



June 15, 2018

Melissa Passarello
1786 Chalker Hill Road
Glastonbury, CT 06033

Dear Melissa:

As of March 29, 2018 the final noise study was completed at the Chalker Hill Road site. Following a significant effort and over two winter seasons of operation, here are the findings and conclusions of the effort:

- 1) From the start of operations of the Fuel Cell site the project has met all state requirements per Connecticut Department of Energy and Environmental Protection (CTDEEP) Performance Noise Standards as defined by the State of Connecticut Regulations promulgated under Title 22a, Sections 69-1 through 69-7.4, Control of Noise.
- 2) Over time through combined efforts between UIL Distributed Resources ("UDR"), FuelCell Energy and the Connecticut Natural Gas Corporation noise levels have further improved through the use of noise insulation materials at various emitting points, the management of gas flow operations and installation of other noise control mechanisms. This has been a voluntary collaboration between the companies and we have proactively kept you informed along the way.
- 3) Verification was performed by administering noise level measurements at various times over the last two winter seasons. As a result, the noise levels have been verified to be below the CTDEEP requirements. In summary, measurements were taken typically during the hours of 4:00-7 AM, during consistent weather days and at 7 receptor points in front and rear side of residential properties along Chalker Hill Road. CTDEEP requirements are 56 dBA (daytime 7AM to 10 PM) and 46 dBA (nighttime 10PM- 7AM). The final noise study results indicate values of 43 dBA at receptor point 7 (defined to be at the front of the driveway closest to the project site). The table and photo below provides the noise level results for each receptor location where the overall results have met and are well below the legal requirements.

#	dBA	#	dBA
1	36	5	39
2	37	6	38
3	38	7	43
4	38		



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As part of the Chalker Hill community UDR has worked collaboratively to improve upon the operations of this facility so that it may have minimal effect to the surrounding area. UDR has personally observed and verified from a technical point of view that noise levels are well within legal requirements.

Based on these results UIL Distributed Resources considers this effort complete.

Regards,

Devang Patel
General Manager
UIL Distributed Resources, LLC

CC: Melanie Bachman – Executive Director and Staff Attorney – Connecticut Siting Council
Richard J. Johnson -Town Manager- Town of Glastonbury