

ENTERGY NEW ORLEANS, INC.
CITY OF NEW ORLEANS
Docket No. UD-17-03

Response of: Entergy New Orleans, Inc.
to the First Set of Data Requests
of Requesting Party: Advisors to the Council
of the City of New Orleans

Question No.: Advisors 1-10

Part No.:

Addendum:

Question:

Please provide the 8760 hourly load shapes in native electronic format with all formulas and data sources in tact (i.e. Excel) that were used for inputting DSM into the 2012 and 2015 IRP model, at the most granular level available by sector (residential and commercial, building type, and end use (lighting, HVAC, etc.)).

- a. For the 2012 and 2015 IRP's, please provide a detailed explanation of how the 8760 hourly load shapes were constructed for inputting DSM into the IRP model.
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Response:

See the Company's HSPM response to ADV 1-3.

- a. For the 2012 IRP, see the "ProgramMatrix" tab of the HSPM attachment titled "2012 ENO IRP_DSM Optimization_HSPM Data Supplement.xlsx" provided in the Company's response to ADV 1-3. 22 programs from ICF International were bundled into 18 flights with varying program and incentive level combinations. See the HSPM attachment titled "ENOI_DSM_Assumptions_HSPM.xlsx" provided in ENO's response to ADV 1-3 for flight load shapes. For the 2015 IRP, ENO selected the incentive level for each program with the highest total resource cost ratio and used the corresponding load shape provided by ICF. See the table below for the incentive level chosen for each program. Note that after consulting with Stakeholders and at the request of the Council Advisors, ENO reassessed the three demand response programs in the 2015 ENO IRP and received updated load shapes and corresponding capacity savings for each demand response program from ICF. These updated load shapes are contained in the HSPM attachment provided in the Company's response to ADV 1-3 titled "ENO Demand Response Program Hourly DSM Profiles (14-August-2015)_HSPM.xlsxm."

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Program	Incentive Level
DSM1 - Commercial Prescriptive & Custom	Low
DSM2 - Small Business Solutions	High
DSM3 - Non-Residential Dynamic Pricing	Ref
DSM4 - RetroCommissioning	High
DSM5 - Commercial New Construction	Ref
DSM6 - Data Center	Ref
DSM7 - Machine Drive	Low
DSM8 - Process Heating	Low
DSM9 - Process Cooling and Refrigeration	Low
DSM10 - Facility HVAC	Low
DSM11 - Facility Lighting	Low
DSM12 - Other Process/Non-Process Use	Low
DSM13 - Residential Lighting & Appliances	Ref
DSM14 - Residential Home Audit & Retrofit	High
DSM15 - ENERGY STAR Air Conditioning	Ref
DSM16 - Home Energy Use Benchmarking	Ref
DSM17 - Low-Income Weatherization	Low
DSM18 - Efficient New Homes	Low
DSM19 - Multifamily	Ref
DSM20 - Water Heating	Ref
DSM21 - Pool Pump	Ref
DSM22 - Direct Load Control	Low
DSM23 - Dynamic Pricing	High
DSM24 - Solar Hot Water	Low