TPPA Board President’s Message

By Kean Register, City Manager, Bryan

We are enjoying a brilliant spring across Texas, certainly in Bryan we’re seeing expansive green fields, the lakes are full and some great wildflowers are blooming. Spring brings to nature a fresh season, and to our customers and employees a sense of renewal as well.

It has been exciting from the TPPA president’s point of view to see the high level of activity across our membership’s utilities this spring. In just the last few weeks our cities and systems have received much well-deserved recognition. The cities of Austin, Bastrop and Boerne have received prestigious recognition, New Braunfels Utilities has opened a new substation to support its fast-growing central Texas system and Lubbock Power & Light rolling out AMI meters.

- US News and World Report’s “2019 Best Places to Live” rankings analyzed 125 metro areas in the US ranking cities by quality of life and the job market. The recently released study results ranked Austin the #1 place to live and #4 place to retire in the US. Other major cities in Texas fared well in the top 50 best places to live, with DFW placing #21, Houston #30 and San Antonio #34. Without doubt, affordable and reliable power are the foundation of local economies and industry, and credit is due to Austin Energy and CPS Energy as major contributors to their hometowns’ business, cultural and lifestyle attractions.

- TPPA members Bastrop and Boerne were named “Great Places in Texas” by the Texas Chapter of the American Planning Association. Boerne’s Hill Country Mile shopping district was named the 2019 “Great Street” and Bastrop’s downtown historic district was the “Great Neighborhood” awardee. Both of these city’s work with their county, economic development organization, local leaders and the electric utility to make these award-winning towns unique and special to both locals and visitors.

- New Braunfels Utilities inaugurated a new substation on April 16. The Weltner Substation, located on Highway 46 towards Seguin, can provide service to 3,000 residential customers and up to 500 commercial customers in this high growth area of NBU’s territory.

- Lubbock Power & Light began the process of upgrading all 107,000 of its electric meters with advanced meters this month. Additionally, the City’s Water Department will be upgrading its 87,000 meters to advanced meters at the same time. Full deployment began on April 4th and is expected to last 12 to 15 months. The project fully automates the reading process and is intended to yield improved billing accuracy, customer service and outage management.

- And I have to give a shout out to my hometown – Bryan was ranked in the top quarter of The Milken Institute’s 100 Best Performing Small Cities for 2019, where jobs are created and sustained, and Bryan was recognized by Kiplinger as a Top 15 Satellite Cities Poised to Thrive.

Congratulations to TPPA board members Ron Bowman (Boerne), Paula Gold-Williams (CPS Energy), Ian Taylor (NBU), David McCalla (LP&L) and Jackie Sargent (Austin Energy) and Bastrop’s electric director Curtis Ervin for great work in managing their systems and contributing so meaningfully to the economic miracle in Central Texas.

In Austin, the TPPA staff continues to keep our industry front of mind with TPPA’s hometown legislators. Our team is working hard and respectfully as legislators invoke their legislative oversight of electric markets. It has been a productive session to date and we appreciate the work of our state legislators and statewide elected officials on behalf of the public we mutually serve. The 2019 Legislative Session will conclude in late May.

And to close, I invite you to review the agenda for our July 29-31 Annual Meeting in this issue. Our always fun and informative annual meeting is taking place in San Antonio this year. We are excited about the developing programs and many speakers of interest. Registration is open. I look forward to seeing you in San Antonio in July, if not sooner.

Kean Register

NBU COO Ryan Kelso, NBU Board Trustee Atanacio Campos, NBU CEO Ian Taylor and NBU team members took part in the April 16 ribbon cutting of NBU’s new Weltner Road Substation which is the ninth distribution substation on the NBU system.
Greetings from Austin.

As our president Kean Register writes in this issue, “spring has sprung” and I, too, hope this new season is enjoyable for the TPPA family, friends and stakeholders.

Spring time in odd-numbered years always means the Texas Legislature is in Austin. The 86TH Regular Session of the Legislature is well underway and as this issue reaches you, we will find ourselves in the final five weeks or so of the session.

TPPA has enjoyed working with legislators from across the state since January on many issues relative to energy and electricity ranging from preventing cybersecurity attacks on the Texas electric grid, to following proposed changes to eminent domain rules to confirming that MOUs and cooperatives can own or utilize energy storage projects such as batteries. Ensuring a practicable public information process is in place is under review and there have been several bills proposed to expand broadband services into underserved, rural areas of the state.

These can be fast-moving, complex issues and the hometown elected officials representing your community in Austin have many policy areas to monitor, study and update where necessary, and hearing from hometown constituents is most effective. As President John Kennedy once said, “Political action is the highest responsibly of a citizen.” Thanks to our board and committee members for volunteering their time to help take public power messages to our elected officials to ensure a constructive 2019 legislative session.

On the regulatory front, our transmission-owning members and other interested parties should be sure to attend in Austin or join by streaming video the May 2 Public Utility Commission-sponsored certificates of convenience and need transmission workshop for MOUs. We appreciate this opportunity to partner with the PUC on this important topic which has new permitting rules effective in 2021. More details are contained in this issue.

Importantly, it is a pleasure to welcome TPPA’s new Office Administrator Renee Ross who begins her new duties in mid-April. Renee comes to TPPA with more than 20 years of bookkeeping and office administration experience. Renee holds a B.S. degree in Interdisciplinary Studies from the University of Houston. She is excited to get to know TPPA members and is a welcome addition to our member services team. Renee will be located in our Pflugerville office. Renee’s email address is rross@tppa.com and her phone number is (512)472-5965, ext. 10

Thank you for your support of TPPA.
Get In Front of Behind-the-Meter Energy Storage Solutions

By Patricia Taylor, Manager, Regulatory Policy and Business Programs, APPA

With “behind-the-meter” energy storage receiving increased attention these days as costs go down and customer deployments go up, now is a good time for utilities to consider what the buzz is all about and, more importantly, determine its potential implications for both customers and the power sector.

When you think of BTM energy storage, the Tesla Powerwall may come to mind. The technology underlying the Tesla Powerwall is a lithium-ion battery, which is the predominant BTM energy storage technology being deployed today, and that trend is expected to continue in the future as costs for the technology continue to fall. It’s also possible that you have heard about vehicle to grid technologies, which has the same underlying idea, it’s just that the lithium-ion battery being used is located within an electric vehicle. It is worth noting that while batteries grab most headlines and have increased in popularity in more recent years, grid interactive electric water heaters have actually been around for a while and can be more cost effective.

If I am a utility customer, why might I be interested in BTM energy storage? Key drivers may be desired bill savings, increased self-consumption of distributed generation, or resiliency. Customers under a time-of-use and/or demand charge rate structure may look to BTM energy storage as a way to save on utility bills. This can be especially appealing for commercial and industrial customer classes. Others may have solar or wind already installed and want to increase utilization of their clean energy resource. Then there are customers who may want BTM energy storage to help provide backup power in case of an outage. This could be a matter of comfort, or it could be more serious, like maintaining critical operations at a health facility.

From the standpoint of utilities, it is important not only to understand these types of customer motivations, but to consider implications for the power sector. For example, as customers utilize BTM energy storage to alter their load and lower their electric bills, utility revenue decreases. The issue here is not inherently that utilities are earning less money, but that utility costs may not be decreasing in correlation.

Another potential concern is “grid defection,” which is when a customer disconnects from the main grid. This issue has been flagged as more customers consider pairing distributed generation with BTM energy storage. However, grid defection has not taken off as it is not currently cost effective or technically possible in most places. This, in combination with other industry trends, such as electrification, suggest that widespread grid defection is

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Electric Market Prepares for Challenging Summer of 2019

By Mark Dreyfus, TPPA Regulatory Consultant

Since the opening of the competitive wholesale market in ERCOT on July 31, 2001, most of Texas has relied on economic incentives to provide for the adequacy of electric supply. In ERCOT’s energy-only market, companies make decisions to invest in new resources based on their assessments of the financial prospects for new investments. Those investment decisions will be made based not only on the market prospects in the near future but on the prospects for investment over the lifetime of the prospective resource. To ensure that there is adequate supply and available reserves in the energy-only market construct, ERCOT depends on the collective decision-making of all the participants in the market. As the summer of 2019 approaches, the collective ERCOT market is anticipating elevated prices in the wholesale market, which if occurring will promote future supply investments, while expecting reliable electric service over the summer in the face of tight supply conditions.

Summer 2018 Planning

ERCOT publishes its five-year estimate of available supply and the forecasted planning reserve two times annually, in anticipation of the winter and summer. The planning reserve represents the anticipated availability of resources — both generation and load resources — at the time of ERCOT’s peak seasonal forecast. The target for planning reserves in ERCOT is 13.75 percent above summer peak. By holding sufficient planning reserves above summer forecast, the market should be able to provide continuous service in the face of summer weather and unforeseen plant outages. The planning reserve target is just that, a target. Unlike many other regions of the country, there is not a regulatory mechanism in ERCOT to ensure that the reserves target is met.

As the summer of 2018 approached, ERCOT’s Capacity Demand and Reserves (CDR) Report, the document that presents the forecasted reserve margin, reported an anticipated summer planning reserve of 9.3 percent above forecasted summer peak. Forward prices for the late summer exceeded $150 per MWh. The Public Utility Commission reached out to the ERCOT generators to coordinate maintenance schedules to ensure the availability of generation at peak. The PUC worked with the Railroad Commission to bring attention to interindustry collaboration.

Planning and preparation paid off in the summer of 2018. While supplies were tight several days in July, the hot weather moderated in August, relieving some stresses on the generation fleet. Overall, the conventional fleet performed well, with only a modest rate of unplanned outages, and the renewable fleet produced above the long-range weather forecast. While continued on pg. 5
prices were indeed elevated, particularly in late July, concerns about extreme prices were not realized.

Summer 2019 Expectations

The upcoming summer of 2019 will again pose challenges for provision of continuous, reliable service. ERCOT’s CDR for summer of 2019 projected a planning reserve margin of 8.1 percent above forecasted summer peak, which was later understood to be 7.4 percent due to recognition of the closure of planned requirements.

In preparation for the summer, the PUC has again met with the members of the market to coordinate maintenance schedules and ensure that distribution companies have reviewed their curtailment processes. The Commission also initiated greater coordination with natural gas transportation providers by working with ERCOT to create the ERCOT Gas-Electric Task Force. TPPA has a seat on this Task Force which has held two meetings to establish improved coordination among generators and the gas transportation companies.

As the summer season approaches, ERCOT released in early March its preliminary Seasonal Assessment of Resource Adequacy report (SARA) for the summer of 2019. The SARA report compares ERCOT’s summer peak forecast with the installed generation resources expected to be available in the summer. The preliminary SARA finds that 3,300 MW of operating reserves will be available at summer peak. Note that unlike the planning reserve in the CDR, the SARA does not account for load resources that may be deployed during the summer. In the SARA, ERCOT tests operating scenarios that may arise during the season. For the preliminary summer SARA, ERCOT tested three scenarios: higher than anticipated unplanned generation outages; extremely low wind output; and extreme weather conditions. In each scenario, the SARA analysis indicates the potential for shortage conditions arising. The final summer SARA will be published by ERCOT in May. In the meantime, the results reinforce the importance of completing seasonal maintenance and planning for extreme conditions.

Balancing Reliability and the Marketplace

Because the ERCOT system delivers reliability through markets, there is always a possibility of tension arising between the reliability needs of the system and market priorities. One example of this tension arose in the aftermath of the unseasonable cold snap in the first week of March. Forecasting unusually cold weather, ERCOT issued an Operating Conditions Notice (OCN) alerting the market to the potential for adverse conditions. The timing of the weather is noteworthy because early...
BTM energy storage can also bring benefits and new opportunities for utilities. Since BTM energy storage can reduce peak demand and alleviate stress on the system, this may provide an opportunity to defer or avoid investment in infrastructure upgrades. For utilities that pay wholesale power suppliers for demand or capacity, BTM energy storage could help lower those payments. BTM energy storage can also help address the challenge of renewable energy intermittency by charging during times of excess generation and discharging during periods of high demand. Many utilities offer demand response programs to help manage peak demand, and BTM energy storage can be another technology option for customer participation in such programs. If BTM energy storage reduces peak demand, it can consequently improve the utility’s load factor, increasing system efficiency. Furthermore, utilities can explore providing new service offerings for BTM energy storage customers such as being the asset aggregator or owner. Services associated with BTM energy storage that are not performed by the utility could be executed by a third party.

Several public power utilities have developed BTM energy storage related programs. JEA in Florida, SMUD in California, and Salt River Project in Arizona all have incentive programs for BTM energy storage systems. Austin Energy in Texas has the Sustainable and Holistic Integration of Energy Storage and Solar Photovoltaics project, which includes BTM energy storage pilots. Investor-owned utilities Green Mountain Power in Vermont, and Liberty Utilities in New Hampshire have pilot projects where they own their customers BTM energy storage system. Ultimately, utilities are exploring different ways to leverage this technology for the benefit of both the system and their customers.

To learn more about BTM energy storage, please read the Association’s report, “Behind-the-Meter Energy Storage: What Utilities Should Know,” which is available to download on the Association’s website (www.publicpower.org).

The report outlines the values and challenges of BTM energy storage systems, from both the customer and utility point of view. It also includes highlights of recent federal and state activities, and utility case studies.
March marks the beginning of seasonal maintenance of generators in preparation for summer conditions. Seeing a potential reliability risk—with cold weather approaching and a large number of generators planning maintenance—ERCOT staff contacted a set of Power Generation Companies to encourage them to delay maintenance until after the cold front subsided.

The aftermath of the cold snap led to vigorous discussion among market stakeholders and ERCOT staff at meetings of the Wholesale Market Subcommittee and the Technical Advisory Committee. From the market perspective, the potential for shortage during the cold snap should rationally elevate wholesale prices, which will serve in the short term as incentive for generators to offer their resources and in the long run as investment incentive. From ERCOT’s perspective, the reliability of the system was at risk, requiring a response from the system operator, in this case reaching out to generators to delay maintenance outages. But in the end, those actions may have had the effect of suppressing market prices.

Senate Bill 7, the legislation that established the modern ERCOT market, was passed 20 years ago next month. The bill established a regulatory framework relying on the market to provide resource adequacy and reliability. It is often quoted that the ERCOT market is the most robust competitive electric market in the country and that electricity competition has saved Texas ratepayers in the billions of dollars. Continued long-term success in ERCOT will depend on keeping a delicate balance of pricing incentives and reliability actions. Summer 2019 will again be a test of that balance.

Save the Date: PUC CCN Workshop on May 2nd

On May 2nd, the Public Utility Commission will host a workshop in its Austin offices exclusively for the municipal community on the process for acquiring a Certificate of Convenience and Necessity (CCN) for transmission construction projects. Senate Bill 776 passed in the 2015 session of the Texas Legislature requires for the first time that all municipal utilities constructing transmission facilities outside the city limits receive a CCN from the PUC before a transmission element is placed in service effective in 2021. The workshop will be an opportunity for utility staff from engineering, environmental, regulatory and legal teams to hear from the PUC and industry experts who have been through the CCN application process.

For more information on this workshop contact Renee Ross at rross@tppa.com or call (512)472-5965, ext. 10.
TPPA Member Profile: Boerne

In the City of Boerne, community owned power is alive and well.

In fact, all five major utility systems serving the citizens of Boerne are owned and operated by the City including electric, water, reclaimed water, wastewater treatment and natural gas.

This places Boerne in the very advantageous position of being able to leverage its local control of the utility systems to achieve the goals of attracting high quality development and furthering the overall quality of life expectations.

In 1942, the City of Boerne purchased the electric distribution system and for over 75 years has offered affordable, safe and reliable operations by and for their citizens and customers.

City Manager Ron Bowman often refers to this scenario as allowing the community to better control its own destiny.

“We want to be the best small town utility we can be,” Bowman said. “‘Reliability’ and ‘affordability’ aren’t just buzzwords, but what we are all about.”

Bowman has been City Manager of Boerne for 35 years and is a past President of the Texas Public Power Association.

“The contacts made and knowledge gained over the years through TPPA have been invaluable in networking and learning what others are doing to better serve their customers,” he said.

Deputy City Manager and General Manager of Utilities Jeff Thompson said that commitment to reliable service for customers is a top priority for him and city staff.

“We take pride in the fact that we do everything we reasonably can to provide service reliability for our customers including an annual tree trimming program, a recent pole assessment and changeout, and the addition of our second substation which has brought system redundancy and a dual feed into the city for the first time,” he said.

Public Works Director Mike Mann said with regular attention to maintenance and system improvements that storm related outages are few and far between.

“The long-term reliability has to do with the main lines and how effective they are,” he said. “In the past decade or so we’ve replaced all our substation breakers and added more state-of-the-art equipment like electronically operated breakers that function as reclosures which serve the purpose of getting as many people’s power back on as quickly as possible.”

Jill Christian, the Customer Care and Accounts Administrator, said that customer service comes first for her team.

“The City’s Customer Care & Accounts Representatives are often the first faces our Boerne Utilities electric crews working in the field.

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INTEGRITY MATTERS

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customers see, so we create the first impression. When a customer comes in, they’re the first ones to say ‘hi’ and welcome them to the city,” she said. “We also work closely with public works and our utilities departments, and in the end we’re all doing this for the customer.”

Finance Director Sandy Mattick said that providing a good experience for the customer at City Hall or on-the-go via remote access has always been a priority.

“We installed our AMI (Advanced Metering Infrastructure) system with city crews including coordination of electric, water, gas and reclaimed water meters,” she said. “It’s allowed our customers more awareness, the opportunity to conserve energy and monitor usage through our Boerne Utility Customer Portal app.”

Beyond Boerne Utilities mainly serving residential customers, Thompson said commercial and retail growth is another priority for the economic development department.

“Boerne is still fast growing for all of our utilities with the exception of the electric department. We are surrounded by three other electric utility providers, so we are focusing additionally on quality in-fill projects,” Thompson said. “In Boerne we have virtually no industrial load, so commercial additions like Buc-ees on I-10, the Bevy Hotel, and a new 50,000 square foot Palomar medical center are the type of quality in-fill projects that the city is seeking through its economic development efforts.”

Thompson, who has worked for over 35 years in public utilities, knows the industry is at a generational crossroads but emphasizes they aren’t backing down from the challenge.

“Like a lot of utilities we face the challenge that many of us are baby boomers and in the later stages of our careers,” he said. “Hiring the next generation of workers and leaders in the utility industry is a big focus for us along with retention and succession planning.”

“We created the apprentice program where we took guys in-house that have shown tremendous ambition to work in the field from the time they were groundsmen,” Operations Administrator Terry Nolan said. “They were really good employees showing the initiative, always asking to do more and wanting to excel.”

Electric Superintendent Rick Mignard said, “They get a little bit of outside training plus their day-to-day on the job experience, so by the time they’re ready to be promoted they know our system and will hopefully be a long-time employee because they’ve been here and devoted so much time to it.”

Boerne Utilities has succeeded in providing quality electric service to its customers for over 75 years. By placing the next generation of community powered utility employees on the path to success, they plan on serving the community with the same focus on customer service, safety, reliability and affordability far into the future.
TPPA 2019 Annual Meeting  
July 29-31, 2019  
Westin Riverwalk  
San Antonio, Texas

Sunday, July 28, 2019
2:00 pm - 5:00 pm  Registration (Ballroom Foyer)

Monday, July 29, 2019
7:00 am - 1:00 pm  Golf Tournament (The Republic Golf Club) Sponsored by Municipal Gas Acquisition & Supply Corp. and other sponsorships available
10:00 am - 6:30 pm  Registration (Ballroom Foyer)
3:00 pm - 5:00 pm  Break (Ballroom Foyer) Sponsored by City of College Station, M&S Engineering and other sponsorships available
3:00 pm - 5:00 pm  Committee Meetings/Presentations (* some committee meetings open for public power member systems only)
  Engineering & Operations
  (Carranza)
  The Science of Lightning – Mike Noth, Austin Energy
  Business Meeting
  Environmental
  (Madero)
  EPA Update
  Business Meeting
  Government Relations/Legal*
  (Hidalgo Ballroom)
  Legislative Session Review
  Business Meeting
  Marketing & Customer Service
  How to Handle Open Records Requests – CPS Energy, Speaker TBD
  Putting a Face on Safety – Molly M. Hall, Energy Education Council
  (Navarro B Ballroom)
  Business Meeting
5:00 pm - 6:30 pm  Reception – (Navarro A Ballroom) Sponsored by Davidson Trollio Ream & Garza, PC, Recurrent Energy and other sponsorships available

Tuesday, July 30, 2019
8:00 am – 6:00 pm  Registration (Ballroom Foyer)
8:30 am – 11:45 am General Session (Navarro A Ballroom)
  8:30 am – 8:45 am  Opening Announcements – TPPA President Kean Register, Bryan
  8:45 am – 9:30 am  TPPA/Texas Update – Russ Keene, TPPA
  9:30 am – 9:45 am  Break (Ballroom Foyer) Sponsored by Austin Energy and other sponsorships available
  9:45 am – 10:30 am  Keynote – Speaker TBD
  10:30 am – 11:30 am  Hateful not Grateful a Personal Story of Resilience in the Face of Personal Loss – Colonel Parker Schenecker, United States Army (Retired)
11:30 am – 1:15 pm  Lunch on your own
1:15 pm – 3:00 pm  Concurrent Session (Track A – Hidalgo Ballroom and Track B – Navarro B Ballroom)
  1:15 pm – 2:05 pm
  Track A –
  MOUs and Cooperatives Bridging the Digital Divide in Texas – Alicia Price, GEUS and Darren Schauer, GVEC
  Track B –
  Effectively Managing Significant Rate Changes – Joe Mancinelli, NewGen Strategies & Solutions and Grant Rabon, NewGen Strategies & Solutions
  2:10 pm – 3:00 pm
  Track A –
  Navigating the Texas Public Utilities Code – Paul Gonzalez, Davidson Trollio Ream & Garza, PC
  Track B –
  Come on Over: Lubbock Power & Light’s Journey to ERCOT – Lambeth Townsend, Lloyd Gosselink Rochelle & Townsend and David McCalla, Lubbock Power & Light
3:00 pm – 3:15 pm  Break (Ballroom Foyer) Sponsored by Lloyd Gosselink Rochelle & Townsend, PC, and Garland Power & Light
3:15 pm – 5:00 pm  Concurrent Sessions (Track A – Hidalgo Ballroom and Track B – Navarro B Ballroom)
  3:15 pm – 4:05 pm
  Track A –
  Track B –
  Cybersecurity: Why It’s Important to TPPA Members & What to Do Now – Doug Westlund, AESI Inc.
  4:10 pm – 5:00 pm
  Track A –
  PUC Transmission Certification: What Cities and their MOUs Need to Know – William (Cody) Faulk, III, Lloyd Gosselink Rochelle & Townsend and Katherine Gross, PUC of Texas
  Track B –
  Utilities United Against Scams – Jen Myers, Oncor
5:00 pm - 6:30 pm  Reception (Navarro A Ballroom) Sponsorships are available

Wednesday, July 31, 2019
8:00 am – Noon  Registration (Ballroom Foyer)
8:00 am – 9:00 am  TPPA Awards Breakfast/General Membership Meeting (Ballroom) Sponsored by AEP Energy Partners, Automated Energy, Kerrville PUB, Lower Colorado River Authority, and other sponsorships available
9:00 am – 9:15 am  Break (Ballroom Foyer) Sponsored by Schneider Engineering, Ltd. and other sponsorships available
9:15 am – 11:45 am General Session (Ballroom) Moderated by Kent Myers, Fredericksburg
  9:15 am – 10:15 am  Federal Update – The View from Washington DC – Michael Nolan, MJN Consulting
  10:15 am – 11:15 am  Mt. Everest and Completing the Seven Summits – Paul Pender
11:15 am – 11:30 am  Wrap-Up/Door Prizes – Sponsored by Automated Energy, NextEra Energy Resources and other sponsorships available

Contact Debra Scarbo at 512-472-5965, Ext. 12 or dscarbo@tppa.com for more information regarding sponsorships.
REGISTRATION FORM

Please register by June 14, 2019 to receive early registration discounts. After June 14th, you must pay the regular registration amount unless your payment is sent in with registration form. You may use this form to register everyone attending from your system (including spouses who may accompany you to the receptions and the awards breakfast). Copy this form as necessary.

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Fees: (see above table)
Spouse/Guest
Golf Fee for you and/or spouse (circle)
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Name __________________________
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Utility/Organization __________________________
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City/State/Zip __________________________
Phone ______________________ FAX ______________________ EMAIL ______________________
Name of Spouse/Guest __________________________

Hotel reservations should be made directly with the Westin Riverwalk by calling (210)224-6500. The hotel is located at 420 West Market Street, San Antonio, TX 78205. To receive special rates of $199 single/double room call (210)224-6500 before June 14, 2019 mentioning the TPPA Annual Meeting when registering. Hotel check-in is at 3:00 p.m. To help us with planning and accommodations, please indicate which events you (and your spouse/guest) plan to attend during the meeting:

Sun., July 28
_____ Registration (2 p.m. – 5 p.m.)

Mon., July 29
_____ Golf (7 a.m. – 1 p.m.) * Golf Tournament is limited to 80 players ($ fee)
_____ Committee Meetings (3 p.m. – 5 p.m.) *Please check the meeting below:
_____ Reception (5 p.m. – 6:30 p.m.)

Tues., July 30
_____ General Session (8 a.m. - Noon)
_____ Concurrent Sessions (1:30 p.m. - 5 p.m.)
_____ Reception (5 p.m. – 6:30 p.m.)

Wed., July 31
_____ Awards Breakfast (8 a.m. – 9 a.m.)
_____ General Session (9 a.m. - Noon)

(Cancellations/No-Shows/Credits/Substitutions): All registration cancellations must be made in writing on or before July 12, 2019. A credit to another TPPA meeting will then be issued for use within the next year. Registrants who cancel after July 12, 2019 will not receive a credit, but attendee substitutions will be allowed for the 2019 TPPA Annual meeting. Registrants and no-shows who did not cancel on or before July 12, 2019, are responsible for the full registration fee and are not entitled to a credit for their registration fee. Cancellations must be made in writing and mailed or emailed to: Debra Scarbo, TPPA, PO Box 82768, Austin, TX 78708, FAX: 512-472-5967, ext. 12, Email: dscarbo@tppa.com

Confirmations and Invoices: Please send my confirmation and invoice via:
_____ Mail _____ E-Mail to: __________________________

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Check Committee Meeting:
_____ Engineering & Operations Committee
_____ Environmental Committee
_____ Government Relations/Legal Committee
_____ Marketing & Customer Service Committee

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TPPA Calendar

Understanding the CCN Process Workshop for MOUs
Hosted by the Public Utility Commission of Texas
May 2, 2019
Austin, TX

TPPA Annual Meeting
July 29-31, 2019
Westin Riverwalk
San Antonio, TX

TPPA Legal Seminar
Oct. 31 - Nov. 1, 2019
Westin Riverwalk
San Antonio, TX

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