# **NEXT GENERATION HYDRO -ENGAGEMENT AND TECHNICAL PROCESS OVERVIEW**

Two teams, engagement and technical, are working together to achieve the work identified in the Next Generation Hydro Work Plan.

The chart below demonstrates the key activities in each stream of work over the course of 2015.

The **Technical Team** will work to the end of 2015 to narrow the number of potential hydro sites based on the criteria identified in the Yukon Hydroelectric Power Planning Directive. The team will draft a number of technical reports that will assess the feasibility of the short listed potential hydro projects against the Directive criteria.

The **Engagement Team** will work along-side the technical team to inform and receive input from First Nations, as well as stakeholders and the public, as technical papers are produced. Engagement feedback will be collected and reported in the Next Generation Hydro Discussion Paper and will be considered in the development of the Next Generation Hydro and Transmission Viability Study.

- ▶ Review and analysis of all potential hydro sites in the Yukon against Directive and Screening Criteria
- ▶ Research and analysis of Technical Paper #0: Site Screening Inventory Report
- ▶ Research and analysis of Technical Paper #1: Economic Growth Scenarios & Energy Demand Forecasts

Event #1-

on website)

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(video to be placed

- ► Technical Paper #0 - Site Screening Inventory report completed and short list of potential hydroelectric projects announced
- ▶ Research and Technical Paper #1technical analysis Economic Growth of Technical Papers Scenarios & Energy #2-#6

- ▶ Release of Draft Technical Papers #2-#6
- ▶ Development of Next Generation Hydro and Transmission Viability Study based on the results of the Technical Papers #0-#6
- ▶ YDC Board reviews Viability Study and Next Generation Hydro Discussion Paper and makes recommendations for Business Case development

▶ Release of Next Generation

Hydro and Transmission

Viability Study

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- ▶ Development of **Next Generation** Hydro Business Case
- ▶ YDC Board presents Next Generation Hydro **Business Case** to Minster Responsible for YDC

OCTOBER - DECEMBER, 2014

JANUARY - FEBRUARY, 2015

▶ Release of

**Demand Forecasts** 

**MARCH - MAY, 2015** 

SEPTEMBER - OCTOBER, 2015

**END OF 2015** 

OCTOBER 2014

### **NEXT GENERATION HYDRO - ENGAGEMENT AND TECHNICAL PROCESS**

DECEMBER 2015

### OCTOBER - DECEMBER, 2014

- Letters and calls to First Nations to introduce the project
- Calls and interviews with kev stakeholder groups to record interests and concerns
- ▶ Public Speaker ▶ Technical Workshop #1 -Introduction to **Next Generation** Hydro Phase 1

explained, input

received and

concerns are

identified.

- ▶ Public information Project Identification. The process and rationale are
- - Day 1: Presentation of the Short List Report
  - Day 2: Presentation and input sought on the Draft Technical Paper — Economic **Growth Scenarios** & Energy Demand Forecasts

### JANUARY - FEBRUARY, 2015

▶ Public Speaker

Presentation of

Event #2 - Jan 29 -

the Site Screening

Inventory & Draft

Technical Paper -

**Economic Growth** 

**Energy Demand** 

▶ Public Information

▶ On going meetings

First Nations and communities

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with affected

Scenarios &

Forecasts

- ▶ Technical Workshop #2 -January, 29-30:

- ▶ Yukon First Nations Energy Forum Part 2 -**Energy Investment** Opportunities and Best Practices
- Public Speaker Event #3 -Investment on website)

### **MARCH - MAY, 2015**

- ▶ On going meetings with affected First Nations and communities
- First Nation Energy (video to be placed

### SEPTEMBER - OCTOBER, 2015

- ▶ Technical Workshop (2 day) -Presentation and feedback on Draft Technical Papers #2-#6
- ▶ Public Speaker Event #4 Towards a Next Generation Hydro and Transmission Viability Study (video to be placed on website)
- ▶ On going meetings with
- affected First Nations and communities ▶ Release of Next Generation ▶ Public information
- Hydro Engagement Discussion Paper (summary of engagement feedback received)
- ▶ "What we heard" communications to the public from the Discussion Paper

# **END OF 2015**

Next Generation Hydro Business Case Announcement

## **Technical Papers:**

- (#0) Site Screening Inventory (#1) Updated Economic Growth Scenarios & Energy Demand Forecasts
- (#2) Scalability of Next Generation Hydro Project Options (#3) Jurisdictional Transmission Line Technical Logistics Analysis
- (#4) Jurisdictional Transmission Connection Market Assessment (#5) Project Cost per Hydro Development Phase
- (#6) Positive and Negative Socio-economic and Environmental Effects



