



March 1, 2019

Ms. Lora W. Johnson
Clerk of Council
City Hall - Room 1E09
1300 Perdido Street
New Orleans, LA 70112

In Re: Resolution and Order Opening an Inquiry into Establishing a Smart Cities Initiative for the City of New Orleans and Directing Entergy New Orleans LLC to Report with Respect to Matters Related to Grid Modernization

Dear Ms. Johnson:

Please find attached the Alliance for Affordable Energy's comments for the above mentioned docket. Please accept this original, and three (3) copies of this filing into the official record.

Thank you for your assistance.

Sincerely,

Logan A. Burke
Executive Director
Alliance for Affordable Energy

**Before The
Council of the City of New Orleans**

In Re: Resolution and Order Opening an Inquiry into Establishing a Smart Cities Initiative for the City of New Orleans and Directing Entergy New Orleans LLC to Report with Respect to Matters Related to Grid Modernization

Docket UD-18-01

The Alliance for Affordable Energy List of Issues for Information Gathering Proceeding related to Electric Vehicles

Pursuant to Council Resolution R-18- 537, which set forth a plan for information gathering to inform further policy decisions related to Electric Vehicles (“EV”), the Alliance for Affordable Energy (“Alliance”) respectfully files this List of Issues for consideration. Through the instant docket and Resolution R-18-100, this Council has affirmed that policies which encourage electric vehicles are a priority, as they are in the public interest. The Alliance agrees and appreciates the opportunity to take a comprehensive look at the various issues and opportunities EVs present to the city of New Orleans. We are also very encouraged that this docket allows for public input and engagement via comment, technical conferences, and a public meeting.

Electric Vehicles are part of the modernization of the larger energy landscape, and is considered to be an important piece of “beneficial electrification,” a strategy that aims to replace fossil fuels with electricity at every point of consumption, providing multiple benefits including cost savings, improved health outcomes, and climate change mitigation. For example, although the consumer expectation may be that electric vehicles are too expensive for the average driver,

studies show that drivers in all 50 states stand to save money by switching to EVs¹, and the emissions reductions resulting from switching transit fleets to run on electricity can help New Orleans meet our climate action goals.²

The Alliance agrees that all items listed in Resolution R-18-537 should be part of the information gathering proceeding. In addition, we provide the following additional areas of interest for discussion and investigation:

- Non-participant rate benefit/costs
- Cost allocation
- Impact of EV adoption in future Integrated Resource Planning.
- Electrification of New Orleans' Regional Transit Authority fleets, School bus fleets, etc.
- Market development beyond the utility to third-party charging providers, and associated consumer protections.
- Emissions impact tracking for climate/health goals
- Address under-served neighborhoods
- Opportunities for private investment, and funds from federal /state programs or grants to reduce up-front costs
- Intersection of Smart City initiatives and EV deployment³

¹ Mia Yamauchi, Plugless, *Driving on Electricity Is Cheaper than Gas in All 50 States*
<https://www.pluglesspower.com/learn/driving-electricity-cheaper-gas-50-states/>

² Climate Action for a Resilient New Orleans, July, 2017.
<https://www.nola.gov/nola/media/Climate-Action/Climate-Action-for-a-Resilient-New-Orleans.pdf>

³ City of Los Angeles- <http://bsl.lacity.org/smartcity-smartnode.html>

- Multi-family housing/Commercial property policies for installations.

As New Orleans is not the first to consider electrification of transportation, we encourage the parties to look to other cities and agencies who have begun preparations for the necessary technology, infrastructure, and policies required to support it. Lists of best practices, calculation tools, policy guidelines, readiness scorecards, and technical resources are already available to resolve some of the issues already outlined in R-18-537

-U.S. Department of Energy, Alternative Fuels Data Center

<https://afdc.energy.gov/pev-readiness.html>

-Lawrence Berkley National Laboratory, The Future of Transportation Electrification

<https://emp.lbl.gov/publications/future-transportation-electrification>

-National Renewable Energy Laboratory, Electric Vehicle Grid Integration

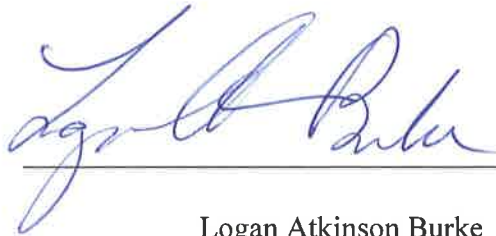
<https://www.nrel.gov/transportation/project-ev-grid-integration.html>

The Alliance looks forward to engaging in this docket with all stakeholders to find mutually beneficial ways to equitably and cost effectively further electrify New Orleans.

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DOCKET UD-18-01

I hereby certify that I have this 1st Day of March, 2019, served the required number of copies of the foregoing correspondence upon all other known parties of this proceeding, by USPS or electronic mail.



Logan Atkinson Burke
Alliance for Affordable Energy

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Lora W. Johnson, lwjohnson@nola.gov
Clerk of Council
City Hall - Room 1E09
1300 Perdido Street
New Orleans, LA 70112
(504) 658-1085 - office
(504) 658-1140 - fax
Service of Discovery not require

Connolly Reed, careed@nola.gov
City Hall - Room 6E07
1300 Perdido Street
New Orleans, LA 70112
(504) 658-1110 - office
(504) 658-1117 - fax

David Gavlinski, 504-658-1101, dsgavlinski@nola.gov
Council Chief of Staff
City Hall - Room 1E06

1300 Perdido Street
New Orleans, LA 70112

Rebecca Dietz, rhdietz@nola.gov
Bobbie Mason, bfmason1@nola.gov
Law Department
City Hall - 5th Floor
New Orleans, LA 70112
(504) 658-9800 - office
(504) 658-9869 - fax
Service of Discovery not required

Beverly Gariepy, bbgariepy@nola.gov
Department of Finance
City Hall - Room 3E06
1300 Perdido Street
New Orleans, LA 70112
(504) 658-1502- office
(504) 658-1705 – fax

ADMINISTRATIVE HEARING OFFICER

Hon. Jeffrey S. Gulin, jgulin@verizon.net
3203 Bridle Ridge Lane
Lutherville, MD 21093
(410) 627-5357

NEW ORLEANS CITY COUNCIL CONSULTANTS

Clinton A. Vince, clinton.vince@dentons.com
Presley Reed, presley.reedjr@dentons.com
Emma F. Hand, emma.hand@dentons.com
1900 K Street NW
Washington, DC 20006
(202) 408-6400 - office
(202) 408-6399 - fax

Basile J. Uddo (504) 583-8604 cell, buddo@earthlink.net
J. A. "Jay" Beatmann, Jr. (504) 256-6142 cell, (504) 524-5446 office direct,
jay.beatmann@dentons.com
c/o DENTONS US LLP
650 Poydras Street
Suite 2850
New Orleans, LA 70130

Kelley Bazile, kbazile@wilkinsonplc.com

Wilkerson and Associates, PLC
650 Poydras Street - Suite 1913
New Orleans, LA 70130
(504) 522-4572 - office
(504) 522-0728 - fax

Philip Movish, pmovish@ergconsulting.com
Victor M. Prep, vprep@ergconsulting.com
Joseph W. Rogers, jrogers@ergconsulting.com
Cortney Crouch, ccrouch@ergconsulting.com
Legend Consulting Group
8055 East Tufts Ave., Suite 1250
Denver, CO 80237-2835
(303) 843-0351 - office
(303) 843-0529 - fax

Errol Smith, (504) 284-8733, ersmith@btcpas.com
Bruno and Tervalon
4298 Elysian Fields Avenue
New Orleans, LA 70122
(504) 284-8296 – fax

ENERGY NEW ORLEANS, INC.

Gary E. Huntley, 504-670-3680, ghuntle@entergy.com
Entergy New Orleans, Inc.
Vice-President, Regulatory Affairs
1600 Perdido Street, L-MAG 505B
New Orleans, LA 70112
504-670-3615 fax

Polly S. Rosemond, 504-670-3567, prosemo@entergy.com
Entergy New Orleans, Inc.
Manager, Regulatory Affairs
1600 Perdido Street, L-MAG 505B
New Orleans, LA 70112

Derek Mills, dmills3@entergy.com
Project Manager
1600 Perdido Street, Bldg. #505
New Orleans, LA 70112
504-670-3527

Seth Cureington, 504-670-3602, scurein@entergy.com

Entergy New Orleans, Inc.
Manager, Resource Planning
1600 Perdido Street, L-MAG 505B
New Orleans, LA 70112

Tim Cragin (504) 576-6523 office, tcragin@entergy.com
Brian L. Guillot (504) 576-2603 office, bguill1@entergy.com
Alyssa Maurice-Anderson (504) 576-6523 office, amauric@entergy.com
Harry Barton (504) 576-2984 office, hbarton@entergy.com
Karen Freese (504) 576-4170 office, kfreese@entergy.com
Entergy Services, Inc.
Mail Unit L-ENT-26E
639 Loyola Avenue
New Orleans, LA 70113
(504) 576-5579 - fax

Joe Romano, III (504) 576-4764, jroman1@entergy.com
Suzanne Fontan (504) 576-7497, sfontan@entergy.com
Danielle Burleigh (504) 576-6185, dburlei@entergy.com
Therese Perrault (504-576-6950), tperrau@entergy.com
Entergy Services, Inc.
Mail Unit L-ENT-4C
639 Loyola Avenue
New Orleans, LA 70113
(504)576-6029 - fax

GULF STATES RENEWABLE ENERGY INDUSTRIES ASSOCIATION

Jeff Cantin, Jeff@gsriea.org
400 Poydras Street Suite 900
New Orleans, LA 70130