Clean Energy BC's
OPERATIONS WORKSHOP

Thursday June 13 2019
Hyatt Regency, Vancouver
www.cleanenergybc.org
ASHLU CREEK
10 YEAR REFURBISHMENT

KEVIN CRYAN, P.ENG.
JUNE 13, 2019
ASHLU CREEK HYDROELECTRIC FACILITY

Commissioned- 2009
3 Horizontal Fancis Turbines
Capacity- 50MW
Design Flow- 29m³/s
Net Head- 208.25m
TURBINE OVERVIEW
MAJOR WEAR COMPONENTS
Downstream head cover
MAJOR WEAR COMPONENTS
Upstream Labyrinth and Upstream Headcover
MAJOR WEAR COMPONENTS
Cheek Plates
MAJOR WEAR COMPONENTS
Cheek Plates
MAJOR WEAR COMPONENTS

Wicket Gates
COMPONENT REFURBISHMENT

Downstream Headcover
COMPONENT REFURBISHMENT

Cheek Plates
COMPONENT REFURBISHMENT

Wicket Gates