System Planning

MEMORANDUM

TO: Transmission Customers

FROM: Lakeland Electric – System Planning

DATE: April 28, 2017

SUBJECT: **Transmission System Losses for 2017**

Real Power Losses:

Real Power Losses are associated with all transmission service. The City of Lakeland is not obligated to provide Real Power Losses. The Transmission Customer is responsible for replacing losses associated with all transmission service as calculated by the City of Lakeland. Capacity designations at the Point(s) of Receipt shall be inclusive of transmission losses. Fractional MWs are carried forward to the next hour.

Transmission Loss Factor:

Energy Delivery – System Planning has completed the annual review of the transmission loss factor for 2017. The results below for 2017 are based on an analysis of the 2016/17 FRCC Operations Planning Models.

System Average Transmission Loss Percentage is computed to be 1.01%. This means that 1.01 MW of additional transmission losses occurs for a 100 MW transfer.

Please distribute as needed in your area for implementation effective immediately.