Snowmaker Seminar Session Descriptions

Snowmakers Roundtable - *45 minutes with Andrew Barrie at Adventure Center*

Goal: to facilitate the introductions of snowmakers to one another, and encourage sharing of solutions to challenges and best practices of snowmaking.

Basic Electrical Theory, Meters, Safety & Schematic Overview Class – *90 minutes with Adam Holmes and Mark Sellingham at Adventure Center*

Goal: to cover the basics of electrical theories (AC/DC, Circuits, etc.), safety (low and high voltage, protective equipment, lockout / tagout, etc.), and schematics (from reading a circuit to following a schematic for troubleshooting).

Pumphouse Controls and Communications, part 1 – *90 minutes with Ken Mack at Old River Pumphouse*

Goal: to increase understanding of the key components in instrumentation. Participants will identify and create a Process and Instrumentation diagram of key components and controls at the pumphouse, review PLC and pumphouse components, control voltages, sensor types, and more.

Pumphouse Controls and Communications, part 2 – *90 minutes with Ken Mack at Old River Pumphouse*

Goal: to increase understanding of how to troubleshoot problems that can shut down a pump and learn how to fix these and other potential problems.

Compressor Controls – *90 minutes with Mark Sellingham at Old River Pumphouse*

Goal: to increase understanding of the key compressor components, basic operation, and control logic of how the machine loads and unloads.

Tour and review of snowmaking equipment + system - *135 minutes with Adam Holmes at New River Pumphouse and Pond Reservoir – meet in Parking Lot*

Goal: to provide an interactive opportunity for learning and gaining insights into how Loon Mountain Resort built its snowmaking system and how it addresses the resort's needs.

Demos of other equipment – *90 minutes with HKD and TechnoAlpin at Adventure Center Parking Lot.*

Goal: to provide an opportunity for snowmakers to explore how different snowmaking equipment works from expert technicians and mechanics.