



Memo

To: David Plyman

From: Jason Bird

CC: Sue Messer

Date: 3/20/2017

Re: RTAC Replacement

RMU is currently using SEL-2032 and SEL-3355 communications processors for data transfer between RMU substations, PJM and Com Ed. Currently all SEL-2032 processors are sending data to the SEL-3355 for OSII SCADA interface. By the data going to one device before reaching the SCADA system this is a single point of failure. SEL has a replacement device (RTAC) for the older style 2032 processors. The RTAC has multiple Ethernet ports that support the DNP communications protocol currently being implemented by RMU in the SCADA system. BHMG's proposal is for the replacement of the 2032 .

The benefits of replacing the existing processors are individual communications to each substation over a single point of failure. Being able to bring back additional data to our SCADA system, and getting better fault data analysis to determine the root cause of an outage brought back to the SCADA system.

Jason Bird

Superintendent of Electric Operations.

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