



**Jackson Purchase Energy**  
P.O. Box 4030 • 2900 Irvin Cobb Drive  
Paducah, KY 42002-4030  
270/442-7321 • 800/633-4044

*Your Cooperative Partner by Choice  
Visit Our Web Site [www.JPEnergy.com](http://www.JPEnergy.com)*

April 11, 2016

Executive Director  
Kentucky Public Service Commission  
P.O. Box 615  
Frankfort, KY 40602-4636

**RE: 2015 Reliability Report**

Please find enclosed Jackson Purchase Energy Corporation's 2015 Reliability report.

If you have any questions please let us know.

Thank You,

A handwritten signature in blue ink that reads "Scott Ribble".

Scott Ribble, P.E.  
VP of Engineering and Operations  
Jackson Purchase Energy Corporation

**RECEIVED**  
**APR 14 2016**  
Public Service  
Commission



Your Touchstone Energy® Partner  
The power of human connections

KENTUCKY PUBLIC SERVICE COMMISSION

Circuit Name	Circuit Number	Circuit Location	Substation Name	Substation	Avla # of Customers	Previous Year		2015 SAIFI		Comparison	Circuit Length	Date of Last Trim For		Previous 5 Year Average SAIFI		2015 SAIFI Excluding		# of Outage Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause	% Cause																																									
						Average SAIFI	MDI	Excluding	MDI			Year	Year	Year	Year																																																											
Hamilton South	501	5001-Hampton South	Joy	5	192,4915	1.75931177	1.59859315	PSC	More Info Req			4/12-5/11/12	22,229871	84,102235	PSC	More Info Req	0	100	Construction	0	110	Maintenance	0	190	Other Plan	0	300	Mate	0	310	Install	0	320	Condi	0	340	Overloa	0	350	Misc	0	360	Other Equipment install.	0	400	Decay/Age	0.07	420	Tree Growth	0.11	430	Tree fa	0.44	440	Trees	0	470	Borrower Crew	0	490	Maintenance, C	0	500	Lightning	0	510	Wind, Not Tree	0	520	Ice, Sleet, Frost,	0	530	Flood	0