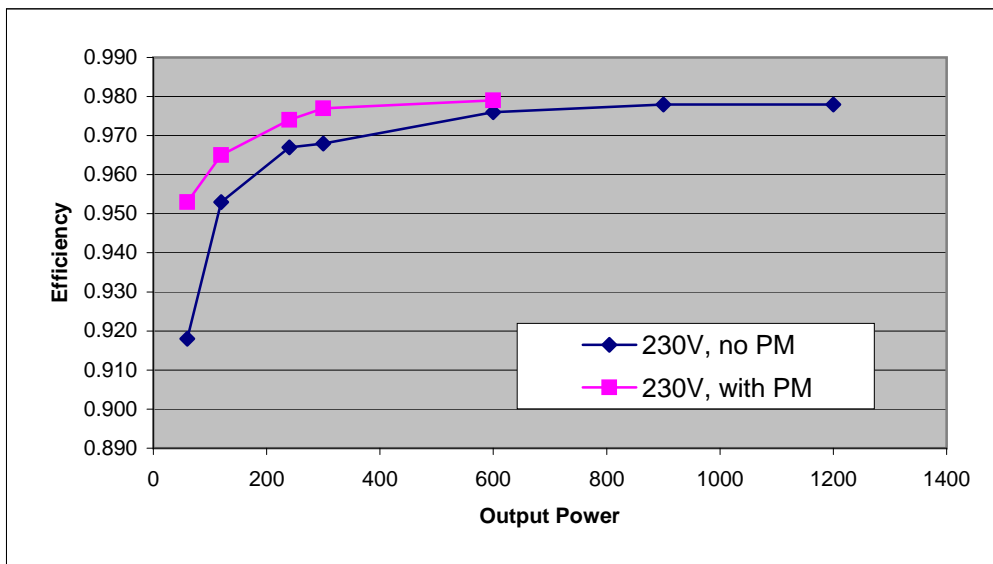
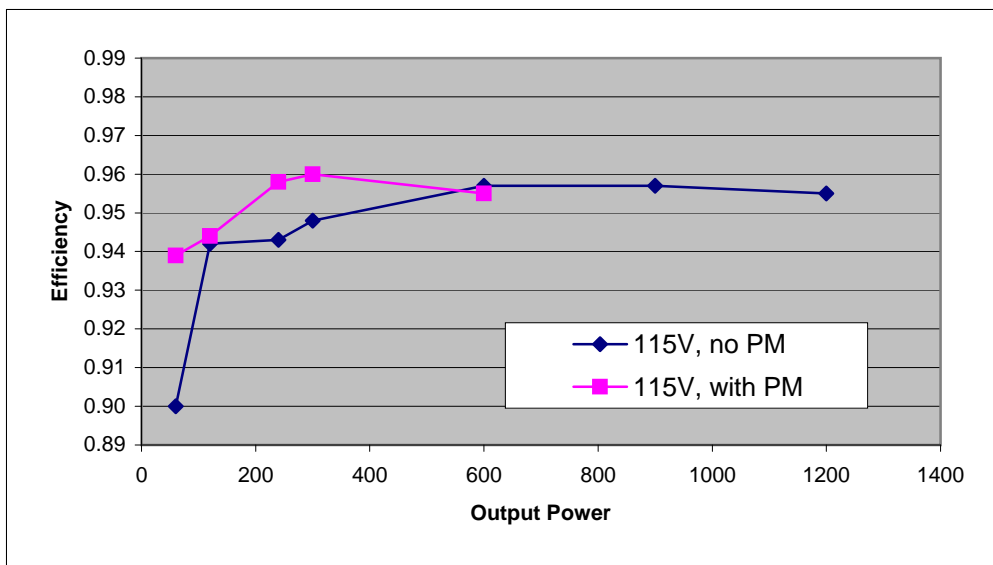


Efficiency boost by shut-down of one phase when using UCC28070.
 Data taken Sept 04, 2007 on 1200W PFC systems evaluation board.

Oct 29, 2007
 U. Goerke

Loading	Pout (W)	% Efficiency w/o P.M.		% Efficiency w/ P.M.	
		115V input	230V input	115V input	230V input
100%	1200	0.955	0.978		
75%	900	0.957	0.978		
50%	600	0.957	0.976	0.955	0.979
25%	300	0.948	0.968	0.960	0.977
20%	240	0.943	0.967	0.958	0.974
10%	120	0.942	0.953	0.944	0.965
5%	60	0.900	0.918	0.939	0.953



**PFC Efficiency without and with
Light-load Phase Management**

