

MV-90 xi TCP/IP Communication Update

Revenue Metering Standing Committee
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- IESO currently interrogates over 3500 meters daily.
- 4 MV-COMM stations (64 lines) dialing through direct lines.
- Many different modem types
- Large majority of meters use POTS, few cellular (analog), few satellite, and TCP/IP.

- Business Case was submitted requesting the implementation of the TCP/IP package to MV-90
- Hydro One Networks Inc. was the only participant with whom we ran the project with.
- Today we interrogate 118 meters using the MV-90 TCP/IP package.

- Of the 118 calls placed:

Retry 00	111
Retry 01	3
Retry 02	0
Retry 03	1
Retry 04	0

- Need less retries to collect data.
- Increased reliability of communication

Time required to download 24 hours of data

	New TIM	Old TIM
TCPIP	4.5 minutes	9 minutes
POTS	2.8 minutes	4.2 minutes

