Annual Therm Impacts	1.0
PA Proposed Incentive \$ (to Customer)	\$42,210.64
PA Proposed Total Payment to Implementer \$ (not to include the above incentive to customer)	
CPUC Staff Approved Ex Ante kW Demand Reduction	66.8
CPUC Staff Approved Ex Ante Annual kWh Impacts	621,245.0
CPUC Staff Approved Ex Ante Annual Therm Impacts	1.0
CPUC Staff Primary Reviewer Name	
CPUC Staff Primary Reviewer Firm	SBW Consulting

CPUC Staff Review Supervisor Name		
CPUC Staff Review Supervisor Firm	SBW Consulting	
PA Primary Reviewer Name		
PA Primary Reviewer Firm		
CPUC Staff Project Manager		
CPUC Staff Policy Authorization (as needed)		
CPUC Staff Recommendation Marked "X":		
	Application ready to proceed without exception	
x	Application ready to proceed with exception(s), as noted	
	Application rejected.	
	Application not ready for review, revised and resubmit as noted	
Action Number:	Summary of CPUC Staff Required Action by the PA:	Action Category
	<p>Measure EUL was defined as 15 years "based on DEER EUL for energy management systems (EMS)". The EUL for this add-on measure should be the RUL of the host equipment, namely the rotary screw compressors. We believe the correct EUL for the host equipment to be 13 years. This is based on a recent measure life study conducted by ERS (https://www.ers-inc.com/wp-content/uploads/2018/04/Measure-Life-Study_MA-Joint-Utilities_ERS.pdf, see table 4-3). The default RUL (and measure EUL) would therefore be 1/3 of the equipment EUL, or 4.3 years. Please update the measure EUL in project documentation.</p>	EUL/RUL

Note or Instruction Number:	CPUC Staff Notes or Instructions:	Instruction Category
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