

McMillan, Acquanette (Netta)

From: Therese Brummel
Sent: Saturday, September 17, 2022 4:56 AM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Dear Mayor and Council Members,

I am a long time Pasadena resident who cares deeply about the future health and well-being of my community, particularly for my grandchildren, who are also Pasadena residents. I urge you to reject all bids for the IRP modeling and consulting contract and issue a new RFP that will ensure bidding firms have recent, demonstrable expertise in modeling paths to 100% clean energy.

On Friday September 16th the Governor signed SB 1020 into law, requiring CA utilities to transition to at least 90% clean energy by 2035. This new state mandate significantly ramps up the trajectory Pasadena Water and Power will need to meet in years ahead, and with it the importance of outside counsel with clean energy expertise.

The City cannot afford to select a contractor that lacks a track record of modeling paths to 100% clean energy. The good news is governmental agencies regularly cancel and reissue RFPs, including the City of Pasadena. Item #6 on this very agenda is a staff recommendation to reject the outcome of a competitive bidding process.

While this contractor may have done consulting work for the City before, ACES traditional focus on the gas industry is a liability at this critical juncture in our energy future. Times are changing, and with it requisite skill sets. This is why neighboring municipal utilities such as LADWP selected the National Renewable Energy Laboratory (NREL), a publicly-funded, privately-managed United States government national lab with tremendous experience with IRP's and access to a wide library of transparent computational models, to conduct its recent IRP process. In recent years NREL has helped many cities with the modeling necessary for IRPs, including LA City's pathways for reaching 100% carbon free energy by 2035.

I urge you to exercise your leadership and reset this process. We need to do better. We can do better. Pasadena should be a leader on this path among our surrounding cities!

Thank you for your service to the community, Sincerely, Therese Brummel

Sent from my iPhone

09/19/2022
Item 19

McMillan, Acquanette (Netta)

From: Kitty Kroger
Sent: Saturday, September 17, 2022 7:51 AM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Thank you for your service to the community,

Kathryn Kroger

09/19/2022
Item 19

McMillan, Acquanette (Netta)

From: Wesley Reutimann
Sent: Saturday, September 17, 2022 4:26 PM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Dear Mayor Gordo and Members of the Pasadena City Council,

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Thank you for your service to the community,

Wes and Kristin Reutimann
Pasadena 91103

09/19/2022
Item 19

McMillan, Acquanette (Netta)

From: cheryl auger <
Sent: Sunday, September 18, 2022 3:20 PM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Thank you for your service to the community,

Cheryl Auger, District 6

McMillan, Acquanette (Netta)

From: Jane Lawton Moore
Sent: Monday, September 19, 2022 8:58 AM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Dear Mayor and Council Members,

As an Altadena resident who cares deeply about the future health and well-being of my community, I urge you to reject all bids for the IRP modeling and consulting contract and issue a new RFP that will ensure bidding firms have recent, demonstrable expertise in modeling paths to 100% clean energy.

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Thank you for your service to the community,

Sincerely,

Jane Potelle

McMillan, Acquanette (Netta)

From: Sam Berndt <...>
Sent: Sunday, September 18, 2022 11:16 PM
To: PublicComment-AutoResponse
Subject: Agenda Item 19 - Meeting 9/19/22 Re: MSC ACES Contract

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Pasadena City Councilmembers,

We are on the brink of climate breakdown. Whoever sets up our energy plan for the next 25 years through the IRP must understand this and have the wealth of knowledge necessary to transition our great city to carbon free energy.

As a member of the STAG for PWP's IRP, I find it wholly unacceptable that we will be starting the IRP off on the wrong foot by hiring a consulting company, ACES, that does not have a depth of experience in transitioning to carbon free energy. The recommendation on Agenda Item 19 is to use nearly half a million dollars of Pasadena taxpayers money to hire a consultant that is inexperienced in meeting the needs of our city.

I urge Pasadena City Council to reject the MSC's recommendation and restart the RFP process with the transition to carbon free energy by 2030 as its number one priority.

Best,
Sam Berndt

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McMillan, Acquanette (Netta)

From: Claudia Funke
Sent: Monday, September 19, 2022 10:11 AM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Dear Mayor and Council Members,

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On Friday September 16th, Governor Newsom signed SB 1020 into law, requiring CA utilities to transition to at least 90% clean energy by 2035. **Pasadena needs to have consulting and modeling for the IRP that leaves no stone unturned in looking to do this in the most efficient and cost-effective way. It cannot afford to go with an Indiana firm that has no demonstrated accomplishment in transitioning to clean power.**

Thank you for your service to our community.

Sincerely,
Claudia Funke

Member, Pasadena 100

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McMillan, Acquanette (Netta)

From: David Cutter
Sent: Monday, September 19, 2022 10:37 AM
To: PublicComment-AutoResponse
Subject: Item #19 - Please Reset the IRP Consultant Selection Process

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Thank you for your service to the community,

David Cutter
Pianist
Free eBook: "Artistry and Piano Students: Inspiring a Lifetime of Enjoyment."

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McMillan, Acquanette (Netta)

From: Susan Campisi
Sent: Monday, September 19, 2022 10:46 AM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Dear Mayor and Council Members,

I care deeply about the future of our community, region, and planet. As I watch the devastating impacts of climate change play out around the world, I've become increasingly alarmed and desperate to figure out how to help stop the acceleration of the crisis.

For this reason, I urge you to reset the IRP consultant selection process. Any contract with a firm committed to fossil fuel projects fails to meet the urgency of the moment.

Here's an excerpt from an interview I heard this morning with **climate scientist Michael Mann** (presidential distinguished professor and director of the Penn Center for Science, Sustainability, and the Media, who's now at the University of Pennsylvania):

"... with these catastrophic events that we see playing out now in real time, we are witnessing the devastating consequences of climate change now. This isn't 10 years into the future. It's not way off in the Arctic. It's where we live now. We are experiencing devastating consequences of past climate inaction, and it really drives home the importance of taking action now.

You know, the physics isn't that difficult here. You make the planet warmer, you're going to get more heat. You're going to get more intense and more frequent heat waves, like we've seen this summer and every summer in recent history. You make the atmosphere warmer, it holds moisture, more moisture. So you get those flooding events. You get the sort of devastating flooding that we're seeing right now with these landfalling hurricanes. You make the soils warmer in the summer, you dry them out more, so you get more drought. And what we see out west, the heat, the drought combine to give us those devastating wildfires. And so, this isn't rocket science. The physics here is very basic, and it tells us that we're reaping what we've sown. We're now experiencing devastating climate impacts. ...

... you know, the physics here don't respect individual ocean basins. Everywhere you go, warmer oceans mean more intense hurricanes or typhoons, as we call them over there, and worse flooding with these storms. And that's really what we're seeing here. And, you know, this is really just sort of the tip of the iceberg. The good news is we can prevent this all from getting worse if we bring those carbon emissions down, you know, as I said, 50% within the next decade, down to zero by mid-century. We can prevent further warming of the planet and worsening of these effects.

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But if we continue to burn fossil fuels, all of this only gets worse. This only becomes a glimpse of what is to come."

Read the full transcript or listen to the interview

here: https://www.democracynow.org/2022/9/19/climate_disasters_puerto_rico_alaska_japan

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Thank you for your service to the community,

Susan Campisi
Altadena resident
Transition Pasadena member

I urge the Pasadena City Council to select a vendor with a proven track record of prioritizing the accelerated transition to clean energy.

We don't want to end up with a do-nothing plan down the road that will be rejected by the community and further delay the development of a plan which actually addresses the current climate crisis.

The potential vendors aren't even in California (the nation's leader in addressing climate change):
Northwest Economic Research - Oregon

ACES - Indiana

Black & Veatch - Missouri

Ascent Analytics - Colorado

Siemens Industry - New Jersey

Charles River Assoc. - Massachusetts

The vendor tasked with developing Pasadena's IRP should possess demonstrated aggressive action plans towards combating climate change.

The IRP should also comply with SB 1020¹ which now requires 90% renewable energy and zero-carbon electricity by 2035, 95% by 2040, and eventually 100% by 2045.

Yadi

Pasadena City Council Meeting

September 19, 2022

19. Contract with Alliance for Cooperative Energy Services for modeling and consulting services for 2023 IRP

RECEIVED

2022 SEP 19 AM 11:55

CITY CLERK
CITY OF PASADENA

¹ https://leginfo.legislature.ca.gov/faces/billCompareClient.xhtml?bill_id=202120220SB1020&showamends=false

McMillan, Acquanette (Netta)

From: Nick Laushkin
Sent: Monday, September 19, 2022 12:25 PM
To: PublicComment-AutoResponse
Subject: PWP proposed contract award to ACES- at City Council today

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The last few years and especially the next several years will bring increasingly rapid changes to transportation (autos and trucks going electric) and electrical source usage (solar power with battery).

California is riding the front wave of these changes through state legislation. The City of Pasadena itself is front and center, and already has received, will be receiving, grants and monies to help with transportation solutions.

Asking for close consideration of PWP IRP consultants familiar with California matters- forward thinkers, as could be a key ally to secure the best and brightest future.

Especially for those in the City, the renters and those with less income, who could initially use the most assistance to lower their daily cost of living. During this time of transition to low cost electric vehicles and affordable utility bills, in daily households.

Nick Laushkin
Knox Presbyterian Sustainability Team

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Item 19

2022 SEP 19 PM 2: 18

CITY CLERK
CITY OF PASADENA

ACES is a nationally-recognized wholesale energy management, advisory, and risk management company that has maintained its public power-oriented focus of providing quality services in a cost-effective manner since 1999. ACES was originally created by generation and transmission electric cooperatives to create economies of scale to serve the interests of public-power. ACES is not in the oil and gas industry. ACES is not a lobbyist for any industry. ACES provides a wide variety of services to help its clients manage short- and long-term risks inherent in energy markets. ACES provides all services as agent for its clients. ACES does not trade in its own name nor take title to any commodity. ACES is not a trading firm but an energy management company that aids our clients in managing their energy risk by transacting in the wholesale power markets and providing resource planning services for their future energy needs.

ACES has approximately 265 employees and is headquartered in Carmel, Indiana, with regional trading centers (RTC) in Raleigh, North Carolina; Maple Grove, Minnesota; and Benson, Arizona.

In 2016, ACES embraced the need for greater diversity by creating The ACES Network, an internal team working alongside senior leadership to further the company's Diversity, Equity, and Inclusion efforts. Approximately 27% of ACES staff identify as female and nearly a quarter of those identifying as female hold management or supervisory roles. ACES strives to hire, retain, and grow top talent in the energy industry and foster a culture where everyone is welcome and valued.

ACES performs a majority the services it provides Pasadena Water and Power at its West RTC in Benson, Arizona. ACES' West RTC is comprised of twenty three employees, 14 of which identify as Hispanic or Latino, and seven of which identify as female.

ACES has been conducting long-term planning studies in various forms for over 20 years. Through its integrated resources planning (IRP) services, ACES has assisted a variety of entities with assembling long-term portfolios that meet their desired portfolio make-up at the lowest possible cost. This includes performing net-zero planning studies. ACES utilizes state of the art resource planning software and our experienced resource planning team has previously worked for clean energy utilities with a western area focus. ACES has worked with other clients to leverage and develop Environmental Social Governance (ESG) goals and metrics, and can reflect such expertise into the IRP discussions. ACES will continue to adapt its models and services to meet Pasadena's needs and goals.

ACES considers all types of commercially available renewables in its models, including geothermal technologies, distributed resources (commercial cooling, residential cooling, interruptible load), numerous combinations of solar (commercial, residential, utility scale), wind, and storage (of varying durations) resources, among others.

In 2021, ACES was contracted to develop an update to the 2018 Pasadena Water and Power IRP. This IRP update included the addition of California environmental regulations, as well as additional considerations for incorporating the Social Cost of Carbon (more than \$200/short-ton by 2030, which was the highest available estimate provided in documentation provided by the federal government) in all model runs. Models were optimized to meet the Senate Bill 100 required compliance periods of 44% by 2024, 52% by 2027, 60% by 2030, and 100% by 2045. Additionally, ACES incorporated the California Cap-and-Trade program, which targets a 40% emission reduction in statewide emissions from 1990 levels by 2030. Portfolios were also designed to target zero emissions in 2046 and beyond. ACES will continue to perform customized services with Pasadena Water and Power in an ever changing energy landscape.

09/19/2022
Item 19

Iraheta, Alba

From: Elizabeth Kay Fife
Sent: Monday, September 19, 2022 2:46 PM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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I urge you to exercise your leadership and reset this process. Pasadena should be a model for other cities. And we expect more from a City home to brilliant minds and world-renown institutions such as CalTech.

Thank you for your service to the community,

Elizabeth Fife

Elizabeth Fife, Ph.D.
Associate Professor, Technical Communication Practice
Viterbi School of Engineering, OHE 104
University of Southern California
Los Angeles, CA 90089

Iraheta, Alba

From:
Sent: Monday, September 19, 2022 2:46 PM
To: Gordo, Victor; Rivas, Jessica; Wilson, Andy; Hampton, Tyron; Madison, Steve; Williams, Felicia; Masuda, Gene; PublicComment-AutoResponse; jill@makinghousinghappen.com
Subject: Item 19: ACES contract

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Dear Mayor Gordo and City Council members,

My wife and I installed solar panels on our home and have a plug in hybrid electric car and have thereby reduced our carbon footprint by 80%. Our intention was to do good, but we have also done well. Our efforts to go green have saved us money over the past seven years.

I am deeply disturbed to learn that the City is considering entering into an agreement with ACES to provide consulting services for our an Integrated Resource Plan (IRP). We need an IRP that will help Pasadena transition to sustainable, carbon-free energy, similar to what we are trying to do with our home. As pointed out by Rick Cole, Pasadena 100, and other environmentally conscious groups and individuals, ACES is biased towards natural gas (a highly polluting energy source that emits methane). I strongly urge you to consider choosing a consultant that can help us consider alternatives to fossil fuel so that we aren't saddled with expensive and polluting gas contracts the way we were saddled with coal contracts. The future does not lie with fossil fuel. It lies with renewable energy like wind, solar, and geo-thermal. We need an IRP that will align us with the future, not the past.

When it comes to the cost of energy from new power plants, onshore wind and solar are now the cheapest sources—costing less than gas, geothermal, coal, or nuclear. As the price of batteries and renewable energy comes down, the price of fossil fuels like gas and coal keeps increasing. It makes no sense to lock our city into dependence on natural gas.

With Cal Tech and JPL located in our city, we can do better and act smarter by planning for a fossil-fuel-free future.

Respectfully,

Anthony Manousos

Iraheta, Alba

From: Carl Selkin < >
Sent: Monday, September 19, 2022 2:50 PM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Dear Mayor and Council Members,

We need to face the challenges of rapid climate change with urgency and appropriate new technology. At least one member of the council has suggested that PWP craft and evaluate an IRP to transition to 100% carbon-free electricity by 2030. This needs to be the council's directive. Please affirm this as the charge to staff and consultants. While it is not clear that ACES has the capacity to formulate the questions and provide the expertise in house that can produce such a plan, Pasadena must require them to do so under the contract.

The challenge Pasadena faces is not unique. Los Angeles grapples with a similar complex of issues, as have Sacramento, Denver, Colorado and other municipalities. Fossil fuel interests, ACES bread and butter diet, do their best to keep their products in the mix, hydrocarbons that inevitably sabotage the goal we need to pursue.

Carbon free energy generation, storage, and distribution is a solution advocated by Pasadena 100 and other thoughtful voices. There is a good deal of evidence that this approach yields benefits—resilience, reliability, scalability and the baseline firm energy we require. The cost of the infrastructure amortized over the twenty-year lifespan of solar panels results in significant savings and a hedge against the rising costs of fossil energy--energy from fuels priced on global markets, subject to manipulation, wars and natural disasters.

Lessons from school districts turning to locally generated solar energy point to community economic benefits:

https://www.nytimes.com/2022/09/15/climate/solar-energy-school-funding.html?campaign_id=2&emc=edit_th_20220916&instance_id=72067&nl=todaysheadlines®id=49253898&segment_id=107203&user_id=22c7d15505da8e5a5f5640eedd583281

Savings on power have been directed into higher teacher salaries, classroom improvement, and rent subsidies for staff. Imagine how this strategy could reduce the utility bills of Pasadena residents and businesses, while generating resources for affordable and missing middle housing. Thinking outside of the grid can have direct and indirect economic benefit to those of greatest economic need in our city.

Please provide the leadership that Pasadena most critically needs as we set the IRP that will guide us to a sustainable and bright future.

Thank you for your service to the community,

Carl Selkin

McMillan, Acquanette (Netta)

From: Robert Haw <roberthaw2008@gmail.com>
Sent: Monday, September 19, 2022 3:14 PM
To: PublicComment-AutoResponse
Subject: written submission - Agenda item 19

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Comment on Agenda Item 19, for the Sept 19 Council meeting

Thank you.

- Robert Haw

After all IRP analyses are done, if past experience is any guide, the final selection of a portfolio from the IRP study is always based on lowest rates while in accordance with State law. So the cost model used in the IRP is highly important.

Not all cost models have equal fidelity and capability and I'm bothered by the way cost modeling is currently performed by PWP and ACES. They use models like AURORA and EnCompass, which are widely used in industry, but they are low fidelity instruments developed for fossil fuel resources. Those models use 1-hour update cycles for computing dispatch and loads. 1-hour may sound pretty tight but it's woefully inadequate with today's computing power.

What is needed is a high-fidelity forecasting tool. A model cable of optimizing costs for simultaneous 5-minute dispatch and power flows (not 1-hour), along with 25-years of forward-looking resource allocation. It's been shown that this approach yields more accurate predictions along with additional cost-savings compared with low-fidelity tools. *That's* what PWP needs now for the age we're entering, not modeling tools developed for fossil fuels.

Such tools already exist, but ACES has no expertise with them. PWP needs to hire a contractor familiar with high-fidelity modeling.

09/19/2022
Item 19

McMillan, Acquanette (Netta)

From: John Odell
Sent: Monday, September 19, 2022 4:07 PM
To: PublicComment-AutoResponse
Subject: Today's Council meeting, agenda item

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Pasadena, CA 91103
19 September 2022

Regarding today's Council meeting, agenda item 19

Mayor Gordo and City Council Members

Dear friends:

I respectfully urge you to vote against approval of a contract for ACES to provide modeling and consulting services for the coming power Integrated Resources Plan. Instead the Council should direct staff to re-open the bidding for this major expenditure.

The main reason is that the work described in this Request for Proposals is far more complex than has been done in Pasadena before. The Council has not been given convincing evidence that this company is the best qualified to accomplish such complex work with high quality.

Up to now, our IRPs have concentrated on alternative forms of energy supply, seeking the lowest-cost mix. This time we also need modeling of three related dimensions that also vary, then integrating them. These additional dimensions are demand-side measures, rate re-design, and rare extreme events. New incentives, for instance, for energy efficiency and rate re-designs could feed back to change the load forecast and needs for distribution investments. Extreme events like the freeze in Texas could disrupt natural gas supplies to Pasadena. In addition, we should consider the effects of each scenario on social equity in Pasadena. Integrating all these will be four times as complex as what we have done before.

At the MSC meeting, PWP staff reportedly cited ACES experience in producing IRPs for two small rural cooperatives in other states plus Pasadena's 2020/21 IRP update. This evidence does not seem convincing; what ACES demonstrated two years ago was far less than is demanded by the current RFP. I believe you should insist that the staff re-open the search, then give you more convincing evidence that we have the best qualified firm for this different, more complex work.

Thank you for your kind consideration.

Sincerely,

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Item 19

John Odell

RECEIVED

Cynthia Cannady

2022 SEP 19 PM 4: 21

CITY CLERK
CITY OF PASADENA

September 19, 2022
RE: Agenda item #19

Dear Mayor, Vice Mayor and Pasadena City Council Members:

For \$427,000 a consultant should add value. What would be the value added by ACES as the consultant for the Pasadena 2023 Integrated Resource Plan (IRP)?

We learned during the MSC meeting last week that ACES' only experience with IRPs is with 2 utility cooperatives in the towns of Hays, Kansas and Sedalia, Colorado, and with the 2021 update of our own IRP.

Sedalia has a population of 171 and its coop utility manages its electricity with 10 other rural and suburban communities near Denver. It's unclear whether the IRP support provided by ACES was for the entire region serviced by the cooperative utility. Hays, Kansas is another rural cooperative and, notably, its 2021 power mix is 70% coal and gas. <https://core.coop/my-cooperative/energy-portfolio-mix/>

The Pasadena 2021 IRP update was a very limited exercise that involved presentation graphics and only one modeling exercise using a simple least cost algorithm.
<https://www.cityofpasadena.net/commissions/wp-content/uploads/sites/31/2021-07-13-EAC-2021-Power-IRP-Update-Presentation.pdf?v=1626048000054>

Looking at the ACES website, there are at least 10 references to coal and gas plus a 4 minute video on gas that begins with this statement: "Natural gas is quickly becoming the most important fuel used for generating electricity...." <https://www.acespower.com/fuels/>

PWP responds that the ACES staff are just "number crunchers" and that PWP will do the work of giving them data and defining the scenarios. They say that the software will spit out what Pasadena's choices are and how much they will cost ratepayers. Based on my 30 years of experience counseling technology companies, computer software is not a neutral robot. Computer software modeling for climate change is not an R2D2 that will save us from climate disaster. The modeler and the software program make a difference.

The modeler makes choices for data, assumptions, forecasts, demand response, rate design and those choices are critical. Monte Carlo simulation involve large numbers and data sets, but it generates diverse ranges of results. In Los Angeles, the National Renewable Energy Laboratory generated dozens of scenarios before it ultimately presented LADWP with choices for its 100% carbon free plan.

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Different consultants work with different computer software programs for modeling, some of which are better than others. Some programs are proprietary black boxes, so it's hard to know what assumptions were made. Others are transparent and more understandable to the lay public.

It's not at all clear that PWP has adequate staff to provide the data that the supposedly objective number crunchers need. Because we are a relatively small publicly owned utility, we do need to buy expertise and experience.

We need a consultant with knowledge about:

- renewable energy price and value forecasts
- supply chain issues,
- storage, pricing
- the balance between distributed generation vs. utility scale,
- new technologies like virtual public utilities and long duration storage,
- community solar and virtual net metering,
- resilience,
- rate design,
- demand response,
- knowledge about California's requirements, and
- so many other variables

The RFP seems to call for complex modeling, possibly with many of these inputs. Can ACES do this? ACES' two experiences with Sedelia, Colorado and Hays, Kansas and its very limited work on the IRP update suggest that it lacks experience, expertise and possibly objectivity.

Perhaps there is more that we do not know about ACES' capabilities. If so, PWP should publish the ACES proposal and correspondence and provide a better rationale to the City Council and the public. The current rationale seems to be that they are just number crunchers and so are not doing much other than turning on the computer and starting software runs. If that is true, then why will they be paid \$427,000?

\$427,000 for consulting could be a prudent investment in the future. What is the value Pasadena will receive? The value of good information is priceless because it helps us make choices to safeguard our health, our property values, our water, indeed the survival of our children and grandchildren.

But spending \$427,000 for undefined value is imprudent. I encourage the Council to send this matter back to PWP with a request for more specifics and, if appropriate, to reopen the RFP so that our city can benefit from experience and expertise as we face the climate crisis ahead.

Cynthia Cannady

McMillan, Acquanette (Netta)

From: Colin Bogart
Sent: Monday, September 19, 2022 4:12 PM
To: PublicComment-AutoResponse
Subject: Item #19 - No ACEs in this hole: Please Reset the IRP Consultant Selection Process

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Dear Mayor and Council Members,

As a Pasadena resident who cares deeply about the future health and well-being of my community, I urge you to reject all bids for the IRP modeling and consulting contract and issue a new RFP that will ensure bidding firms have recent, demonstrable expertise in modeling paths to 100% clean energy.

On Friday September 16th the Governor signed SB 1020 into law, requiring CA utilities to transition to at least 90% clean energy by 2035. This new state mandate significantly ramps up the trajectory Pasadena Water and Power will need to meet in years ahead, and with it the importance of outside counsel with clean energy expertise.

The City cannot afford to select a contractor that lacks a track record of modeling paths to 100% clean energy. While this contractor may have done consulting work for the City before, ACES traditional focus on the gas industry is a liability at this critical juncture in our energy future. Times are changing, and with it requisite skill sets. This is why neighboring municipal utilities such as LADWP selected the National Renewable Energy Laboratory (NREL), a publicly-funded, privately-managed United States government national lab with tremendous experience with IRP's and access to a wide library of transparent computational models, to conduct its recent IRP process. In recent years NREL has helped many cities with the modeling necessary for IRPs, including LA City's pathways for reaching 100% carbon free energy by 2035.

The good news is governmental agencies regularly cancel and reissue RFPs, including the City of Pasadena. Item #6 on this very agenda is a staff recommendation to reject the outcome of a competitive bidding process.

I urge you to exercise your leadership and reset this process. We need to do better. We can do better. And we expect more from a City home to brilliant minds and world-renown institutions such as CalTech.

Thank you for your service to the community,

Colin Bogart
District 1 resident, 91103

09/19/2022
Item 19

Sabha, Tamer

From: Olafson, Barry D.
Sent: Monday, September 19, 2022 6:38 PM
To: PublicComment-AutoResponse
Subject: Agenda Item #19

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I think the Council should engage a consultant who is clearly in favor of reducing our dependence on fossil fuels. The organization proposed seems to be lukewarm at best in promoting renewable energy and the inference might be that they are "in the pocket" of fossil fuel interests who continue to put profits ahead of the welfare of the citizens of Pasadena.

Barry Olafson
Caltech PhD