



AN ASSOCIATION OF INDEPENDENT POWER PRODUCERS IN THE ANTHRACITE AND BITUMINOUS COAL REGIONS OF THE UNITED STATES

2022 ARIPPA Annual Conference Program

Crowne Plaza Harrisburg Hershey Hotel

23 S. 2nd St.

Harrisburg, PA

TUESDAY, JUNE 14TH – TECHNICAL SYMPOSIUM, TRADE SHOW & LEGISLATIVE RECEPTION

8:00 AM - 5:00 PM – Registration Outside of Grand Ballroom:

Registered attendees will receive a packet of info needed for all events planned throughout the conference.

9:00 AM - 3:30 PM – Technical Symposium & Keynotes in Grand Ballroom:

Speakers times and topics enclosed. Community grants and keynote addresses by Trout Unlimited and the Pennsylvania Department of Environmental Protection.

11:30 AM - 1:30 PM – Trade Show & Lunch in Grand Ballroom:

Enjoy lunch while seeing all the latest in products and services and share info with colleagues. The first keynote presentation will also be at approximately 11:45 AM or once attendees are about to finish their meals.

3:30 PM - 6:00 PM – Trade Show & Legislative Networking Reception in Grand Ballroom:

Meet and greet with Pennsylvania state legislators and continuation of trade show. Cocktails and hors d'oeuvres will be served from 4:00 PM to 6:00 PM.

WEDNESDAY, JUNE 15TH – BOARD MEETING

9:00 AM - 12:00 PM – Board of Directors Meeting in Pennsylvania Room:

Board materials will be distributed at the meeting. Lunch will not be provided.



Crowne Plaza Harrisburg Hershey Hotel Info

23 South 2nd Street, Harrisburg, PA 17101
(717) 234-5021

Room Reservation [Link](#)

In order for the rates to show up, the dates must be entered in correctly.

ARIPPA Room Rate: \$117.00/night

Room Block Deadline: June 5th

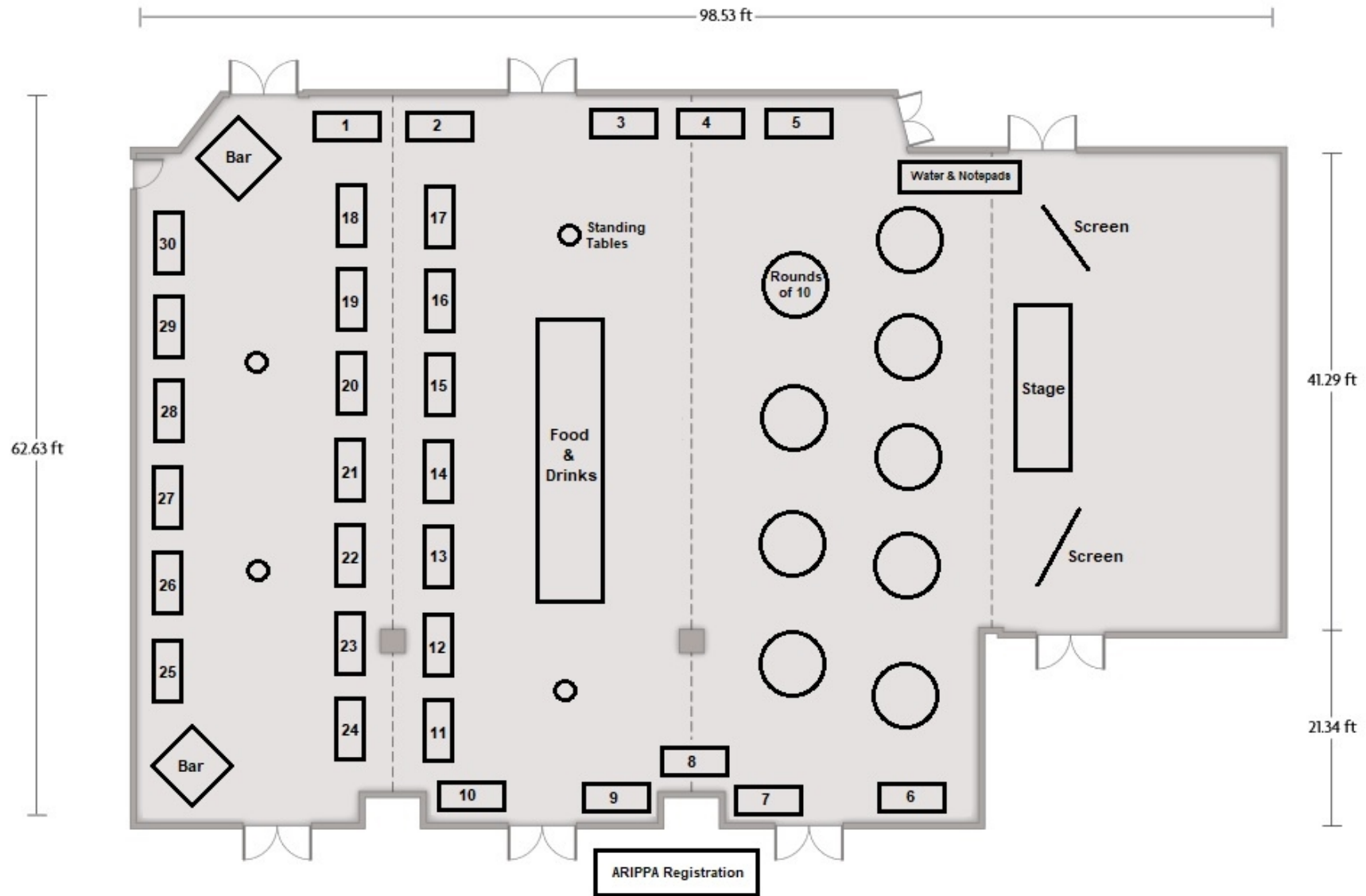


Crowne Plaza Harrisburg Hershey Hotel offers 260 newly renovated guestrooms and meeting space. Amenities include valet parking, free wi-fi, a fitness center, and a heated indoor pool. Guests can also enjoy breakfast, lunch, or dinner at the hotel's onsite restaurant, Restaurant23.

The hotel is located in the heart of downtown Harrisburg and is in walking distance to local restaurants, bars, and attractions. Its location offers easy access to Interstates 81 and 83, the Pennsylvania Turnpike, and is approximately 12 miles from the Harrisburg International Airport (MDT).

Individual guest reservations can be made by **calling 717-234-5021 and referencing the block code "ARI" or [online](#)**. The ARIPPA room rate is **\$117.00/night**. This rate will be offered by the Crowne Plaza for Monday, June 13th and Tuesday, June 14th and includes breakfast. Valet parking is available for overnight guests at the rate of \$25.00/day per vehicle.

Crowne Plaza® Harrisburg - Hershey - Grand Ballroom A,B,C & D





Annual Conference Schedule
Grand Ballroom
June 14, 2022

TIMES	PANELISTS
9:00 AM – 9:15 AM	OPENING REMARKS Jaret Gibbons, ARIPPA
9:15 AM – 9:45 AM	<u>NERC Compliance – Elevated Risk Areas and Recommended Generator Compliance Strategies</u> Stephen DiSalvo, AESI-US
9:45 AM – 10:15 AM	<u>Maximizing Opportunities in the Energy Transition</u> Caroline Gentry, Element Markets
10:15 AM – 10:30 AM	BREAK
10:30 AM – 11:00 AM	<u>Effectively Adapting Generators to Cyclic Operation</u> Howard Moudy, National Electric Coil
11:00 AM – 11:30 AM	<u>Outing Planning – Don't Forget Your Generators!</u> Jamie Clark, AGT Services
11:30 AM – 1:30 PM	KEYNOTE, TRADE SHOW & LUNCH Keynote Address: <u>Trout Unlimited AML Reclamation Efforts & Advocacy</u> Jennifer Orr-Greene, Trout Unlimited
1:30 PM – 2:30 PM	INDUSTRY PANEL – OPEN DISCUSSIONS Adam Rexroad, American Bituminous Power Partners Fred Farabaugh, Colver Green Energy Alex Brush, Gilberton Power Company Hank Zielinski, Northampton Generating Company Jeff Campbell, Stronghold Digital Mining
2:30 PM – 2:45 PM	BREAK
2:45 PM – 3:30 PM	KEYNOTES ARIPPA AML/AMD Reclamation Grants Keynote Address: <u>AML Fee Reauthorization and the Bipartisan Infrastructure Bill</u> Brian Bradley, PA DEP BAMR
3:30 PM	CLOSING REMARKS Jaret Gibbons, ARIPPA
3:30 PM – 6:00 PM	ARIPPA TRADE SHOW & LEGISLATIVE NETWORKING RECEPTION Cocktails and hors d'oeuvres served from 4:00 PM to 6:00 PM

2022 ARIPPA Conference Presentation Abstracts

NERC Compliance – Elevated Risk Areas and Recommended Generator Compliance Strategies

Stephen DiSalvo, AESI-US

A walk through of certain NERC standards where a known increased risk of non-compliance exists for conventional generation units, providing the technical rationale and specific violation events. Lessons learned and best practice strategies to avoid compliance issues in these areas will also be discussed.

Maximizing Opportunities in the Energy Transition

Caroline Gentry, Element Markets

This presentation will provide an overview of the environmental commodity markets in which waste coal facilities can participate, current market trends and the latest regulatory developments.

Effectively Adapting Generators to Cyclic Operation

Howard Moudy, National Electric Coil

The drive for increased use of renewable power supply from constantly fluctuating wind and solar sources has resulted in additional demands on the remaining conventional power plant generating equipment through the necessity of more frequent start-stop cycles. This presentation will illustrate how each start-stop cycle has a significant effect on the aging of many components of turbogenerators. The components that rotate are the most affected and fatigue cracking on rotors and components has become quite common due to the very high cyclic stresses with each start and stop cycle - 0 rpm to 3,600 rpm and then back to 0 rpm again. This results in detrimental effects on the rotor shafts, tooth tops, fans, blower hubs, pole crossovers and the copper field windings. Stationary components, such as the stator core and the stator winding, are becoming impacted also, mostly owing to displacements resulting from temperature change. Some recent studies have shown that significant differences exist between the lifetime effects of start-stops with varying generator stator winding insulation types. This presentation will discuss how these generators can be effectively adapted to cyclic operation and failures thus mitigated via proactive preventative measure.

Outing Planning – Don't Forget Your Generators!

Jamie Clark, AGT Services

In a turbine world, where turbine outages take the primary portion of planning and maintenance funding, it is becoming increasingly imperative to include your generators! Whether a minor inspection or a rotor out major generator inspection, generator issues are gaining in forced outage contribution. This technical presentation will highlight important steps and considerations every asset owner and outage manager/planner must consider well before your scheduled start dates. We will discuss key inputs to your decision making, as well as offer approximate durations for the most common scopes of work in generator testing, inspection and maintenance.