

# IPSC BULLETIN

3rd Quarter 2023

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## Renewal Project Update

### Generation

The Unit 4 Combustion Turbine, Steam Turbines, Generator, and auxiliary equipment and supplies arrived at the Port of Long Beach on June 21, 2023, onboard the BBC Kimberley, with the major equipment arriving on site July 21, 2023. TIC began assembling these component pieces in the laydown yard while waiting for foundation work to be completed. This included assembling the exhaust duct for the combustion turbines and inserting the generator rotors into the generator housing. They completed placing steam drums on Unit 3 and Unit 4 Heat Recovery Steam Generators (HRSGs). Assembly was continued on the HRSG high pressure piping and the emission control equipment inside the HRSG box. On Unit 3 HRSG, assembly began on the inlet duct that will transition from the rectangular HRSG box to the round combustion turbine outlet. Erection of the 186-foot-tall stack began by placing the first 10-foot-tall section on the foundation anchor bolts. Also started during this quarter was the assembly of Unit 3 and Unit 4 condensers. The most visible change to the site in the last quarter was the building of the two Fire/Service Water Tanks, including placement of the domed roof on the south 1A tank. These tanks are 71 feet tall and 70 feet in diameter. Each tank holds 1.6 million gallons. Assembly also started on the demineralized water storage tanks (250,000 gallons capacity, each).

Civil/Structural progress also came a long way during this quarter. All underground utility infrastructure work has been completed, except for the fire water system & fuel gas supply system. Backfill activities for the trenching required to place the 63 inch circulation water lines is nearing completion, with most other excavating activities backfilled to grade. In the Cooling Tower Unit, the underground piping is nearing completion and construction has commenced on the Cooling Tower Water Basins and circulation water pump structures. Steel assembly began for the main pipe racks for both Units 3 and 4, with two of the four levels being completed, and the mechanical piping on these two levels being installed. Steel construction for the generation enclosure buildings for both Units has also begun. By the end of this quarter, nearly 75% of the large concrete foundations on grade will have been completed. With over 75,000 yards of concrete poured. The power block duct-banks are 99% complete and 87% of embedded conduits have been installed. Electricians continue working on the power block main grid grounding, installing the electric heat tracing, and have begun preparations for major cable pulling activities.



During the third quarter of 2023, construction began on the new synchronous condensers. Siemens Energy, who are contracted for the installation of the synchronous condensers, began working with two sub-contractors, Sturgeon and WW Clyde. Installation was completed on the three Syncon foundations and work has begun on the building column foundations, as well as the three pipe trenches. Work also started on installing the conduit and grounding beneath the building floor.

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# Renewal Project—Cont.

## AC Switchyard Expansion



The IPP Renewed AC Switchyard Expansion Project made significant below-grade and above-ground progress during the third quarter of 2023. The AC Switchyard fire loop piping was completed, and the northern yard drainage ditch was finished. The 345kV Rack E overhead conductors were installed for Bus 1 and Bus 2, and Bays 2, 3, and 4. Overhead conductors were also installed over Bus 1 from Bay 5, to the first double-circuit monopole tower going to new Bank G transformers. Under-ground construction of foundations and concrete-encased duct-bank conduits continues for Rack E Bays 1A, 1, 2 and 3. Steel structures have been

completed for those bays, and the overhead conductors have been pulled and terminated. The 46kV Rack B ACES Auxiliary Power Line 1 construction close-out documentation was completed and the 46kV Rack C new steel rack supports are installed for all positions, with the overhead static shield conductors being installed.

In the AC Relay House, all new protection panels have been installed, and new SCADA RTU panels, that will be used to telemeter data to the Los Angeles Energy Control Center, have been set and powered up in preparation for project testing and commissioning. The 48VDC and 250VDC batteries have been replaced with new battery cells, and a state-of-the-art battery monitoring system has been installed to meet present-day NERC continuous monitoring requirements. In the Intermountain-Gonder Bank G area, all 345kV/230kV transformers are installed, the high-side steel has been erected, and power and control cables are being pulled and connected. The transformer blast firewalls have been set, and the overhead conductors are being installed.



The AC Switchyard to Generation back-feed data is presently projected for December 19, 2023, with substantial completion set for January 18, 2024. The final completion date for the AC Switchyard Expansion Project is still on target for May 3, 2024.

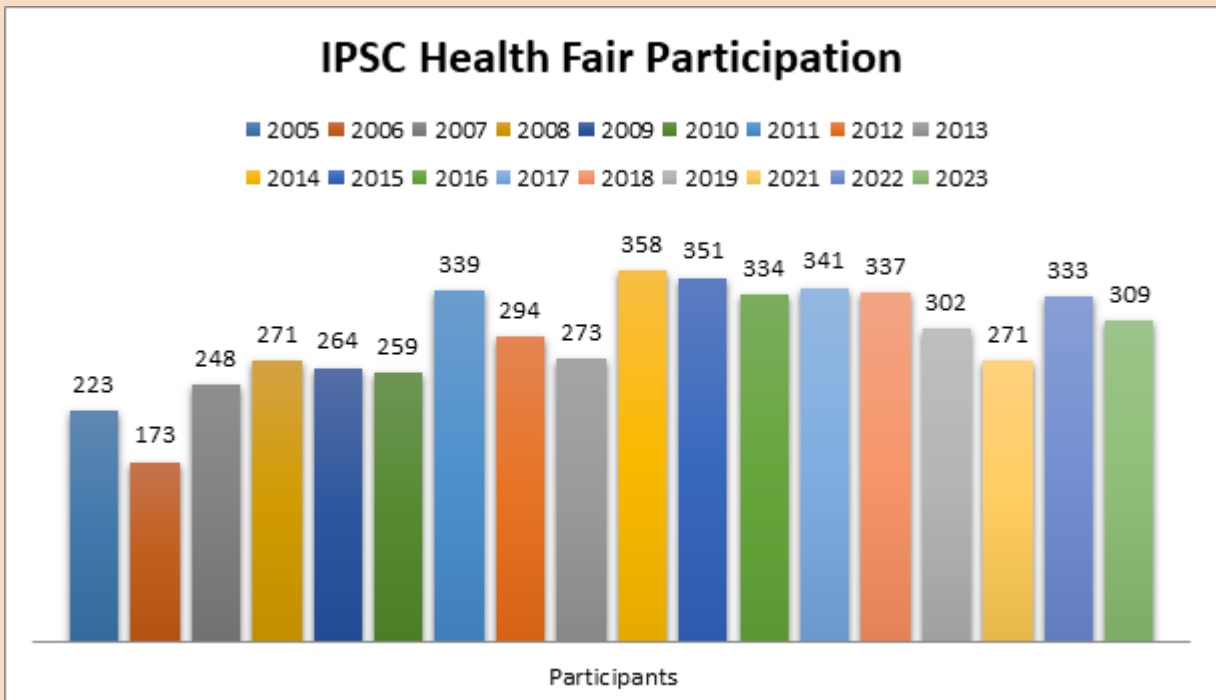
# Retiree



**Bryan Harris** lived in several communities during his childhood in Central Utah including Spring City, Wales, Pleasant Grove, Aurora, Richfield, and Glenwood. He graduated from Richfield High School in 1985. He has fond memories of his teenage years in the Sevier Valley (and mountains). He served a mission in San Antonio, Texas. He attended Snow College and graduated with an Associate of Applied Science degree in Electronics. While attending Snow College, he was given the opportunity to participate in a Cooperative Learning experience at IPSC. He worked in Computer Services from January through March of 1989 and again September through December of 1989. He was hired permanently in May 1990 as an Environmental Quality Control Technician. He married his “favorite” teacher – Valene Perkins in June, just weeks after starting his “first real job.” In January of 2002, Bryan transferred to the Computer Support group as an Associate Technical Analyst. He promoted to Technical Analyst, Lead Technical Analyst, and finally to Computer Service Supervisor in February 2022. Bryan is grateful for the many years of interesting projects to work on with many interesting people. During his career, he experienced the explosion of Local Area Networking, cell phones, the internet, personal computing devices (cell phones on steroids), computer viruses, and artificial intelligence. What will we think of next? Bryan is appreciative of the opportunity of having a stable career at IPSC and being able to raise his family in Central Utah. His retirement plans include spending more time with family (especially grandkids)!

# Health & Safety Fair

The 2023 Health and Safety Fair was held in September with 309 total participants. This is the second highest participation year of spouses and retirees. Participation was significant because the workforce has been reduced by over 100 employees in the past 10 years, which also results in a comparable reduction of spouses.



The screening tests offered this year were blood pressure, cholesterol, prostate, glucose, and metabolic panel levels.

Other Health Fair activities included:

- Blood drive
- Boot fair
- Flu shots
- Health Risk Assessment (HRA)
- Safety Activities
- Four lunch-time Wellness classes:
  - Retirement and Investment Planning
  - Suicide Intervention
  - Breathing and Relaxing Techniques.
  - Health Issues

# HONOR ROLL REPORT - 3rd Quarter

Consecutive Years Without a Lost-Time Accident

## JULY

### **THIRTY-NINE YEARS**

Robby Kelsey  
Will Lovell  
Rod Olcott

### **THIRTY-EIGHT YEARS**

Garry Christensen

### **THIRTY-SEVEN YEARS**

Bryan Cull  
Todd Hathaway

### **THIRTY-FOUR YEARS**

Clarke Christensen  
Preston Eliason

### **TWENTY-FOUR YEARS**

Kirk Woodbury

### **EIGHTEEN YEARS**

Matt Nichols

### **TWELVE YEARS**

Clark Callister  
Shawn Gonder  
Nick Grimshaw  
Carl Watson

## **TEN YEARS**

Garrick Andrews  
Jim Edwards  
Shaun Jeffery  
Vicki Lyman  
Derrick Petersen

Kyle Probert

Mike Roper

Gene Stanworth

T.J. Taylor

## **NINE YEARS**

Casey Draper

## **EIGHT YEARS**

Dave Fritzges  
Chad McPherson

## **TWO YEARS**

Mike Johnson

## AUGUST

### **THIRTY-SEVEN YEARS**

Russ Day

### **THIRTY-SIX YEARS**

Pam Bahr  
Rawlin Dutson

## **THIRTY-FIVE YEARS**

Jeff Payne

LaMar Stephenson

## **TWENTY-EIGHT YEARS**

Chet Wall

## **TWENTY-FIVE YEARS**

Glen Taylor

## **TWENTY-THREE YEARS**

Jeremy Young

## **TWENTY-TWO YEARS**

Christi Palmer

## **FIFTEEN YEARS**

Justin Abbott

Mike Steele

Michael Turner

## SEPTEMBER

### **FORTY YEARS**

Lloyd Westenskow

### **THIRTY-SIX YEARS**

Doug Hare

Cal Petersen

### **THIRTY-FOUR YEARS**

Kirk Harris

## **THIRTY-THREE YEARS**

John Melville

## **TWENTY-FOUR YEARS**

Brad Allen

## **EIGHTEEN YEARS**

Dahl Dalton

## **SIXTEEN YEARS**

Rick Fowles

## **FIFTEEN YEARS**

Stephen Hintze

Hans Lovell

Dustin Shepherd

## **FOURTEEN YEARS**

Luke Beckstrom

Shaun Bryan

Brian Moody

Jared Rogers

## **TWELVE YEARS**

Ron Mooney

## **ONE YEAR**

Alex Matesen

## *Personnel Statistics for July, August, September*

### RETIRED

Bryan Harris—Computer Services  
Supervisor

### TERMINATIONS

Dallas Finlinson—Maintenance  
Mechanic I  
Josh Mooney—Unit Operator

### PROMOTIONS

Devin Cheff—Insulator/Sheet Metal  
Worker

Seth Howlett—Auxiliary Operator A

Freddy Marquez—Auxiliary  
Operator A

Nathan Stewart—Computer  
Services Supervisor

Chris Mork—Asst. Superintendent  
of Operations

Kyle Church—Associate Technical  
Analyst

### NEW HIRE

Seth McLaws—EMT/Fire Systems  
Specialist

Kolby Andersen—Occupational  
Health Nurse

## *Safety Statistics*

<b>THINK SAFETY!</b>	July		August		September	
	Month	YTD	Month	YTD	Month	YTD
OSHA Recordable Incident Rate	0	0	0	0	3.91	1.32
Lost Time Incident Rate	0	0	0	0	0	0