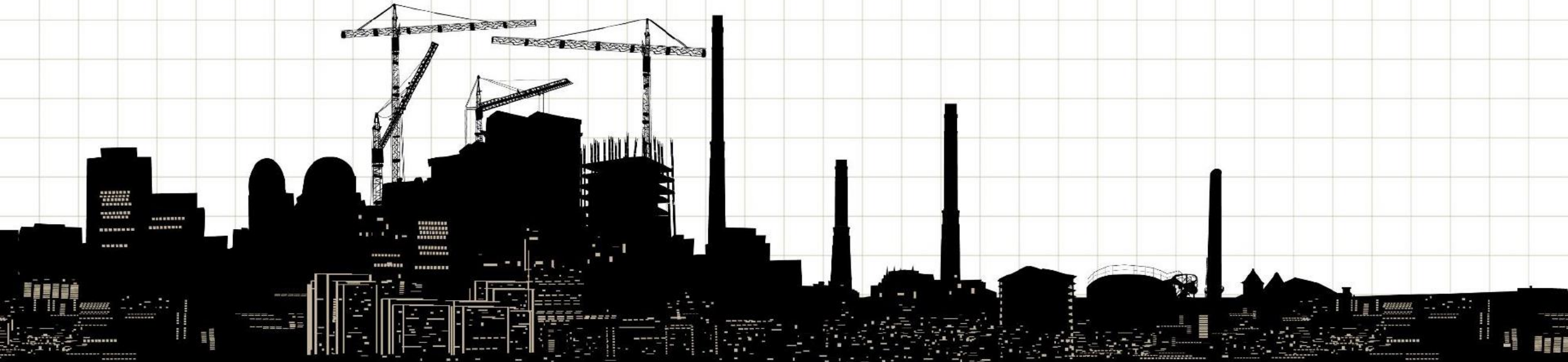




CALIFORNIA DEMAND RESPONSE

Seasonal Preparation

4/20/2022



HOUSEKEEPING ITEMS

- Webinar is in listen only mode
- Use the Q&A panel to submit questions
- Webinar will be recorded and available at:
CPowerEnergyManagement.com/Ready22



AGENDA ITEMS

- 2022 Market Overview
- Program Information Review
- Updating Information
- Curtailment Planning Review
- Communications Alerts and Notifications
 - All Call System
- Recap



MARKET UPDATES - CALIFORNIA

What You Need To Know

Significant Updates

- Program Hours and notice for 2022
 - All DRAM programs will operate from 4-9 PM
 - PGE CBP Elect will operate from 1-9 PM
 - SCE CBP will operate from 3-9 PM
 - SDGE will continue to operate both from 11-7 PM or 1-9 PM
 - Day of notice will move from 2 hours to 40 minutes

PROGRAM INFORMATION

CA Demand Response Programs

Program Snapshots

- [Capacity Bidding Program \(CBP\)](#)
- [Demand Response Auction Mechanism \(DRAM\)](#)

Program Snapshots provide a very quick review and reference of all of the California demand response programs. Access any time and share.



Parameters	PG&E BIP	PG&E CBP Elect	SCE/ PGE DRAM	SCE CBP	SDG&E CBP
Dispatch	Day Of (30 min)	Day Ahead	Day Ahead with possibility for 45 minute	Day Of (1 hour) Day Ahead	Day Of (40 min) / Day Ahead
Commitment period	Annual (Jan-Dec)	Summer (May-Oct)	Summer (May-Oct)	Annual (Jan-Dec)	Summer (May-Oct)
Commitment Hours	24/7/365	1-9 PM weekdays	4-9 PM weekdays	3-9 PM weekdays	11AM - 7PM OR 1-9 PM
Max # of events/Day	1	1	1	1	1
Callable Hours/Events	Maximum 6 hours	1-4 hours	1-4 hours	1-6 hours	2-4 hours
Min Curtailment Value	100kW	No	No	No	20 kW
On-Site Generation Requirements	No Fossil	No Fossil	No Fossil	No Fossil	No Fossil
Payment Bands	Below 100% excess energy applies	75-105% Proportional Below 75% reduced payments /penalties	75-100% Proportional Below 75 - \$0	75-105% Proportional Below 75% reduced payments /penalties	75-100% Proportional Below 75% reduced payments /penalties
Trigger	System Emergency	Economic bid into CAISO	Economic Bid into CAISO	Market price trigger	Market price trigger
Max hours (events) / Month	40 hours	5 Events	24 hours	30 hours (5 events)	24 hours (8 events)
Max Hours / Year	180 hours	120 hours	None	None	144 hours
# Test / Year	Up to 2	Up to 2	1+	Up to 3	Up to 2

ELRP

In response to 2020's historic grid stress, the California Public Utility Commission has introduced the Emergency Load Reduction Program (ELRP). This program is designed to serve as a last line of defense against rolling blackouts.

COMPENSATION	\$1000 / MWh payment rate for event performance.
PARTICIPATION	Voluntary, pay-for-performance program. No penalty for under and non-performance. Can be paired with utility programs (BIP, DRAM, CBP).
BASELINE	Average usage of each hourly interval out of 10 previous eligible weekday with a day of adjustment to the baseline.
EVENT WINDOW AND NOTIFICATION	May 1 through October 31. Event window is 4– 9 PM, 7 days/week, including holidays. Day ahead notification.
METERING	Each account must have an approved 15-minute interval meter or Smart Meter and approved meter communications equipment installed and operating at least 10 days prior to participating in the programs in order to establish a valid baseline.
USE OF GENERATION	Customers can participate with load reduction and qualified, permitted fossil generation. Customers will have to provide information on any onsite fossil generation used to participate.
ENROLLMENT DEADLINE	Rolling monthly enrollment.

REVIEW & UPDATE INFORMATION

Reviewing and Updating Your Contact Information



- **Responsible Parties for Notifications:** Make sure all relevant contacts are up to date.
 - Make sure to send the persons' names, email address and phone numbers
 - Any changes to former or added staff on your current notification group



- **Whitelist CPower email domains and add dispatch number:**
 - cpowerdispatch@mg.cpowerenergymanagement.com
 - Add the CPower Dispatch number to your cell phones – “Demand Response Notification”
 - 410-346-5907



- **Review Curtailment Plan:**
 - Make sure the plan is still accurate and aligns with your curtailment commitments and resources

CURTAILMENT PLAN

Sample Plan Review

Demand Response Curtailment Plan - ACME CUSTOMER

CA Demand Response Curtailment Plan for CUSTOMER - 2017 SCE AMP Program

Page 1 of 2

Must drop facility peak demand (kW) to a specific level below a rolling baseline established during the previous days of operation.

This baseline will change on a continual basis and will not be known prior to the event.



What to check:

Ensure bid amounts are correct

Ensure contacts are correct

Ensure responsible parties are assigned (primary and backup)

Event Performance Measurement:

Bid Amount

Summer events: Reduce facility demand by 700 kW from average demand prior to event

Winter events: Reduce facility demand by N/A kW from average demand prior to event

Event Contacts:

The following facility contacts will be notified by E-mail and cell/office phone:

Name	Job Title	Work Phone	Cell Phone	E-Mail
CUSTOMER NAME 1	Operations Manager	888-888-8888		test@test.com
CUSTOMER Name 2	Operations Supervisor	777-777-7777		test@test.com

Responsible Person: Mr. Customer Back-Up Person: Mrs. Customer

- Make sure all event responder communication links are on line and ready to receive event notifications.
- Make sure the persons assigned to execute the load curtailment actions know what they are required to do.
- Make sure all shifts know to maintain the load curtailment until the event is terminated by C Power Corp.

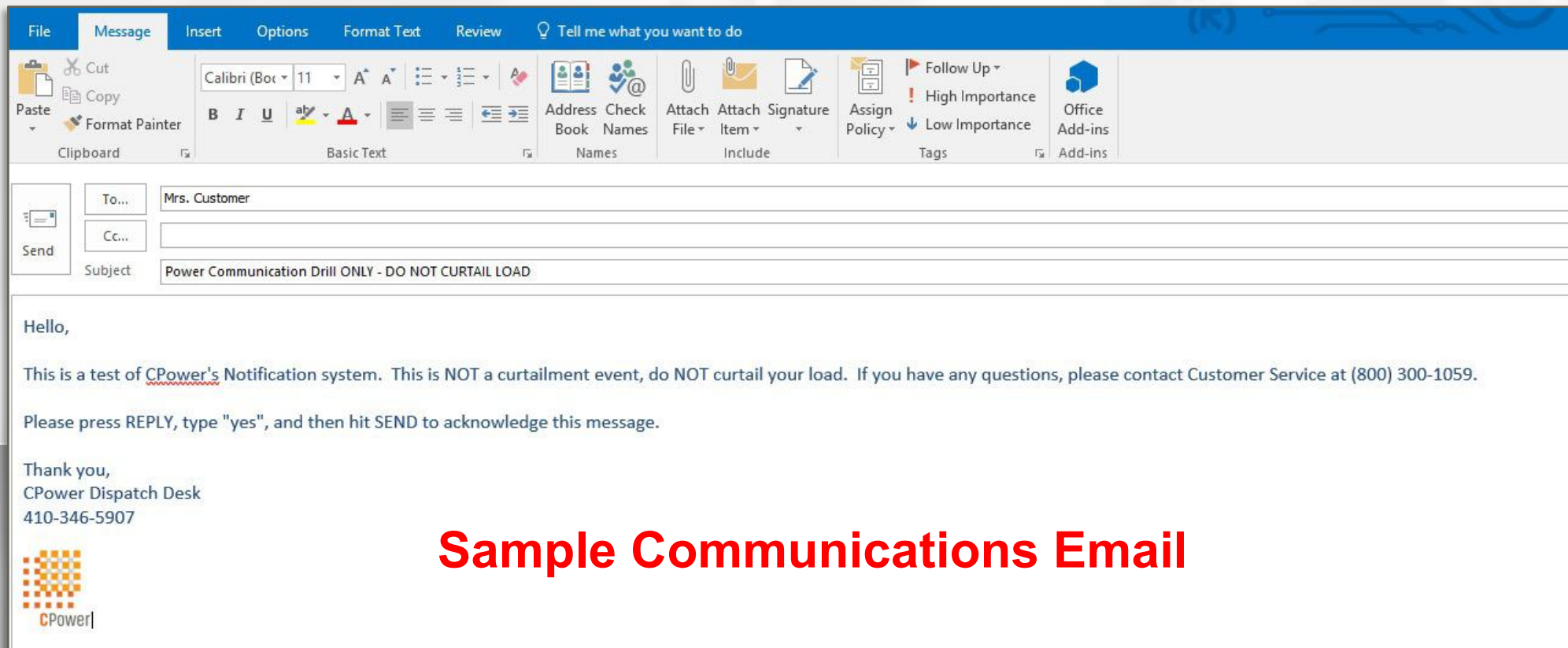
NOTE: Load curtailment steps should be completed 15 minutes before the announced start time of the event.

DISPATCH NOTIFICATIONS

Communications Drill

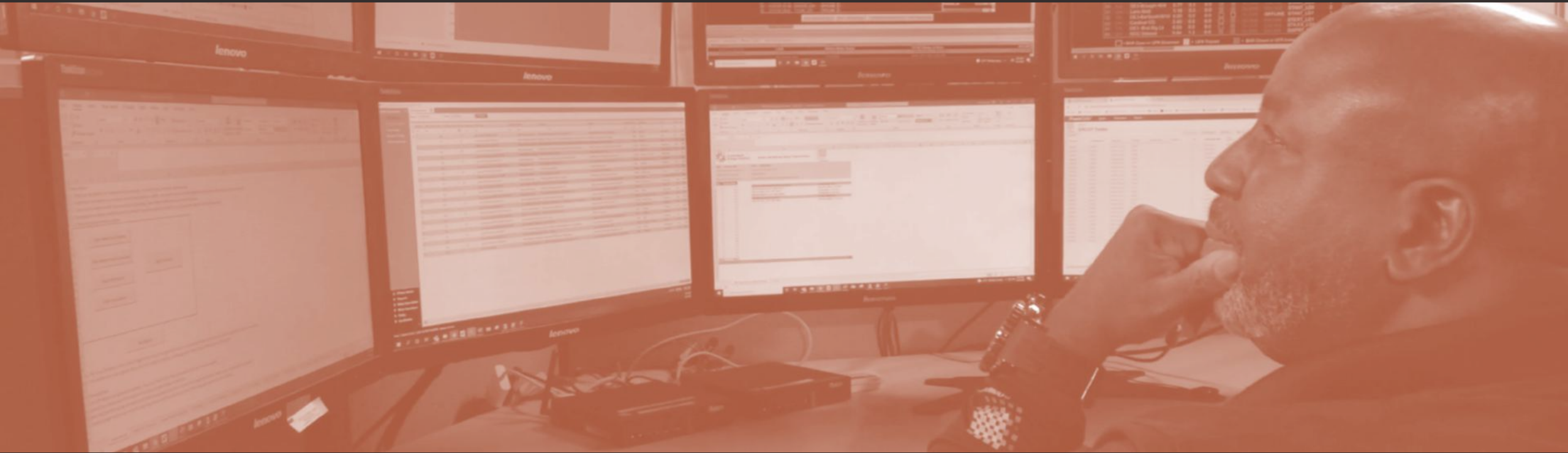
TEST: 5/5/22 1:00 PM PDT

- This is only a drill to test communications
- DO NOT Curtail



CPOWER DISPATCH

24/7/365 At The Ready For You



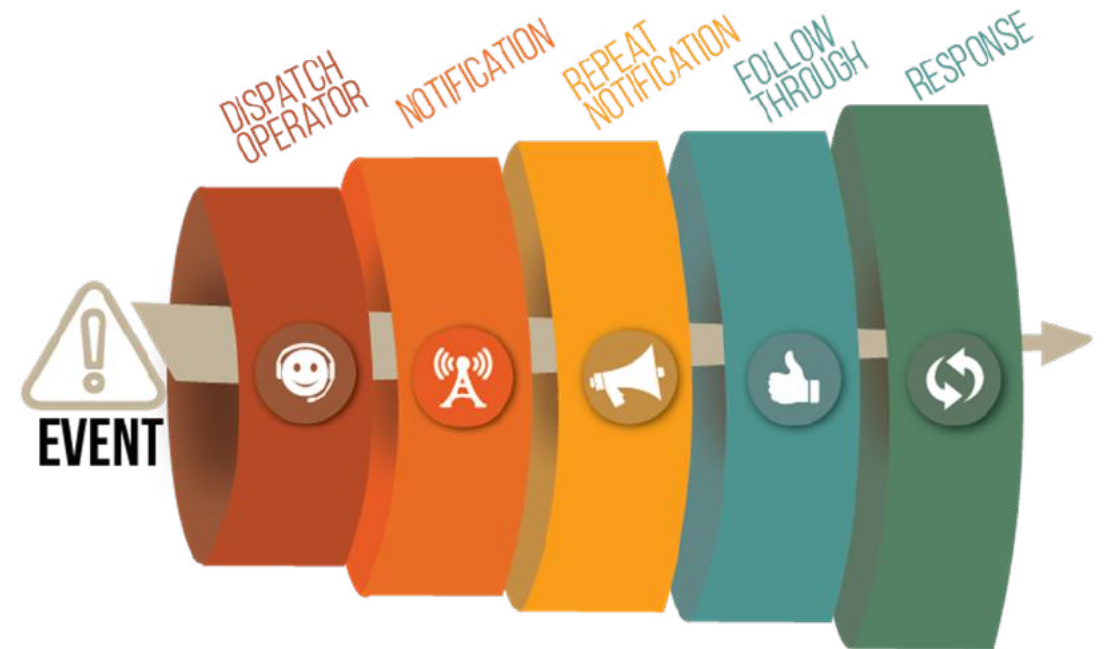
100% in house Dispatch Operations ensures accuracy and helps identify and resolve issues in real time so you can perform to your potential.



ALL CALL SYSTEM FUNCTIONALITY

Understanding The CPower Dispatch System

- **The All-Call System Utilizes:**
 - Phone
 - Email
 - Text Message
 - The System notifies all relevant contacts based on the program notification requirements
- **The System will:**
 - Be activated by CPower Dispatch Operators
 - For both test and real events
 - Send important preparation, start and completion notifications by utility, zone, or ISO.



ALL-CALL SYSTEM FUNCTIONALITY

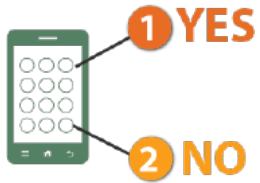
Understanding The CPower Dispatch System

- **Phone Number for Events and Tests**
 - 410-346-5907
 - Also sends text message alerts
 - This is the direct line of our 24x7 dispatch service desk
- **System Sends Email Alerts From:**
 - cpowerdispatch@mg.cpowerenergymanagement.com
 - Ensure this address is whitelisted in your email system



ALL CALL SYSTEM FUNCTIONALITY

Phone and Email Messages



Phone Call Message

- Greeting and prompt to play message
- The entire message must be heard before confirmation
- Upon message completion, “did you understand?” will be asked
- Press (1) for yes, (2) for no. (1) will end the notifications to that contact, (2) Will repeat the message



Email

- An event email will be sent by the system (if you have email set up for notification)
- You do not need to reply or confirm receipt via email



Text

- An event notification text will be sent to your phone (if you have text notification set up)
- You do not need to reply or confirm receipt via text

RECAP

Things to Remember

- Season Begins May 1, 2022
- Be sure to update contacts
- Response to all test and communications drill
- Communications drill on **5/5/22 1:00 PM PDT**
- Make sure you have back up personnel in case of emergency
- Ensure everyone reviews this training
- Review curtailment plan and/or curtailment strategy
- Make sure metering is up and running and accurate



ADDITIONAL RESOURCES

Your One Stop For Demand Side Energy Management



Learn the basics with CPower's [Demand Side Energy Management 101 Video Series](#)

THE **Current**
Stay ahead of the energy curve with CPower.

Download white papers, webinars, blogs, case studies and more at [CPower's online publication, The Current](#)



View this webinar and content as well as all other markets we serve on our Seasonal Readiness Portal

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THANK YOU

Visit:

CPowerEnergyManagement.com/Snapshots for program participation snapshots

Or CPowerEnergyManagement.com/Ready22 for this training on demand

