

RESOLUTION
(AS CORRECTED)

NO. R-18-536

CITY HALL: December 20, 2018

BY: COUNCILMEMBERS WILLIAMS, MORENO, GIARRUSSO, BANKS AND NGUYEN

RESOLUTION AND ORDER ESTABLISHING A PROCEDURAL SCHEDULE IN CONNECTION WITH THE 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 AND MERGING DOCKET NO. UD-18-02 (ELECTRIC VEHICLES) WITH DOCKET NO. UD-18-01 (SMART CITIES)

DOCKET NO. UD-18-01

WHEREAS, pursuant to the Constitution of the State of Louisiana and the Home Rule Charter of the City of New Orleans, the Council of the City of New Orleans (“Council”) is the governmental body with the power of supervision, regulation, and control over public utilities providing service within the City of New Orleans; and

WHEREAS, pursuant to its powers of supervision, regulation, and control over public utilities, the Council is responsible for fixing and changing rates and charges of public utilities and making all necessary rules and regulations to govern applications for the fixing and changing of rates and charges of public utilities; and

WHEREAS, Entergy New Orleans, LLC (“ENO”) is a public utility providing electric and natural gas service to all of New Orleans;¹ and

¹ On November 30, 2017, Entergy New Orleans, Inc. undertook a restructuring, which resulted in the transfer of substantially all of its assets and operations to Entergy New Orleans, LLC, which since that date provides retail electric and gas utility service to New Orleans.

WHEREAS, pursuant to its powers of supervision, regulation, and control over public utilities, the Council is responsible for granting utility franchises related to wireless and wireline telecommunications; and

WHEREAS, there have been enormous changes to and advances in the state of technology related to electric grids, telecommunications and data systems; and

WHEREAS, virtually every aspect of what cities do and how their residents live and work are affected by advanced technology; and

WHEREAS, electric grid technology, information and communication technology, the Internet of Things and other aspects of modern urban life are profoundly affected by how technology is deployed and integrated into all aspects of city services, utilities, and the lives of residents and businesses; and

WHEREAS, the Council has repeatedly expressed support for the efficient use of clean sustainable technologies to improve the quality of life of its citizens and businesses; and

WHEREAS, municipal governments around the globe recognize that deploying sustainable strategies and becoming technologically smarter is necessary to improve the quality of life and to gain a competitive advantage in attracting investment and positive economic growth; and

WHEREAS, New Orleans stands at the edge of this technological frontier and now has the opportunity to be a true twenty-first century city; and

WHEREAS, many cities in this country and around the world have responded to this challenge by investigating, refining and adopting a Smart Cities initiative; and

WHEREAS, Smart Cities initiatives are based upon concepts of highly-integrated technology services and systems that are developed and deployed using a modernized electric grid to maximize the benefits of technology for the city's residents and businesses; and

WHEREAS, the cornerstone of a Smart Cities initiative is the modernization of the electric grid including, but not limited to, deployment of smart distribution sensors, advanced interactive control systems, the development of self-healing networks and their integration with other Smart Cities technologies; and

WHEREAS, as part of electric grid modernization, Smart Cities also incorporate advanced telecommunications and Wi-Fi technology, high speed data services, advanced mobile applications, interactive communications with utility providers, and advanced public safety technology; and

WHEREAS, the Council also desires to incorporate public safety technology, such as gunshot sensors, smart street lights, crime stat data bases, traffic and crowd management technology, etc., into the grid and its Smart Cities initiative; and

WHEREAS, the Council also has as an overriding goal that the fruits of the Smart Cities initiative will benefit the entire community, including lower income residents; and

WHEREAS, on February 8, 2018, the Council adopted Resolution No. R-18-36 establishing Docket No. UD-18-01 (“Smart Cities Docket”) to conduct the inquiry called for in that Resolution, and

WHEREAS, pursuant to the Resolution, ENO was directed to prepare and submit “a report detailing available grid modernization technologies together with a description of how such modernization could be implemented by ENO;”² and

WHEREAS, ENO submitted its report within the time period set forth in Resolution R-18-36; and

WHEREAS, the Resolution also directed the Council Utility Advisors “to prepare a report detailing other aspects of technology integration that could be achieved consistent with the Smart

² Resolution No. R-18-36 at 4.

Cities initiative ... [which] shall also examine and report on strategies to assure that the fruits of the initiative will benefit the entire community, including lower income residents;”³ and

WHEREAS, the Council believes that the goal of a Smart City is to modernize its digital, physical and social infrastructure, and integrate all essential services for the benefit of its citizens by harnessing advanced sustainable technology on an equitable basis; and

WHEREAS, the Council desires to work toward that end through its Smart Cities Docket; and

WHEREAS, the Council seeks to develop a “roadmap” for achieving the stated Smart City goals; and

WHEREAS, the Resolution further directed the Advisors to establish an appropriate procedural schedule to pursue the Smart Cities’ goals; and

WHEREAS, on April 5, 2018, the Utility, Cable, Telecommunications and Technology Committee enacted Resolution No. R-18-100 relative to matters associated with electric vehicles and electric vehicle charging facilities; and

WHEREAS, Resolution No. R-18-100 established Docket No. UD-18-02 regarding electric vehicles, electric vehicle charging facilities and related regulatory issues; and

WHEREAS, the Advisors’ Report called for in Resolution No. R-18-100 was filed with the Council on July 5, 2018; and

WHEREAS, matters related to electric vehicles and electric vehicle charging facilities are more directly related to the work of the Smart and Sustainable City Committee (“SSCC”), Docket No. UD-18-02 (Electric Vehicles) and should be merged with Docket No. UD-18-01 (Smart Cities) for further consideration before the Smart and Sustainable City Committee; now therefore,

³ *Id.*

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NEW ORLEANS THAT:

1. The Utility Advisors are directed to propose within sixty (60) days of the date of adoption of this Resolution a “roadmap” for achieving electric grid modernization and the stated goals of the Smart City initiative together with a draft “Smart Audit” (“Audit”) procedure that would be integrated into the Smart Cities initiative as an initial stage to help determine the path for the initiative to be a means to maximize and enhance the economic welfare of the City. The Audit should draw upon the comprehensive aspirational model described by Dr. Carl Pechman in his paper entitled “The Smart City Audit as a Building Block for Developing Smart Cities,” which is attached hereto as Attachment A.
2. The Advisors are directed to adapt and modify the Pechman model to better achieve the stated goals of the Council and its Smart Cities initiative and to tailor the Audit scope and process to the resources available to the Council.
3. The Advisors are further directed to include in their proposed Audit thoughtful and practical mechanisms for coordinating and integrating into electric grid modernization the input and cooperation of other utilities, franchisees, and entities that can be participants in the Smart Cities process, including recommending procedures for dealing with important issues related to confidentiality of data and information, privacy and the ownership and protection of proprietary and other confidential information.
4. The proposed Audit shall also provide for maximum stakeholder involvement and the integration of technical information and data from ENO.

5. The Audit shall also provide for a more extensive baseline initial audit with a procedure to update the baseline on a triennial basis to ultimately synchronize the audit process with the triennial Integrated Resource Planning cycle.
6. A comment period for Intervenors is hereby established that will run for sixty (60) days from the date of the filing of the Advisors' Audit proposal, during which time Intervenors may submit comments on the ENO grid modernization report, relative to the Smart Cities initiative, the Audit proposal, and/or on other aspects of technology integration into the grid that would be consistent with the Smart Cities initiative, including, but not limited to, strategies to assure that the fruits of the initiative will benefit the entire community, including lower income residents.
7. Within sixty (60) days of the close of the Intervenor comment period, a public comment process shall be established to receive broad public comment, at two separate public meetings, on the ENO grid modernization report, relative to the Smart Cities initiative, the Audit proposal, Intervenor comments and other related matters.
8. Within ninety (90) days of the completion of the public comment period, the Council's Advisors are directed to provide a report to the Council generally summarizing comments submitted by the Intervenors and the public and to provide a full analysis of all relevant data and information, including the ENO grid modernization report, relative to the Smart Cities initiative, and the Audit proposal together with recommendations for proceeding with the initiative.

9. Docket No. UD-18-02 regarding electric vehicles, electric vehicle charging facilities and related regulatory matters is merged with Docket No. UD-18-01 for further proceedings before the SSCC for consideration and action pursuant to Resolution No. R-18-00.

THE FOREGOING RESOLUTION WAS READ IN FULL, THE ROLL WAS CALLED ON THE ADOPTION THEREOF AND RESULTED AS FOLLOWS:

YEAS: Banks, Brossett, Giarrusso, Gisleson Palmer, Moreno, Nguyen, Williams - 7

NAYS: 0

ABSENT: 0

AND THE RESOLUTION WAS ADOPTED.

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THE FOREGOING IS CERTIFIED
TO BE A TRUE AND CORRECT COPY
Lera W. Johnson
CLERK OF COUNCIL