



Read Our Latest Case Study

In December 2021, Atlanta based GPG Genflex replaced UV with SST LED on a 5-year-old Mark Andy P7 8 x 17" and 20 year old Mark Andy 2200 6 x 13" press.

6-MONTH FOLLOW UP



Impacts on Productivity and Quality

- **Maintenance time reduced 95%**
 - 40 hours per month reduced to 2
- **Eliminated off-site UV station repairs**
 - Average 2-per-year for \$12,000
 - Station was off-site for 2-3 weeks per event
- **Exhaust system maintenance eliminated**
- **Maintenance department "LOVES IT"**
- **Eliminate warmup and cool down time of 30 minutes per day**
- **10% - 15% faster than UV and 25% faster than water-based**
- **Much higher opacity white and less brittle post cure**
- **Higher color densities**

“Much easier to navigate and maintain than the competitive conventional LED system we have.

- SHAWN HENDRIX, OPERATIONS MANAGER
SHENDRIX@GENFLEXLABEL.COM

Environmental and Energy Impacts

	Tons of Carbon Emissions / Yr				\$'s of Energy cost / Yr			
	Equipment		Reduction		Equipment		Reduction	
System	UV	SST LED	Tons	%	UV	SST LED	\$'s	%
Ink curing	157	15	-142	-90%	\$ 32,358	\$ 2,459	\$(29,899)	-92%
Exhaust	28	0	-28	-100%	\$ 5,839	\$ -	\$(5,839)	-100%
Total	185	15	-170	-92%	\$ 38,197	\$ 2,459	\$(35,738)	-94%

Additional Observations

- Retrofit installation was very smooth and took less than 6 hrs per press
- Training was fast and effective
- No service or support has been needed since installation
- Were able to remove the entire exhaust system
- A much quieter work environment with removal of exhaust systems
- Much smaller footprint and more organized workspace

“It was everything that was promised and more. We will be adding SST LED to other presses in the near future.

