

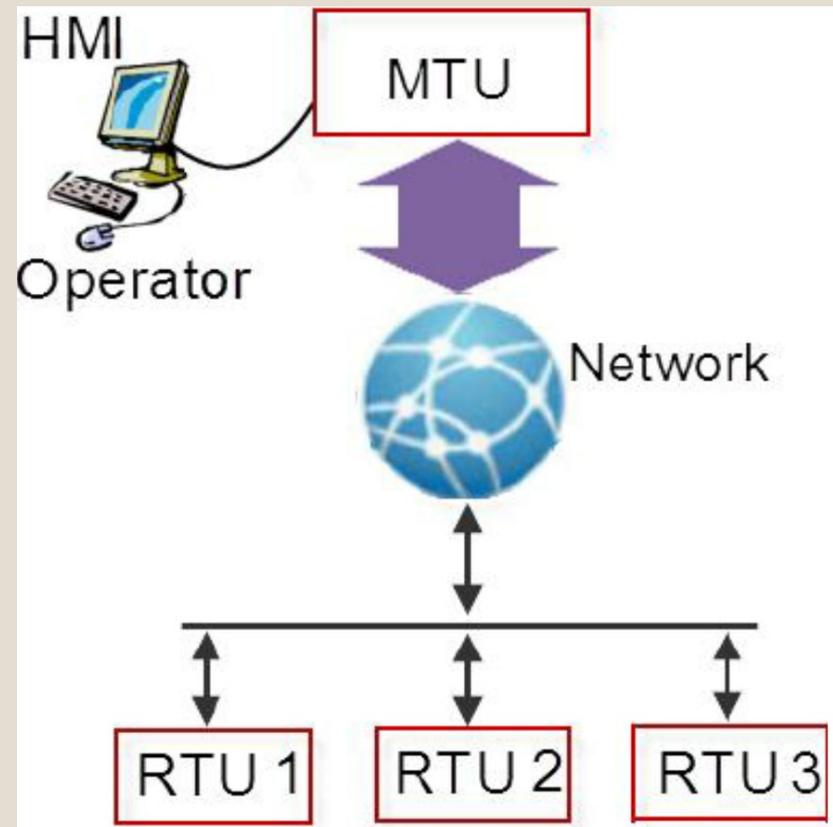


**SCADA Master Plan
And
Asset Management Plan
December 16th, 2020
AFNWA Operators Workshop
John Lam,
Manager of Engineering**

SCADA Master Plan

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- What is SCADA?
- Why would First Nations communities benefit from a SCADA master plan?
- ISC funding for development of SCADA master plan
- Participation of 14+ communities
- Eramosa Engineering to develop master plan



SCADA Master Plan

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- Participation of 14+ communities

Participating Communities

Elsipogtog First Nation	Millbrook First Nation
Kingsclear First Nation	Paq'tnkek First Nation
Oromocto First Nation	Pictou Landing First Nation
Tobique First Nation	Potlotek First Nation
Eskasoni First Nation	Sipekne'katik First Nation
Glooscap First Nation	Abegweit First Nation
Membertou First Nation	Lennox Island First Nation

SCADA Master Plan

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- ISC funding was approved for \$250,000
- RFPs sent to seven consultants for SCADA Master Plan
- Four proposals were received on November 12
 - Eramosa with EMW as sub
 - EMA with CBCL as sub
 - Dillon with Panelshop as sub
 - WSP
- Negotiated with our preferred proponent, Eramosa
- Changes in the program included:
 - Additional reviews, attendance of site visits by AFNWA, adding communities and unforeseen costs due to travel restrictions
- Completion by September 2021

Asset Management Plan

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- Enhanced Asset Management within each community needed for financial sustainability of the AFNWA
- Effective Asset Management will include:
 - Framework to manage assets
 - Asset inventory and condition
 - Capital investment plans
 - Full understanding of system O&M to achieve performance
- ISC funding secured for the AMP
- RFPs to 8 consultants on November 26, closes December 18, project start on January 15
- Same 14 communities listed in RFP
- Any First Nation community in Atlantic Canada can join

Asset Management Plan

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- **Deliverables include:**
 - Detailed asset inventory
 - Development of business processes for AMP development & updates
 - Field data/condition from site visits, gap analysis and operational survey
 - Treatment facility assessments to meet regulatory criteria including GUDI assessment of groundwater supplies
- **10-year capital investment plan based on:**
 - Priority, risk of failure, failure to perform to standards
- **Completion of final draft by December 1, 2021**

Thank you!

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Questions?