IPSC BULLETIN

1st Quarter 2024

PUBLISHER & EDITOR EMILY HANSON

Renewal Project

Generation

This quarter, TIC continued to set the main centerline equipment. The high-pressure/intermediate-pressure (HPIP) steam turbine module, and the low-pressure (LP) steam turbine lower casing and rotor have been set on Unit 3. The placement of the combustion turbine (CT) piping modules has started. The generator and the HPIP steam turbine module have been set on Unit 4 and placing the CT piping modules has started. They also continued to set the balance of plant mechanical equipment, which included positioning the large condensate and circulating water pumps on the foundation. Most of the skid-mounted equipment, chemical tanks, and silos for the raw water treatment areas were set on the foundation, along with the installation of the interconnected piping. The air compressors and nitrogen compressors were arranged in the Nitrogen Generation Building. The fuel gas conditioning skids and ammonia storage tanks were put into place north of the power block. The Auxiliary Boiler arrived on site and was positioned on its foundation in the Water Treatment Building.

The Heat Recovery Steam Generators (HRSG) hydro testing began on Unit 3 and Unit 4. Five of the eight circuits on each Unit have been successfully tested, which is a large step toward achieving a boiler operating permit from the State of Utah. Additionally, the erection of Unit 4 HRSG exhaust stack was completed to the 109-foot stack damper elevation. The top 75-foot sections for each Unit have been assembled and are being detailed, (setting platforms, installing FAA lighting and conduit), prior to setting. Steel erection for both generation buildings is ongoing. Unit 3 roof sections were installed this quarter and the roof erection for Unit 4 is scheduled for completion the second week of April.

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Renewal Project—Cont.

The civil group continues with small scale excavating/backfill, which includes building and maintaining heavy capacity roadways and crane pads for the large mobile cranes being utilized onsite. The wet weather this quarter has kept workers busy maneuvering around mud and water to keep the site as dry and workable as possible. The final large trench excavation, that extends the electrical duct bank and service utilities into the switch yard, is about 80 percent complete. Concrete installation activities have been concentrated on the small utility support footings and equipment housekeeping pads. This work is about 75 percent completed with approximately 180 of the 240 miscellaneous pads completed to date. Substantial structural completion has occurred on Unit 3 Cooling Tower (CT). Unit 4 CT was erected this quarter and is about 75 percent complete. In the Raw Water Treatment Area, the Pre-treatment Water Clarifier Tank, the Thickener Tank, and the Pre-treatment Surge Tank have all been erected. Both Soda Ash Storage Silos have been installed and one of the two Lime Storage Silos has also been installed. Steel erection on the Raw Water Treatment and General Services Buildings has also been completed. Installation of the sheeting for these two buildings is ongoing.

Significant progress on the Synchronous Condenser Building was completed this quarter. The building foundations and floor slab were completed, as well as the primary and secondary steel framing, with sheeting installation well underway. The building footprint conduit, piping, and grounding are also finished, along with the interface tie-in points from the Generation Project. Foundation work for the main transformers has begun in preparation for their arrival in June. The main fired piping loop is now under construction.

Renewal Project—Cont.

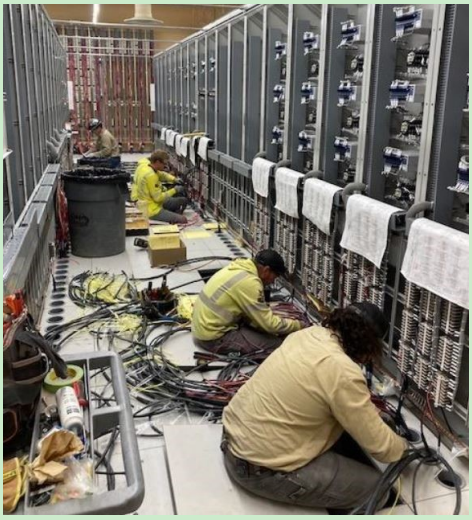
AC Switchyard Expansion

The IPP Renewed AC Switchyard Expansion Project entered the home stretch of work for final completion during the first quarter of 2024.

In January 2024, the 345kV AC Switchyard Bus 1 was extended to Rack E Bay 4. Both Bus 1 and Bus 2 are now energized and ready to provide back feed power to the new IPP Generator Unit 3 and power to energize the 345kV/46kV Bank J Tran former. The 345kV circuit breakers have been installed and tested and are awaiting final approval to be "Okay for Service" and in full operation. New capacitive-coupled voltage transformers (CCVTs) with harmonics measuring circuits were installed in Bay 4 for the 345kV Rack E Bus 1 voltage measurements.

Work continued through February and March in the 46kV Rack C area to finish installation of the disconnect switches and circuit breakers that will provide auxiliary power through tie-lines to the new Synchronous Condenser Units and the rest of the plant. Rack C will be finished, commissioned, and placed in service in the second quarter of 2024.

After the new circuit breakers in Bay 4 are commissioned and placed in service, back-feed power will be available for the new IPP Unit 3. The final completion date for the AC Switchyard Expansion Project is on target for May 3, 2024.



Significant progress was made in the AC Relay House to complete the interface wiring for alarm, control, and protection circuits and relays. Additional alarms, controls, and protection circuits and relays have been installed and are in the process of being terminated.

After the new circuit breakers in Bay 4 are commissioned and placed in service, back-feed power will be available for the new IPP Unit 3. The final completion date for the AC Switchyard Expansion Project is on target for May 3, 2024.

Retiree

Jim Young and his family moved to Delta, Utah, from Arizona. In 1985, Jim joined IPSC and started his career as a laborer. The following year he accepted the opportunity to work in the Operations Department and was eventually promoted to an A Operator.

Jim has an internal desire to increase his resilience and adaptability, so in 1996 he bid farewell to IPSC and ventured into the world of cows. It was then that he started living his dream as a dairyman. However, life had other plans and by 2001 circumstances led him back to IPSC, this time as a B Operator.

Within a year of his return to IPSC, Jim again striving for his potential, joined the Tech Services Department as a Maintenance Assistant. His dedication and hard work eventually led him to work as a Controls Mechanic/DCS Technician. Jim is a living testament to the opportunities for growth within IPSC.

In 2018 the Operations Department asked Jim to join their team as an Outside Supervisor. Jim found this position enjoyable. He appreciated the opportunity to work in the field with the Operations team and spent time mentoring and developing the department's rising generation.

Jim is a voracious learner. He utilized the company's education reimbursement program, possibly more than any other employee. The degrees and certificates earned while at IPSC include:

- Bachelor of Science: Computer Information Systems
- Master's Degree: Computer and Information Systems Security
- Certificate: Industrial Organizational Psychology
- Bachelor of Science: Psychology
- Bachelor of Science: Cyber Security

Jim retired from IPSC April 2024. The next week, he joined the ACES Hydrogen Production Team and led the Hydrogen Production Control Systems FAT (Factory Acceptance Test).

We wish Jim well in his retirement and new career with ACES. Of course, we would also be interested in learning about his continuing educational pursuits. Thank you Jim for your time with IPSC. We all enjoyed working with you.

HONOR ROLL REPORT - 1st Quarter

Consecutive Years Without a Lost-Time Accident

JANUARY

THIRTY-NINE YEARS
Thayne Atkinson
Scott Brinkman
Dave Bunker
Layne Harris
Cindy Jones
Chris Mork

THIRTY-SEVEN YEARS
Jim Hill
Mike Hodges
Larry Wahlberg

THIRTY-FOUR YEARS
Jeff Steele

THIRTY-THREE YEARS
Steve Boardman
Justin Rowlette

THIRTY YEARS
Robbie Taylor

TWENTY-THREE YEARS
Jim Young

TWENTY-ONE YEARS
Richard Young

SEVENTEEN YEARS
Dean Anderson
Don Smith

SIXTEEN YEARS
Lee Wahlberg

THIRTEEN YEARS
Jake Abbott
Kolby Bond
Helen Erickson
Scott Gilgen
Russ May
Jordan Rose
Wege Schena
Trevor Tolbert

ELEVEN YEARS
Joni Dutson

FEBRUARY

FORTY YEARS
Brian Bahr
Russ Carlson
LaMar Carroll
Rob Jeffery
Calvin Jones
Vance Lovell
Bob Shepherd

THIRTY-NINE YEARS
James Burr
Gena Rowlette

THIRTY-SEVEN YEARS
Cecil Crow

THIRTY-THREE YEARS
Scott Holman

TWENTY-THREE YEARS
Micah Chase
Jake Walker

TWENTY-ONE YEARS
Brandon George

SEVENTEEN YEARS
Kirk Stevens

FOURTEEN YEARS
Clint Nielson
Brad Robison
Tom Tasker

THIRTEEN YEARS
James Dean

EIGHT YEARS
Jason Borwegan
Jeremy Burton
Roger Denbow
Ryan Farr
Steven Holman
Brennen Lee
Jeffrey Oldroyd
Hugh Roberts
Mark Rowley

MARCH

FORTY-ONE YEARS
Jon Finlinson
Craig Jones

THIRTY-SEVEN YEARS
Ellen Lewis
Hoggan Nelson

THIRTY YEARS
Sandra Rowley

TWENTY-EIGHT YEARS
Dave Abbott

TWENTY-THREE YEARS
Sheldon Bronson

TWENTY-TWO YEARS
Bret Kent

SIXTEEN YEARS
Nick Finlinson
Steven Huber
Brandon Webb

FIFTEEN YEARS
Dillon Pace

FOURTEEN YEARS
Brandon Christensen
Kelly Thomas
Chris Holman
Lance Murdock

THIRTEEN YEARS
Mike Utley

ELEVEN YEARS
Karla Dutson

FIVE YEARS
Jeff Cole
Devin Cheff
Ana Crop
Devin Diaz
Jarrod Fleming
Seth Howlett
Blaine Larsen
Brock Moody
Hadley Myers
Bryan Oldroyd
Lorrin Price
Eldridge Travis

ONE YEAR
Laura Schena

Personnel Statistics for January, February, March

RETIRED

Jim Young—Operations Supervisor

TERMINATION

Casey Draper—Volts Facilitator
Jason Borwegen— Maintenance Mechanic I
Logan Jones—Auxiliary A Operator
Joey Swalberg—Auxiliary A Operator
Kirk Owens—Maintenance Mechanic I
Ryan Webster—I&C Technician
Jeremy Burton—Maintenance Mechanic I
Casey Moody—Maintenance Mechanic I

PROMOTION

Blaine Larsen—Converter Operator
Kory Morris—Converter Operator
Jake Nielson—Converter Operator
Joe Pruitt—Converter Operator
Mike Roper—Converter Operator
Brandon Webb—Elec/Mech Supervisor—CS
Joe Pruitt—Operations Supervisor—CS
Chey Lewis—Human Resource Analyst
Hadley Myers—Unit Operator
Brandon Shurtz—I&C Technician
Brock Moody—Auxiliary A Operator
Larry Wahlberg—Operations Supervisor

TRANSFER

Dillon Pace—Renewal Project
Shim Callister—Operations Supervisor

Safety Statistics

THINK SAFETY!	January		February		March	
	Month	YTD	Month	YTD	Month	YTD
OSHA Recordable Incident Rate	0	0.55	0	0.48	1	0.86
Lost Time Incident Rate	0	0	0	0	0	0