# **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.

▶ Public Speaker

(video to be placed

▶ Public information

household flver

Event #1-

on website)

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 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 beconsidered in the development of the Next Generation Hydro and Transmission Viability Study.

▶ Review and ▶ Research and ▶ Research and ► Technical Paper ▶ Release of ▶ Research and ▶ Release of Draft ▶ Development of ▶ YDC Board reviews ▶ Development of analysis of all analysis of analysis of #0 - Site Screening Technical Paper #1technical analysis Technical Papers **Next Generation** Viability Study and **Next Generation** potential hydro Technical Paper #0: Technical Paper #1: Inventory report Economic Growth of Technical Papers #2-#6 Hydro and Transmis-**Next Generation** Hydro Business Economic Growth Scenarios & Energy sion Viability Study sites in the Yukon Site Screening completed and #2-#6 Hydro Discussion Case against Directive Inventory Report Scenarios & Energy short list of potential **Demand Forecasts** based on the results Paper and makes ▶ YDC Board and Screening Demand Forecasts hydroelectric of the Technical recommendations presents Next Criteria projects announced Papers #0-#6 for Business Case Generation Hydro development **Business Case** to Minster Responsible for YDC OCTOBER - DECEMBER, 2014 JANUARY - FEBRUARY, 2014 **MARCH - MAY, 2015 JUNE, 2015 JULY - SEPTEMBER, 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
- ▶ Technical Workshop #1 -Introduction to **Next Generation** Hydro Phase 1
- Project Identification. The process and rationale are explained, input received and concerns are

identified.

- Workshop #2 -January, 29-30:
- Day 1: Presentation of the Short List Report
- Day 2: Presentation and input sought on Paper — Economic **Growth Scenarios** & Energy Demand Forecasts

### JANUARY - FEBRUARY, 2014

▶ 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

household flver

with affected

Scenarios &

Forecasts

- ▶ Technical
- the Draft Technical

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

▶ On going meetings

First Nations and

with affected

communities

- ▶ Yukon First Nations Energy Forum Part 2 -**Energy Investment** Opportunities and Best Practices
- Public Speaker Event #3 -First Nation Energy Investment (video to be placed on website)

- ▶ 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)

### **JUNE, 2015**

- On going meetings with affected First Nations and communities Discussion Paper

### JULY - SEPTEMBER, 2015

- ▶ Release of Next ▶ Release of Next Generation Hydro Generation Hydro and Transmission Engagement
- (summary of ▶ Public information engagement household flver feedback received

Viability Study

▶ On going meetings "What we heard" with affected communications First Nations and to the public from communities 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



