

July 16, 2026

Rehana Lustyan

City of Visalia

Email: Rehana.Lustyan@visalia.gov

Re: SECOND round – Commissioning and Startup

Quote: Adder04_05062026_Rev5_City of Visalia

1) Gas Blending system (Preferred)

- ACS Service Tech to perform 2nd round of Commissioning for 67352, Blending Skid, City of Visalia (CA), up to two weeks (MON – FRI, travel time included).
- 1. Update programs in PLC and HMI
- 2. Check I/O between all valves, generator, switchgear.
- 3. With generator running at no load, set system to run off of 100% digester gas.
 - a. Ensure all pressure and flow requirements are met and no alarms are present during normal operation
- 4. Set system to run off of highest allowable natural gas blend.
 - a. Ensure that engine sees higher methane content
 - b. Run generator at no load and ensure all pressures and flow are maintained
- 5. Set system back to 100% digester gas and simulate changing digester levels.
 - a. Ensure system reacts by blending natural gas into the digester gas
 - b. Ensure engine sees changing methane content of gas
- 6. Run generator to 100% load on 100% digester gas and allow Cummins to tune emissions.
 - a. Ensure all pressures and flows are maintained throughout all load levels
- 7. Shut generator down, switch to highest allowable NG blend. Run generator to 100% load on NG blend and allow Cummins to tune emissions.
- 8. Blend at middle methane content value and run generator up to full load and allow Cummins to tune emissions.
- 9. Set system in automatic and allow generator to run at multiple loads with changing methane content and ensure all emissions, flow, and pressure are met.
 - a. Ensure methane content does not change more than specified amount at any point.
- 10. Complete commissioning report.
- Additional labor to the two weeks standard commissioning time will be charged separately at a \$3,000 daily rate.

<i>Sub-total of parts</i>	:	\$	0.00
<i>Taxes (parts – 8.5%)</i>	:	\$	0.00
<i>Sub-total service and travel</i>	:	\$	33,750.00
<i>Taxes (labor – ZERO)</i>	:	\$	0.00
Sum of blending skid commissioning	:	\$	33,750.00

2) Switchgear and Master Control

- PECO to perform 2nd round of Commissioning for 67352, Blending Skid, City of Visalia (CA), up to three weeks (MON – FRI, travel time included).

1. Week #1 PEECO additional site support for the following days:

- 10/5/26 – (1) 12 Hour Travel Day during Daytime Normal Hours (8 Hours Normal, 4 Hours OT)
- 10/6/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
 - (1) Include Remote/Virtual Assistance from Power Systems Engineer
- 10/7/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
 - (1) Include Remote/Virtual Assistance from Power Systems Engineer
- 10/8/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
 - (1) Include Remote/Virtual Assistance from Power Systems Engineer
- 10/9/26 – (1) 12 Hour Travel Day during Daytime Normal Hours (8 Hours Normal, 4 Hours OT)
 - Includes Flights, Travel, Meals, Lodging, etc

2. Week #2 PEECO additional site support for the following days:

- 10/12/26 – (1) 12 Hour Travel Day during Daytime Normal Hours (8 Hours Normal, 4 Hours OT)
- 10/13/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
 - (1) Include Remote/Virtual Assistance from Power Systems Engineer
- 10/14/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
 - (1) Include Remote/Virtual Assistance from Power Systems Engineer
- 10/15/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
 - (1) Include Remote/Virtual Assistance from Power Systems Engineer
- 10/16/26 – (1) 12 Hour Travel Day during Daytime Normal Hours (8 Hours Normal, 4 Hours OT)
 - Includes Flights, Travel, Meals, Lodging, etc.

3. Week #3 PEECO additional site support for the following days:

- 10/19/26 – (1) 12 Hour Travel Day during Daytime Normal Hours (8 Hours Normal, 4 Hours OT)
- 10/20/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
- 10/21/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
- 10/22/26 – (1) 8 Hour Work Day during Daytime Hours for (1) Specialist Technician
- 10/23/26 – (1) 12 Hour Travel Day during Daytime Normal Hours (8 Hours Normal, 4 Hours OT)
 - Includes Flights, Travel, Meals, Lodging, etc.

Clarifications

1. PEECO will utilize Monday & Friday as Travel Days
2. PEECO does not have any off hours labor included in this proposal. If any overtime hours are included, this will be billed out separately. If OT Hours are required, Cummins must get this approved by management before technician is allowed to work additional hours
3. This proposal includes (1) Mobilization to and from the site for each week quoted. If any additional mobilizations are required, costs will be associated.
4. This quote assumes that all of the existing components in the PEECO Visalia switchgear equipment are in working order. If any devices are found to be inoperable or defective, PEECO can supply a separate quote to replace these parts.
5. If PEECO has to cancel either of these dates due to the site not being ready, cancellation fees may apply to Re- Schedule.

- Additional labor to the three weeks standard commissioning time will be charged separately at a \$6,600 daily rate.

<i>Sub-total of parts</i>	:	\$	0.00
<i>Taxes (parts – 8.5%)</i>	:	\$	0.00
<i>Sub-total service and travel</i>	:	\$	111,815.00
<i>Taxes (labor – ZERO)</i>	:	\$	0.00
Sum of Switchgear and Master Control commissioning	:	\$	111,815.00

3) SCR System

- Miratech to perform Commissioning for the exhaust gas aftertreatment at City of Visalia (CA), up to three weeks (MON – FRI, travel time included).
Equipment purchase PO2312 from 8/13/2019 included one week of commissioning and start up to be executed in 2020.
1. Test and startup all sensors, urea injection, air pressure and air injection. Ensure all electrically operated valves and pumps work correctly and all sensors are reading accurately. Replace any non-functioning components as necessary.
 2. Test all I/O with the generator and switchgear and ensure that each side is receiving the proper signals and load levels.
 3. After engine has been run for 4 hours at full load for break in, let exhaust components cool sufficiently to allow access for work.
 4. Open SCR housing and load SCR bricks with sealing material.
 5. Close SCR housing and seal with gasket.
 6. Start and operate generator at full load until sufficient catalyst temperature is achieved.
 7. Start injection and begin setting up the load/injection table. Fine tune injection until proper emissions reduction is achieved.
 8. Reduce load in 10% steps and tune the load table as necessary to achieve proper emissions reduction. Continue until all load steps are tuned down to customer specified level, usually 50% load.
 9. Save all changes to all tables and operating parameters.
 10. Test all warning and shutdown points and fine tune warning and shutdown levels. Ensure that the warnings and shutdowns announce properly on the SCR HMI screen and send proper signals to the generator or switchgear for warning or shutdown of the generator. During these tests, SCR injection may be stopped temporarily to cause faults to appear.
 11. Operate generator in automatic mode and log to ensure proper operation.
 12. Complete commissioning report.
- Additional labor to the three weeks standard commissioning time will be charged separately at a \$3,000 daily rate.

<i>Sub-total of parts</i>	:	\$	0.00
<i>Taxes (parts – 8.5%)</i>	:	\$	0.00
<i>Sub-total service and travel</i>	:	\$	47,725.00
<i>Taxes (labor – ZERO)</i>	:	\$	0.00
Sum of SCR System commissioning	:	\$	47,725.00

4) Engine-Generator Cummins

- Cummins to perform 2nd round of Commissioning for Biogas/Natural Gas Genset at City of Visalia (CA), up to three weeks (MON – FRI, travel time included).

Equipment purchase PO1038 included one week of commissioning and start up.

It is assumed by the completion of the Pre-Start Checklist as provided by the Cummins Commissioning Team at time of site start-up request, that the customer has certified that the site is ready for commissioning. If Cummins personnel travel to the site and find it not-ready according to the checklist, the customer will be responsible for all costs associated with any site-related delays, including additional trips required by Cummins personnel.

Inspections/Checks:

- Visual inspection of wires, wire numbers and terminal connections
- Power up GIB and test customer I/O connections
- Genset/engine trouble shooting
- Gas train pressure adjustment
- Coolant pipe work
- Variable Frequency Drives
- Coolant level/pressure switch adjustment
- Inspect AVM for proper installation
- HV alternator polarization index test
- Vent air out of coolant system
- Purge air out of fuel pipework
- Verify PT/CT lines
- Alternator connections
- Verify genset circuit breaker operation
- Pre-start check-ups: engine oil, air filters, coolant level, gas train filter
- Check pump, radiator fan, vent fan operation, rotation

Operator Training (standard 4hr):

- | | |
|---|---|
| • Brief overview of the Engine and Genset | • Basic troubleshooting |
| • Coolant circuit and coolant flow review | • Oil sampling procedure |
| • Exhaust flow review | • Balance of plant system and control overview |
| • Gas train and fuel flow review | • Switchgear training (if applicable on Cummins supplied equipment) |
| • Genset HMI overview | • Q & A session |
| • Recommended daily checks | |
| • Demonstrate manual start and stop of the genset | |

- Additional labor to the three weeks standard commissioning time will be charged separately at a \$3,400 daily rate.

<i>Sub-total of parts</i>	:	\$	0.00
<i>Taxes (parts – 8.5%)</i>	:	\$	0.00
<i>Sub-total service and travel</i>	:	\$	109,113.00
<i>Taxes (labor – ZERO)</i>	:	\$	0.00
Sum of Genset commissioning	:	\$	109,113.00



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THAT'S ALWAYS ON.**

Price for the above listed herein : \$302,403.00 USD total.

Deduct from PO2312 (SCR system) : - \$ 14,275.00

Deduct from PO1038 (Genset) : - \$ 36,371.00

Price for the above listed herein: **\$251,757.00 USD** total. *Taxes included.*

In acceptance of this proposal, please issue Purchase Order to:

Augusto Lange Tubino

Proposal Adder04_05062026_Rev5_City of Visalia

Cummins Inc. d/b/a CSSNA IGB

435 Bergen Ave

Kearny, NJ 07032

United States of America

Payment Terms:

- 100% upon completion of the service.
- Payments are due thirty (30) days from the date of invoice contingent on credit approval.

Sincerely,

Augusto Tubino

Senior Sales Executive – Power Generation

Cummins Inc.

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