Resource Adequacy:
The Details, Dialogue & Debates behind the Policy

April 9th - 10th, 2013
The Marriott Westchase in Houston

Conference Chairs: Jim Barkley, Baker Botts & John Moore, Stratus Energy Group

Featuring Prominent Industry Keynoters and Speakers:

Pat Wood III - Former Chairman of FERC & Texas PUC
Tony Clark - FERC Commissioner
Greg Harper - Group President, CenterPoint Energy
Gerry Cauley - President & CEO of NERC
Trip Doggett - President & CEO of ERCOT
John R. Bear - President & CEO of MISO
Stephen Berberich - President & CEO of CAISO
Stephen G. Whitley - President & CEO of NYISO
Ron Curry - Region 6 Administrator for EPA
Gary Leonard - Technology Director for GE Global Research

Pre-Conference Activities - April 8th
Day: Spring Golf Tournament OR Demand Response Workshop
Evening: Welcome Dinner at Marriott Westchase
INTERESTED IN A SPONSORSHIP OR EXHIBIT?
Sponsorship packages are available starting at only $500 for Bronze. Plus our Silver, Gold & Platinum packages include a FREE CONFERENCE REGISTRATION for every $1,000 committed. Exhibit space is also available starting at $750. To learn more about sponsorships and exhibits, please view GCPA’s Sponsor/Exhibit Brochure and contact Mary Armstrong, Director of Member Services & Marketing, at marmstrong@gulfcoastpower.org for further details.
HOTEL ROOM RESERVATION INFORMATION

GCPA has reserved a block with a limited number of rooms at the special rate of $109 per night at the Marriott Westchase (located at 2900 Briarpark Drive in Houston). Reservations must be received on or before the room block cutoff date of March 22, 2013. It is recommended that you make your reservation as soon as possible as the block may sell out before the March 22nd expiration date.

To reserve your room:
Call 1-800-452-5110
and specify Gulf Coast Power Association Conference 2013

Please reserve your room early
to ensure rate and space availability!

CONTINUING EDUCATION CREDIT INFORMATION

PEs: As part of the Continuing Education Program requirements for Professional Engineers in Texas, each licensed engineer is required to earn 15 hours per year of Professional Development Hours (PDH). Attendees will receive credit of 10.75 hours if all conference sessions are attended. Credit of 3.5 hours is also available for the April 8 Workshop.

CPAs: GCPA is a Board Registered CPE Sponsor with the Texas State Board of Public Accountancy. This registration does not constitute an endorsement by the Board as to the quality of our CPE program. The learning objectives for CPAs attending the conference are: to obtain an in-depth understanding of the evolving rules, regulations, market forces and governmental agency pressures facing the electric power industry in the Gulf Coast region. There are no prerequisites. Conference attendees will receive credit of 13 hours if all conference sessions are attended. Credit of 4.0 hours is also available for the April 8 Workshop.

Attorneys: The Texas State Bar has approved 2.75 hours of this conference for MCLE credit. See agenda for sessions with approved hours.
AGENDA - TUESDAY MORNING, APRIL 9

7:00 AM
REGISTRATION & CONTINENTAL BREAKFAST

8:00 AM
President’s Welcome
Recognition of Conference Chairs
Conference Introduction

Paul Schulze, Vice President, Sharyland Utilities
Tom Foreman, Executive Director, GCPA
Jim Barkley, Partner, Baker Botts &
John Moore, Principal & Founder, Stratus Energy Group

8:15 AM
OPENING KEYNOTE ADDRESS (0.75 hrs. PE & MCLE; 1.0 hrs. CPE)
Pat Wood III, Principal, Wood3 Resources
"Texas Electric Power 3.0"

9:00 AM
Session I - Market Design: Energy-Only vs. Capacity Markets (1.25 hrs. PE; 1.5 hrs. CPE)
ERCOT’s resource adequacy issues are well known and much discussed. Will the current energy-only construct keep our lights on or will a capacity market provide a better chance for meeting our reserve margin? Hear the issue debated by nationally-known and respected scholars.

Session Moderator: Kathleen Magruder, Vice President, U.S. Regulatory Affairs, BP

Panelists:
Dr. David Patton, President, Potomac Economics
Dr. William Hogan, Professor, Kennedy School of Government, Harvard University
Dr. Jonathan Lesser, President, Continental Economics, Inc.

10:15 AM
NETWORKING COFFEE BREAK

10:45 AM
Session II - Environmental Challenges Facing Resource Development Today (1.25 hrs. PE & MCLE; 1.5 hrs CPE)
Environmental challenges to electric power resource development include both air and water regulations and limitations in the availability of water. What should we expect as we look to the future and the need for additional power generation? Can generation be developed cost effectively under stringent air emission regulations? How much water can be committed to supplying water to future Texas-based electric generation? Should we expect that future environmental regulations will require that the majority of future resource additions will come from a predominantly environmentally neutral (wind, solar) fleet?

Session Moderator: Tom “Smitty” Smith, Director, Texas Office, Public Citizen

Introductory Comments: Ron Curry, Region 6 Administrator, EPA

Panelists:
Andrew Chastain-Howley, Director, Black & Veatch
Mike Nasi, Partner, Jackson Walker L.L.P.
Dr. Cyrus Reed, Conservation Director, Lone Star Chapter, Sierra Club

12:00 PM
LUNCHEON & KEYNOTE (0.5 hrs. PE & CPE)
Greg Harper, Group President, Midstream Business, CenterPoint Energy
"Will Natural Gas Infrastructure Meet Demands from Growth of Gas Generation?"

Presentation of 2013 Pat Wood Power Star Award
Introduction of Recipient: Pat Wood III, Principal, Wood3 Resources
AGENDA - TUESDAY AFTERNOON, APRIL 9

1:30 PM  AFTERNOON KEYNOTE ADDRESS  (0.75 hrs. PE & MCLE; 1.0 hrs. CPE)  
Tony Clark, Commissioner, FERC  
“Electric Market Issues: Views from FERC Commissioner Clark”

2:15 PM  Session III - Financing New Generation in Texas? It Can Be Done! (1.25 hrs. PE; 1.5 hrs. CPE)  
Despite very tight reserve margins, little new thermal generation has been recently built in Texas. Many factors, including financing uncertainty, low power prices, slack demand, inadequate price signals, and questions about market design seem to discourage new power plants. Nonetheless, several developers are moving ahead with new generation. Participants in those transactions will talk about how those additions are being financed. They will also discuss market and financing conditions and obstacles as well as the lessons to be learned from the experience.

Session Moderator: Steve Krebs, Vice President, OwnEnergy, Inc.

Panelists:  
Tammy Nikoltcheva, Vice President, U.S. Power Sales and Origination, Goldman Sachs & Co.  
Robert K. Simmons, Managing Director, CFO & Chief Compliance Officer, Panda Power Funds  
Mark Walker, Sr. Director, Regulatory Affairs, NRG Texas LLC

3:30 PM  NETWORKING COFFEE BREAK

4:00 PM  Session IV - ERCOT Load Forecasting (1.25 hrs. PE; 1.5 hrs. CPE)  
The recent increase in attention given to ERCOT’s “Capacity, Demand and Reserves Report” has contributed to many questions about how ERCOT forecasts load growth. This session will provide a clear explanation of how ERCOT estimates load growth for its system-wide resource adequacy assessment as well as describe a different load forecasting approach used by ERCOT to perform transmission planning. Reasoning for the differences will be offered. The session will be wrapped up by contrasting ERCOT’s two load forecasting activities with load forecasting performed in other regions of the U.S.

Session Moderator: John Moore, Principal & Founder, Stratus Energy Group

Panelists:  
Calvin Opheim, Manager, Forecasting & Analysis, ERCOT  
Wayne Kemper, Manager, Transmission Planning, CenterPoint Energy  
Jeff Brown, Manager, Economic Forecasting, American Electric Power

5:15 - 7:15 PM  COCKTAIL RECEPTION
AGENDA - WEDNESDAY, APRIL 10

**REGISTRATION & CONTINENTAL BREAKFAST**

7:30 AM

8:15 AM  **Special Topic: Innovation in the Power Industry** (0.75 hrs. PE; 1.0 hrs. CPE)
Speaker: Gary Leonard, Technology Director, Global Research Center, GE

9:00 AM  **Session V - Demand Response Today & Tomorrow** (1.25 hrs. PE; 1.5 hrs. CPE)
The Brattle Report warned the PUC that regardless of what market design was adopted, a more robust demand response capacity will have to be developed in ERCOT. Recent estimates by two groups have indicated a quite large potential demand response capacity. There are differing views about how this resource should evolve, however, whether through programs or price signals alone. This panel will discuss new efforts to incorporate residential load response and other weather sensitive loads not available 24/7. What is the appropriate role of demand response, can it become a sufficient resource to close the resource adequacy gap? We will especially ask the question whether demand participation in the market can evolve to not only avoid price reversal at times of shortage but support price formation in a positive way.

Session Moderator: Robert King, President, Good Company Associates

Panelists:
- Tim Carter, Principal, Market Development, Constellation/Exelon
- Kevin Evans, Vice President & General Manager, Demand Response Services, Johnson Controls
- Eric Goff, Director, Global Commodities, Citibank
- Frank Lacey, Vice President, Regulatory and Market Strategy, Comverge Inc.
- Laurie Wiegand-Jackson, President & CEO, North America Power Partners

10:15 AM  **NETWORKING COFFEE BREAK**

10:45 AM  **CEO Roundtable - Priorities & Challenges in ERCOT, MISO, CAISO & NYISO** (1.25 hrs. PE; 1.5 hrs. CPE)
Independent system operators have become ground-zero for discussions about resource adequacy, transmission planning, demand response and cybersecurity. Grappling with different regulatory and board structures as well as a plethora of different market participants and policy ramifications, the leaders of four ISOs will come together to discuss what makes up their current priority lists as well as what keeps them up at night.

Discussion Moderator: Trip Doggett, President and CEO, ERCOT

CEOs:
- John R. Bear, President & CEO, MISO
- Stephen Berberich, President & CEO, CAISO
- Stephen G. Whitley, President & CEO, NYISO

12:15 PM  **LUNCHEON & KEYNOTE** (0.5 hrs. PE & CPE)
Gerry Cauley, President and CEO, NERC
“*A National Perspective on Reliability*”

Recognition of GCPA David Olver Memorial Scholarship Recipients
Presented by: Tom Foreman, Executive Director, GCPA

1:30 PM  **CONFERENCE ADJOURNS**
On Monday, April 8th:

GCPA ANNUAL SPRING GOLF TOURNAMENT
Sponsored by: GCPA’s emPOWERing Women’s Initiative
at Wildcat Golf Club - Lakes Course - in Houston
Registration & Lunch 10:45 AM to 12:00 PM; Shotgun Start at 12:00 PM; Happy Hour & Prizes after Tournament
Fee: $100 WITH Conference Registration; $125 without Conference Registration
Fee includes box lunch, cart and range balls. Please send requests for particular foursomes or golf club rental to Penny Sullivan at psullivan@gulfcoastpower.org.
Visit the club website at www.wildcatgolfclub.com for directions & dress code information.
HOW TO REGISTER: Register online at www.gulfcoastpower.org.

DEMAND RESPONSE WORKSHOP
“What Role Can Demand Response Play in Addressing the Resource Adequacy Challenge in ERCOT?”
Marriott Westchase - 1:00 PM to 4:30 PM
Fee: $75 Early Bird Pricing through March 18th ($85 Mar. 19 - Apr. 5, $95 on-site on Apr. 8)
PE CREDIT OF 3.5 HOURS & CPE CREDIT OF 4.0 HOURS AVAILABLE!
This workshop will provide an introduction to Demand Response (DR), featuring a description of the ERCOT resource adequacy challenge and an overview of demand response (DR) activity in the ERCOT market today. Leaders on DR policy from other organized US markets will discuss the role of DR in their regions and the issues it presents. A panel of customers who are providing DR in ERCOT will discuss the impact of DR on customers. To view the complete workshop agenda, see the next page of this brochure.
HOW TO REGISTER: Register online at www.gulfcoastpower.org.

PRE-CONFERENCE WELCOME BBQ BUFFET & SOCIAL
Join us for a casual buffet dinner at the Marriott Westchase from 6:30 - 8:30 PM
Fee: Complimentary for all conference registrants
HOW TO REGISTER: RSVP online when registering for the conference at www.gulfcoastpower.org.

On Tuesday, April 9th:

COCKTAIL RECEPTION
At the Marriott Westchase from 5:00 - 7:00 PM
Relax and network after the first day of the conference - Complimentary open bar and hors d’oeuvres. Spouses of conference attendees are welcome.
HOW TO REGISTER: Complimentary for all conference registrants. No registration or RSVP necessary.
DEMAND RESPONSE WORKSHOP AGENDA
Monday, April 8th ~ 1:00 PM - 4:30 PM

What Role Can Demand Response Play in Addressing the Resource Adequacy Challenge in ERCOT?

This workshop will provide an introduction to Demand Response (DR), featuring a description of the ERCOT resource adequacy challenge and an overview of demand response (DR) activity in the ERCOT market today. Leaders on DR policy from other organized US markets will discuss the role of DR in their regions and the issues it presents. A panel of customers who are providing DR in ERCOT will discuss the impact of DR on customers.

Introduction: Jess Totten, Principal, Stratus Energy Group

Part I:
The Resource Adequacy Challenge
Speakers:
Diana Leese, Competitive Market Analyst, Public Utility Commission of Texas
Rebecca Reed, Utility Specialist, Public Utility Commission of Texas

Where We Stand: Regional DR Overview
Speaker: Paul Wattles, Senior Analyst, Market Design, ERCOT

Part II:
Major Successes and Major Challenges in the Eastern ISOs and RTOs
Moderator: Brett Perlman, President, Vector Advisors; former PUCT Commissioner

Speakers:
David M. Allen, Senior Attorney, New York ISO
Susan T. Covino, Senior Consultant, Emerging Markets, PJM Interconnection LLC

Part III:
Customer DR Experiences Across the Spectrum
Moderator: Michael Jewell, Governmental Affairs Counsel, Haynes & Boone LLP

Speakers:
Dennis F. Cruse, Energy Services Manager, Crescent Real Estate Equities
Tim Kearns, Business Development - District Energy, Entergy
Franklin Maduzia, Commercial Manager - Energy, Dow Chemical Company
Rock Morille, Vice President, Facilities & Property Management, Baylor College of Medicine
Jeanine Brady, National Purchasing Manager, Sims Metal Management (invited)
GCPA Spring Conference 2013
RESOURCE ADEQUACY:
The Details, Dialogue and Debates behind the Policy

PRICING INFORMATION

CONFERENCE PRICING - price includes one and a half day conference on April 9 - 10, cocktail reception on April 9 and optional Welcome Dinner on April 8.
*Non-Member rates include GCPA Individual Membership for 2013.

<table>
<thead>
<tr>
<th></th>
<th>Early Bird Registration through 3/18/13</th>
<th>Regular Registration 3/19/13-4/5/13</th>
<th>Onsite Reg. 4/9/13 &amp; 4/10/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCPA Members</td>
<td>$430</td>
<td>$505</td>
<td>$540</td>
</tr>
<tr>
<td>Non-Members*</td>
<td>$555</td>
<td>$630</td>
<td>$665</td>
</tr>
<tr>
<td>Govt./State Employees</td>
<td>$95</td>
<td>$95</td>
<td>$105</td>
</tr>
<tr>
<td>GCPA Members in Job Search Mode</td>
<td>$95</td>
<td>$95</td>
<td>$105</td>
</tr>
<tr>
<td>Non-Members in Job Search Mode*</td>
<td>$195</td>
<td>$195</td>
<td>$205</td>
</tr>
<tr>
<td>Full-Time Students</td>
<td>$60</td>
<td>$60</td>
<td>$70</td>
</tr>
</tbody>
</table>

GOLF TOURNAMENT PRICING - price includes greens fee, box lunch, cart & range balls on April 8.

<table>
<thead>
<tr>
<th></th>
<th>Early Bird Registration through 3/18/13</th>
<th>Regular Registration 3/19/13-4/5/13</th>
<th>Onsite Reg. 4/8/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee with conference registration</td>
<td>$90</td>
<td>$100</td>
<td>Not Available</td>
</tr>
<tr>
<td>Fee WITHOUT conference registration</td>
<td>$115</td>
<td>$125</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

WORKSHOP PRICING - price includes complete workshop on April 8.

<table>
<thead>
<tr>
<th></th>
<th>Early Bird Registration through 3/18/13</th>
<th>Regular Registration 3/19/13-4/5/13</th>
<th>Onsite Reg. 4/8/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee</td>
<td>$75</td>
<td>$85</td>
<td>$95</td>
</tr>
</tbody>
</table>

REFUND POLICY - Cancellations must be received by 5 PM on Mar. 22nd in order to receive a refund. A 10% service fee will be charged against all refunds. Please direct all cancellation requests to Mary Armstrong at marmstrong@gulfcoastpower.org.
REGISTRATION INSTRUCTIONS - All registrations should be completed online

TO REGISTER: LOG INTO OR CREATE YOUR ACCOUNT ON GCPA’S WEBSITE USING THESE INSTRUCTIONS

• IF YOU HAVE LOGGED INTO YOUR ACCOUNT BEFORE AND KNOW YOUR PASSWORD - Go to www.gulfcoastpower.org. Use the Login tab at the top of the home page to log in to your account and then click on Manage My Events once you have logged in. Scroll through the calendar to choose the Spring Conference in April and register.

• IF YOU ARE CURRENTLY ON OUR MAILING LIST BUT HAVE 1) NEVER SIGNED INTO YOUR ACCOUNT AND SET UP A PASSWORD; OR 2) HAVE SIGNED INTO YOUR ACCOUNT PREVIOUSLY BUT DO NOT REMEMBER YOUR PASSWORD - Go to www.gulfcoastpower.org. Use the Login tab at the top of the home page to reach the login page, click on Forgotten Password in the left bottom corner of the page and enter your email address as prompted. You will receive an email with a link. Follow the instructions to set your password and then login using your new password when you return to the login page. Once you have logged in, scroll through the calendar to choose the Spring Conference in April and register.

• IF YOU ARE NEW TO OUR SITE, DON’T HAVE AN ACCOUNT OR ARE NOT SURE IF YOU HAVE AN ACCOUNT - First, test the system to see if you already have an account - Go to www.gulfcoastpower.org. Use the Login tab at the top of the home page to reach the login page, click on Forgotten Password in the left bottom corner of the page and enter your email address as prompted. If you do not have an account, you will see a message saying “No User Found”. If this is the case, go directly to the conference event page at www.gulfcoastpower.org/Events/2012/Spring-Conference-2013.aspx. Select the appropriate priced conference registration option and then click on the blue Check Out button in Step 1 of the registration process. You will next proceed to Step 2 where you should choose the Create a New Account option. Fill in the required information. When you begin entering your Company Name under the Company Information section, type in the first three letters of the company name and then pause. If information re your company is already in our system OR if your company has a corporate membership with GCPA, your company name will appear in the dropdown menu. Select the company name from this menu if this occurs. If your company name is not listed in the dropdown or the dropdown does not appear after pausing, then continue entering your company name.

• NOTE: If you have chosen a company that is a corporate member and had previously chosen a non-member conference rate, you will be prompted to change your conference registration choice to the member rate. To view a list of current corporate members to see if you are already a member - CLICK HERE.

• Proceed through the remaining registration process.

• IF YOU DO NOT HAVE AN ACCOUNT, you will see a message saying “No User Found”. If this is the case, go directly to the conference event page at www.gulfcoastpower.org/Events/2012/Spring-Conference-2013.aspx. Select the appropriate priced conference registration option and then click on the blue Check Out button in Step 1 of the registration process. You will next proceed to Step 2 where you should choose the Create a New Account option. Fill in the required information. When you begin entering your Company Name under the Company Information section, type in the first three letters of the company name and then pause. If information re your company is already in our system OR if your company has a corporate membership with GCPA, your company name will appear in the dropdown menu. Select the company name from this menu if this occurs. If your company name is not listed in the dropdown or the dropdown does not appear after pausing, then continue entering your company name.

• NOTE: If you have chosen a company that is a corporate member and had previously chosen a non-member conference rate, you will be prompted to change your conference registration choice to the member rate. To view a list of current corporate members to see if you are already a member - CLICK HERE.

• Proceed through the remaining registration process.

OTHER INFORMATION

Update your profile account! While you are logged into your account or after you have created your account, you can complete or revise the information contained in your profile (choose My Profile from the dropdown menu under Member Center - Download Instructions Here.)

TO REGISTER MORE THAN ONE PERSON USING THE SAME CREDIT CARD:
Step 1: First using the instructions above, register each individual separately by logging in to each individual’s account or by creating an account if the individual does not have an existing account. If one person is registering multiple people, please remember to click on logout at the right top of the screen in the black menu bar after completing each registration and then click on login to sign in to the next individual’s account to create the next registration.
Step 2: When you check out each person, select the Invoice Me payment method.
Step 3: Contact Penny Sullivan at psullivan@gulfcoastpower.org or 281.974.0624. Your orders will all be processed in a single credit card transaction.

PROBLEMS REGISTERING? CONTACT PENNY SULLIVAN AT psullivan@gulfcoastpower.org or 281.974.0624