



Revision status					
Rev.	Description / remark	Date	Prepared	Checked	Approved
00	Efficiency Letter	05/20/16	Sangeorzan	Höhne	Höhne
Created by: Petru Sangeorzan					
GLOBAL ENERGY SOLUTIONS, INC					
Project: Fiberight Hampden Maine					

Dear Mr. Alwin

The system we are providing will effectively remove **95+% of the HCl** using hydrated lime at the temperatures you are looking at (<330F).

Hydrated lime also aids in mercury removal by eliminating acid mist that can condense onto the carbon pores; it also can hinder inherent removal by taking out chlorides that are naturally in the process that play an important role in activating the mercury and allowing it to be captured.

The system we are providing will effectively remove **95+% of the mercury.**

SO2 removal with lime is more challenging, as it is very temperature sensitive. The system we are providing will effectively remove **85+% of the SO2.**

The system will comply with all EPA requirements regarding the acid gases and filterable particulate matter.

A final design of our system will be submitted shortly after the receipt of your order to proceed.

Best Regards

R&R Beth Filtration