



R. Wade Litchfield
Vice President & General Counsel
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
(561) 691-7101

March 12, 2021

VIA ELECTRONIC FILING

Adam Teitzman, Commission Clerk
Division of the Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Docket No. 20210015-EI
Petition by FPL for Base Rate Increase and Rate Unification

Dear Mr. Teitzman:

Attached for filing on behalf of Florida Power & Light Company ("FPL") in the above-referenced docket are FPL's Minimum Filing Requirements and Supplemental Information in MFR Format, together with the required schedules. FPL's MFRs have been prepared in compliance with Rule 25-6.043, F.A.C. and Order No. PSC-2020-0312-PAA-EI issued September 15, 2020 in Docket No. 20200182-EI (In re: Joint petition for declaratory statement regarding application of MFR requirements in Rule 25-6.043(1), F.A.C., or in the alternative, petition for variance, by Florida Power & Light Company and Gulf Power Company).

Please contact me if you have any questions regarding this submission.

(Document 29 of 69) MFRs, 2022 Test Year, Volume 8 of 8, Section F, Part 2 of 2, Miscellaneous

Sincerely,

A handwritten signature in black ink, appearing to read 'Wade Litchfield', written in a cursive style.

R. Wade Litchfield
Vice President & General Counsel
Florida Power & Light Company

RWL:ec

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET NO. 20210015-EI
FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES**

**MINIMUM FILING REQUIREMENTS
2022 TEST YEAR**

**VOLUME 8 OF 8
SECTION F: MISCELLANEOUS SCHEDULES
PART 2 OF 2**

F (2 of 2)

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION: Provide a copy of the "Business Contracts with Officers, Directors and Affiliates" schedule included in the company's most recently filed Annual Report as required by Rule 25-6.135, Florida Administrative Code. Provide any subsequent changes affecting the test year.

Type of Data Shown:
 Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Kathleen Slattery

Line No.	(1) Name of Officer or Director	(2) Name and Address of Affiliated Entity	(3) Relationship With Affiliated Entity	(4) Amount of Contract or Transaction	(5) Description of Product or Service
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2					SEE ATTACHMENTS 1 AND 2 FOR THE MOST RECENTLY FILED BUSINESS CONTRACTS WITH OFFICERS, DIRECTORS AND AFFILIATES SCHEDULES FOR FPL AND GULF.
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Supporting Schedules:

Recap Schedules:

Business Contracts with Officers, Directors and Affiliates

**Florida Power & Light Company
 For the Year Ended December 31, 2019**

List all contracts, agreements, or other business arrangements* entered into during the calendar year (other than compensation-related to position with respondent) between the respondent and each officer and director listed in Part 1 of the Executive Summary. In addition, provide the same information with respect to professional services for each firm, partnership, or organization with which the officer or director is affiliated.

Note: * Business agreement, for this schedule, shall mean any oral or written business deal which binds the concerned parties for products or services during the reporting year or future years.

Name of Officer or Director	Name and Address of Affiliated Entity	Amount	Identification of Product or Service
No such contracts, agreements or other business arrangements to report.			
Note: The above listing excludes contributions, payments to educational institutions, hospitals and industry associations and other dues. See pages 454 through 463 for disclosure of diversification activity.			

Business Contracts with Officers, Directors and Affiliates

Gulf Power Company

For the Year Ended December 31, 2019

List all contracts, agreements, or other business arrangements* entered into during the calendar year (other than compensation-related to position with respondent) between the respondent and each officer and director listed in Part 1 of the Executive Summary. In addition, provide the same information with respect to professional services for each firm, partnership, or organization with which the officer or director is affiliated.

Note: * Business agreement, for this schedule, shall mean any oral or written business deal which binds the concerned parties for products or services during the reporting year or future years.

Name of Officer or Director	Name and Address of Affiliated Entity	Amount	Identification of Product or Service
No such contracts, agreements or other business arrangements to report.			
<p>Note: The above listing excludes contributions, payments to educational institutions, hospitals and industry associations and other dues. See pages 454 through 463 for disclosure of diversification activity.</p>			

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION: Supply a copy of all NRC safety citations issued against the company within the last two years, a listing of corrective actions and a listing of any outstanding deficiencies. For each citation provide the dollar amount of any fines or penalties assessed against the company and account(s) each are recorded.

Type of Data Shown:
___ Projected Test Year Ended ___/___/___
___ Prior Year Ended ___/___/___
 Historical Test Year Ended 12/31/20

DOCKET NO.: 20210015-EI

Witness: Robert Coffey

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NOTE: FPL AND GULF WERE NOT CONSOLIDATED IN THE YEAR(S) REPORTED IN THIS MFR. PLEASE SEE PRE-CONSOLIDATION FPL AND PRE-CONSOLIDATION GULF PAGES FOR THE YEAR(S) REQUESTED.

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (PRE-CONSOLIDATION FPL)

EXPLANATION: Supply a copy of all NRC safety citations issued against the company within the last two years, a listing of corrective actions and a listing of any outstanding deficiencies. For each citation provide the dollar amount of any fines or penalties assessed against the company and account(s) each are recorded.

Type of Data Shown:
 _____ Projected Test Year Ended ____/____/____
 _____ Prior Year Ended ____/____/____
 X Historical Test Year Ended 12/31/20

DOCKET NO.: 20210015-EI

Witness: Robert Coffey

Line No.

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NRC violations that have occurred for St. Lucie and Turkey Point in 2019 and 2020

A NRC Notice of Violation (NOV) is a formal written citation in accordance with the Code of Federal Regulations that sets forth one or more violations of a legally binding regulatory requirement. The NOV states the alleged violation and may require a licensee to submit a written explanation or statement in reply if the NRC believes that the licensee has not already addressed all the issues contained in the NOV. FPL does not necessarily concur with all of the NRC's findings in the NOV discussed in this MFR. As described below, FPL has implemented corrective actions in connection with the NOV discussed in this MFR. Further, there are no outstanding deficiencies associated with the NOV described below.

In 2019 - 2020, FPL received the following Notice of Violations (NOV) relating to the St. Lucie Nuclear Plant and Turkey Point Nuclear Plant

Severity Level II Traditional Enforcement Violation with a civil penalty of \$232,000: Charged to FERC Account 426

On September 12, 2019, the NRC issued a Notice of Violation (NOV) for a Florida Power and Light (FPL) violation of 10 CFR 50.7(a). Specifically, the NRC concluded that a former FPL Regional Vice President – Operations deliberately discriminated against a contingent worker for engaging in a protected activity in March 2017.

Attachment 1 is the NOV.

Corrective Actions:

The core corrective action for this issue was to improve FPL leadership guidance regarding oversight of contingent workers raising nuclear safety concerns. Corrective actions to prevent recurrence included the development and implementation of fleet-wide Nuclear Contingent Worker Training. This training was initially provided to Nuclear Division site leadership that oversees Contractor work involving radiological or nuclear safety related equipment or nuclear security.

Later the training population was expanded to include all fleet Nuclear Division leadership and contract administrators. The training focused on certain legal considerations, including Employee Protection Law and performance management of contingent workers. Separately, the NRC prohibited the former Regional Vice President – Operations from involvement in NRC-licensed activities for a period of five years.

Other significant corrective actions included:

- Fleet-wide communications to reinforce the existing Safety Conscious Work Environment (SCWE) policy and the freedom of all personnel to raise safety concerns without fear of retaliation.
- Training for senior Nuclear Division Management on nuclear safety culture, SCWE, and Employee Protection Law to reinforce the need for a healthy nuclear safety culture.
- Training for supervisors, managers, alliance partner leadership, and contractor administrators focusing on use of the detection, prevention, correction method for proactive resolution of nuclear safety concerns, and the role of leadership in ensuring a healthy nuclear safety culture/SCWE.
- Training for Employee Concerns Program coordinators to improve issue identification, conduct of investigations, and report documentation.
- A Personnel Action Review Board (PARB) process has been implemented, and PARB meetings conducted, to provide review of certain employment actions involving contingent workers that are brought to FPL's attention. The PARB process as outlined in LI-AA-102-1003 is being implemented.
- A nuclear safety culture/SCWE topic is included as a standing agenda item at each fleet Management Review Meeting (the NextEra/FPL senior nuclear management team attends). These actions have reinforced nuclear safety culture/SCWE as an overriding priority within the NextEra/FPL nuclear organization.
- A nuclear safety culture update is provided as a standing agenda item at each meeting of the Nuclear Committee of the NextEra Energy Inc. Board of Directors.

Supporting Schedules:

Recap Schedules:



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

September 12, 2019

EA-18-066
EA-19-045

Mr. Mano Nazar, President
and Chief Nuclear Officer
Nuclear Division
Florida Power & Light Company
Mail Stop: EX/JB
700 Universe Blvd.
Juno Beach, FL 33408

**SUBJECT: ST. LUCIE PLANT – NOTICE OF VIOLATION AND PROPOSED
IMPOSITION OF CIVIL PENALTY - \$232,000 (NRC INVESTIGATION
REPORT NUMBERS 2-2017-024 AND 2-2019-009)**

Dear Mr. Nazar:

This letter refers to two investigations conducted by the U.S. Nuclear Regulatory Commission (NRC) Office of Investigations (OI) related to Florida Power and Light's (FPL) St. Lucie Nuclear Plant. The purposes of the investigations were to determine whether a contract employee at St. Lucie Nuclear Plant was the subject of employment discrimination in violation of Title 10 of the *Code of Federal Regulations* (10 CFR) 50.7, "Employee protection" (OI Report No. 2-2017-024); and to determine whether a FPL senior licensee executive, or potentially others, deliberately provided the NRC with incomplete and inaccurate information in violation of 10 CFR 50.9, "Completeness and accuracy of information" (OI Report No. 2-2019-009).

For OI investigation 2-2017-024 (dated May 21, 2018), NRC determined that the FPL Regional Vice President (VP) – Operations, deliberately caused a contract employee's assignment to be cancelled the week of March 13, 2017. The cancellation occurred, in part, because the contract employee entered a concern into St. Lucie's corrective action program on March 13, 2017. In summary, a Framatome (formerly known as Areva) part-time employee asserted that his work re-assignment was cancelled in March 2017, after submitting a condition report at FPL's St. Lucie nuclear plant. The contract employee, as the lead supervisor for Framatome's refueling team at St. Lucie, had been pre-scheduled by Framatome and FPL to transfer to Turkey Point nuclear plant for the same role. On March 13, 2017, the contract employee submitted a condition report that documented concerns with the St. Lucie's requirement for Framatome personnel to wear multiple dosimeters while performing refueling work. On March 16, 2017, the contract employee's re-assignment to Turkey Point was cancelled.

The NRC determined that the contract employee's work assignment was cancelled, at least in part, for raising a nuclear safety concern via the submission of a condition report. The cancellation of the contract employee's work assignment is a violation of 10 CFR 50.7.

M. Nazar

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Additionally, the NRC determined that the deliberate actions of the former FPL Regional VP - Operations caused FPL to be in violation of 10 CFR 50.7. Our determinations were based on information developed during the investigation and information that you provided during the predecisional enforcement conference (PEC) process.

Ol's investigation documented that FPL's Regional VP - Operations sent an e-mail to the Framatome VP of Outage Services on March 14, 2017. The body of the FPL VP's e-mail included the text of the condition report that was submitted by the contract employee on March 13, 2017, and a related question regarding the condition report. The evidence documented that both VPs acknowledged the sending, and the receipt, of the March 14th e-mail. Additionally, the evidence indicated that the FP&L Regional VP initiated a subsequent phone discussion on March 14th with the Framatome VP of Outage Services which included discussing the contract employee's reassignment to Turkey Point. Ol's evidence documented that on March 14th the Framatome VP (Outage Services), contacted the Framatome Manager, PWR/Reactor Services and directed him to inform the contract employee that his re-assignment was cancelled. On March 16th, the Framatome Manager (PWR/Reactor Services), informed the employee that his re-assignment to Turkey Point was cancelled. The temporal proximity of the concerned individual's (CI) submission of the condition report and the initiation of the adverse action by an FPL executive and the subsequent implementation of the adverse action within a few days by Framatome management was deemed a discriminatory act. The NRC determined that neither FPL or Framatome presented sufficient evidence to support their assertions that the adverse employment action was justified for business reasons.

During the PECs, FPL and Framatome denied that a violation of 10 CFR 50.7 occurred. Generally, FPL and Framatome asserted that (1) the protected activity was not a contributing factor to any adverse personnel action and that the NRC's only basis was "temporal proximity," (2) that Framatome's reassignment of the contractor was justified by legitimate safety (business) reasons; (3) and that the contractor did not suffer an adverse personnel action, but instead was reassigned. The NRC's determination that a violation occurred was based on factors such as: the CI's subordinates, coworkers, and superiors, both at Framatome and FPL, almost universally spoke very highly of him; neither FPL or Framatome produced sufficient evidence to indicate that the performance of the CI, or the performance of his reactor services team, was a significant concern during the refueling outage; and, the staff noted that the former FPL Regional VP – Operation's testimony differed significantly from the testimony of other witnesses and included inconsistencies that undercut his credibility and specifically discredited his assertions that the CI's removal from the Turkey Point outage was unrelated to his protected activities. The NRC determined that FPL's and Framatome's assertion that the contractor's reassignment was justified by legitimate safety (business) reasons was not reasonable because of evidence which indicated that the 2017 spring refueling outage was the shortest outage for St. Lucie in many years and that the reactor services portion of the outage, managed by the contract employee, incurred only minimal scheduling delays. Lastly, the NRC determined that the contractor did suffer an adverse action when he was removed from the Turkey Point outage. When the contractor was directed not to go to Turkey Point, it was not clear if Framatome would provide an alternative work assignment. The individual is a part-time Framatome employee and is only paid when he works. A reasonable person would view the cancellation of the workers pre-scheduled transfer as a materially adverse action and one that could potentially chill others who raise nuclear safety concerns.

The NRC considers violations of 10 CFR 50.7 significant because of the potential that individuals might not raise safety issues for fear of retaliation. Based on the deliberate action

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and the level of manager involved in the adverse action, this violation has been categorized in accordance with the "NRC Enforcement Policy," at Severity Level II. See NRC Enforcement Policy, Violation Example 6.10.b.1.

In accordance with the NRC Enforcement Policy, a base civil penalty in the amount of \$232,000 is considered for the Severity Level II violation of 10 CFR 50.7, "Employee Protection." The NRC considered both the Identification and Corrective Action factors with respect to this willful violation in accordance with the civil penalty assessment process in Section 2.3.4 of the NRC Enforcement Policy. Credit for Identification is not appropriate, since the violation was identified by the NRC via the Agency's allegation program. The NRC determined *Corrective Action* credit was warranted due to corrective actions initiated by FPL. Completed corrective actions include an Employee Concerns Program (ECP) investigation, safety conscious work environment (SCWE) surveys in St. Lucie and Turkey Point radiation protection departments, and training of senior nuclear managers. Planned corrective actions include items such as a fleet-wide communication that reinforces the SCWE policy, ECP personnel training, ECP third-party audits, and the creation of a personnel action review board process to review certain employment actions involving contractor personnel brought to FPL's attention. Therefore, to emphasize the importance of prompt identification and correction of violations, the NRC has determined, as provided for in Section 2.3.4 of the NRC Enforcement Policy, to issue the enclosed Notice of Violation (Notice) and Proposed Imposition of Civil Penalty of \$232,000, which is the base civil penalty amount for the Severity Level II violation.

If you disagree with this enforcement sanction, you may deny the violation, as described in the enclosed Notice, or you may request alternative dispute resolution (ADR) with the NRC in an attempt to resolve this issue. ADR is a general term encompassing various techniques for resolving conflicts using a neutral third party. The technique that the NRC has decided to employ is mediation. Mediation is a voluntary, informal process in which a trained neutral (the "mediator") works with parties to help them reach resolution. If the parties agree to use ADR, they select a mutually agreeable neutral mediator who has no stake in the outcome and no power to make decisions. Mediation gives parties an opportunity to discuss issues, clear up misunderstandings, be creative, find areas of agreement, and reach a final resolution of the issues. Additional information concerning the NRC's ADR program can be found at <http://www.nrc.gov/about-nrc/regulatory/enforcement/adr.html>.

The Institute on Conflict Resolution (ICR) at Cornell University has agreed to facilitate the NRC's program as a neutral third party. If you are interested in pursuing this issue through the ADR program, please contact: (1) the ICR at (877) 733-9415; and (2) David Jones at (301) 287-9525 within 10 days of the date of this letter. You may also contact both ICR and Mr. Jones for additional information. If you decide to participate in ADR, your submitted signed agreement to mediate using the NRC ADR program will stay the 30-day time period for payment of the civil penalty until the ADR process is completed.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. If you have additional information that you believe the NRC should consider, you may provide it in your response to the Notice. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

M. Nazar

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC Public Document Room and from ADAMS, accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. The NRC will also make available, within ADAMS, the letter describing the apparent violation, dated October 19, 2018, and the NRC presentation from the PEC held on February 4, 2019. To the extent possible, your response, if provided, should not include any personal privacy or proprietary information so that it can be made available to the public without redaction. The NRC also includes significant enforcement actions on its Web site at <http://www.nrc.gov/reading-rm/doc-collections/enforcement/actions/>.

Concerning OI Report No. 2-2019-009 (dated April 23, 2019), the NRC determined that a former FPL Corporate Support Vice President, whose previous position was FPL Regional VP-Operations (discussed above), deliberately provided incomplete and inaccurate information to FPL that was subsequently submitted by FPL to the NRC. Had the inaccurate information not been detected it would have adversely impacted NRC's deliberations for OI investigation 2-2017-024. In a letter dated December 10, 2018, Agencywide Documents Access and Management System (ADAMS) Accession No. ML18346A182, FPL submitted to the NRC a photocopied journal that had been maintained by the then FPL Regional Vice President (VP) - Operations. The letter stated that the journal contained material that was highly relevant to the facts in OI investigation 2-2017-024. Subsequently, in a letter dated January 17, 2019 (ADAMS No. ML#19024A085), FPL stated that they had developed cause to question the authenticity of the outage journal. The evidence developed during OI's investigation (2-2019-009) revealed that the FPL Regional VP - Operations deliberately submitted a journal to FPL which contained incomplete and inaccurate information. Had the inaccurate information not been detected it would have adversely impacted NRC's deliberations for the St. Lucie discrimination case (OI investigation 2-2017-024).

Section 2.3.11, "Inaccurate and Incomplete Information," of the Enforcement Policy, states that *"Generally, if the matter was promptly identified and corrected by the licensee or applicant before the NRC relies on the information, or before the NRC raises a question about the information, no enforcement action will be taken for the initial inaccurate or incomplete information."* Therefore, the NRC determined that pursuant to Section 2.3.11 of the Enforcement Policy, no further action should be taken with respect to FPL for OI Report 2-2019-009) because FPL (1) proactively identified the concern and promptly informed the NRC, (2) withdrew the journal prior to it adversely impacting the NRC's enforcement proceedings for the discrimination case (OI Report 2-2017-024), (3) conducted a detailed investigation which included the hiring of a forensics analyst, and (4) took appropriate personnel actions. For NRC enforcement actions involving the FPL VP, see (ADAMS No. ML19234A334).

M. Nazar

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If you have any questions concerning either of these matters, please contact David Jones of my staff at (301) 287-9525.

Sincerely,

/RA/

George A. Wilson, Director
Office of Enforcement

Docket No. 50-335 and 50-389
License No. DPR-67 and NPF-16

Enclosures:

1. Notice of Violation and Proposed Imposition of Civil Penalty
2. NUREG/BR-0254 Payment Methods
3. NUREG/BR-0317 Rev. 2, Enforcement Alternative Dispute Resolution Program

M. Nazar

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SUBJECT: ST. LUCIE PLANT – NOTICE OF VIOLATION AND PROPOSED
IMPOSITION OF CIVIL PENALTY - \$232,000 (NRC INVESTIGATION
REPORT NUMBERS 2-2017-024 AND 2-2019-009)
DATE: September 12, 2019

DISTRIBUTION: WITHOUT ENCLOSURES

P. Moulding, OGC

S. Kirkwood, OGC

M. Kowal, RII

S. Sparks, RII

B. Hughes, NRR

D. Aird, NRR

D. Willis, OE

OE R/F

Publicly Available

ADAMS Accession No.: ML19234A332

OFFICE	OE/EB	OE/CRB	OGC	OE/D
NAME	DJones	DSolorio	SKirkwood	GWilson
DATE	8/30/19	9/9/19	8/22/19	9/12/19

OFFICIAL RECORD COPY

NOTICE OF VIOLATION
AND
PROPOSED IMPOSITION OF CIVIL PENALTY

St. Lucie Plant
Juno Beach, FL

Docket No. 050-335/389
License No. DPR-67/NPF-16
EA-18-066

During an NRC investigation completed on May 21, 2018, a violation of an NRC requirement was identified. In accordance with the NRC Enforcement Policy, the NRC proposes to impose a civil penalty pursuant to Section 234 of the Atomic Energy Act of 1954, as amended (Act), 42 U.S.C. 2282, and 10 CFR 2.205. The particular violation and associated civil penalty is set forth below:

A. 10 CFR 50.7(a), states, in part, that "Discrimination by a Commission licensee, an applicant for a Commission license, or a contractor or subcontractor of a Commission licensee or applicant against an employee for engaging in certain protected activities is prohibited. Discrimination includes discharge and other actions that relate to compensation, terms, conditions, or privileges of employment." The protected activities are established in section 211 of the Energy Reorganization Act of 1974, as amended, and in general are related to the administration or enforcement of a requirement imposed under the Atomic Energy Act or the Energy Reorganization Act.

10 CFR 50.7(a)(1)(i), states, in part, that the protected activities include but are not limited to providing the Commission or his or her employer information about alleged violations of either of the statutes named in paragraph (a) introductory text of this section or possible violations of requirements imposed under either of those statutes.

A Florida Power and Light Regional Vice President - Operations deliberately discriminated against a Framatome (formerly known as Areva) contract employee for engaging in a protected activity in March of 2017. Specifically, a contract employee who raised safety concerns during the St. Lucie refueling outage had a work assignment to Turkey Point Nuclear Plant cancelled shortly after submitting a condition report. The actions of FPL management were, in part, based on the contractor's engagement in a protected activity.

This is a Severity Level II violation (Enforcement Policy Sections 2.2.1.d, 6.10).
Civil Penalty - \$232,000.

Pursuant to the provisions of 10 CFR 2.201, Florida Power & Light is hereby required to submit a written statement or explanation to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, with a copy to the Document Control Desk, Washington, DC 20555-0001, within 30 days of the date of this Notice of Violation and Proposed Imposition of Civil Penalty. This reply should be clearly marked as a "Reply to a Notice of Violation (EA-18-066)" and should include for the violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation or severity level; (2) the corrective steps that have been taken and the results achieved; (3) the corrective steps that will be taken to avoid further violations; (4) your plan and schedule for completing short and long term corrective actions and (5) the date when full compliance will be achieved.

Enclosure 1

Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, the NRC may issue an order or a Demand for Information requiring you to explain why your license should not be modified, suspended, or revoked or why the NRC should not take other action as may be proper. Consideration may be given to extending the response time for good cause shown.

Florida Power & Light may pay the civil penalty in accordance with NUREG/BR-0254 and by submitting to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, a statement indicating when and by what method payment was made, or may protest imposition of the civil penalty in whole or in part, by a written answer within 30 days of the date of this Notice addressed to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission. Should the Licensee fail to answer within 30 days of the date of this Notice, the NRC will issue an order imposing the civil penalty. Should the Licensee elect to file an answer in accordance with 10 CFR 2.205 protesting the civil penalty, in whole or in part, such answer should be clearly marked as an "Answer to a Notice of Violation (EA-18-066)" and may: (1) deny the violation listed in this Notice, in whole or in part; (2) demonstrate extenuating circumstances; (3) show error in this Notice; or (4) show other reasons why the penalty should not be imposed. In addition to protesting the civil penalty in whole or in part, such answer may request remission or mitigation of the penalty.

In requesting mitigation of the proposed penalty, the response should address the factors addressed in Section 2.3.4 of the Enforcement Policy. Any written answer addressing these factors pursuant to 10 CFR 2.205 should be set forth separately from the statement or explanation provided pursuant to 10 CFR 2.201, but may incorporate parts of the 10 CFR 2.201 reply by specific reference (e.g., citing page and paragraph numbers) to avoid repetition. The attention of the Licensee is directed to the other provisions of 10 CFR 2.205 regarding the procedure for imposing (a) civil penalty.

Upon failure to pay any civil penalty which subsequently has been determined in accordance with the applicable provisions of 10 CFR 2.205 to be due, this matter may be referred to the Attorney General, and the penalty, unless compromised, remitted, or mitigated, may be collected by civil action pursuant to Section 234c of the Act, 42 U.S.C. 2282c.

The responses noted above, i.e., Reply to Notice of Violation, Statement as to payment of civil penalty(ies), and Answer to a Notice of Violation, should be addressed to: Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, One White Flint North, 11555 Rockville, MD 20852-2738, with a copy to the Regional Administrator, U.S., Nuclear Regulatory Commission, Region II, 245 Peachtree Center Ave. N.E., Suite 1200, Atlanta, GA 30303, and the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice."

Your response will be made available electronically for public inspection in the NRC Public Document Room or in the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy or proprietary information. If personal privacy or proprietary information is necessary to provide an acceptable

response, then please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request that such material is withheld from public disclosure, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information). If safeguards information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days of receipt.

Dated this 12th day of September, 2019

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (PRE-CONSOLIDATION GULF)

EXPLANATION: Supply a copy of all NRC safety citations issued against the company within the last two years, a listing of corrective actions and a listing of any outstanding deficiencies. For each citation provide the dollar amount of any fines or penalties assessed against the company and account(s) each are recorded.

Type of Data Shown:
 Projected Test Year Ended ___/___/___
 Prior Year Ended ___/___/___
 Historical Test Year Ended 12/31/20

Witness: Robert Coffey

DOCKET NO.: 20210015-EI

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Gulf Power does not own any nuclear units.

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

Type of Data Shown:

COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

Projected Test Year Ended 12/31/22
 Prior Year Ended / /
 Historical Test Year Ended / /

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Tara B. DuBose
Tiffany C. Cohen, Liz Fuentes, Jun K. Park

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5	III. GENERATION POWER SUPPLY AND FUEL EXPENSE	3
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21	1	Flowchart: Forecasting process overview
22	2	Document: Load forecasting methodology
23	3	Flowchart: Customer and Usage to Net Energy for Load
24	4	Flowchart: Monthly Peaks
25	5	Document: Planning and budgeting process guideline
26	6	Document: Planning and budgeting process calendar
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Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

Type of Data Shown:

COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

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Tiffany C. Cohen, Liz Fuentes, Jun K. Park

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I. OVERVIEW OF THE FORECASTING PROCESS

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FPL has used the same forecasting process here as it used in the 2016 rate case (Docket No. 20160021-EI). However, FPL has used that process to prepare three separate budgets for this case: FPL as a standalone ratemaking entity; Gulf as a standalone ratemaking entity; and FPL with unified rates for customers located in the former FPL and former Gulf service areas, which results in synergies that are reflected in only the combined O&M budget. Because the forecasting process is the same for all three sets of budgets, the process will be described in this schedule for FPL Consolidated, and that description will be referenced in the schedules that apply to FPL and Gulf as standalone ratemaking entities.

FPL's forecasting process starts with the generation of projected data for each of the major categories of inputs in order to determine the projected financial results:

- Forecast of Sales, NEL and Peak Demand — developed by the Finance Department using econometric models
- Forecast of Generation Power Supply and Fuel Expense - developed by the Energy Marketing and Trading department (EMT) using the GenTrader forecasting mode
- Forecast of Base Revenues — developed by the Rates and Tariffs Department
- Forecast of O&M Expense — developed by each Business Unit
- Forecast of Capital Expenditures — developed by each Business Unit

These forecasts, along with various other inputs including other base revenues, various working capital items, taxes other than income taxes, and financing plans, etc., are inputs to FPL's Common Data Repository (CDR). Once all inputs are loaded into the CDR, it performs calculations of items such as depreciation expense and Allowance for Funds Used During Construction (AFUDC), which is then input to the Financial & Regulatory Information System (FRI). The inputs from CDR and FRI, along with manual inputs such as the amortization of unprotected non-plant excess deferred taxes, are used to calculate ITC generated, tax payments and total income tax expense. Additional calculations are performed in FRI model that produce a total company balance sheet and income statement at FERC account level and leads to the development of the forecasted regulatory results (i.e., total company per book net operating income ("NOI"), rate base, and capital structure). The financial plan developed within FRI is used by FPL's management for decision making and performance assessment.

MFR F-5 Attachment 1 shows the flow of information among the various models and modules that comprise FPL's forecasting process

In developing data for 2021, 2022 and 2023, actual data for the period ended September 30, 2020 was used as the starting point
Projected data for the last three months of 2020 and for all of 2021, 2022, and 2023 were then developed

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

Type of Data Shown:

COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

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II. SALES, NEL AND PEAK DEMAND

The Load Forecasting section within Finance uses econometric models to project customers, energy sales, and net energy for load and peaks. Forecasts for 202 through 2023 are developed on a monthly basis for customers, net energy for load (NEL), sales and peaks. Customers and sales are developed by revenue class. In compliance with the filing request pertaining to this MFR, a detailed description of the forecasting methodology for these items will be provided under separate cover. See, MFR F-5 Attachments 2, 3, and 4

III. GENERATION POWER SUPPLY AND FUEL EXPENSE

The Integrated Resource Planning section within Finance develops the resource plan to meet FPL's resource needs. The EMT Department enters load data, fuel prices, plant operating parameters plant outage schedules, qualifying facilities and interchange projections into the GenTrader model. This model then generates an electric production cost forecast that includes Megawatt Hours (MWH) produced, wholesale sales and purchases and fuel expense

IV. BASE REVENUES

Retail Base and Wholesale Base Revenue forecasts are developed by the Rates and Tariffs Department for each revenue class. For the years 2021 through 2023, retail base revenues are forecasted based on a projection of billing determinants by rate code within their respective revenue class. The methodology for developing projected billing determinants is described in MFR E-1. Projected billing determinants by rate code are then applied against approved or known tariff charges to obtain a forecast of base revenues by rate code. The rate codes are summarized into rate classes and then summarized further into revenue classes. Additionally, wholesale base revenues are forecasted by applying projected billing determinants to wholesale base rates by rate class and/or contract.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

Type of Data Shown:

Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Tara B. DuBose
 Tiffany C. Cohen, Liz Fuentes, Jun K. Park

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V. O&M EXPENSE FORECAST

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The Operation and Maintenance (O&M) forecasts were developed using the same basic process employed by the company since the early 1990s. This included developing O&M budget for FPL as a standalone ratemaking entity and Gulf as a standalone ratemaking entity. During the planning process conducted during 2020, one additional step was incorporated which was to identify and budget any O&M synergies that would arise as a result of the consolidation and unification of rates. The identified synergies are included in the unified rate proposal and consolidated MFR's submitted in this docket.

At the beginning of the annual planning process, the FPL Corporate Budgets department issues the following materials to the FPL business units (see MFR F-5 attachments 5 and 6):
 § annual planning process guideline
 § calendar for management review meetings and submittal of deliverables

The planning process requires each operating business unit to provide a year-end estimate for its current year standalone FPL and standalone Gulf budget (2020 in this instance), and identify its required funding levels for the next three years (2021, 2022 and 2023). The units must also identify the drivers of any expected variance from the current year's plan, as well as any increase or decrease in the level of funding required for each of the forecasted years.

During the scheduled management meetings, the Budget Review Committee reviewed the overall O&M budget as well as the individual business unit presentations, which includes the FPL President, the FPL Vice President of Finance, the Chief Financial Officer, and the Chief Accounting Officer. During the meeting, each business unit head provided explanations for any questions from the Budget Review Committee to support the necessity of his or her unit's funding requirements. Explanations include such drivers as customer service, system reliability, customer growth, improved productivity and regulatory requirements. The Budget Review Committee provides final approval of the proposed funding requirements for FPL.

The approved 2020 year end O&M expense estimate, the approved 2021 O&M expense budget, and the approved O&M expense forecasts for 2022 and 2023 were used to prepare the Minimum Filing Requirements.

VI. CAPITAL EXPENDITURES FORECAST

The annual capital forecasting process is the same as the O&M expense forecasting process. The processes are performed concurrently. See the previous section (V. O&M Expense Forecast) for a discussion of the forecast development methodology and the review and approval process. The capital forecast is prepared for five years to provide an overview of the investments that will be required during the period (2021-2025) to assist in developing long-term financing plans.

The approved 2020 year end capital estimate, the approved 2021 capital budget, and the approved capital forecasts for 2022 and 2023 were used to prepare the Minimum Filing Requirements.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

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COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Tara B. DuBose
Tiffany C. Cohen, Liz Fuentes, Jun K. Park

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VII. FINANCIAL & REGULATORY INFORMATION SYSTEM

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A. SYSTEM OVERVIEW

In developing data for the 2022 test year, actual data for the period ended September 30, 2020 was used as a base for the forecast. Projected data for the last three months of 2021 and for all of 2022 and 2023 was then developed.

UI Planner is a utility financial forecast and regulatory model developed by Utilities International Inc. (UI) that is widely used in the industry. FPL's installation of UI, known as FRI, has been used for more than 20 years. The model was updated in 2014 and then again in 2020 to allow for the consolidated forecasting of FPL and Gulf. FRI produces balance sheet and income statement detail at the level necessary for the development of jurisdictional separation factors and the Cost of Service Study. A key element of the FRI model is a common data repository (CDR) where data inputs and calculated outputs are housed for use in the financial forecasting. The CDR provides data to the FRI model for use in regulatory ratemaking and Minimum Filings Requirements (MFR) development processes.

The FRI model provides data validation and control routines to ensure consistency of data between the financial forecasting and regulatory analysis processes within FRI. Additionally the system produces exception reports and financial data output validations to verify the accuracy and consistency of MFRs

The balance sheet and income statement detail from FRI is used to develop forecasted regulatory results (i.e., total company per book net operating income (NOI), rate base, and capital structure) in the same manner as it does for historical regulatory amounts included in the Earnings Surveillance Report (ESR). These regulatory results are used in developing jurisdictional separation factors, which are then transferred back to FRI, so FPSC jurisdictional adjusted NOI, rate base and capital structure can be calculated within the forecasting module.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

Type of Data Shown:

COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Tara B. DuBose
Tiffany C. Cohen, Liz Fuentes, Jun K. Park

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- 1 **B. INTEGRATED MODULES**
- 2 **1. Revenue and Clause Module**
- 3 **• Historical Information**
- 4 On a monthly basis, historical information on electric and other revenues is updated into the revenue module via an interface from the SAP ledger.
- 5 Clause over/under balances and recovery factors are updated in the clause module via the CDR
- 6 Some non-ledger items that are not captured in the interfaces are manually input into the model
- 7 **• Forecasted Information**
- 8 The model forecasts electric revenues for each revenue class. Base revenues, system sales and base rates are fed from the UI revenue model via the CDR
- 9 Wholesale Base Revenue Forecasts are provided by the Rates and Tariffs Department and input into the revenue module
- 10
- 11 The revenue and clause modules use the data to calculate:
- 12 • MWH sales, electric production and fuel expense for use in calculations of base revenues and clause revenues:
- 13 • Revenues by revenue class.
- 14 • Billed and unbilled revenues.
- 15 • Over/under recovery balances and deferred revenues/expenses for all cost recovery clauses
- 16
- 17
- 18 **2. SAP Actuals Module**
- 19 On a monthly basis, the FERC ledger is loaded into the SAP Actuals module in the CDR via an interface from the SAP system.
- 20 The ledger data is then sent to the forecasting model.
- 21
- 22 **3. O&M Module**
- 23 O&M forecast data is obtained from Corporate Budgets and is interfaced to UI CDR from the SAP system. This data is then output to FRI
- 24 for preparation of forecasted financial statements.
- 25
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Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION:

If a projected test year is used, provide a brief description of each method or model used in the forecasting process. Provide a flow chart which shows the position of each model in the forecasting process.

Type of Data Shown:

COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Tara B. DuBose
Tiffany C. Cohen, Liz Fuentes, Jun K. Park

Line No.

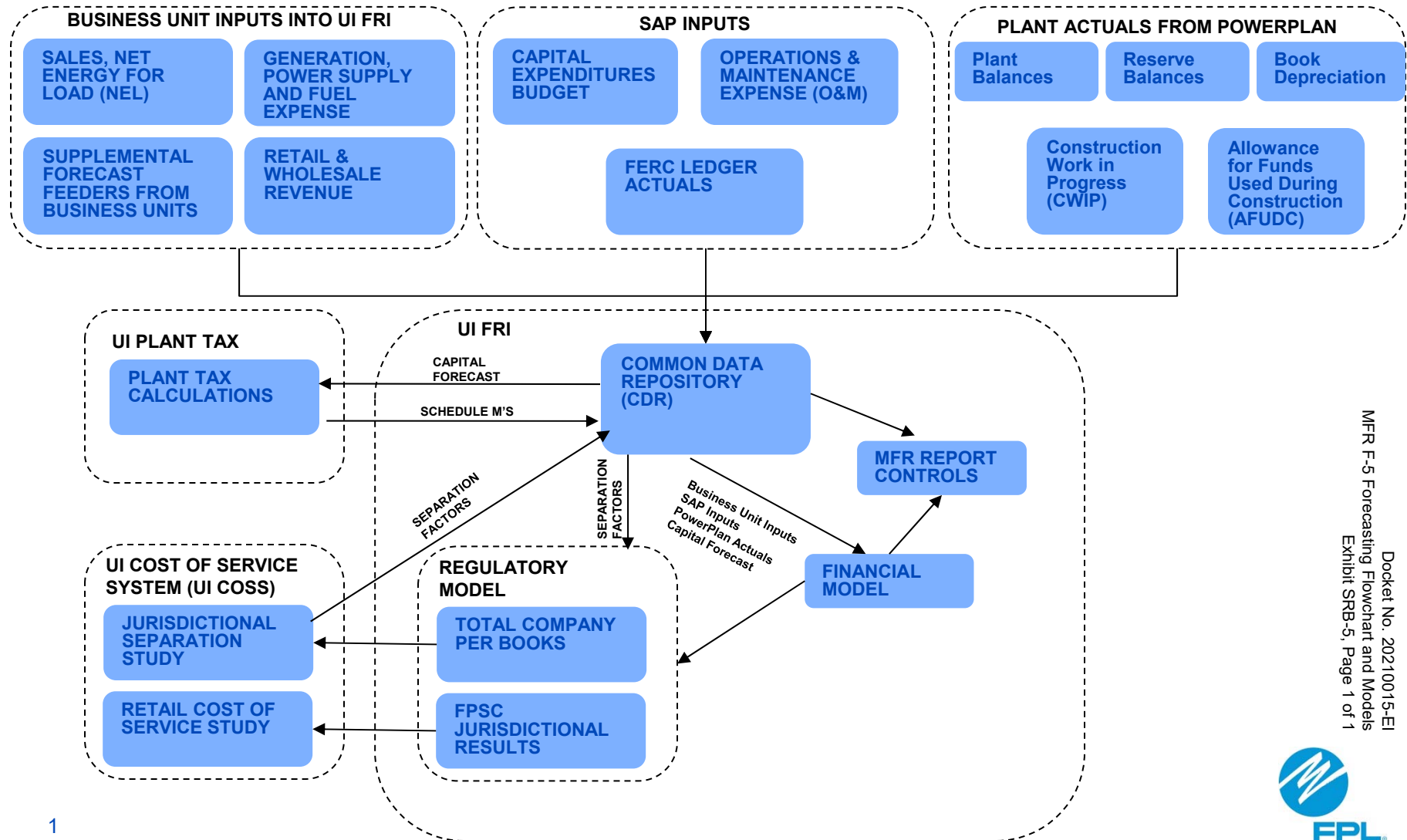
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- 1 **4. Capital Module**
- 2
- 3 **• Historical Information (Actuals)**
- 4 On a monthly basis, historical data for property, plant and equipment is updated in the capital module via an interface from PowerPlan. The Construction Work in Process (CWIP) is
- 5 also updated on a monthly basis via an interface with PowerPlan
- 6
- 7 **• Forecasted Information**
- 8 Capital expenditures forecast data is obtained from Corporate Budgets and is interfaced from SAP into the capital module in the UI CDR
- 9 Forecasted retirements and adjustments are manually input into the capital module
- 10
- 11 The capital module uses the input data to calculate plant activity, book depreciation, tax depreciation and tax gains and losses. The CDR inputs and capital module calculated activit
- 12 is then used to calculate the amortization of plant related excess deferred taxes. Non-plant related excess deferred taxes are calculated manually and input into FRI. CDR data is also
- 13 used to determine the capital cost basis eligible for ITC. Calculation of ITC generation and utilization is performed in FRI
- 14
- 15
- 16 **5. Finance Module -- Long-term Financing**
- 17 The Finance Module forecasts long-term financing activity for all outstanding debt and new debt instruments added to the model. Existing debt issues are interfaced from SAP.
- 18 Forecasted debt issues are manually input into UI FRI
- 19
- 20 The module generates details of each issue's transactions for all items that apply to the income statement, cash flow statement, and balance sheet (issuances, retirements,
- 21 premium, discounts, interest, amortization, etc.).
- 22
- 23 **6. User Input Module - Other**
- 24 The FRI model also allows the input of forecast assumptions and actual values for items that are budgeted and calculated outside of the system that are not captured by the
- 25 modules listed above. These include items such as taxes other than income taxes, miscellaneous above and below-the-line income and expense items
- 26 various working capital items and financing plans.
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Supporting Schedules:

Recap Schedules:

FLORIDA POWER & LIGHT COMPANY FORECASTING PROCESS OVERVIEW



Docket No. 20210015-EI
 MFR F-5 Forecasting Flowchart and Models
 Exhibit SRB-5, Page 1 of 1



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Consolidated Load Forecasting Methodology

The Load Forecasting section of the Financial Planning and Analysis department developed monthly forecasts of customers, energy sales, and peak demands through 2023. The forecasts were developed by combining the forecasts for Standalone FPL and Standalone Gulf.

The Consolidated FPL customer forecast was developed by combining the Standalone FPL and Standalone Gulf customer forecasts. The Standalone FPL customer forecast was developed using a "bottom-up" approach, where the total customer forecast is the sum of the individual revenue class forecasts. The revenue class forecasts were developed using a combination of econometric models and inputs from Company subject matter experts. The Standalone Gulf customer forecast was developed using a "bottom-up" approach, where the total customer forecast is the sum of the individual revenue class forecasts. The revenue class forecasts were developed using a combination of econometric models and inputs from Company subject matter experts.

The Consolidated FPL energy sales forecast was developed by combining the Standalone FPL and Standalone Gulf energy sales forecasts. The Standalone FPL energy sales forecast was developed using a "bottom-up" approach, where the Net Energy for Load ("NEL") forecast is the sum of the individual retail revenue class forecasts as well as wholesale sales and losses. The individual revenue class forecasts were developed using econometric models, adjusted for factors not otherwise captured in by the models, such as incremental DSM impacts. Wholesale sales were developed using a combination of contract terms, econometric modeling, and forecasts provided by the counterparty. The losses forecast was developed using historical loss factors. The Standalone Gulf energy sales forecast was developed using a "bottom-up" approach, where the Net Energy for Load ("NEL") forecast is the sum of the individual retail revenue class forecasts as well as wholesale sales and losses. The individual revenue class forecasts were developed using econometric models, adjusted for factors not otherwise captured in by the models, such as incremental DSM impacts. Wholesale sales were developed using an econometric model. The losses forecast was developed using historical loss factors.

The Consolidated FPL peak demand forecast was developed by first combining the hourly load forecasts for Standalone FPL and Standalone Gulf to arrive at the Consolidated FPL hourly load forecast. The Consolidated FPL peak demand forecast is the highest hourly demand. The Standalone FPL peak demand forecast was developed using econometric models to forecast summer and winter peak demands. The peak demands for all other months were developed using the summer peak demand forecast and ratios of monthly peaks to the summer peak. The monthly peak demand forecasts were adjusted for factors not otherwise captured by the models, such as incremental DSM. The Standalone Gulf peak demand forecast was developed using econometric models to forecast summer and winter peak demands. The peak demands for all other months were developed using the summer peak demand forecast and ratios of monthly peaks to the summer peak. The monthly peak demand forecasts were adjusted for factors not otherwise captured by the models, such as incremental DSM.

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FPL Residential Usage

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>
25.72	4.54	0.00%
0.17	0.01	0.00%
0.07	0.00	0.00%
0.10	0.01	0.00%
0.10	0.03	0.12%
(0.57)	0.26	3.36%
(1.67)	0.53	0.18%
1.09	0.54	4.44%
1.90	0.53	0.05%
(0.42)	0.14	0.34%
0.66	0.06	0.00%

Variable Description

Constant
Bill day heating degree hours at or below 56 degrees
Bill day cooling degree hours between 72 and 80 degrees
Bill day cooling degree hours at or above 80 degrees
Florida real income per household
Retail price increase 12-month moving average
Indicator variable for Hurricane Irma
Indicator variable for April 2020
Indicator variable for Hurricane Wilma
Residential impact of codes and standards
First-order autoregressive term

Adjusted R-Squared
Durbin-Watson
Mean Abs. % Err. (MAPE)

0.991
1.913
1.36%

Model Type: Regression
Dependent Variable: Use Per Customer Per Bill Day

FPL Small/Medium Commercial Usage

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>
123.21	6.66	0.00%
0.14	0.00	0.00%
(0.34)	0.04	0.00%
(8.79)	1.92	0.00%
(17.87)	1.92	0.00%
(16.70)	2.22	0.00%
(21.38)	2.52	0.00%
(10.19)	2.60	0.01%
(6.60)	2.64	1.32%
0.00	0.00	0.00%
(0.88)	0.24	0.03%
0.51	0.06	0.00%

Variable Description

Constant
Bill day cooling degree hours at or above 66 degrees
Commercial impact of codes and standards
Indicator variable for Hurricane Irma
Indicator variable for November 2005
Indicator variable for April 2020
Indicator variable for May 2020
Indicator variable for June 2020
Indicator variable for July 2020
Florida total nonfarm employment
Retail price increase 12-month moving average
First-order autoregressive term

Adjusted R-Squared
Durbin-Watson
Mean Abs. % Err. (MAPE)

0.983
1.781
0.95%

Model Type: Regression
Dependent Variable: Use Per Customer Per Bill Day

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<u>FPL Large Commercial Usage</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	8,011.44	390.09	0.00%	Constant
weather.bdcdh66	6.87	0.22	0.00%	Bill day cooling degree hours at or above 66 degrees
economic.EE_FL	0.39	0.05	0.00%	Florida total nonfarm employment
dummy_variables.FEB	206.66	75.28	0.67%	Indicator variable for month of February
dummy_variables.MAR	199.78	72.45	0.64%	Indicator variable for month of March
dummy_variables.OCT	236.48	68.80	0.07%	Indicator variable for month of October
dummy_variables.NOV	272.74	66.62	0.01%	Indicator variable for month of November
ComLRGUPCBModel.COVID	(752.72)	171.39	0.00%	Indicator variable for March-May 2020
retail_price.REAL_PRICE_12MA_PINC	(50.94)	22.00	2.17%	Retail price increase 12-month moving average
AR(1)	0.21	0.08	0.68%	First-order autoregressive term
Adjusted R-Squared	0.920			Model Type: Regression
Durbin-Watson	1.938			Dependent Variable: Use Per Customer Per Bill Day
Mean Abs. % Err. (MAPE)	1.49%			
<u>FPL Small Industrial Usage</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	15.52	0.35	0.00%	Constant
dummy_variables.IRMA	(1.46)	0.67	3.04%	Indicator variable for Hurricane Irma
weather.bdcdh72	0.03	0.00	0.00%	Bill day cooling degree hours at or above 72 degrees
AR(1)	0.80	0.04	0.00%	First-order autoregressive term
Adjusted R-Squared	0.922			Model Type: Regression
Durbin-Watson	2.098			Dependent Variable: Use Per Customer Per Bill Day
Mean Abs. % Err. (MAPE)	3.40%			
<u>FPL Medium Industrial Usage</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	0.65	0.20	0.44%	Weighted average of current and past observations
Seasonal	6.81	3.71	7.99%	Seasonal factor
Adjusted R-Squared	0.753			Model Type: Exponential Smoothing
Durbin-Watson	2.244			Dependent Variable: Use Per Customer Per Bill Day
Mean Abs. % Err. (MAPE)	1.67%			

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<u>FPL Large Industrial Usage</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	0.14	0.04	0.04%	Weighted average of current and past observations
Seasonal	0.07	0.04	11.76%	Seasonal factor
Adjusted R-Squared	0.566			Model Type: Exponential Smoothing
Durbin-Watson	2.043			Dependent Variable: Use Per Customer
Mean Abs. % Err. (MAPE)	4.39%			
<u>FPL Other Sales</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	0.26	0.05	0.00%	Weighted average of current and past observations
Adjusted R-Squared	0.419			Model Type: Exponential Smoothing
Durbin-Watson	1.966			Dependent Variable: Other Sales
Mean Abs. % Err. (MAPE)	19.86%			
<u>FPL Railroads & Railways Sales</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	6,936.99	124.66	0.00%	Constant
dummy_variables.JAN	317.70	110.31	0.45%	Indicator variable for month of January
dummy_variables.FEB	(205.49)	125.80	10.42%	Indicator variable for month of February
dummy_variables.MAR	(237.70)	110.28	3.25%	Indicator variable for month of March
dummy_variables.JUN	294.42	114.76	1.12%	Indicator variable for month of Jun
dummy_variables.JUL	431.62	140.89	0.26%	Indicator variable for month of July
dummy_variables.AUG	405.45	150.05	0.76%	Indicator variable for month of August
dummy_variables.SEP	479.26	141.73	0.09%	Indicator variable for month of September
dummy_variables.OCT	255.43	114.99	2.76%	Indicator variable for month of October
AR(1)	0.72	0.05	0.00%	
Adjusted R-Squared	0.562			Model Type: Regression
Durbin-Watson	2.555			Dependent Variable: Metrorail Sales
Mean Abs. % Err. (MAPE)	4.56%			

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FPL Residential Customers

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>	
CONST	19,707.54	6,035.51	0.13%	Constant
transformation.households	14.22	4.31	0.11%	Florida households
dummy_variables.APR	(2,734.95)	675.99	0.01%	Indicator variable for month of April
dummy_variables.MAY	(6,215.64)	676.79	0.00%	Indicator variable for month of May
dummy_variables.JUN	(2,488.86)	754.47	0.11%	Indicator variable for month of Jun
dummy_variables.JUL	(2,479.53)	705.43	0.05%	Indicator variable for month of July
dummy_variables.AUG	(1,417.63)	696.44	4.30%	Indicator variable for month of August
dummy_variables.SEP	(4,752.84)	676.92	0.00%	Indicator variable for month of September
dummy_variables.OCT	(2,761.60)	720.91	0.02%	Indicator variable for month of October
dummy_variables.UKU	4,341.79	916.84	0.00%	Indicator variable for unknown usage ("UKU")
dummy_variables.RECESSION	(1,920.21)	683.35	0.54%	Indicator variable for December 2007-June 2009
dummy_variables.D2014	(1,972.51)	1,020.46	5.45%	Indicator variable for 2014
dummy_variables.D2015	(2,058.71)	971.80	3.52%	Indicator variable for 2015
dummy_variables.D2016	(2,205.78)	948.97	2.10%	Indicator variable for 2016
dummy_variables.D2017	(2,613.88)	942.47	0.60%	Indicator variable for 2017
RES_ACTModel.LagDep(1)	1.29	0.06	0.00%	Dependent variable lagged one period
RES_ACTModel.LagDep(2)	(0.32)	0.06	0.00%	Dependent variable lagged two periods
Adjusted R-Squared	1.000			Model Type: Regression
Durbin-Watson	1.998			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.05%			

FPL Small/Medium Commercial Customers

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>	
CONST	4,701.08	2,587.68	7.20%	Constant
transformation.res_hist_fcst	0.02	0.00	0.00%	Residential customers
COMSMEDModel.LagDep(1)	0.82	0.03	0.00%	Dependent variable lagged one period
COMSMEDModel.d2013m10	(1,602.38)	259.16	0.00%	Indicator variable for January 2013
COMSMEDModel.d2018m12	2,694.57	262.48	0.00%	Indicator variable for December 2012
COMSMEDModel.d2013m11	2,375.70	270.70	0.00%	Indicator variable for November 2013
COMSMEDModel.d2019m1	1,992.17	258.59	0.00%	Indicator variable for January 2019
COMSMEDModel.lagged_unemployment_rate	(104.65)	34.51	0.30%	Florida unemployment rate lagged six periods
COMSMEDModel.covid	(427.95)	146.25	0.42%	Indicator variable for March-July 2020
Adjusted R-Squared	1.000			Model Type: Regression
Durbin-Watson	1.888			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.04%			

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<u>FPL Large Commercial Customers</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	1.22	0.09	0.00%	Weighted average of current and past observations
Adjusted R-Squared	0.983			Model Type: Exponential Smoothing
Durbin-Watson	1.910			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.34%			
<u>FPL Small Industrial Customers</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	229.04	39.19	0.00%	Constant
IHS_economic.HUSTS_FL	1.96	0.31	0.00%	Florida housing starts
INDS_ACTModel.vero	(527.25)	117.86	0.00%	Indicator variable for City of Vero Beach acquisition
INDS_ACTModel.d201601	(351.45)	116.62	0.30%	Indicator variable for January 2016
INDS_ACTModel.LagDep(1)	1.33	0.06	0.00%	Dependent variable lagged one period
INDS_ACTModel.LagDep(2)	(0.37)	0.06	0.00%	Dependent variable lagged two periods
Adjusted R-Squared	0.998			Model Type: Regression
Durbin-Watson	1.963			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.82%			
<u>FPL Medium Industrial Customers</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	0.99	0.11	0.00%	Weighted average of current and past observations
Adjusted R-Squared	0.950			Model Type: Exponential Smoothing
Durbin-Watson	1.997			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.70%			
<u>FPL Large Industrial Customers</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	0.87	0.14	0.00%	Weighted average of current and past observations
Adjusted R-Squared	0.882			Model Type: Exponential Smoothing
Durbin-Watson	1.977			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.75%			

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FPL Other Customers

	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	1.20	0.12	0.00%	Weighted average of current and past observations
Adjusted R-Squared	0.938			Model Type: Exponential Smoothing
Durbin-Watson	1.419			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.18%			

FPL Railroads & Railways Customers

	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	1.00	0.04	0.00%	Weighted average of current and past observations
Adjusted R-Squared	0.998			Model Type: Exponential Smoothing
Durbin-Watson	2.000			Dependent Variable: Customers
Mean Abs. % Err. (MAPE)	0.27%			

FPL Winter Peak

	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	6.12	0.53	0.00%	Constant
Annual_Data.WIN_Peak_MinTemp	(0.07)	0.01	0.00%	Minimum temperature on peak day
Annual_Data.Winter_PriorAM_Squared	0.00	0.00	5.20%	Prior morning temperature squared
Annual_Data.Post_2011_Winter	(0.69)	0.12	0.00%	Indicator variable for years 2012 and later
TestEcon.Employment	0.00	0.00	0.26%	Florida nonfarm employment
Trans1.Year_2008	(0.65)	0.25	1.22%	Indicator variable for 2008
Trans1.Year_2020	(0.46)	0.25	7.72%	Indicator variable for 2020
Adjusted R-Squared	0.853			Model Type: Regression
Durbin-Watson	2.036			Dependent Variable: Peaks (MW)
Mean Abs. % Err. (MAPE)	4.08%			

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FPL Summer Peak

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>	
CONST	(3.41)	1.01	0.19%	Constant
Annual_Data.Mx_TmpDay	0.04	0.01	0.01%	Maximum temperature on peak day
Annual_Data.SumPKMIN_TmpDay	0.04	0.01	0.02%	Minimum temperature on peak day
Annual_Data.SumKW_savings_per_Cust_2018	(0.85)	0.11	0.00%	kW savings per customer, energy efficiency
Annual_Data.FI_Employ	0.00	0.00	0.00%	Florida nonfarm employment
Trans1.Year_2019	(0.17)	0.09	5.52%	Indicator function for 2019
AR(1)	0.32	0.15	4.15%	
Adjusted R-Squared	0.884			Model Type: Regression
Durbin-Watson	1.893			Dependent Variable: Peaks (MW)
Mean Abs. % Err. (MAPE)	1.38%			

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Gulf Residential Usage

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>	
CONST	28.76	2.25	0.00%	Constant
weather.Cycle_CDH_67_R1	0.07	0.01	0.00%	Bill day cooling degree hours at or above 67 degrees and less than 75 degrees
weather.Cycle_CDH_67_R2	0.08	0.00	0.00%	Bill day cooling degree hours at or above 75 degrees and less than 85 degrees
weather.Cycle_CDH_67_R3	0.07	0.00	0.00%	Bill day cooling degree hours at or above 85 degrees
weather.Cycle_HDH_59_R1	0.05	0.02	0.86%	Bill day heating degree hours at or below 59 degrees and greater than 50 degrees
weather.Cycle_HDH_59_R2	0.08	0.00	0.00%	Bill day heating degree hours at or below 50 degrees
retail_price.REAL_PRICE_12MA_PINC	(0.37)	0.16	1.85%	Retail price increase 12-month moving average
upc.resi_codes	(0.08)	0.03	0.59%	Residential impact of codes and standards
dummy_variables.Bin_Mo_05	(1.02)	0.26	0.01%	Indicator variable for month of April
dummy_variables.Bin_Mo_07	1.72	0.30	0.00%	Indicator variable for month of July
dummy_variables.Bin_Mo_08	1.60	0.29	0.00%	Indicator variable for month of August
dummy_variables.Bin_Mo_11	(0.65)	0.23	0.61%	Indicator variable for month of November
dummy_variables.Bin_Jun_Jul_Aug_2008	(1.62)	0.71	2.37%	Indicator variable for June-August 2008
dummy_variables.Bin_Isaac_2	(1.64)	0.73	2.65%	Indicator variable for Hurricane Isaac
dummy_variables.Ice_Storm_2014	2.21	0.77	0.47%	Indicator variable for January 2014
dummy_2020.d2020m5	(3.35)	0.79	0.00%	Indicator variable for May 2020
AR(1)	0.55	0.08	0.00%	First-order autoregressive term
Adjusted R-Squared	0.989			Model Type: Regression
Durbin-Watson	1.899			Dependent Variable: Use Per Customer Per Bill Day
Mean Abs. % Err. (MAPE)	1.72%			

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Gulf Small Commercial Usage

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>	
CONST	27.06	2.99	0.00%	Constant
weather.Cycle_CDH_67_C1	0.04	0.01	0.00%	Bill day cooling degree hours at or above 67 degrees and less than 75 degrees
weather.Cycle_CDH_67_C2	0.04	0.00	0.00%	Bill day cooling degree hours at or above 75 degrees
weather.Cycle_HDH_59_C1	0.04	0.00	0.00%	Bill day heating degree hours at or below 59 degrees
retail_price.REAL_PRICE_12MA	(0.71)	0.27	1.01%	Retail price 12-month moving average
upc.com_codes	(0.00)	0.00	2.27%	Commercial impact of codes and standards
dummy_variables.Bin_Mo_01	(1.04)	0.18	0.00%	Indicator variable for month of January
dummy_variables.Bin_Mo_10	0.61	0.15	0.01%	Indicator variable for month of October
dummy_variables.Bin_Mo_12	(1.23)	0.17	0.00%	Indicator variable for month of December
dummy_variables.Bin_02_2007	(1.59)	0.57	0.59%	Indicator variable for February 2007
dummy_variables.Ice_Storm_2014	1.46	0.55	0.85%	Indicator variable for January 2014
dummy_variables.Bin_02_2018	1.51	0.54	0.54%	Indicator variable for February 2008
dummy_2020.d2020m4	(2.07)	0.68	0.27%	Indicator variable for April 2020
dummy_2020.d2020m5	(4.01)	0.85	0.00%	Indicator variable for May 2020
dummy_2020.d2020m6	1.75	0.93	6.15%	Indicator variable for June 2020
dummy_2020.d2020m7	2.10	1.00	3.85%	Indicator variable for July 2020
AR(1)	0.75	0.05	0.00%	First-order autoregressive term
Adjusted R-Squared	0.981			Model Type: Regression
Durbin-Watson	2.213			Dependent Variable: Use Per Customer Per Bill Day
Mean Abs. % Err. (MAPE)	1.92%			

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Gulf Large Commercial Usage

	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	587.26	25.85	0.00%	Constant
weather.Cycle_CDH_60_C1	0.29	0.04	0.00%	Bill day cooling degree hours at or above 60 degrees and less than 73 degrees
weather.Cycle_CDH_60_C2	0.43	0.01	0.00%	Bill day cooling degree hours at or above 73 degrees
weather.Cycle_HDH_50_C1	0.39	0.05	0.00%	Bill day heating degree hours at or below 50 degrees
retail_price.REAL_PRICE_12MA_PINC	(10.56)	2.10	0.00%	Retail price increase 12-month moving average
upc.com_codes	0.07	0.03	1.94%	Commercial codes and standards
dummy_variables.Bin_Mo_02	20.46	2.81	0.00%	Indicator variable for month of February
dummy_variables.Bin_Mo_03	9.94	3.19	0.21%	Indicator variable for month of March
dummy_variables.Bin_Mo_04	7.48	2.78	0.79%	Indicator variable for month of April
dummy_variables.Bin_Mo_11	6.38	2.27	0.54%	Indicator variable for month of November
dummy_variables.Bin_Ivan_0904	(96.84)	8.65	0.00%	Indicator for Hurricane Ivan
dummy_2020.d2020m2	(37.24)	10.55	0.05%	Indicator variable for February 2020
dummy_2020.d2020m3	(44.49)	12.56	0.05%	Indicator variable for March 2020
dummy_2020.d2020m4	(77.33)	13.52	0.00%	Indicator variable for April 2020
dummy_2020.d2020m5	(130.00)	13.58	0.00%	Indicator variable for May 2020
dummy_2020.d2020m6	(103.82)	13.69	0.00%	Indicator variable for June 2020
dummy_2020.d2020m7	50.84	14.18	0.04%	Indicator variable for July 2020
AR(1)	0.63	0.06	0.00%	First-order autoregressive term
Adjusted R-Squared	0.984			Model Type: Regression
Durbin-Watson	2.146			Dependent Variable: Use Per Customer Per Bill Day
Mean Abs. % Err. (MAPE)	1.32%			

Gulf Industrial Usage

	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
Simple	0.68	0.09	0.00%	Weighted average of current and past observations
Trend	(0.17)	0.06	0.73%	Trend factor
Seasonal	(0.06)	0.06	28.40%	Seasonal factor
Damp Factor	0.85	0.05	0.00%	Dampening factor
Adjusted R-Squared	0.812			Model Type: Regression
Durbin-Watson	2.005			Dependent Variable: Use Per Customer
Mean Abs. % Err. (MAPE)	4.58%			

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Gulf Residential Customers

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>
1,953.54	1,139.18	8.82%
34.53	7.39	0.00%
0.96	0.01	0.00%
(1,440.88)	185.84	0.00%
0.31	0.08	0.01%
0.31	0.08	0.01%

<u>Variable Description</u>
Constant
Number of households in NW FL
Dependent variable lagged one period
Indicator variable for Hurricane Michael
First-order moving average term
Seasonal first-order moving average term

Adjusted R-Squared
Durbin-Watson
Mean Abs. % Err. (MAPE)

0.999
1.869
0.07%

Model Type: Regression
Dependent Variable: Customers

Gulf Small Commercial Customers

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>
471.73	227.94	3.93%
0.02	0.01	4.48%
0.98	0.01	0.00%
0.34	0.05	0.00%

<u>Variable Description</u>
Constant
Florida retail sales
Dependent variable lagged one period
First-order moving average term

Adjusted R-Squared
Durbin-Watson
Mean Abs. % Err. (MAPE)

0.998
1.907
0.26%

Model Type: Regression
Dependent Variable: Customers

Gulf Large Commercial Customers

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>
1.65	0.16	0.00%
(0.03)	0.03	26.00%

<u>Variable Description</u>
Weighted average of current and past observations
Trend factor

Adjusted R-Squared
Durbin-Watson
Mean Abs. % Err. (MAPE)

0.963
1.890
0.15%

Model Type: Exponential Smoothing
Dependent Variable: Customers

Gulf Industrial Customers

<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>
1.01	0.05	0.00%

<u>Variable Description</u>
Weighted average of current and past observations

Adjusted R-Squared
Durbin-Watson
Mean Abs. % Err. (MAPE)

0.960
2.001
0.63%

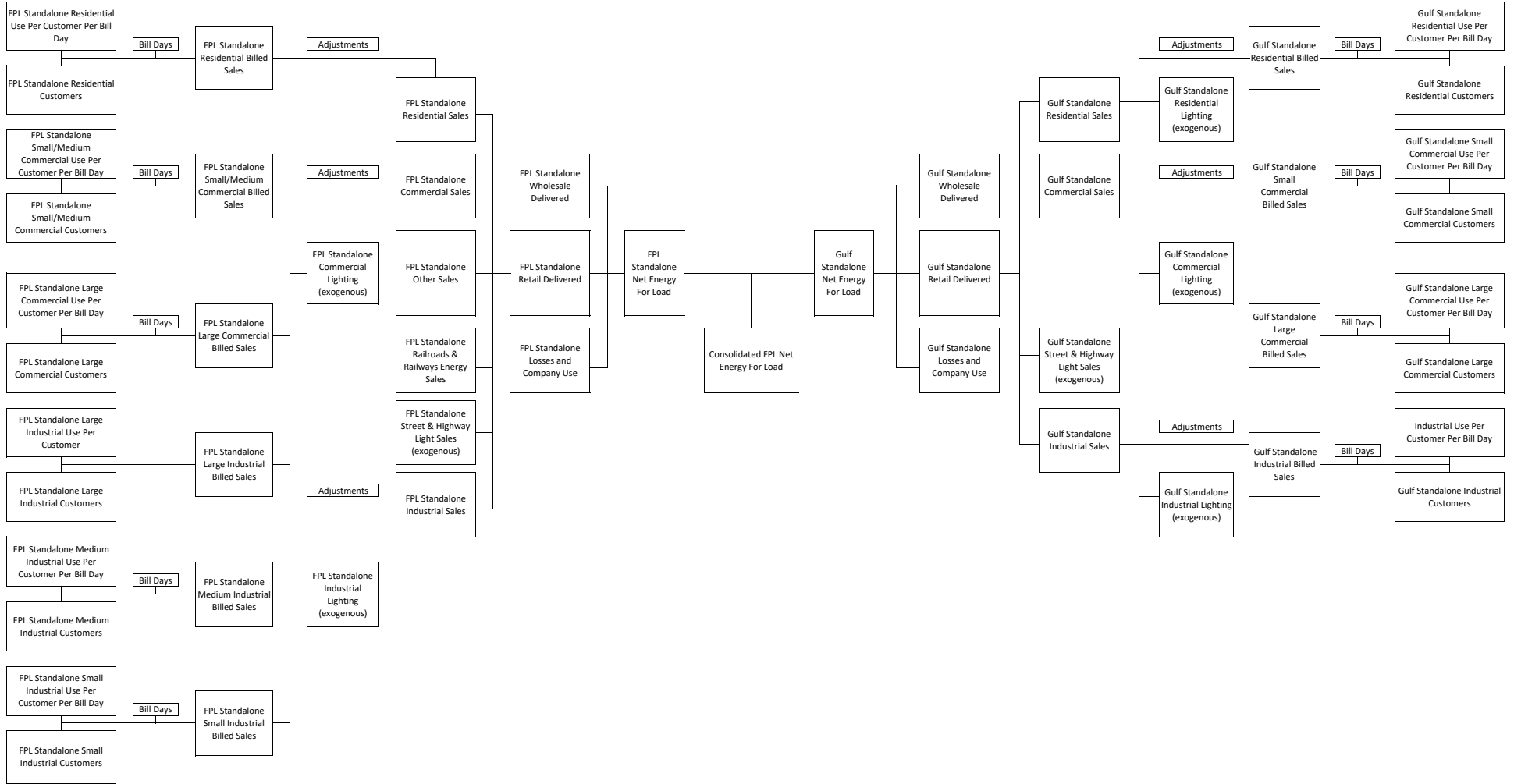
Model Type: Exponential Smoothing
Dependent Variable: Customers

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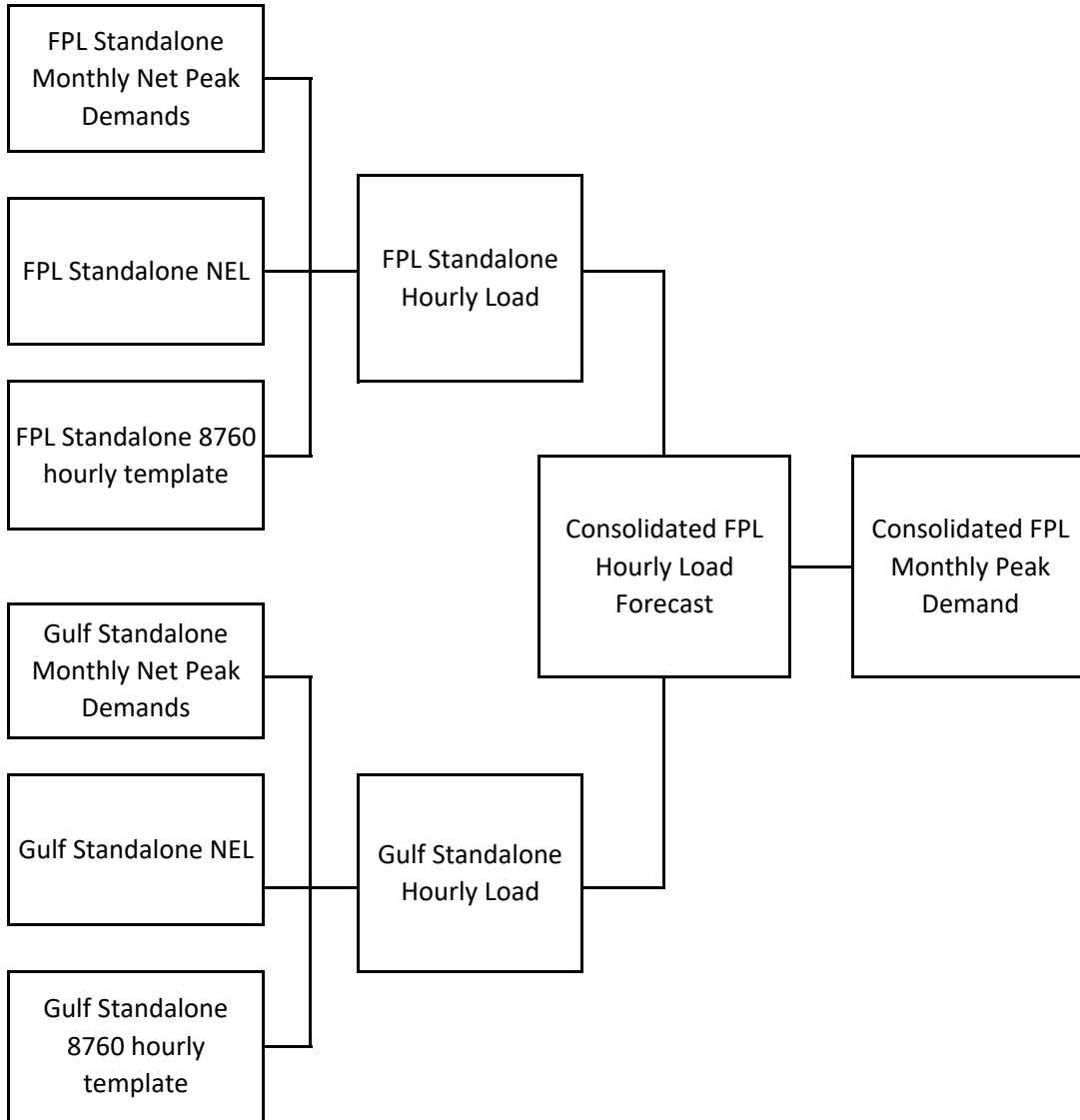
<u>Gulf Winter Peak</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	1,165.33	132.33	0.00%	Constant
Annual_Data_2021TYSP.WIN_Peak_MinTemp	(43.11)	3.83	0.00%	Minimum temperature on peak day
Annual_Data_2021TYSP.WP_Customers	0.01	0.00	0.00%	Number of customers
Annual_Data_2021TYSP.WinKW_savings_per_custo	(474.20)	248.94	7.20%	kW savings per customer, energy efficiency
Winter_Peak_Min_CandS_NonPPC.Year_2017	(209.92)	82.70	2.00%	Indicator variable for 2017
MA(1)	(0.88)	0.38	3.28%	First-order moving average
MA(2)	(1.46)	0.39	0.13%	Second-order moving average
Adjusted R-Squared	0.965			Model Type: Regression
Durbin-Watson	2.056			Dependent Variable: Peaks (MW)
Mean Abs. % Err. (MAPE)	1.52%			
<u>Gulf Summer Peak</u>	<u>Coefficient</u>	<u>Std Error</u>	<u>P-Value</u>	<u>Variable Description</u>
CONST	4.73	0.25	0.00%	Constant
Annual_Data_2021TYSP.Wgt_Per_Capita_inc_2020/	0.05	0.01	0.00%	Weighted per capita income
PkTest_TestCode	(1.20)	0.05	0.00%	Impact of codes and standards
Annual_Data_2021TYSP.CDHPkDay	0.00	0.00	0.10%	Peak day cooling degree hour
MA(1)	(1.60)	0.32	0.01%	First-order moving average
Adjusted R-Squared	0.955			Model Type: Regression
Durbin-Watson	1.578			Dependent Variable: Peaks (MW)
Mean Abs. % Err. (MAPE)	0.89%			

Consolidated Model Flow Chart: Customer and Usage to Net Energy For Load



Standalone FPL adjustments include: unbilled energy, DSM, Solar, EV, economic development tariffs
 Standalone Gulf adjustments include: unbilled energy, DSM, Solar, and EV

Consolidated FPL Model Flow Chart: Monthly Peaks



Standalone FPL net peak demands include adjustments for: DSM, Solar, EV, EDR, and wholesale
Standalone Gulf net peak demands include adjustments for: DSM, Solar, and EV

Florida Power & Light and Gulf Power

Annual Planning Process Guideline

Effective: June 2020
Version: 2021v1

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Guideline Overview

General

- This process applies to Florida Power & Light (includes Florida City Gas) and Gulf Power. The processes discussed in the guideline are managed using BPC budget versions.
- The 2021-2025 planning cycle focuses on the development of FPL and Gulf Power standalone plans for 2021-2025 and the development of a combined merger scenario for 2022-2025.
 - 2021-2025 O&M and Capital detailed plans will be developed for FPL (company 1500) and Gulf Power (company 1600). Budget schedules and walks are to be generated and included in the appendix of the Executive presentations.
 - Gulf Power will prepare a separate Executive presentation deck which will include O&M, Capital and Employee budget schedules and walks through 2021. The presentation appendix will include budget walks and schedules through 2025.
 - 2022-2025 combined plan will result from adding the Gulf Power plan into the FPL plan beginning in 2022. O&M, Capital and Employee schedules and walks will be generated for the content of the FPL Executive presentations.
 - 2019 Actuals – 2021 Plan (Standalone FPL)
 - 2022 Plan – 2025 Plan (Gulf Power added to FPL)
- There are a number of key areas where increased due diligence is required when developing the plans. Additional information is included throughout the guideline.
 - Development of O&M and Capital plans that are accurate, complete, consistent, relevant and timely
 - Proper assignment of FERC accounts to the plan
 - Staffing plans that directly align with gross payroll plans (including existing staff, attrition, additions, reductions). All business units should account for natural attrition based on historical experience or known changes in the business, and ensure that is built into the payroll forecast for all years presented.
 - Budget walks that are clear and concise in communicating year over year changes
 - Merger costs and savings properly planned in the appropriate budget version
 - Affiliate Direct charge and CSC plans do not exist in a combined scenario and are eliminated through Version WV3

BPC Budget Version Utilization

- Version **PCY (Plan Current Year)** is created at the conclusion of the annual planning cycle. PCY will include five years of forecasted O&M and Capital for the period 2021-2025. Once approved by senior management, version PCY remains unchanged throughout the year and is the basis for reporting versus the approved plan. Because PCY is recycled every year each newly approved PCY is copied and preserved as P##, where ## are the last two digits of the first year of the version (e.g. approved 2021 plan will be saved as P21).

- Version **WV1 (Working Version 1)** is used to forecast the remaining months of the current year (i.e. 2020).
- Version **WV2 (Working Version 2)** is used to develop the next five-year plan (i.e. PCY/P21). On or before Work Day 5 of each month requested, a snapshot of all WV2 years will be taken and designated version B##, where ## is a sequential number (e.g. B07 is created at June close).
- Version **WV3 (Working Version 3)** is used for planning FPL/Gulf Power synergy savings that will directly result from the merger of the two companies. WV3 is also being used for eliminating the impact of Affiliate Direct Charge and CSC plans that exist on the stand alone companies. This version will be used specifically for the 2021 Planning Cycle on years 2022-2026. On or before Work Day 5 of each month requested, a snapshot of all WV3 years will be taken and designated version J##, where ## is a sequential number aligned with the WV2 snapshot above (e.g. J07 is created at June close). A snapshot of B## plus J## will be taken and designated as N##. N## represents the result of combining Florida Power & Light and Gulf Power, including synergies (e.g. N07 is created at June close).
 - WV3 will be used for recording plans for synergies and elimination activities in O&M and Capital
- By 5pm of WD 4 each month, the business unit should ensure WV2 and WV3 represents a complete forecast of each year, to the extent practicable. Maintaining WV2 and WV3 in a state of completeness will support a reliable plan.
- When working through the planning cycle, there may be times when some elements of a business unit's budget may require more than a month to update as a result of some material change to the business (e.g. revised outage schedule, addition of new clause). In these instances, the business unit should take the necessary time to update the impacted portion of the forecast with focus on providing a forecast that is accurate and complete.

Planning for Merger Costs/Savings

- Merger related costs and savings that are not a direct result of the merger itself will be planned in WV2. The specific process steps are currently under development and will be distributed when final.
 - Merger costs will be planned by the affected business unit and will be isolated using Investment Manager (IM) position assigned at the WBS.
 - Merger costs impacting allocations to engineering overheads, stores loaders, affiliate direct charge and CSC will be planned at FPL Location 10 on a unique WBS element to isolate the activity from the Business Unit.
- Merger synergies that are a direct result of the merger will be planned in WV3.
 - Synergies are generally in the form of an identified savings and should be entered into WV3 as a credit resulting in a reduction to the combined plan.
- The business unit will make final determination if the costs/savings are a direct result of the merger or a cost incurred as a part of merging the companies.

- Affiliate Direct Charge and CSC plans would not exist as a result of the merger and will be eliminated in WV3 with guidance provided by FCOE FP&A.

Annual Planning Process Overview

General

- The annual planning process is managed through the use of an annual planning cycle calendar that is distributed at the beginning of the formal planning cycle in June.
- This section of the document contains instructions for preparing the executive budget presentation and general requirements for loading detail budget data into SAP BPC2 EPM.
- The Appendix to this document provides more detailed instructions for using SAP BPC2 EPM to load detail budgets, and can be a useful reference whenever using EPM.
- Throughout the Annual Planning Process (APP) all business unit presentation materials must be submitted through the FCOE FP&A e-Web page. The web site is designed to facilitate the entire APP and includes reference materials, data and presentation templates, references to BOBJ reports, and access to business unit folders.
- FCOE FP&A will rely upon the business unit level data in SAP BPC to roll up the total corporate funding requirements for each budget review meeting. It is required that all business unit presentations tie to the data in the system.
- To assist with the development of budgets and presentations, BOBJ reporting tools are available in the Corporate Portal. These reports are referenced throughout the guideline.

Budget Versions

- Enter and save forecast data in versions WV2 and WV3 throughout the APP
- Use the July MOPR year-end forecast (version R08/B08) for the first round of presentation submittals.
- Use the August MOPR year-end forecast (version R09/B09) for the subsequent rounds of presentation submittals.
- The table below provides a summary of the versions that will be used in the FPL SAP BPC system (Analysis and EPM) throughout the planning cycle.

Purpose	Version Code / Name		Time	Description
For input	WV2	Working Version 2	5 Years	Most recent budget / forecast data 2021-2025
	WV3	Working Version 3	4 Years	Most recent budget / forecast data 2022-2025
For review	R08	Aug-Dec Forecast	Current	July MOPR current year-end forecast

			Year	
	R09	Sep-Dec Forecast	Current Year	Aug MOPR current year-end forecast
	B##	Budget #	5 Years	Budget Snapshot of WV2 data
	J##	Synergy #	4 Years	Synergy Snapshot of WV3 data
	N##	Combine Companies #	5 Years	Combined Snapshot of WV2/WV3 data
	PCY	Plan Current Year	5 Years	Snapshot of WV2 final approved data
	P##	Combined Company Plan	5 Years	Snapshot of WV2/WV3 final approved data

Employee Headcount and Regular Payroll Planning

- Ensure that all business unit employees currently included on the HR organizational chart are accounted for in the “Headcount Planning” EPM workbook.
- Vacant positions that are not going to be filled in the plan should be removed from the HR organizational chart.
- Plans should clearly identify when headcount is planned to be added or removed and vacancies are planned to be filled. All business units should account for natural attrition based on historical experience or known changes in the business, and ensure that is built into the payroll forecast for all years presented.
- Update the business unit headcount plans to properly reflect when positions are needed to support business operations and project completion or when the headcount will no longer be needed.
- Use the “Topside Input” worksheet in the “Headcount Planning” EPM workbook to enter planned headcount increases or decreases when position master data does not currently exist in the HR organizational chart.
- It is critical that headcounts are accurately input to ensure proper alignment to the plans for gross payroll.

WBS element Level 3 to Level 4 Plan Distribution Templates

- Review and adjust O&M FERC Functionalization percentages as needed.
- Review and adjust CSC percentages (formerly AMF) as needed. Guidance to be provided by Accounting’s Cost Measurement and Allocation group.
- Review and adjust Capital Installation, Removal & Demolition percentages as needed.

Accelerate

- Present the differences for Accelerate savings in the Base O&M and the Employee presentation “walks”

FCOE FP&A e-Web page

- The website is structured to help both the business units and FCOE FP&A with the preparation of deliverables.
- The website contains the following items:
 - Guidelines
 - Planning Calendar
 - Templates for developing presentations
 - Links to business unit folders in SharePoint
 - Reference materials
- Link:
<http://e web.fpl.com/bunit/finance/FunctGroups/BgtFcst/budgetsubmissionportal.shtml>

SAP BPC EPM – Models and Workbooks

- SAP BPC EPM is accessible on the path Corporate Portal / Applications / BPC2 (EPM-GP1) / “Model Name”.
- A list of Models and Workbooks used to enter headcount, payroll, and non-payroll is available on page 22 of this guideline.

SAP BPC BOBJ – Budget Reports

- Budget reports specific to the APP are accessible on the path: **Corporate Portal / Applications / SAP Financial Planning & Reporting – New / FPL / “Report Name”**.
 - The budget reports that will help verify on-system data aligns with presentation material are identified throughout this guideline, beginning on page 22.
-

Executive Budget Presentation - General

- Each business unit is required to prepare a presentation deliverable for submittal to FCOE FP&A in advance of each scheduled review meeting.
 - Scheduled deliverable dates are identified in the 2021 Annual Planning Process Calendar.
- Presentation materials must be tied out to the on-system data at each submittal point during the Annual Planning Process.
- Use the budget reports in the Corporate Portal to verify the data loaded on-system is correct. The paths to the budget reports are available as follows.
 - Under Step 2 of the e-Web page: Prepare / Review Budget Submission using SAP BPC EPM & BOBJ.
- Once EPM has been updated and budgeted totals verified using BOBJ reports, transfer the results to the Excel templates. Then paste the templates into the business unit's Power Point presentation.
 - Blank Excel and PowerPoint templates are available on the e-Web page, Step 3: Prepare Budget Submission Documents in Microsoft Office.
- Submit the completed PowerPoint presentation to FCOE FP&A by depositing it in the business unit's folder on SharePoint.
 - Access to the business unit's folder on SharePoint is available via the e-Web page, Step 4: Submit Budget Deliverables in Business Unit SharePoint Folder
 - Link to e-Web page
<http://eweb.fpl.com/bunit/finance/FunctGroups/BgtFcst/budgetsubmissionportal.shtml>

Executive Budget Presentation - Development

The Budget Presentation must contain the following sections.

NOTE: BOBJ reports supporting the required schedules are located in the SAP Business Objects BI Platform using the following path.

- Stand Alone Reports located at **>Finance >FPL >Variance Analysis >Spend Reporting**
- Combined Company Reports located at **>Finance >FPL >Variance Analysis >Spend Reporting >Combined Reporting**

Executive Summary

- Business Unit's own design

Base O&M Schedules

- Prepare a schedule identifying your business unit's major projects and activities for the years indicated. **Select a level of detail appropriate for a thorough senior executive review.**
- **(new)** Separate O&M Base schedules will be required for a standalone company view and combined company view. The schedules from 2019 Actuals through 2025 Plan will reflect FPL and Gulf Power as standalone entities. The schedules from 2022 Plan through 2025 Plan will reflect FPL and Gulf Power as a combined entity.
 - 2021-2025 detailed plans will be developed for FPL (company 1500) and Gulf Power (company 1600). Budget schedules and walks are to be generated and included in the appendix of the Executive presentations.
 - Gulf Power will prepare a separate Executive presentation deck which will include budget schedules and walks through 2021. The presentation appendix will include budget walks and schedules through 2025.
 - 2022-2025 combined plan will result from adding the Gulf Power plan into the FPL plan beginning in 2022. Schedules and walks will be generated for the content of the FPL Executive presentations.
 - 2019 Actuals – 2021 Plan (Standalone FPL)
 - 2022 Plan – 2025 Plan (Gulf Power added to FPL)
- The following BOBJ reports are useful to stratify your Base O&M budget.
 - Stand Alone: Expense Forecast (9Yr -2/+7 PY-FC-FC)
 - Combined: Expense Forecast – FPL-Gulf (9Yr -2& +7 PY-FC-FC)

Base O&M
Business Unit: _____
 (\$Millions) or (\$Thousands)

Project / Activity	2019 Actual	2020 Forecast	2021 Funds Request	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast
Project 1							
Activity A							
Activity B							
Project 2							
Activity A							
Activity B							
Project 3							
Activity A							
Activity B							
Total Base O&M	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

- Prepare a year to year “walk” patterned after the following example for each of the following comparisons:
 - 2020 MOPR Year End Forecast to 2021 Funds Request
 - 2021 Funds Request to 2022 Forecast
 - 2022 Forecast to 2023 Forecast
 - 2023 Forecast to 2024 Forecast
 - 2024 Forecast to 2025 Forecast
- Include an explanation for each step-up and step-down in each of the categories shown on the table.
- The Inflation category should include merit increases and any other cost increases related to inflation. When applying inflation, do not inflate any cost that will be identified as a non-recurring cost in the Changes in the Business category.
- As you “walk” from year to year, be sure to add back all of the Accelerate savings in the prior year, in anticipation of removing a full year of Accelerate savings in each forecasted year. This will ensure the same savings are not deducted twice in the same year, and will allow the Full Year Accelerate Savings category in the “walk” to be reconciled with Accelerate source information, which is expressed in terms of annual savings, not incremental savings.
- The Changes in the Business category should include cost increases for new work, including increased levels of activity such as from customer growth, and also should include cost reductions for non-recurring events. Do not include Accelerate cost changes in the Changes in the Business category.

Base O&M	
Business Unit: _____	
(\$millions) or (\$thousands)	
2020 Year End Forecast	\$100.0
Inflation	2.2
2019 Estimated/Actual Accelerate Savings - Add Backs	
2019 Estimated/Actual Savings - item 1	4.0
2019 Estimated/Actual Savings - item 2	<u>2.0</u>
	6.0
Changes in the Business - Increase / (Decrease)	
New Activity - item 3	2.0
Non-recurring - item 4	<u>(1.0)</u>
	1.0
2020 Full Year Accelerate Savings - (Reductions)	
2020 Full Year Savings - item 1	(9.0)
2020 Full Year Savings - item 2	(5.0)
2020 Full Year Savings - item 5	<u>(10.0)</u>
	(24.0)
2021 Funds Request	\$85.2
Repeat 2020 to 2021 Walk Elements	<u>50.0</u>
2022 Forecast	\$135.2
Repeat 2020 to 2021 Walk Elements	<u>50.0</u>
2023 Forecast	\$185.2
Repeat 2020 to 2021 Walk Elements	<u>50.0</u>
2024 Forecast	\$235.2
Repeat 2020 to 2021 Walk Elements	<u>50.0</u>
2025 Forecast	\$285.2

Below the Line O&M Schedules

- Prepare a schedule identifying your business unit's major projects and activities for the years indicated.
- **(new)** Separate Below the Line O&M schedules will be required for a standalone company view and combined company view. The schedules from 2019 Actuals through 2025 Plan will reflect FPL and Gulf Power as standalone entities. The schedules from 2022 Plan through 2025 Plan will reflect FPL and Gulf Power as a combined entity.
 - 2021-2025 detailed plans will be developed for FPL (company 1500) and Gulf Power (company 1600). Budget schedules and walks are to be generated and included in the appendix of the Executive presentations.
 - Gulf Power will prepare a separate Executive presentation deck which will include budget schedules and walks through 2021. The presentation appendix will include budget walks and schedules through 2025.
 - 2022-2025 combined plan will result from adding the Gulf Power plan into the FPL plan beginning in 2022. Schedules and walks will be generated for the content of the FPL Executive presentations.
 - 2019 Actuals – 2021 Plan (Standalone FPL)
 - 2022 Plan – 2025 Plan (Gulf Power added to FPL)
- The following BOBJ reports are useful to stratify your Below the Line budget.
 - Stand Alone: Expense Forecast (9Yr -2/+7 PY-FC-FC)
 - Combined: Expense Forecast – FPL-Gulf (9Yr -2& +7 PY-FC-FC)

Below the Line
Business Unit: _____
 (\$millions) or (\$thousands)

Project / Activity	2019 Actual	2020 Forecast	2021 Funds Request	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast
Project 1							
Activity A							
Activity B							
Project 2							
Activity A							
Activity B							
Total Below the Line	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

- Prepare a year to year walk patterned after the following example for each of the following comparisons:
 - 2020 MOPR Year End Forecast to 2021 Funds Request
 - 2021 Funds Request to 2022 Forecast
 - 2022 Forecast to 2023 Forecast
 - 2023 Forecast to 2024 Forecast
 - 2024 Forecast to 2025 Forecast
- Include a brief explanation for each step-up and step-down on the table.

Below the Line
Business Unit: _____
 (\$millions) or (\$thousands)

2020 Year End Forecast		\$1,000
Additional ...	5.0	
Required....	50.0	
Non-recurring ...	<u>(30.0)</u>	
		<u>25.0</u>
2021 Funds Request		\$1,025
Additional ...	5.0	
Required....	50.0	
Non-recurring ...	<u>(30.0)</u>	
		<u>25.0</u>
2022 Forecast		\$1,050
Additional ...	5.0	
Required....	50.0	
Non-recurring ...	<u>(30.0)</u>	
		<u>25.0</u>
2023 Forecast		\$1,075
Additional ...	5.0	
Required....	50.0	
Non-recurring ...	<u>(30.0)</u>	
		<u>25.0</u>
2024 Forecast		\$1,100
Additional ...	5.0	
Required....	50.0	
Non-recurring ...	<u>(30.0)</u>	
		<u>25.0</u>
2025 Forecast		\$1,125

Capital Schedules

- Prepare a schedule identifying your business unit's major projects and activities for the years indicated.
- **(new)** Separate Capital schedules will be required for a standalone company view and combined company view. The schedules from 2019 Actuals through 2025 Plan will reflect FPL and Gulf Power as standalone entities. The schedules from 2022 Plan through 2025 Plan will reflect FPL and Gulf Power as a combined entity.
 - 2021-2025 detailed plans will be developed for FPL (company 1500) and Gulf Power (company 1600). Budget schedules and walks are to be generated and included in the appendix of the Executive presentations.
 - Gulf Power will prepare a separate Executive presentation deck which will include budget schedules and walks through 2021. The presentation appendix will include budget walks and schedules through 2025.
 - 2022-2025 combined plan will result from adding the Gulf Power plan into the FPL plan beginning in 2022. Schedules and walks will be generated for the content of the FPL Executive presentations.
 - 2019 Actuals – 2021 Plan (Standalone FPL)
- 2022 Plan – 2025 Plan (Gulf Power added to FPL) Provide a level of detail appropriate for a thorough senior executive review.
- Provide a summary explanation of the benefits to support the request for the capital including identification of the customer benefit that the capital investment drives.
- The Total Capital schedule should be stratified into two categories
 - Earning Projects
 - Project receives AFUDC
 - Clause projects (indicate which clause)
 - Automated Meter Reading Infrastructure project (Customer Service only)
 - Infrastructure Projects
 - All other capital expenditures not included in Earning Projects
- The following BOBJ reports are useful to stratify your Capital budget.
 - Stand Alone: Capital Forecast (9Yr -2/+7 PY-FC-FC)
 - Combined: Capital Forecast – FPL-Gulf (9Yr -2& +7 PY-FC-FC)

Total Capital							
Business Unit: _____							
(\$millions) or (\$thousands)							
Project / Activity	2019 Actual	2020 Forecast	2021 Funds Request	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast
AFUDC / Carrying Charges / Clause / AMI							
Project / Activity 1							
Project / Activity 2							
Project / Activity 3							
Total AFUDC / Carrying Charges / Clause / AMI	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Infrastructure							
Project / Activity 1							
Project / Activity 2							
Project / Activity 3							
Total Infrastructure	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total Capital	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

Employees Schedules

- Prepare a schedule of your business unit’s Employee count for the years indicated. Count all positions as 1.0 each. Do not count any position as fractional even if it will only be working part time.
- **(new)** Separate Employees schedules will be required for a standalone company view and combined company view. The schedules from 2019 Actuals through 2025 Plan will reflect FPL and Gulf Power as standalone entities. The schedules from 2022 Plan through 2025 Plan will reflect FPL and Gulf Power as a combined entity.
 - 2021-2025 detailed plans will be developed for FPL (company 1500) and Gulf Power (company 1600). Budget schedules and walks are to be generated and included in the appendix of the Executive presentations.
 - 2022-2025 combined plan will result from adding the Gulf Power plan into the FPL plan beginning in 2022. Schedules and walks will be generated for the content of the FPL Executive presentations.
 - 2019 Actuals – 2021 Plan (Standalone FPL)
 - 2022 Plan – 2025 Plan (Gulf Power added to FPL)
- Utilize the following BOBJ report to stratify your employee budgets: Headcount (9Yr -2/+7 A/Fc/Fc).
- Employee Headcount
 - Ensure that all business unit employees currently included on the HR organizational chart are accounted for in the “Headcount Planning” EPM workbook.
 - Vacant positions that are not going to be filled in the plan should be removed from the HR organizational chart.
 - Plans should clearly identify when headcount is planned to be added or removed and vacancies are planned to be filled. All business units should account for natural attrition

based on historical experience or known changes in the business, and ensure that is built into the payroll forecast for all years presented.

- Update the business unit headcount plans to properly reflect when positions are needed to support business operations and project completion or when the headcount will no longer be needed.
- Use the “Topside Input” worksheet in the “Headcount Planning” EPM workbook to enter planned headcount increases or decreases when position master data does not currently exist in the HR organizational chart.
- It is critical that headcounts are accurately input to ensure proper alignment to the plans for gross payroll.

FPL Employees
Business Unit: _____

FPL Employees	2019 Actual	2020 Forecast	2021 Request	2022 Forecast	2023 Forecast	2024 Forecast	2025 Forecast
Full Time (excluding Temporaries)							
FPL Exempt							
FPL Non-Exempt							
FPL Bargaining Unit							
Total FPL Full Time Employees	0	0	0	0	0	0	0
Part Time (count each as 1.0)							
FPL Exempt							
FPL Non-Exempt							
FPL Bargaining Unit							
Total FPL Part Time Employees	0	0	0	0	0	0	0
Total FPL Employees (excl Temporaries)	0	0	0	0	0	0	0

- Prepare a year to year walk patterned after the example for each of the following comparisons:
 - 2019 Actual to 2020 MOPR Year End Forecast
 - 2020 MOPR Year End Forecast to 2021 Funds Request
 - 2021 Funds Request to 2022 Forecast
 - 2022 Forecast to 2023 Forecast
 - 2023 Forecast to 2024 Forecast
 - 2024 Forecast to 2025 Forecast
- Include a brief explanation for each step-up and step-down on the table. Include the month of action and the number of positions associated with the addition / reduction.
- Regarding changes due to Accelerate, please note that the employee “walk” is on an incremental basis, not an annual basis. Unlike the Base O&M “walk,” the employee “walk” does not add back the prior year’s reductions related to Accelerate.

FPL Employees			
Business Unit: _____			
	<u>Month - Year</u>	<u>Increment</u>	<u>Total</u>
2019 Actual			1,000
Accelerate ...	Sep-19	(2)	
Replace open position ...	Oct-19	1	
Accelerate ...	Dec-19	(3)	
			<u>(4.0)</u>
2020 Forecast			996
Replace open position ...	Feb-20	1	
Accelerate ...	Mar-20	(5)	
Accelerate ...	Jul-20	(3)	
			<u>(7.0)</u>
2021 Request			989
Accelerate ...	Mar-21	(2)	
			<u>(2.0)</u>
2022 Forecast			987
Accelerate ...	Jun-22	(1)	
			<u>(1.0)</u>
2023 Forecast			986
Accelerate ...	Jun-23	(1)	
			<u>(1.0)</u>
2024 Forecast			985
Accelerate ...	Jun-24	(1)	
			<u>(1.0)</u>
2025 Forecast			984

Impact of Forecasts on Key Performance Measures

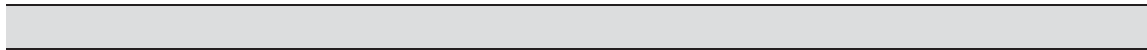
- Business units should provide a discussion of the relationship between the proposed forecasts and the unit's key performance indicators.
- Provide correlations and sensitivities to illustrate the relationships. No templates are provided. Use an appropriate format:
 - Tables
 - Graphs
 - Other

IT Funded Business Cases

- Each business unit must prepare a summary of the business cases it is sponsoring that will be presented by the IT business unit for funding in the IT budget for 2021 through 2025. Each summary must contain at least the following information:
 - Description of Business Case
 - Accelerate Idea #, if applicable
 - Project Benefits
 - Estimated cost savings
 - Productivity gains, etc.
 - Project Costs
 - O&M and/or capital components
 - Annual / total project costs

Final Approved 2021 Executive Planning and Budgeting Presentation

- This section provides the requirements for the development of the Final Approved 2021 Budget Presentation deliverable.
- At the conclusion of the budget review and approval process, each business unit may be requested to provide a final approved version of its presentation for submittal to FCOE FP&A.
- Minimum requirements include all templates and walks used during the budget review process, and key performance indicators.
 - Base O&M Schedules
 - Below the Line Schedules
 - Capital Schedules
 - FPL Employee Schedules
 - Key Performance Indicators
- Ensure all budgets and forecast amounts are final approved and tie to version PCY in SAP BOBJ reports.
- Revise all walks as necessary to support the changed annual amounts.
- At the discretion of the business unit, the final approved presentation may be expanded to include elements such as the following.
 - Objectives and Goals
 - Key Initiatives
 - Assumptions
 - Additional Benchmarking and Performance Indicators



Appendix

Using the FPL SAP BPC System

Planning and Forecasting in versions WV1, WV2 and WV3

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Data Requirements for Forecasting and Budgeting

The following outline provides a summary of the level of data detail required to be reviewed and updated, using the FPL SAP BPC system, prior to each forecast or budget submittal

Cash Flow Plan Data (Payroll and Non-Payroll)

- Review of on system data:
 - Monthly cash flow projections (Payroll and Non-Payroll) with appropriate WBS element (Level 4) and account data
 - Operating Expense (O&M) and Revenue
 - Capital and Deferred Expenditures

- Review and update of on system data:
 - WBS element (Level 3) non-payroll monthly cash flow projections
 - Internal order non-payroll monthly cash flow projections (as applicable)
 - WBS element (Level 4) plan allocations
 - WBS element (Level 3) plan allocations (as applicable)
 - O&M internal order payroll / non-payroll plan settlement rule allocations
 - Payroll / Headcount Plan Data

- Review of on system data:
 - Monthly headcounts with appropriate headcount movement data

- Review and update of on system data:
 - Headcount input form
 - Time / payroll cost allocations
 - Salary adjustments

- The following table provides the Project Types / Business Area combinations for which forecasts and budgets should be entered into the system:

Project Type	Business Area	Description
Operating Expenses		
E	A01	Base O&M
E	A02	ECCR (Energy Conservation Cost Recovery)
E	A04	O&M Fuel (Clause)
E	A05	O&M Capacity (Clause)
E	A06	Below the Line
E	A08	ECRC (Environmental Cost Recovery Clause)
E	A09	O&M NR Fuel (not recoverable through the Fuel Clause)
E	A12	Clearing/Overheads (Benefits, EO, Non Productive, Worker's Comp, Stores)
E	A20	Revenue Enhancement Expense
E	A21	Gas Reserves
E	A22	Inter-Company Expenses
E	A23	Rider Programs (Base)
E	A25	Rider Programs (Clause)
E	A26	O&M SPPCRC (Storm Protection Plan Cost Recovery Clause)
Capital Expenditures		
C	A01	Capital Base
C	A02	Capital ECCR (Energy Conservation Cost Recovery Clause)
C	A05	Capital Capacity (Clause)
C	A06	Capital Below the Line
C	A08	Capital ECRC (Environmental Cost Recovery Clause)
C	A17	Capital Storm
C	A18	Capital New Nuclear (Above the Line)
C	A21	Capital Gas Reserves
C	A23	Rider Programs (Base)
C	A25	Rider Programs (Clause)
C	A26	Capital SPPCRC (Storm Protection Plan Cost Recovery Clause)
Deferred Expenditures		
D	A10	Budgeted Deferred Projects (Considered a capital expenditure)
D	A11	Other Balance Sheet Activity (Optional)
Revenues		
E	A20	Revenue Enhancement Revenue

- Special notes regarding Revenue Enhancement:
 - The assignment of Revenue Enhancement business area A20 is determined solely by the accounting treatment the actual transaction receives when recorded in the general ledger
 - Use of business area A20 is limited to existing revenue enhancement programs
 - Business unit proposals for new revenue enhancement programs should be submitted to Accounting and Corporate Budgets prior to the inclusion of required resources in the 2021 budgeting and planning deliverables
 - Revenues are entered as credits in the appropriate Gross Margin accounts
 - Expenses are entered as debits in the appropriate Other Operating Expense accounts
-

Entering and Reviewing Required Data

Workbooks Available for Forecast and Budget Data Entry / Review

- The table below provides a summary of the workbooks (Analysis and EPM) available to review and update different levels of forecast and budget data details required in the FPL SAP BPC system

Activity	Data Type	Sub-Activity	Analysis / EPM Workbook
Review of on system data, using Analysis workbooks	Cash flow plan data (payroll and non-payroll)	Review monthly cash flow projections (Payroll and Non-Payroll) with appropriate WBS element (Level 4) and account data	
		<ul style="list-style-type: none"> Operating Expense (O&M) and Revenue 	"BPC - Expense Forecast (8Yr -2/+6 PY/Fc/Fc)" Analysis workbook
	<ul style="list-style-type: none"> Capital and Deferred Expenditures 	"BPC - Capital Forecast (8Yr -2/+6 PY/Fc/Fc)" Analysis workbook	
	Payroll / headcount plan data	Review monthly headcounts	"BPC - Headcount (6Yr -2/+4 A/Fc/Fc)" Analysis workbook
Review and update of on system data, using EPM workbooks	Cash flow plan data (payroll and non-payroll)	Review / update WBS element (Level 3) non-payroll monthly cash flow projections	"WBS Spend Budget Management" EPM workbook
		Review / update internal order non-payroll monthly cash flow projections (as applicable)	"IO Spend Budget Management" EPM workbook
		Review / update WBS element (Level 4) plan allocations	"WBS_L3L4_PERCENT_INPUT" EPM workbook
		Review / update WBS element (Level 3) plan allocations (as applicable for payroll / non-payroll plan values entered using mixed capital internal order)	"WBSL2L3_PERCENT_INPUT" EPM workbook
		Review / update O&M internal order payroll / non-payroll plan settlement rule allocations	"IO_SETTLEMENT_INPUT" EPM workbook
	Payroll / headcount plan data	Review / update headcount monthly movement projections (i.e. baseline of current employees and increases / decreases to account for new hires, separations, and transfers)	"Headcount Planning" EPM workbook
		Review / update time / payroll cost allocations	"Timesheet Planning" EPM workbook
	Review / update salary adjustments (i.e. merit, MOA, other increases / decreases as needed)	"Assumptions Planning" EPM workbook	

Notes on Budget Data Entry/Review using EPM workbooks

FPL Employee Headcount

- Ensure that all business unit employees currently included on the HR organizational chart are accounted for in the “Headcount Planning” EPM workbook.
- Vacant positions that are not going to be filled in the plan should be removed from the HR organizational chart.
- Plans should clearly identify when headcount is planned to be added or removed and vacancies are planned to be filled. It is assumed that natural attrition is built into the payroll forecast.
- Update the business unit headcount plans to properly reflect when positions are needed to support business operations and project completion or when the headcount will no longer be needed.
- Use the “Topside Input” worksheet in the “Headcount Planning” EPM workbook to enter planned headcount increases or decreases when position master data does not currently exist in the HR organizational chart.
- It is critical that headcounts are accurately input to ensure proper alignment to the plans for gross payroll.

Straight-Time Payroll

- Ensure every headcount entry in the “Headcount Planning” EPM workbook has time and payroll cost allocations that equal 100% in the “Timesheet Planning” EPM workbook.
- Time and payroll cost allocations coming from another business unit to your business unit’s internal orders are not visible in the “Timesheet Planning” EPM Workbook, but the corresponding payroll will be visible in the “IO Spend Budget Management” and/or “WBS Spend Budget Management” EPM workbooks and Analysis report workbooks.

Payroll (Other Than Straight-Time Payroll)

- Ensure the following payroll and payroll related costs are entered using either the “WBS Spend Budget Management” and/or the “IO Spend Budget Management” workbooks in EPM
 - Overtime
 - Overtime Meals
 - Other Earnings
 - Lump Sum Awards
 - Relocation
 - Recruiting
 - Sign-on Bonus
 - Severance
 - Payroll Charges from Affiliates (at fully loaded cost)

Non-Payroll

- The “IO Spend Budget Management” EPM workbook will show the following items as not editable
 - Straight-time payroll
 - Overheads
- The “WBS Spend Budget Management” EPM workbook will show the following items as not editable
 - Straight-time payroll
 - Non-payroll entered using “IO Spend Budget Management” EPM workbook
 - Overheads
- Be aware of the relationship between the “IO Spend Budget Management” and the “WBS Spend Budget Management” EPM workbooks
 - Data entered using the “IO Spend Budget Management” EPM workbook is visible for the corresponding WBS element in the “WBS Spend Budget Management” EPM workbook, based on plan allocations, but is not editable in the “WBS Spend Budget Management” EPM workbook
 - Data entered into the “WBS Spend Budget Management” EPM workbook is not visible in the “IO Spend Budget Management” (no reverse allocations)
- Amounts entered into the “IO Spend Budget Management” and “WBS Spend Budget Management” EPM workbooks for the same WBS element are summed together
 - If the “IO Spend Budget Management” EPM workbook is chosen to load data, ensure any corresponding duplicate entries are cleared in the “WBS Spend Budget Management” EPM workbooks; otherwise, reports will reflect a “double-count”, as data entered in both the “IO Spend Budget Management” and “WBS Spend Budget Management” EPM workbooks will be totaled
 - Straight-time payroll amounts will appear in both the “IO Spend Budget Management” and “WBS Spend Budget Management” EPM workbooks and will remain in sync as headcount timesheet changes are entered
- When certain payroll and non-payroll costs are budgeted, BPC EPM automatically generates additional budgeted costs in the form of an overhead or loader
 - For the current rates being applied by the system, use the following link to access the Reference Material section on the e-Web page
<http://eweb.fpl.com/bunit/finance/FunctGroups/BgtFcst/budgetsubmissionportal.shtml>

Additional FPL SAP BPC System training / reference materials

- Use the following link to access reference materials to guide you in using the FPL SAP BPC System EPM workbooks described in this document
<http://eweb/bpc>

Notes on Budgeting Charges to Affiliates

Operations Support Charges – OSC (formerly Service Fees)

- This charge is specific to Nuclear Business Unit
- Business units having a specific service agreement with an affiliate should budget the OSC charges as a direct charge using an IO/WBS element defined as business area A22 Inter-company Expenses
- To provide a fully loaded view of the OSC, FCOE FP&A organization will budget the appropriate affiliate overheads in Loc 10, based on all dollars budgeted in A22 by the Nuclear Business Unit
- Any IO/WBS element used to budget A22 dollars should not contain charges of any other nature

- Nuclear Business Unit is not included in the FPL/Gulf Power Merger Synergy. Elimination of the OSC charges through WV3 are not required.

Corporate Service Charges (CSC)

- CSC was previously referred to as Affiliate Management Fee (AMF)
- Staff business unit expenditures that are allocable to affiliate entities through the CSC should be budgeted 100% in an IO/WBS defined as business area A01 Base O&M
- Costs that are applicable to the CSC should be allocated to WBS elements (Level 4) that are marked with the appropriate CSC drivers (Investment Reason) and receiving company (WBS Services)
- CSC WBS element (Level 4) allocations will be based on driver percentages determined by Accounting's Cost Measurement and Allocations (CMA) department
- CMA will work with the business units to determine if budgeted costs are applicable to the CSC
- CMA will calculate the appropriate allocation percentages for CSC costs. It will be the responsibility of the business units to ensure that the correct WBS element (Level 4) allocations are reflected in the system using the "IO_SETTLEMENT_INPUT" and / or "WBS_L3L4_PERCENT_INPUT" EPM workbooks.
- Once a WBS element is determined to be eligible for the CSC, any non-CSC costs should not be allocated to that WBS element
- CSC charges to Gulf Power will not exist in a merger scenario. The elimination of the plan in WV3 is to ensure that FERC impacts are properly reflected on a merger scenario.
 - The FPL CSC credit resulting from distribution of CSC to the affiliates is planned at FPL in Version WV2. The credit systematically calculates as a result of the forecast being input on specific master data established for CSC allocation. CSC credits are reflected in Location 10 for non-Executive activity and Executive Business Unit for Executive activity
 - The CSC debit to be received by Gulf Power is planned in Version WV2.
 - FPL/Gulf Power Merger scenario requires the elimination of the CSC without disruption to the stand alone plans at FPL and Gulf Power.
 - WV3 elimination entries will be completed by FCOE FP&A Forecasting.

Direct Charges

- A business unit planning direct charges to affiliate entities should budget 100% of its cash expenditures in an Internal Order (IO)/WBS defined as business area A22 Inter-company expenses. Payroll dollars need to be planned on the internal order to allow the system to calculate the overheads rates established in the BPC EPM forecast tables
- It is recommended that the costs be allocated to WBS elements unique to a single receiving company. The WBS Services field may be used for that purpose
- To provide a fully loaded view of the Direct Charge plan, FCOE FP&A will budget the appropriate affiliate incremental overheads in Loc10, based on all dollars budgeted in A22 by the business units
- Any IO/WBS element used to budget A22 dollars should not contain charges of any other nature

- Direct charges to Gulf Power will not exist in a merger scenario. The elimination of the plan in WV3 is to ensure that FERC impacts are properly reflected in a merger scenario.
 - FPL/Gulf Power merger scenario requires the elimination of the direct charge plans without disruption to the stand alone plans at FPL and Gulf Power.
 - Direct charge plans will be eliminated in version WV3 by the business unit with support of FCOE FP&A Forecasting.
 - FPL plans in business area A22 will be reversed in WV3 using the master data on the existing plan in WV2.
 - The activity reversed in FPL business area A22 will be debited to business area A01 at the business unit to keep the business unit whole from a plan perspective. Direct Charge incremental overheads will be reversed in FPL Location 10.
 - Gulf Power plans resulting from FPL direct charge will be reversed in WV3. Cost element 8120902-Planned FPL Labor-Loaded (Forecast Only) has been created to specifically isolate direct charge forecasts in Gulf Power.
 - Direct charge plans from Gulf Power to FPL will be handled using the same process.

Notes on FERC Functionalization of O&M

- Shortly after the due date for initial completion of detail budgets in FPL SAP BPC system, FCOE FP&A will initiate the FERC Functionalization of the O&M budgets loaded into versions WV2/WV3
 - Once the FERC Functionalization has been completed, each business unit will review, and if necessary adjust, the FERC Functionalization of all O&M project type / business area combinations entered by the business unit. This will ensure an accurate forecast of O&M from a regulatory perspective. Use BW reports such as the “FERC O&M Trend Analysis (A/FFc/FFc)” report to perform the review.
 - If your unit’s O&M FERC allocations appear to be incorrectly allocated compared to historical FERC actuals or other plan years, update your allocation percentages using the “IO_SETTLEMENT_INPUT” and / or “WBS_L3L4_PERCENT_INPUT” EPM workbooks.
 - When all business units have completed their changes to the percentage splits, Corporate Budgets will re-run the FERC Functionalization of the O&M budgets loaded into WV2, so the units can see the impact of the percentage changes on their budgeted / forecasted dollars.
 - The above sequence may be iterated during the planning and budgeting process as necessary on a schedule to be announced.
 - The schedule for final FERC Functionalization of the O&M budgets will be announced.
-

Capital Forecasting and Budgeting

General

- Each business unit is required to provide capital forecast and budget details in accordance with the foregoing instructions for entering detail forecasts and budgets into BPC EPM and the following guidance specific to capital forecasting and budgeting
- Enter monthly cash flows in whole dollars for all years
 - Do not budget annual amounts in December; provide monthly cash flows
 - Major projects should be cash flowed monthly based on the best information available
 - Minor projects may be budgeted using an even monthly spread if better information is not available
- Ensure all master data is correct for all capital WBS elements
- Capital synergies resulting from the combination of Gulf Power with FPL beginning 2022 will be planned in version WV3.

Installation, Removal, Demolition and Nuclear Fuel Assignment

- Review, and if necessary adjust, the BPC EPM WBS_L3L4_Percent_Input workbook (Level 3 to Level 4 WBS percentage allocations) percentage splits for installation, removal and demolition capital. This will ensure accurate cost detail is available to support depreciation calculations in the Financial Forecasting Model.
 - **All capital projects** must be classified as either installation, removal, demolition or Nuclear Fuel capital, by assigning percentages to the Level 4 WBS elements
 - In most cases a capital project will be assigned one or both of the following level 4 WBS elements
 - Install: FERC Indicator 9901
 - Remove: FERC Indicator 9902
 - When a plan represents the demolition of assets, such as in the case of the demolition of a plant, the “Demolition” FERC Indicator 9904 must be assigned as the level 4 WBS element
 - When a plan represents the purchase of Nuclear Fuel, a Level 4 WBS element with a unique FERC Indicator 9903 and Capital Type 3 must be created and the Level 4 WBS allocation assigned.
 - The push of dollars from Level 3 to Level 4 is automatic and will immediately reflect any changes to the percentages splits made using the BPC EPM WBS_L3L4_Percent_Input workbook (Level 3 to Level 4 WBS percentage allocations).

Capital Project Master Data Assignments

Capital Type	GAAP Account	FERC Indicator	FERC Account
1 – Install	2609300 - CWIP	9901	9107100
2 – Remove	2650200 - ACC. DEPRECIATION (DP)	9902	9108050
3 – Nuclear Fuel	2607200 - NUCLEAR FUELS - In Process	9903	9120100
	2607100 - NUCLEAR FUELS - In Stock	9903	9120200
	2607310 - NUCLEAR FUELS: Inventory In Rx	9903	9120300
4 – Demolition	3701010 - DISMANTLEMENT RESERVE: Fossil	9904	9108332

Capital WBS Element Master Data

- Master Data for all capital WBS elements includes “corporate attributes” that define the capital project:
 - Business Area
 - IM Position
 - WBS Project Type
 - WBS Capital Type
 - FERC Function code
 - Plant Site code
 - Major Project designation
 - In-service date (Required only for Major Projects)
 - AFUDC relevance
 - Earning a Return status
 - Depreciation status
 - Storm Secure status

- When budgeting capital expenditures, it is important to ensure the corporate attributes that define the Project or WBS element accurately describe all of the capital expenditures budgeted or forecasted under that Project or WBS element. If not, then the expenditures should be allocated to two or more WBS elements as necessary

- **FERC Function Code (FERCFncID)**
 - A single digit code describing a classification of expenditures under the FERC System of Accounts
 - All costs associated with a single WBS should be reflective of the FERC Function selected.
Multiple WBS elements may be needed for proper differentiation
 - 1 – Steam Generation
 - 2 – Nuclear Generation
 - 3 – Other Generation
 - 4 – Transmission
 - 5 – Distribution Line
 - 6 – Distribution Substation
 - 7 – Buildings
 - 8 – General Plant Equipment
 - 9 – Transportation Equipment
 - 0 – Intangible Plant

● **Plant Site Code**

- A three-digit code
- Expenditures pertaining to a specific plant site must be budgeted in a WBS element unique to that site, per the following table; for all other expenditures use default plant site 000

Plant Site	Co	Plant Site	Co	Plant Site	Co	Plant Site	Co
NON-PRODUCTION PLANT	000	MARTIN UNIT 1	181	SOLAR SITES		Roper (land for solar)	319
CUTLER	010	Martin Unit 8	182	MANATEE PV SOLAR	172	Nail Ranch	320
RIVIERA UNIT #3 & #4	040	Martin Coal Unit	183	MARTIN SOLAR ENERGY CENTER	188	Woodland III	321
RIVIERA BEACH ENERGY CENTER U5	041	MARTIN UNIT 2	184	DESOTO SOLAR ENERGY CENTER	192	B&E Holdings	322
RIVIERA UNIT #2	042	MARTIN GAS PIPELINE	185	SPACECOAST SOLAR ENERGY CENTER	193	St Lucie River Farms 969	323
TURKEY POINT UNIT #3 EPU LAR	043	MARTIN UNIT #7	186	BABCOCK RANCH SOLAR PV.	197	AW Hatcher Farms Inc	324
TURKEY POINT UNIT #4 EPU LAR	044	MARTIN Unit 3	187	CITRUS PV SOLAR	199	Babcock Ranch Reserve Solar	325
PUTNAM	050	MARTIN Unit 4	189	St Lucie River Farms Solar	201	Jones Road LLC (aka Lincoln Energy)	326
ST LUCIE UNIT #1 EPU LAR	051	West County Energy Center U1/U2	190	VOLUNTARY SOLAR PARTNERSHIP (VSP)	210	Discovery Solar Energy Center	327
ST LUCIE UNIT #2 EPU LAR	052	WEST COUNTY ENERGY CENTER UNIT 3	191	C & I SOLAR PARTNERSHIP	211	Rodeo Solar Energy Center	328
PALATKA	060	Okeechobee Clean Energy Center	194	IOTA CAROL (SOLAR PROJECT)	212	Etonia Solar(Weyerhaeuser)	329
PALATKA PLANT UNIT 3	061	UNSITE D COMBINED CYCLE	195	Magnolia Springs Solar	213	Mortimer Bates(solar land)	330
Sanford Unit 3	070	Hendry Site	196	Hibiscus Solar	214	Family Alaska, LLC (solar land)	331
Sanford Unit 5	071	VERO BEACH	198	Sandricourt Farms Solar	215	Future Solar Site	331
Sanford Unit 4	072	CEDAR BAY	200	CLYMAN SOLAR	216	Unidentified Solar	975
Sanford U4/U5 Common	073	INDIANTOWN COGENERATION	205	Egret Solar	217		
FL LAUDERDALE Unit 4	080	TURKEY POINT UNIT #3 Uprates	243	CORAL FARM SOLAR	260		
FT LAUDERDALE Gas Turbines - Blackstart	081	TURKEY POINT UNIT #4 Uprates	244	HORIZON SOLAR	261		
FL Lauderdale Simple Cycle Peakers U6	082	ST LUCIE UNIT #1 Uprates	251	IBIS SOLAR	262		
DANIA BEACH ENERGY CENTER	083	ST LUCIE UNIT #2 Uprates	252	Hammock Solar	263		
FL Lauderdale Unit 5	084	Tesoro Groves	289	INTERSTATE SOLAR	264		
FL Lauderdale Common	085	Turkey Point U6/U7 Common	291	Twin Lakes Solar	265		
FL Lauderdale U4/U5 Common	086	WEST COUNTY ENERGY CENTER UNIT 2	292	KROME SOLAR	266		
FLORIDA GAS PIPELINE	090	WEST COUNTY ENERGY CENTER UNIT 1	293	Wildflower Solar	267		
FL Myers Total Site Common	110	WEST COUNTY ENERGY CENTER COMM	294	Blue Cypress Solar	268		
FL Myers Unit 2	112	Turkey Point U3/U4 Common	295	Loggerhead Solar	269		
FL Myers Simple Cycle Peakers U3	113	Martin U1/U2 Common	296	Barefoot Bay Solar	270		
FL Myers Unit 3	114	Martin U3/U4 Common	297	Indian River Solar	271		
FL Myers Common	115	MARTIN PLANT FUEL OIL PIPELINE	298	Miami Dade Solar	272		
FL Myer Gas Turbines - Blackstart	116	Transmission - Gen Step Up (GSU)	401	Echo River Solar	273		
FL Myers U2/U3 Common	117	TRANSMISSION - OTHER RETAIL	402	DE SOTO POWER PLANT COMMON	274		
Port Everglades Energy Center Common	120	TRANSMISSION - OTHER WHOLESALE	403	Pioneer Trail Solar	275		
Port Everglades Energy Center Unit 5	121	SJRPP Unit 1	500	Northern Preserve Solar	276		
Port Everglades Gas Turbines	122	SJRPP COAL CARS	501	Commonwealth Solar	277		
CAPE CANAVERAL	130	SJRPP UNIT 2	502	Sunshine Gateway Solar	278		
Cape Canaveral Unit 3	131	SJRPP COAL TERMINAL	503	Blus Heron Solar	279		
Turkey Point Unit 1	139	SJRPP U1/U2 Common	504	Sweetbay Solar	280		
Turkey Point Total Site Common	140	Scherer Unit 4	505	Tesoro Groves Solar	281		
TURKEY POINT UNIT 5	141	Steam Common	771	Weyerhaeuser Solar	282		
TURKEY POINT UNIT #3 EPU	142	Other Generation Common	772	Ryland Solar	283		
TURKEY POINT UNIT 3	143	Active Fossil Fleet	777	Skinner Solar (aka Trailside Solar)	284		
TURKEY POINT UNIT 4	144	Active Nuclear Fleet	778	Lakeside Solar	285		
TURKEY POINT UNIT #4 EPU	145	ALL Active GEN Fleet	779	Cattle Ranch Solar	286		
TURKEY POINT UNIT 6	146	INTANGIBLE PLANT FT LAUDERDALE	908	Okeechobee Solar	287		
TURKEY POINT UNIT 7	147			Southfork Solar	288		
TURKEY POINT COMMON #6 & #7	148			Jebble Solar	300		
TURKEY POINT COMMON EPU	149			Davis & Davis LLP	301		
ST LUCIE COMMON	150	Energy Storage		Palm Bay Solar	302		
ST LUCIE UNIT 1	151	Dania Beach Energy Storage	374	Willow Solar (Del Monte)	305		
ST LUCIE UNIT 2	152	Babcock Ranch Solar Battery Storage	375	Elder Branch (Del Monte) (north) solar	306		
ST LUCIE COMMON EPU	153	FIU Microgrid Energy Storage	376	Nassau Solar (aka Crawford Dia)	307		
ST LUCIE UNIT #1 EPU	154	Wynwood Energy Storage Center	400	Union Springs Solar (aka Plum Creek)	308		
ST LUCIE UNIT #2 EPU	155	Unidentified Battery Storage	994	Norris (land for solar)	309		
ST LUCIE UNIT 1 STOREROOM	156			Trucane Sugar	310		
ST LUCIE UNIT 2 STOREROOM	157			Orange Blossom	311		
ST. LUCIE WIND	160			Lakewood Park	312		
Manatee Total Site Common	170			Southeast Grove	313		
Manatee Unit 3	171			Rayonier Atlantic Timber	314		
Manatee Unit 1	173			St Joe Company	315		
Manatee Unit 2	174			Sundew Solar	316		
Manatee U1/U2 Common	175			Ridge Farm North 320	317		
Manatee Total Station Common	180			First Citrus	318		

- **Major Project Designation**

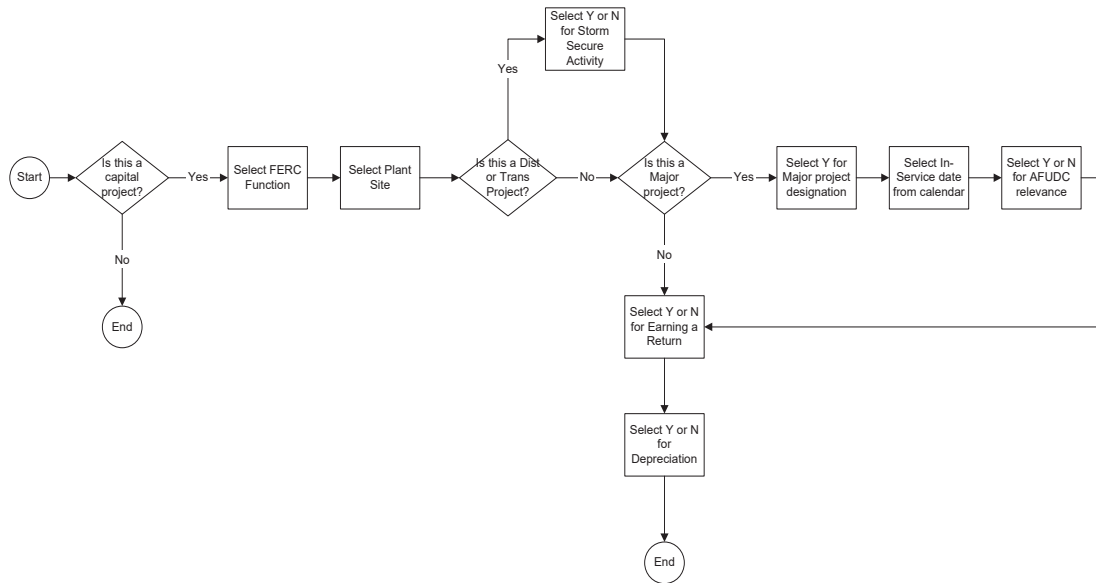
- A specific project is considered a Major project when the total cost over the life of the project is \$10 million or more
- A Major project should be identified with a Level 1 WBS Element
- Stratify a Major project into sub-activities using separate Level 3 WBS elements for the following reasons:
 - When a project comprises individual sub-projects that have individual total life time costs of \$10 million or more
 - When the sub-projects have different in-service dates, regardless of their respective sub-project cost
 - To identify demolition or removal costs (see below for further guidance)
 - To identify asbestos removal costs (see below for further guidance)
 - To identify land held for future use (see below for further guidance)
 - When the business unit finds a further breakdown to be a meaningful way to forecast the project
- Use "Y" to indicate a Major project and "N" if not a major project

- **In Service Date (ISD)**

- The date a Major project will be completed and go into service
- ISDs are used for Major projects only; it is not necessary to provide or maintain ISDs for minor projects
- The ISD is used by the Financial Forecasting Model (FFM), which is a non-SAP system. The FFM uses the ISD to determine when a project's Construction Work In-Progress (CWIP) balance should be reclassified to Plant In-Service and for initiating Depreciation. The FFM only requires a MM/YYYY ISD format. However, the SAP convention for entering dates is the MM/DD/YYYY format. To reconcile the formatting differences and to minimize the need to update changes in ISDs the following guidance is provided.
- Creating a new major capital WBS Element
 - Enter the ISD in the format MM/DD/YYYY
 - Always enter the last day of the month that the project will go into service
 - Examples
 - Enter 06/30/YYYY for a June ISD
 - Enter 08/31/YYYY for an August ISD
- Revising the ISD for an existing major capital WBS Element
 - Revise the ISD only when the month or year has changed; it is not necessary to revise the ISD to reflect a change in the day of the month within the same month
 - When revising an ISD always enter the last day of the month that the project will go into service

- Examples
 - If the current ISD is 06/15/2021 and the new ISD is 06/30/21, no change is required
 - If the current ISD is 06/15/2021 and the new ISD is 07/15/21, revise the ISD to 07/31/21
- **AFUDC Relevance**
 - Indicates eligibility for an accounting treatment known as Allowance for Funds Used During Construction
 - Used only for a WBS element designated as a Major Project; check with Accounting to make the determination for AFUDC eligibility
 - Enter "Y" if the project is AFUDC relevant and "N" if not
 - AFUDC rates and thresholds are different for standalone FPL and standalone Gulf Power.
 - AFUDC forecasts are calculated through Utilities International (UI) and provided as inputs to each of the Capital plans.
 - AFUDC will be recalculated for the combined scenario for 2022-2025 and any identified differences are to be recorded in WV3 to properly reflected the changes resulting from the combination.
- **Earning a Return**
 - A project is considered earning a return if it meets any of the following requirements
 - Project receives AFUDC
 - Project is Clause related (ECCR, ECRC, Capacity, New Nuclear, Gas Reserves)
 - Project is Automated Meter Reading Infrastructure (AMI) related
 - Enter "Y" if the project is earning a return and "N" if not
- **Depreciation Status**
 - Use "Y" if depreciable and "N" if non-depreciable
 - Land is the only capital expenditure that is non-depreciable; land should be in a separate WBS with a code of "N"
- **Storm Secure**
 - Applicable for Power Delivery projects only
 - Enter "Y" if a Storm Secure project and "N" if not

- **Flow Diagram for Assigning Corporate Defined Attributes**
 - The following is a flow diagram to help guide in the set-up of WBS elements and projects using the “Corporate” defined WBS attributes for Capital projects



Special Capital Budgeting Requirements

- **Demolition or Dismantlement Costs for a major project**
 - must be budgeted in a separate level 3 WBS element
 - the words Demolition or Dismantlement must appear in the WBS element name and description
 - must have a level 4 WBS element with FERC Indicator 9904 and 100% of the plan assigned to that WBS element
- **Land Held for Future Use**
 - must be budgeted in a separate level 3 WBS element
 - the words Future Use must appear in the WBS element name and description
 - All land purchases for future generation sites should be set up as Major Projects with an In-Service Date for proper treatment by the Financial Forecasting Model (FFM)
- **Asbestos Removal Activity**
 - must be budgeted in a separate level 3 WBS element
 - the words Asbestos Removal must appear in the WBS element name and description
 - must have a level 4 WBS element with FERC Indicator 9904 and 100% of the plan assigned to that WBS element
 - Also, see the Accounting Department memo of July 30, 2009 titled “FPL-2016 Asbestos Removal Accounting Process Reference,” in the “Reference Material” section of the corporate budgets e-Web page for additional requirements relative to FIN 47 and FASB 143

- **Retirements**

- Units must submit a list of major project retirements for individual items of property with historical costs of \$10 million or more
- Identify the month and year of retirement
- If none, submit notification indicating nothing to report



2021 Annual Planning Cycle Calendar

FPL-Gulf Power

Update 06/25/20

Item	Date	Time	Action/Deliverable/Event	Comments
<input checked="" type="checkbox"/> 1	Mon, 01/20/20		WV2 Org Refresh Completed	FP&A Systems
<input checked="" type="checkbox"/> 2	Wed, 01/22/20		Add 2026 to WV2	FP&A Systems
<input checked="" type="checkbox"/> 3	Wed, 01/22/20		WV2 Unlocked to Business Units (2)	FP&A Systems
<input checked="" type="checkbox"/> 4	Thu, 02/06/20 05:00pm		WV2 Locked on WD4 (2)	FP&A Systems
<input checked="" type="checkbox"/> 5	Fri, 02/07/20		Version B02 Snapshot on WD5 (2)	FP&A Systems
<input checked="" type="checkbox"/> 6	Wed, 02/14/20 08:00am		WV2 Unlocked on WD10 (2)	FP&A Systems
<input checked="" type="checkbox"/> 7	Thu, 03/05/20 05:00pm		WV2 Locked on WD4 (2)	FP&A Systems
<input checked="" type="checkbox"/> 8	Fri, 03/06/20		Version B02 Snapshot on WD5 (2)	FP&A Systems
<input checked="" type="checkbox"/> 9	Fri, 03/13/20 08:00am		WV2 Unlocked on WD10 (2)	FP&A Systems
<input checked="" type="checkbox"/> 10	Wed, 04/01/20		Issue Guidelines and Planning Calendar	FP&A
<input checked="" type="checkbox"/> 11	Mon, 04/06/20 05:00pm		(WD4) WV2 Locked (2)	FP&A Systems
<input checked="" type="checkbox"/> 12	Tue, 04/07/20		(WD5) Version B04 Snapshot (2)	FP&A Systems
<input checked="" type="checkbox"/> 13	Wed, 04/15/20 12:00pm		(WD11) WV2 Unlocked to Business Units (2)	FP&A Systems
<input checked="" type="checkbox"/> 14	Fri, 05/01/20		Release Planning Cycle Calendar	Jack Slimm
<input checked="" type="checkbox"/> 15	Wed, 05/06/20	05:00pm	(WD4) WV2/WV3 Locked (2) Note to Business Units: Expectation that FPL/Gulf synergy test data is input to WV3 so that testing can be completed on results	FP&A Systems
<input checked="" type="checkbox"/> 16	Thu, 05/07/20		(WD5) Version B05 Snapshot (2)	FP&A Systems
<input checked="" type="checkbox"/> 17	Tue, 05/12/20	after 05:00pm	(WD8) HR Org Refresh will be processed for WV2 Note 1: HR Org refresh does not apply to Gulf Power Note 2: Evaluating feasibility of running HR Org Refresh on WV3	FP&A Systems
<input checked="" type="checkbox"/> 18	Wed, 05/13/20		(WD9) HR Org Refresh data will be verified and validated	FP&A Systems
<input checked="" type="checkbox"/> 19	Thu, 05/14/20	08:00am	(WD10) WV2 Unlocked (2)	FP&A Systems
<input checked="" type="checkbox"/> 20	Week of 05/18/20		WV3 will be copied to J05; N05 will be created off B05 & J05	FP&A Systems
<input checked="" type="checkbox"/> 21	Week of 05/18/20		WV3 will be unlocked after copy processes are completed	FP&A Systems
<input checked="" type="checkbox"/> 22	Mon, 05/25/20		Memorial Day Holiday	
<input checked="" type="checkbox"/> 23	Thu, 06/04/20	05:00pm	Business Unit FERC Adjustments - Pass 1 Note: Completed in EPM on template WBS_L3L4_PERCENT_INPUT	Business Units
<input checked="" type="checkbox"/> 24	Thu, 06/04/20	05:00pm	Business Units layer in Accelerate Savings for Version B06	Business Units
<input checked="" type="checkbox"/> 25	Thu, 06/04/20	05:00pm	(WD4) WV2/WV3 Locked (2) Note to Business Units: Expectation that actual FPL/Gulf synergy data is input to WV3	FP&A Systems
<input checked="" type="checkbox"/> 26	Fri, 06/05/20		(WD5) Version B06 Snapshot (2)	FP&A Systems

2021 Annual Planning Cycle Calendar

FPL-Gulf Power

Update 06/25/20

Item	Date	Time	Action/Deliverable/Event	Comments
<input checked="" type="checkbox"/> 27	Fri, 06/05/20		WV3 will be copied to J06; N06 will be created off B06 & J06	FP&A Systems
<input checked="" type="checkbox"/> 28	Fri, 06/12/20	08:00am	(WD10) WV2/WV3 Unlocked (2)	FP&A Systems
<input checked="" type="checkbox"/> 29	Thu, 06/25/20	05:00pm	Release Planning Cycle Guidelines	FP&A
<input checked="" type="checkbox"/> 30	Thu, 06/25/20	05:00pm	Issue FCG-Gulf Power Assumptions	FP&A
31	Fri, 07/03/20		Independence Day Holiday (WD4) WV2/WV3 Locked (2)	
32	Tue, 07/07/20	05:00pm	Note: Expectation that actual FPL/Gulf synergy data is input to WV3	FP&A Systems
33	Tue, 07/07/20	05:00pm	Business Unit FERC Adjustments - Pass 2 Note: Completed in EPM on template WBS_L3L4_PERCENT_INPUT	Business Units
34	Wed, 07/08/20		(WD5) Version B07 Snapshot (2) Note to Business Units: 1st Dry Run of 2020-2026 Rate Case Budget. Well baked totals and enough detail at the FERC level that synergies can be validated.	FP&A Systems
35	Wed, 07/08/20		WV3 will be copied to J07; N07 will be created off B07 & J07	FP&A Systems
36	Mon, 07/15/20	08:00am	(WD10) WV2/WV3 Unlocked (2)	FP&A Systems
37	Mon, 08/03-Mon, 08/31/20		BU VP/Exec VP Budget Review Sessions	Internal to BU(s)
38	Thu, 08/06/20	05:00pm	(WD4) WV2/WV3 Locked (2)	FP&A Systems
39	Fri, 08/07/20		(WD5) Version B08 Snapshot (2)	FP&A Systems
40	Fri, 08/07/20		WV3 will be copied to J08; N08 will be created off B08 & J08	FP&A Systems
41	Mon, 08/10/20		Reload Overhead Pools, Benefits & Incentives	Mike Holbert
42	Fri, 08/14/20		Overheads and Loaders Calculated and Input to EPM	Jack Slimm / Mike Holbert
43	Fri, 08/14/20		IT In-services assets for capital hardware/software to Jennifer Richards	Fabian Tejedor
44	Mon, 08/14/20	08:00am	(WD10) WV2/WV3 Unlocked (2)	FP&A Systems
45	Fri, 08/21/20		CSC IT Software/Hardware Depreciation Calculation	Jennifer Richards
46	Fri, 08/21/20		Affiliate PPE, Revenues, Payroll to calculate allocations	Jennifer Richards
47	Mon, 08/24-Wed, 08/26/20		Update CSC Massachusetts Formula driver percentages in EPM and SAP Notes: 1) This is a manual process (looking into solutions to automate). 2) SAP internal orders currently only has data for year 1; when forecasting on internal order the year 1 rate will be applied on all years 3) EPM has rates for all years; when forecasting on a WBS the proper rate will be applied on each year	BU Controllers/Mike Borden
48	Wed, 08/26/20		Update Affiliate Depreciation	Jennifer Richards
49	Thu, 08/27-Fri, 08/28/20		Validate driver percentages in EPM and SAP	Jack Slimm/Jennifer Richards

2021 Annual Planning Cycle Calendar				
FPL-Gulf Power				
Update 06/25/20				
Item	Date	Time	Action/Deliverable/Event	Comments
50	Fri, 08/28/20		Disallowed plan provided to FPL Corporate Forecasting	Mike Holbert
51	Fri, 09/04/20	05:00pm	(WD4) WV2/WV3 Locked (2)	FP&A Systems
52	Mon, 09/07/20		Labor Day Holiday	
53	Tue, 09/08/20		(WD5) Version B09 Snapshot (2) Note to Business Units: Final Snap of 2020-2026 Rate Case Budget	FP&A Systems
54	Tue, 09/08/20		WV3 will be copied to J09; N09 will be created off B09 & J09	FP&A Systems
55	Mon, 09/07-Fri, 09/11/20		Finalize 2020-2025 Budget Presentations	FP&A/BU(s) Action
56	Fri, 09/11/20	05:00pm	Presentations Due to FP&A	BU(s) Action
57	Wed, 09/15/20	08:00am	(WD10) WV2/WV3 Unlocked (2)	FP&A Systems
58	Mon, 09/21/20	05:00pm	Compile and Deliver Budget Presentation Book to Eric Silagy and Other Attendees	FP&A
59	Wed, 09/30/20 Note: Placeholder		2020-25 O&M and Capital Review Meeting with Eric Silagy (1)	Attendees: FPL Budget Committee - Silagy, Kujawa, Barrett Other attendees - May, Ferguson, Bores, Seal
60	Thu, 10/01-Mon, 10/05/20		Update BPC Based Upon Outcome of O&M/Capital Review Meeting	BU(s) Action
61	Fri, 10/09/20	05:00pm	Revised Presentations Due to FP&A (if required)	BU(s) Action
62	Fri, 10/16/20	05:00pm	Compile and Deliver Budget Presentation Book to Jim Robo and Other Attendees (if required)	FP&A
63	Mon, 10/19/20 Note: Placeholder		2020-25 Financial Review meetings with Jim Robo (1)	Attendees: Robo, Silagy, Barrett, Kujawa, Bores, Seal
64	Tue, 10/20-Fri, 10/23/20		Finalize Updates in BPC for the Approved 5 Year Plan Based Upon Jim Robo's Review Meeting	BU(s) Action
65	December 2020		Snap Version PCY and P21	
66	January 2021		WV2 HR Org Refresh	FP&A
67	January 2021		2020-2025 Updated Presentations for File (if required)	BU(s) Action

Notes:

- (1) Assumes FPL and Gulf Power reviews will be conducted at the same meeting.
- (2) WV2/WV3 lock/unlock dates and WV2/WV3 snap shot dates are subject to change to meet any adhoc planning, forecasting or reporting needs.
- (3) WV2/WV3 will remained locked to all through the balance of the planning cycle. Adjustments to WV2/WV3 will be exception based.

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION: If a projected test year is used, for each sales forecasting model, give a quantified explanation of the impact of changes in the inputs to changes in outputs.

Type of Data Shown:
 X Projected Test Year Ended 12/31/22
 ___ Prior Year Ended ___/___/___
 ___ Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Jun K. Park

Model Residential

Line No.	(1) Input Variable	(2) Percent Change (Input)	(3) Output Variable Affected	(4) Percent Change (Output)
FPL				
1	Residential Customers	-10%	Residential Sales	-10.00%
2	Residential Customers	10%	Residential Sales	10.00%
3	Bill Day Heating Degree Hour 56	-10%	Residential Sales	-0.21%
4	Bill Day Heating Degree Hour 56	10%	Residential Sales	0.21%
5	Bill Day Cooling Degree Hour Delta7280	-10%	Residential Sales	-2.17%
6	Bill Day Cooling Degree Hour Delta7280	10%	Residential Sales	2.17%
7	Bill Day Cooling Degree Hour 80	-10%	Residential Sales	-0.90%
8	Bill Day Cooling Degree Hour 80	10%	Residential Sales	0.90%
9	Real Personal Income Per Household	-10%	Residential Sales	-3.05%
10	Real Personal Income Per Household	10%	Residential Sales	3.05%
11	Real Price Increase 12ma Pct Increase	-10%	Residential Sales	2.78%
12	Real Price Increase 12ma Pct Increase	10%	Residential Sales	-2.78%
13	Bill Day Residential Codes and Standard	-10%	Residential Sales	0.80%
14	Bill Day Residential Codes and Standard	10%	Residential Sales	-0.80%
GULF				
15	Residential Customers	-10%	Residential Sales	-10.00%
16	Residential Customers	10%	Residential Sales	10.00%
17	Bill Day Cooling Degree Hour 67 R1	-10%	Residential Sales	-0.37%
18	Bill Day Cooling Degree Hour 67 R1	10%	Residential Sales	0.37%
19	Bill Day Cooling Degree Hour 67 R2	-10%	Residential Sales	-2.24%
20	Bill Day Cooling Degree Hour 67 R2	10%	Residential Sales	2.24%
21	Bill Day Cooling Degree Hour 67 R3	-10%	Residential Sales	-0.54%
22	Bill Day Cooling Degree Hour 67 R3	10%	Residential Sales	0.54%
23	Bill Day Heat Degree Hour 59 R1	-10%	Residential Sales	-0.20%
24	Bill Day Heat Degree Hour 59 R1	10%	Residential Sales	0.20%
25	Bill Day Heat Degree Hour 59 R2	-10%	Residential Sales	-0.85%
26	Bill Day Heat Degree Hour 59 R2	10%	Residential Sales	0.85%
27	Real Price 12ma Percent Increase	-10%	Residential Sales	1.79%
28	Real Price 12ma Percent Increase	10%	Residential Sales	-1.79%
29	Bill Day Residential Codes and Standards	-10%	Residential Sales	0.50%
30	Bill Day Residential Codes and Standards	10%	Residential Sales	-0.50%

Note: There is no historical consolidated FPL forecast and the projected consolidated FPL forecast is the combination of the standalone FPL and Gulf forecasts. For purposes of this MFR, FPL has provided the quantified explanation of the impacts of changes to the input variables and changes to the output variables used in the standalone FPL and Gulf models used to develop the standalone FPL and Gulf forecasts.

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION: If a projected test year is used, for each sales forecasting model, give a quantified explanation of the impact of changes in the inputs to changes in outputs.

Type of Data Shown:
 X Projected Test Year Ended 12/31/22
 ___ Prior Year Ended ___/___/___
 ___ Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Jun K. Park

Model Commercial				
Line No.	(1) Input Variable	(2) Percent Change (Input)	-3 Output Variable Affected	(4) Percent Change (Output)
FPL				
1	Large Commercial Customers	-10.0%	Large Commercial Sales	-10.00%
2	Large Commercial Customers	10.0%	Large Commercial Sales	10.00%
3	Bill Day Heating Degree Hour 66	-10.0%	Large Commercial Sales	-1.42%
4	Bill Day Heating Degree Hour 66	10.0%	Large Commercial Sales	1.42%
5	Total Nonfarm Employment	-10.0%	Large Commercial Sales	-2.81%
6	Total Nonfarm Employment	10.0%	Large Commercial Sales	2.81%
7	Real Price Increase 12ma Pct Increase	-10.0%	Large Commercial Sales	0.71%
8	Real Price Increase 12ma Pct Increase	10.0%	Large Commercial Sales	-0.71%
9	Small & Medium Commercial Customers	-10.0%	Small & Medium Commercial Sales	-10.00%
10	Small & Medium Commercial Customers	10.0%	Small & Medium Commercial Sales	10.00%
11	Bill Day Heating Degree Hour 66	-10.0%	Small & Medium Commercial Sales	-2.20%
12	Bill Day Heating Degree Hour 66	10.0%	Small & Medium Commercial Sales	2.20%
13	Bill Day Residential Codes and Standard	-10.0%	Small & Medium Commercial Sales	0.92%
14	Bill Day Residential Codes and Standard	10.0%	Small & Medium Commercial Sales	-0.92%
15	Total Nonfarm Employment	-10.0%	Small & Medium Commercial Sales	-2.03%
16	Total Nonfarm Employment	10.0%	Small & Medium Commercial Sales	2.03%
17	Real Price Increase 12ma Pct Increase	-10.0%	Small & Medium Commercial Sales	0.96%
18	Real Price Increase 12ma Pct Increase	10.0%	Small & Medium Commercial Sales	-0.96%
GULF				
19	Small Commercial Customers	-10.0%	Small Commercial Sales	-10.00%
20	Small Commercial Customers	10.0%	Small Commercial Sales	10.00%
21	Bill Day Cooling Degree Hour 67 C1	-10.0%	Small Commercial Sales	-0.31%
22	Bill Day Cooling Degree Hour 67 C1	10.0%	Small Commercial Sales	0.31%
23	Bill Day Cooling Degree Hour 67 C2	-10.0%	Small Commercial Sales	-2.11%
24	Bill Day Cooling Degree Hour 67 C2	10.0%	Small Commercial Sales	2.11%
25	Bill Day Heating Degree Hour 59 C1	-10.0%	Small Commercial Sales	-0.75%
26	Bill Day Heating Degree Hour 59 C1	10.0%	Small Commercial Sales	0.75%
27	Real Price 12ma Percent Increase	-10.0%	Small Commercial Sales	2.96%
28	Real Price 12ma Percent Increase	10.0%	Small Commercial Sales	-2.96%
29	Bill Day Commercial Codes and Standards	-10.0%	Small Commercial Sales	0.67%
30	Bill Day Commercial Codes and Standards	10.0%	Small Commercial Sales	-0.67%
31	Large Commercial Customers	-10.0%	Large Commercial Sales	-10.00%
32	Large Commercial Customers	10.0%	Large Commercial Sales	10.00%
33	Bill Day Cooling Degree Hour 60 C1	-10.0%	Large Commercial Sales	-0.25%
34	Bill Day Cooling Degree Hour 60 C1	10.0%	Large Commercial Sales	0.25%
35	Bill Day Cooling Degree Hour 60 C2	-10.0%	Large Commercial Sales	-1.65%
36	Bill Day Cooling Degree Hour 60 C2	10.0%	Large Commercial Sales	1.65%
37	Bill Day Heating Degree Hour 50 C1	-10.0%	Large Commercial Sales	-0.12%
38	Bill Day Heating Degree Hour 50 C1	10.0%	Large Commercial Sales	0.12%
39	Real Price 12ma Percent Increase	-10.0%	Large Commercial Sales	3.23%
40	Real Price 12ma Percent Increase	10.0%	Large Commercial Sales	-3.23%
41	Bill Day Commercial Codes and Standards	-10.0%	Large Commercial Sales	-0.62%
42	Bill Day Commercial Codes and Standards	10.0%	Large Commercial Sales	0.62%

Note: There is no historical consolidated FPL forecast and the projected consolidated FPL forecast is the combination of the standalone FPL and Gulf forecasts. For purposes of this MFR, FPL has provided the quantified explanation of the impacts of changes to the input variables and changes to the output variables used in the standalone FPL and Gulf models used to develop the standalone FPL and Gulf forecasts.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION: If a projected test year is used, for each sales forecasting model, give a quantified explanation of the impact of changes in the inputs to changes in outputs.

Type of Data Shown:
 X Projected Test Year Ended 12/31/22
 ___ Prior Year Ended ___/___/___
 ___ Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Jun K. Park

Model Industrial

Line No.	(1) Input Variable	(2) Percent Change (Input)	(3) Output Variable Affected	(4) Percent Change (Output)
FPL				
1	Small Industrial Customers	-10.00%	Small Industrial Sales	-10.00%
2	Small Industrial Customers	10.00%	Small Industrial Sales	10.00%
3	Bill Day Cooling Degree Hour 72	-10.00%	Small Industrial Sales	-2.04%
4	Bill Day Cooling Degree Hour 72	10.00%	Small Industrial Sales	2.04%
5	Medium Industrial Customers	-10.00%	Medium Industrial Sales	-10.00%
6	Medium Industrial Customers	10.00%	Medium Industrial Sales	10.00%
7	Large Industrial Customers	-10.00%	Large Industrial Sales	-10.00%
8	Large Industrial Customers	10.00%	Large Industrial Sales	10.00%
GULF				
9	Large Industrial Customers	-10.00%	Large Industrial Sales	-10.00%
10	Large Industrial Customers	10.00%	Large Industrial Sales	10.00%

Note: There is no historical consolidated FPL forecast and the projected consolidated FPL forecast is the combination of the standalone FPL and Gulf forecasts. For purposes of this MFR, FPL has provided the quantified explanation of the impacts of changes to the input variables and changes to the output variables used in the standalone FPL and Gulf models used to develop the standalone FPL and Gulf forecasts.

In the case of exponential models, customers are the only input.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION:

For each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

Type of Data Shown:

Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Jun K. Park

Line
No.

1 See attachments 1 through 29

Note: There is no historical consolidated FPL forecast and the projected consolidated FPL forecast is the combination of the standalone FPL and Gulf forecasts. For purposes of this MFR, FPL has provided the historical and projected input and output variables used in estimating the standalone FPL and Gulf models used to develop the standalone FPL and Gulf forecasts.

Supporting Schedules:

Recap Schedules:

Year	Month	Commercial			
		Commercial DSM Impact	Private Solar Impact	Commercial Economic Development Rate Impact	Industrial CISR Rate Impact
2020	8	-4,171	-524	1,087	2,190
2020	9	-4,020	-492	1,087	2,190
2020	10	-3,844	-479	1,087	2,190
2020	11	-3,203	-415	1,087	2,190
2020	12	-2,983	-388	1,087	2,190
2021	1	-3,412	-452	4,332	13,104
2021	2	-3,232	-515	4,332	13,104
2021	3	-3,312	-771	4,332	13,104
2021	4	-3,620	-867	4,332	13,104
2021	5	-3,871	-978	4,332	13,104
2021	6	-4,318	-935	4,332	13,104
2021	7	-4,640	-1,068	4,332	13,104
2021	8	-4,683	-1,569	4,332	13,104
2021	9	-4,514	-1,548	4,332	13,104
2021	10	-4,316	-1,580	4,332	13,104
2021	11	-3,596	-1,434	4,332	13,104
2021	12	-3,349	-1,399	4,332	13,104
2022	1	-5,601	-1,483	5,215	14,199
2022	2	-5,307	-1,558	5,215	14,199
2022	3	-5,438	-2,167	5,215	14,199
2022	4	-5,943	-2,287	5,215	14,199
2022	5	-6,355	-2,439	5,215	14,199
2022	6	-7,090	-2,217	5,215	14,199
2022	7	-7,617	-2,419	5,215	14,199
2022	8	-7,689	-2,795	5,215	14,199
2022	9	-7,411	-2,701	5,215	14,199
2022	10	-7,085	-2,702	5,215	14,199
2022	11	-5,904	-2,407	5,215	14,199
2022	12	-5,499	-2,308	5,215	14,199
2023	1	-7,895	-2,420	6,284	26,244
2023	2	-7,480	-2,518	6,284	26,244
2023	3	-7,665	-3,471	6,284	26,244
2023	4	-8,377	-3,631	6,284	26,244
2023	5	-8,957	-3,839	6,284	26,244
2023	6	-9,993	-3,462	6,284	26,244
2023	7	-10,737	-3,747	6,284	26,244
2023	8	-10,837	-4,017	6,284	26,244
2023	9	-10,446	-3,865	6,284	26,244
2023	10	-9,987	-3,850	6,284	26,244
2023	11	-8,322	-3,417	6,284	26,244
2023	12	-7,751	-3,263	6,284	26,244

Large Commercial

Year Month Customers Model Ouput

2010	1	3,417
2010	2	3,415
2010	3	3,415
2010	4	3,418
2010	5	3,434
2010	6	3,444
2010	7	3,431
2010	8	3,419
2010	9	3,431
2010	10	3,401
2010	11	3,433
2010	12	3,467
2011	1	3,473
2011	2	3,492
2011	3	3,494
2011	4	3,499
2011	5	3,497
2011	6	3,472
2011	7	3,455
2011	8	3,460
2011	9	3,446
2011	10	3,412
2011	11	3,407
2011	12	3,371
2012	1	3,347
2012	2	3,341
2012	3	3,355
2012	4	3,376
2012	5	3,392
2012	6	3,399
2012	7	3,434
2012	8	3,420
2012	9	3,389
2012	10	3,355
2012	11	3,328
2012	12	3,328
2013	1	3,328
2013	2	3,320
2013	3	3,324
2013	4	3,324
2013	5	3,318
2013	6	3,315
2013	7	3,301

Large Commercial

Year	Month	Customers	Model Ouput
2013	8		3,292
2013	9		3,294
2013	10		3,272
2013	11		3,258
2013	12		3,253
2014	1		3,258
2014	2		3,261
2014	3		3,262
2014	4		3,255
2014	5		3,258
2014	6		3,270
2014	7		3,272
2014	8		3,294
2014	9		3,310
2014	10		3,294
2014	11		3,292
2014	12		3,299
2015	1		3,300
2015	2		3,291
2015	3		3,300
2015	4		3,296
2015	5		3,298
2015	6		3,297
2015	7		3,306
2015	8		3,306
2015	9		3,272
2015	10		3,244
2015	11		3,245
2015	12		3,247
2016	1		3,248
2016	2		3,248
2016	3		3,241
2016	4		3,252
2016	5		3,240
2016	6		3,258
2016	7		3,270
2016	8		3,288
2016	9		3,277
2016	10		3,273
2016	11		3,249
2016	12		3,236
2017	1		3,230
2017	2		3,214
2017	3		3,208

Large Commercial

Year	Month	Customers	Model Ouput
2017	4		3,201
2017	5		3,209
2017	6		3,208
2017	7		3,196
2017	8		3,170
2017	9		3,165
2017	10		3,139
2017	11		3,143
2017	12		3,140
2018	1		3,146
2018	2		3,156
2018	3		3,155
2018	4		3,151
2018	5		3,138
2018	6		3,154
2018	7		3,155
2018	8		3,152
2018	9		3,091
2018	10		3,088
2018	11		3,092
2018	12		3,095
2019	1		3,090
2019	2		3,079
2019	3		3,085
2019	4		3,091
2019	5		3,098
2019	6		3,105
2019	7		3,138
2019	8		3,151
2019	9		3,168
2019	10		3,127
2019	11		3,128
2019	12		3,116
2020	1		3,121
2020	2		3,116
2020	3		3,116
2020	4		3,111
2020	5		3,119
2020	6		3,114
2020	7		3,084
2020	8		3,078
2020	9		3,078
2020	10		3,078
2020	11		3,078

Large Commercial

Year	Month	Customers	Model Ouput
2020	12		3,078
2021	1		3,078
2021	2		3,078
2021	3		3,078
2021	4		3,078
2021	5		3,078
2021	6		3,078
2021	7		3,078
2021	8		3,078
2021	9		3,078
2021	10		3,078
2021	11		3,078
2021	12		3,078
2022	1		3,078
2022	2		3,078
2022	3		3,078
2022	4		3,078
2022	5		3,078
2022	6		3,078
2022	7		3,078
2022	8		3,078
2022	9		3,078
2022	10		3,078
2022	11		3,078
2022	12		3,078
2023	1		3,078
2023	2		3,078
2023	3		3,078
2023	4		3,078
2023	5		3,078
2023	6		3,078
2023	7		3,078
2023	8		3,078
2023	9		3,078
2023	10		3,078
2023	11		3,078
2023	12		3,078

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Year	Month	Large Commercial	Large Commercial Use				Indicator Variable for February	Indicator Variable for March	Indicator Variable for October	Indicator Variable for November	Indicator Variable for March-May 2020	Real Electric Price Increase 12 Month	Bill Days
		Sales (MWh)	Large Commercial Customers	Per Customer per Bill Day	Bill Day Cooling Degree Hours Base - 66	Florida Employment (1,000's)					Average Cents / kWh		
2004	8	1,191,418	3,161	12,704.75	388.21	7,505	0	0	0	0	12.586	29.667	
2004	9	1,167,239	3,170	12,119.88	396.97	7,530	0	0	0	0	12.586	30.381	
2004	10	1,173,797	3,156	12,456.90	346.97	7,569	0	0	1	0	12.586	29.857	
2004	11	1,221,065	3,171	13,106.18	241.44	7,596	0	0	0	1	12.586	29.381	
2004	12	1,193,278	3,181	11,466.85	138.88	7,621	0	0	0	0	12.586	32.714	
2005	1	1,145,142	3,185	10,679.37	78.95	7,638	0	0	0	0	12.594	33.667	
2005	2	1,079,303	3,179	11,019.48	55.22	7,662	1	0	0	0	12.618	30.810	
2005	3	1,037,183	3,105	11,064.47	87.52	7,688	0	1	0	0	12.650	30.190	
2005	4	1,050,952	3,084	11,598.50	159.85	7,715	0	0	0	0	12.682	29.381	
2005	5	1,124,482	3,127	12,180.06	205.21	7,744	0	0	0	0	12.713	29.524	
2005	6	1,236,487	3,185	12,639.90	320.77	7,774	0	0	0	0	12.739	30.714	
2005	7	1,301,675	3,241	13,137.54	394.29	7,817	0	0	0	0	12.768	30.571	
2005	8	1,368,492	3,303	13,965.61	439.08	7,844	0	0	0	0	12.797	29.667	
2005	9	1,368,401	3,331	13,479.72	424.63	7,864	0	0	0	0	12.820	30.476	
2005	10	1,264,519	3,320	12,838.48	371.47	7,870	0	0	1	0	12.834	29.667	
2005	11	1,112,135	3,312	11,282.49	237.01	7,885	0	0	0	1	12.869	29.762	
2005	12	1,249,623	3,320	11,641.12	130.37	7,899	0	0	0	0	12.893	32.333	
2006	1	1,172,434	3,283	10,533.04	76.36	7,915	0	0	0	0	13.078	33.905	
2006	2	1,106,672	3,295	11,195.47	75.48	7,930	1	0	0	0	13.273	30.000	
2006	3	1,100,484	3,302	11,343.32	111.16	7,946	0	1	0	0	13.456	29.381	
2006	4	1,128,917	3,294	11,627.06	174.99	7,964	0	0	0	0	13.637	29.476	
2006	5	1,172,731	3,306	12,034.47	264.39	7,978	0	0	0	0	13.824	29.476	
2006	6	1,268,078	3,314	12,477.34	342.97	7,991	0	0	0	0	14.013	30.667	
2006	7	1,306,032	3,313	12,854.67	380.03	8,004	0	0	0	0	14.203	30.667	
2006	8	1,301,213	3,318	13,261.91	411.67	8,013	0	0	0	0	14.396	29.571	
2006	9	1,331,512	3,290	13,258.91	383.67	8,019	0	0	0	0	14.590	30.524	
2006	10	1,275,204	3,268	13,174.29	352.17	8,017	0	0	1	0	14.792	29.619	
2006	11	1,205,475	3,258	12,353.25	231.05	8,023	0	0	0	1	14.981	29.952	
2006	12	1,191,158	3,270	11,316.20	142.14	8,029	0	0	0	0	15.180	32.190	
2007	1	1,315,668	3,280	11,830.65	158.18	8,046	0	0	0	0	15.180	33.905	
2007	2	1,132,900	3,289	11,500.11	83.44	8,050	1	0	0	0	15.180	29.952	
2007	3	1,121,084	3,292	11,553.40	124.26	8,049	0	1	0	0	15.180	29.476	
2007	4	1,127,021	3,287	11,669.86	172.12	8,043	0	0	0	0	15.180	29.381	
2007	5	1,193,916	3,280	12,328.91	243.54	8,034	0	0	0	0	15.180	29.524	
2007	6	1,249,481	3,292	12,395.92	312.08	8,021	0	0	0	0	15.180	30.619	
2007	7	1,315,351	3,331	12,836.67	389.87	7,999	0	0	0	0	15.180	30.762	
2007	8	1,321,227	3,357	13,352.35	423.74	7,983	0	0	0	0	15.180	29.476	
2007	9	1,368,569	3,365	13,303.69	421.81	7,967	0	0	0	0	15.180	30.571	
2007	10	1,352,592	3,359	13,573.23	366.29	7,955	0	0	1	0	15.180	29.667	
2007	11	1,261,529	3,362	12,527.77	258.47	7,940	0	0	0	1	15.180	29.952	
2007	12	1,230,712	3,346	11,392.43	173.77	7,923	0	0	0	0	15.180	32.286	
2008	1	1,280,652	3,363	11,391.50	125.57	7,912	0	0	0	0	15.180	33.429	
2008	2	1,167,185	3,378	11,391.07	125.50	7,888	1	0	0	0	15.180	30.333	
2008	3	1,145,474	3,368	11,575.68	149.44	7,858	0	1	0	0	15.180	29.381	
2008	4	1,150,545	3,377	11,595.94	190.00	7,813	0	0	0	0	15.180	29.381	
2008	5	1,211,656	3,390	12,086.86	259.03	7,777	0	0	0	0	15.180	29.571	
2008	6	1,308,903	3,425	12,461.65	366.17	7,742	0	0	0	0	15.180	30.667	
2008	7	1,320,994	3,416	12,629.67	373.52	7,711	0	0	0	0	15.180	30.619	
2008	8	1,267,874	3,396	12,645.42	399.25	7,672	0	0	0	0	15.204	29.524	
2008	9	1,396,475	3,403	13,360.87	413.95	7,630	0	0	0	0	15.240	30.714	
2008	10	1,221,917	3,407	12,147.71	347.57	7,584	0	0	1	0	15.295	29.524	

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Year	Month	Large Commercial Use				Indicator Variable for February	Indicator Variable for March	Indicator Variable for October	Indicator Variable for November	Indicator Variable for March-May 2020	Real Electric Price Increase 12 Month Average Cents / kWh	Bill Days	
		Large Commercial Sales (MWh)	Large Commercial Customers	Per Customer per Bill Day (kWh)	Bill Day Cooling Degree Hours Base - 66								Florida Employment (1,000's)
2008	11	1,227,502	3,385	12,342.32	199.09	7,535	0	0	0	1	0	15.357	29.381
2008	12	1,224,807	3,399	10,982.73	99.66	7,482	0	0	0	0	0	15.427	32.810
2009	1	1,205,262	3,390	10,575.40	97.70	7,413	0	0	0	0	0	15.494	33.619
2009	2	1,080,091	3,398	10,528.68	58.05	7,362	1	0	0	0	0	15.577	30.190
2009	3	1,065,010	3,390	10,692.70	96.60	7,318	0	1	0	0	0	15.643	29.381
2009	4	1,124,654	3,398	11,264.94	197.06	7,281	0	0	0	0	0	15.718	29.381
2009	5	1,192,752	3,381	11,872.55	272.32	7,248	0	0	0	0	0	15.782	29.714
2009	6	1,274,143	3,408	12,248.34	339.50	7,219	0	0	0	0	0	15.834	30.524
2009	7	1,321,669	3,443	12,517.41	409.81	7,196	0	0	0	0	0	15.896	30.667
2009	8	1,302,464	3,459	12,774.58	428.73	7,176	0	0	0	0	0	15.896	29.476
2009	9	1,367,081	3,428	13,065.08	406.92	7,160	0	0	0	0	0	15.896	30.524
2009	10	1,321,216	3,419	13,005.10	385.69	7,149	0	0	1	0	0	15.896	29.714
2009	11	1,240,393	3,409	12,304.57	294.39	7,140	0	0	0	1	0	15.896	29.571
2009	12	1,267,309	3,393	11,450.59	168.58	7,135	0	0	0	0	0	15.896	32.619
2010	1	1,190,236	3,417	10,317.15	77.05	7,128	0	0	0	0	0	15.896	33.762
2010	2	1,075,516	3,415	10,481.19	61.19	7,132	1	0	0	0	0	15.896	30.048
2010	3	1,038,141	3,415	10,346.63	40.89	7,142	0	1	0	0	0	15.896	29.381
2010	4	1,086,887	3,418	10,822.95	140.03	7,174	0	0	0	0	0	15.896	29.381
2010	5	1,210,298	3,434	11,937.59	285.91	7,185	0	0	0	0	0	15.896	29.524
2010	6	1,344,423	3,444	12,709.73	392.65	7,190	0	0	0	0	0	15.896	30.714
2010	7	1,348,415	3,431	12,855.63	440.07	7,181	0	0	0	0	0	15.896	30.571
2010	8	1,331,990	3,419	13,131.92	447.78	7,183	0	0	0	0	0	15.896	29.667
2010	9	1,363,807	3,431	13,042.90	422.70	7,187	0	0	0	0	0	15.896	30.476
2010	10	1,290,184	3,401	12,787.08	336.78	7,195	0	0	1	0	0	15.896	29.667
2010	11	1,196,237	3,433	11,707.96	232.89	7,200	0	0	0	1	0	15.896	29.762
2010	12	1,158,001	3,467	10,579.54	107.30	7,205	0	0	0	0	0	15.896	31.571
2011	1	1,146,672	3,473	10,077.76	40.97	7,209	0	0	0	0	0	15.896	32.762
2011	2	1,087,571	3,492	10,739.53	71.46	7,215	1	0	0	0	0	15.896	29.000
2011	3	1,115,425	3,494	10,883.31	130.57	7,223	0	1	0	0	0	15.896	29.333
2011	4	1,253,956	3,499	11,578.43	230.17	7,233	0	0	0	0	0	15.896	30.952
2011	5	1,255,538	3,497	12,160.71	320.68	7,242	0	0	0	0	0	15.896	29.524
2011	6	1,344,068	3,472	12,354.91	376.38	7,251	0	0	0	0	0	15.896	31.333
2011	7	1,312,713	3,455	12,370.45	405.78	7,260	0	0	0	0	0	15.896	30.714
2011	8	1,346,323	3,460	12,970.36	442.62	7,269	0	0	0	0	0	15.896	30.000
2011	9	1,432,741	3,446	12,896.87	406.83	7,277	0	0	0	0	0	15.896	32.238
2011	10	1,286,944	3,412	12,713.85	339.52	7,282	0	0	1	0	0	15.896	29.667
2011	11	1,165,765	3,407	11,779.39	213.05	7,293	0	0	0	1	0	15.896	29.048
2011	12	1,169,301	3,371	11,310.88	165.31	7,305	0	0	0	0	0	15.896	30.667
2012	1	1,171,930	3,347	10,641.04	98.92	7,323	0	0	0	0	0	15.896	32.905
2012	2	1,097,766	3,341	11,274.55	115.31	7,338	1	0	0	0	0	15.896	29.143
2012	3	1,139,870	3,355	11,434.09	169.24	7,354	0	1	0	0	0	15.896	29.714
2012	4	1,200,258	3,376	11,647.45	212.75	7,373	0	0	0	0	0	15.896	30.524
2012	5	1,235,811	3,392	12,106.03	249.56	7,386	0	0	0	0	0	15.896	30.095
2012	6	1,306,982	3,399	12,234.55	345.55	7,397	0	0	0	0	0	15.896	31.429
2012	7	1,342,817	3,434	12,711.65	390.81	7,399	0	0	0	0	0	15.896	30.762
2012	8	1,335,834	3,420	12,697.31	410.95	7,410	0	0	0	0	0	15.896	30.762
2012	9	1,337,985	3,389	12,974.54	394.15	7,425	0	0	0	0	0	15.896	30.429
2012	10	1,316,917	3,355	12,960.57	351.50	7,447	0	0	1	0	0	15.896	30.286
2012	11	1,157,123	3,328	11,534.79	187.19	7,463	0	0	0	1	0	15.896	30.143
2012	12	1,133,645	3,328	11,159.69	127.30	7,479	0	0	0	0	0	15.896	30.524
2013	1	1,167,696	3,328	11,030.19	127.33	7,491	0	0	0	0	0	15.896	31.810

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		Commercial Sales (MWh)	Large Commercial Customers	Per Customer per Bill Day (kWh)	Bill Day Cooling Degree Hours Base - 66	for March-May 2020						Increase 12 Month Average Cents / kWh		
2013	2	1,102,834	3,320	11,196.92	113.86	7,507	1	0	0	0	0	15.896	29.667	
2013	3	1,053,803	3,324	11,077.56	98.05	7,522	0	1	0	0	0	15.896	28.619	
2013	4	1,141,368	3,324	11,320.08	162.33	7,539	0	0	0	0	0	15.896	30.333	
2013	5	1,255,414	3,318	12,186.44	252.78	7,557	0	0	0	0	0	15.896	31.048	
2013	6	1,255,680	3,315	12,487.63	323.64	7,574	0	0	0	0	0	15.896	30.333	
2013	7	1,265,589	3,301	12,679.27	385.18	7,594	0	0	0	0	0	15.896	30.238	
2013	8	1,331,441	3,292	13,046.69	406.21	7,612	0	0	0	0	0	15.896	31.000	
2013	9	1,385,413	3,294	13,241.82	396.71	7,631	0	0	0	0	0	15.896	31.762	
2013	10	1,254,153	3,272	13,045.80	348.35	7,648	0	0	1	0	0	15.896	29.381	
2013	11	1,193,871	3,258	12,472.10	274.82	7,667	0	0	0	1	0	15.896	29.381	
2013	12	1,204,120	3,253	11,885.71	188.17	7,685	0	0	0	0	0	15.896	31.143	
2014	1	1,179,471	3,258	11,130.95	132.45	7,701	0	0	0	0	0	15.929	32.524	
2014	2	1,098,324	3,261	11,389.74	106.58	7,722	1	0	0	0	0	15.965	29.571	
2014	3	1,097,824	3,262	11,701.18	138.22	7,744	0	1	0	0	0	15.985	28.762	
2014	4	1,126,278	3,255	11,682.19	182.22	7,773	0	0	0	0	0	16.021	29.619	
2014	5	1,248,657	3,258	12,478.31	284.79	7,797	0	0	0	0	0	16.059	30.714	
2014	6	1,244,086	3,270	12,405.99	334.84	7,819	0	0	0	0	0	16.092	30.667	
2014	7	1,297,088	3,272	12,906.84	376.78	7,837	0	0	0	0	0	16.123	30.714	
2014	8	1,337,700	3,294	13,180.85	413.08	7,859	0	0	0	0	0	16.157	30.810	
2014	9	1,372,232	3,310	13,435.25	405.80	7,882	0	0	0	0	0	16.197	30.857	
2014	10	1,265,870	3,294	12,953.64	334.08	7,908	0	0	1	0	0	16.234	29.667	
2014	11	1,169,966	3,292	11,846.56	199.94	7,932	0	0	0	1	0	16.271	30.000	
2014	12	1,137,174	3,299	11,292.84	130.20	7,955	0	0	0	0	0	16.320	30.524	
2015	1	1,165,617	3,300	10,972.89	124.40	7,975	0	0	0	0	0	16.320	32.190	
2015	2	1,049,229	3,291	10,694.99	64.55	7,998	1	0	0	0	0	16.320	29.810	
2015	3	1,114,081	3,300	11,527.70	158.01	8,020	0	1	0	0	0	16.320	29.286	
2015	4	1,207,818	3,296	12,138.11	243.78	8,042	0	0	0	0	0	16.320	30.190	
2015	5	1,276,287	3,298	12,599.73	310.44	8,066	0	0	0	0	0	16.320	30.714	
2015	6	1,286,855	3,297	12,826.94	366.92	8,092	0	0	0	0	0	16.320	30.429	
2015	7	1,323,444	3,306	12,973.26	418.41	8,119	0	0	0	0	0	16.320	30.857	
2015	8	1,355,175	3,306	13,243.53	415.17	8,146	0	0	0	0	0	16.320	30.952	
2015	9	1,348,117	3,272	13,519.37	404.47	8,174	0	0	0	0	0	16.320	30.476	
2015	10	1,267,643	3,244	13,171.72	342.43	8,207	0	0	1	0	0	16.320	29.667	
2015	11	1,256,166	3,245	13,048.44	309.64	8,233	0	0	0	1	0	16.320	29.667	
2015	12	1,241,196	3,247	12,274.33	216.14	8,256	0	0	0	0	0	16.320	31.143	
2016	1	1,189,305	3,248	11,375.13	157.35	8,272	0	0	0	0	0	16.320	32.190	
2016	2	1,029,128	3,248	10,980.00	64.21	8,292	1	0	0	0	0	16.320	28.857	
2016	3	1,141,179	3,241	11,393.21	123.94	8,313	0	1	0	0	0	16.320	30.905	
2016	4	1,186,956	3,252	11,920.46	215.68	8,332	0	0	0	0	0	16.320	30.619	
2016	5	1,191,626	3,240	12,457.18	266.32	8,355	0	0	0	0	0	16.320	29.524	
2016	6	1,295,286	3,258	12,944.29	359.65	8,378	0	0	0	0	0	16.320	30.714	
2016	7	1,378,313	3,270	13,310.46	428.33	8,409	0	0	0	0	0	16.320	31.667	
2016	8	1,379,161	3,288	13,614.18	437.63	8,431	0	0	0	0	0	16.320	30.810	
2016	9	1,398,552	3,277	13,724.98	415.71	8,450	0	0	0	0	0	16.320	31.095	
2016	10	1,271,727	3,273	13,097.07	365.25	8,462	0	0	1	0	0	16.320	29.667	
2016	11	1,145,515	3,249	12,137.66	235.48	8,478	0	0	0	1	0	16.320	29.048	
2016	12	1,183,934	3,236	11,930.20	177.80	8,494	0	0	0	0	0	16.320	30.667	
2017	1	1,193,108	3,230	11,458.01	168.59	8,510	0	0	0	0	0	16.335	32.238	
2017	2	1,052,157	3,214	11,438.79	119.60	8,526	1	0	0	0	0	16.347	28.619	
2017	3	1,094,485	3,208	11,555.81	140.84	8,541	0	1	0	0	0	16.385	29.524	
2017	4	1,146,169	3,201	11,749.11	198.42	8,564	0	0	0	0	0	16.455	30.476	

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Year	Month	Large	Large Commercial Use			Florida	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Real Electric Price	Bill Days
		Commercial	Large Commercial	Per Customer per Bill	Bill Day Cooling						for March-May	Increase 12 Month	
		Sales	Customers	Day	Degree Hours	Employment	for February	for March	for October	for November	2020	Average	
		(MWh)		(kWh)	Base - 66	(1,000's)						Cents / kWh	
2017	5	1,230,848	3,209	12,488.16	291.47	8,571	0	0	0	0	0	16.515	30.714
2017	6	1,318,089	3,208	13,033.74	370.07	8,570	0	0	0	0	0	16.575	31.524
2017	7	1,305,750	3,196	13,158.90	429.91	8,532	0	0	0	0	0	16.637	31.048
2017	8	1,313,826	3,170	13,837.34	448.60	8,538	0	0	0	0	0	16.700	29.952
2017	9	1,276,414	3,165	13,171.25	432.54	8,558	0	0	0	0	0	16.772	30.619
2017	10	1,265,967	3,139	13,400.99	388.34	8,619	0	0	1	0	0	16.835	30.095
2017	11	1,165,065	3,143	12,515.13	250.94	8,648	0	0	0	1	0	16.897	29.619
2017	12	1,141,398	3,140	11,798.20	175.57	8,672	0	0	0	0	0	16.960	30.810
2018	1	1,114,454	3,146	11,004.81	84.50	8,685	0	0	0	0	0	16.978	32.190
2018	2	1,055,038	3,156	11,232.31	132.86	8,704	1	0	0	0	0	16.984	29.762
2018	3	1,079,445	3,155	11,701.82	158.94	8,721	0	1	0	0	0	16.984	29.238
2018	4	1,098,850	3,151	11,680.03	178.47	8,736	0	0	0	0	0	16.984	29.857
2018	5	1,196,526	3,138	12,357.07	251.35	8,754	0	0	0	0	0	16.984	30.857
2018	6	1,243,079	3,154	12,851.85	326.25	8,772	0	0	0	0	0	16.984	30.667
2018	7	1,274,550	3,155	13,132.37	388.79	8,795	0	0	0	0	0	16.984	30.762
2018	8	1,319,918	3,152	13,466.98	404.73	8,813	0	0	0	0	0	16.984	31.095
2018	9	1,287,806	3,091	13,843.86	397.18	8,830	0	0	0	0	0	16.984	30.095
2018	10	1,292,201	3,088	13,992.94	398.21	8,845	0	0	1	0	0	16.984	29.905
2018	11	1,209,625	3,092	12,958.30	277.81	8,860	0	0	0	1	0	16.984	30.190
2018	12	1,112,681	3,095	11,777.92	152.86	8,875	0	0	0	0	0	16.984	30.524
2019	1	1,113,335	3,090	11,209.36	110.93	8,890	0	0	0	0	0	16.984	32.143
2019	2	1,021,854	3,079	11,444.09	98.24	8,902	1	0	0	0	0	16.984	29.000
2019	3	1,096,459	3,085	12,136.04	179.48	8,912	0	1	0	0	0	16.984	29.286
2019	4	1,137,552	3,091	12,000.54	186.27	8,917	0	0	0	0	0	16.984	30.667
2019	5	1,176,042	3,098	12,754.97	293.27	8,928	0	0	0	0	0	16.991	29.762
2019	6	1,252,391	3,105	13,173.08	384.14	8,942	0	0	0	0	0	16.997	30.619
2019	7	1,290,778	3,138	13,413.04	423.77	8,962	0	0	0	0	0	17.005	30.667
2019	8	1,312,572	3,151	13,499.60	411.90	8,976	0	0	0	0	0	17.024	30.857
2019	9	1,339,232	3,168	13,574.07	428.65	8,990	0	0	0	0	0	17.024	31.143
2019	10	1,290,544	3,127	13,500.05	394.54	9,002	0	0	1	0	0	17.024	30.571
2019	11	1,210,501	3,128	13,107.60	322.02	9,013	0	0	0	1	0	17.024	29.524
2019	12	1,109,161	3,116	11,553.28	152.20	9,023	0	0	0	0	0	17.024	30.810
2020	1	1,132,605	3,121	11,323.58	158.64	9,169	0	0	0	0	0	17.024	32.048
2020	2	1,057,655	3,116	11,552.61	133.32	9,074	1	0	0	0	0	17.024	29.381
2020	3	1,072,494	3,116	11,695.58	178.79	8,875	0	1	0	0	1	17.024	29.429
2020	4	1,092,825	3,111	11,419.21	286.90	8,240	0	0	0	0	1	17.024	30.762
2020	5	1,060,345	3,119	11,085.63	300.94	8,082	0	0	0	0	1	17.024	30.667
2020	6	1,158,796	3,114	12,059.65	349.21	8,069	0	0	0	0	0	17.024	30.857
2020	7	1,210,033	3,084	12,754.64	433.92	8,437	0	0	0	0	0	17.024	30.762
2020	8	1,255,813	3,078	13,182.38	414.77	8,537	0	0	0	0	0	17.024	30.952
2020	9	1,243,458	3,078	13,256.56	405.85	8,604	0	0	0	0	0	17.024	30.476
2020	10	1,203,497	3,078	13,180.41	356.87	8,607	0	0	1	0	0	17.024	29.667
2020	11	1,166,025	3,078	12,489.65	248.81	8,634	0	0	0	1	0	17.024	30.333
2020	12	1,065,977	3,078	11,544.74	149.74	8,653	0	0	0	0	0	17.024	30.000
2021	1	1,091,339	3,078	11,197.22	99.07	8,654	0	0	0	0	0	17.024	31.667
2021	2	1,036,642	3,078	11,316.81	85.78	8,665	1	0	0	0	0	17.026	29.762
2021	3	1,062,374	3,078	11,616.46	129.79	8,675	0	1	0	0	0	17.026	29.714
2021	4	1,110,573	3,078	11,821.25	188.17	8,684	0	0	0	0	0	17.026	30.524
2021	5	1,157,000	3,078	12,353.88	265.04	8,696	0	0	0	0	0	17.026	30.429
2021	6	1,216,223	3,078	12,925.91	347.59	8,709	0	0	0	0	0	17.026	30.571
2021	7	1,264,875	3,078	13,256.95	395.14	8,720	0	0	0	0	0	17.026	31.000

Year	Month	Large	Large Commercial Use				Florida	Indicator Variable for February	Indicator Variable for March	Indicator Variable for October	Indicator Variable for November	Indicator Variable for March-May 2020	Real Electric Price	Bill Days
		Commercial Sales (MWh)	Large Commercial Customers	Per Customer per Bill Day (kWh)	Bill Day Cooling Degree Hours Base - 66	Employment (1,000's)							Increase 12 Month Average Cents / kWh	
2021	8	1,282,287	3,078	13,398.37	414.77	8,737	0	0	0	0	0	17.026	31.095	
2021	9	1,259,580	3,078	13,344.80	405.85	8,757	0	0	0	0	0	17.026	30.667	
2021	10	1,208,319	3,078	13,254.66	356.87	8,782	0	0	1	0	0	17.026	29.619	
2021	11	1,150,324	3,078	12,557.86	248.81	8,806	0	0	0	1	0	17.026	29.762	
2021	12	1,091,123	3,078	11,614.22	149.74	8,831	0	0	0	0	0	17.026	30.524	
2022	1	1,116,097	3,078	11,273.42	99.07	8,858	0	0	0	0	0	17.090	32.167	
2022	2	1,025,499	3,078	11,395.74	85.78	8,884	1	0	0	0	0	17.155	29.238	
2022	3	1,066,157	3,078	11,698.24	129.79	8,911	0	1	0	0	0	17.221	29.611	
2022	4	1,115,094	3,078	11,906.62	188.17	8,937	0	0	0	0	0	17.286	30.429	
2022	5	1,163,109	3,078	12,442.00	265.04	8,965	0	0	0	0	0	17.352	30.373	
2022	6	1,233,991	3,078	13,016.54	347.59	8,993	0	0	0	0	0	17.419	30.802	
2022	7	1,272,270	3,078	13,351.47	395.14	9,022	0	0	0	0	0	17.485	30.961	
2022	8	1,277,897	3,078	13,493.69	414.77	9,050	0	0	0	0	0	17.552	30.770	
2022	9	1,267,837	3,078	13,439.44	405.85	9,077	0	0	0	0	0	17.619	30.651	
2022	10	1,229,434	3,078	13,346.75	356.87	9,104	0	0	1	0	0	17.686	29.929	
2022	11	1,157,214	3,078	12,646.60	248.81	9,129	0	0	0	1	0	17.754	29.730	
2022	12	1,103,897	3,078	11,698.45	149.74	9,151	0	0	0	0	0	17.821	30.659	
2023	1	1,124,211	3,078	11,355.37	99.07	9,167	0	0	0	0	0	17.847	32.167	
2023	2	1,032,875	3,078	11,477.71	85.78	9,188	1	0	0	0	0	17.874	29.238	
2023	3	1,073,659	3,078	11,780.56	129.79	9,211	0	1	0	0	0	17.900	29.611	
2023	4	1,122,971	3,078	11,990.73	188.17	9,237	0	0	0	0	0	17.925	30.429	
2023	5	1,170,984	3,078	12,526.25	265.04	9,259	0	0	0	0	0	17.951	30.373	
2023	6	1,241,939	3,078	13,100.38	347.59	9,281	0	0	0	0	0	17.977	30.802	
2023	7	1,280,047	3,078	13,433.08	395.14	9,299	0	0	0	0	0	18.002	30.961	
2023	8	1,285,576	3,078	13,574.77	414.77	9,320	0	0	0	0	0	18.027	30.770	
2023	9	1,275,476	3,078	13,520.41	405.85	9,341	0	0	0	0	0	18.052	30.651	
2023	10	1,236,897	3,078	13,427.76	356.87	9,363	0	0	1	0	0	18.077	29.929	
2023	11	1,164,714	3,078	12,728.57	248.81	9,384	0	0	0	1	0	18.102	29.730	
2023	12	1,111,789	3,078	11,782.08	149.74	9,405	0	0	0	0	0	18.125	30.659	

Large Industrial

Year Month Customers Model Ouput

2016	1	183
2016	2	182
2016	3	182
2016	4	181
2016	5	181
2016	6	182
2016	7	180
2016	8	179
2016	9	180
2016	10	180
2016	11	180
2016	12	179
2017	1	179
2017	2	178
2017	3	178
2017	4	178
2017	5	179
2017	6	181
2017	7	180
2017	8	179
2017	9	175
2017	10	178
2017	11	175
2017	12	176
2018	1	174
2018	2	172
2018	3	172
2018	4	169
2018	5	169
2018	6	170
2018	7	169
2018	8	171
2018	9	174
2018	10	173
2018	11	172
2018	12	171
2019	1	170
2019	2	170
2019	3	170
2019	4	173
2019	5	174
2019	6	172
2019	7	169

Large Industrial

Year	Month	Customers	Model	Ouput
2019	8			168
2019	9			173
2019	10			171
2019	11			171
2019	12			170
2020	1			172
2020	2			170
2020	3			167
2020	4			166
2020	5			166
2020	6			167
2020	7			167
2020	8			167
2020	9			167
2020	10			167
2020	11			167
2020	12			167
2021	1			167
2021	2			167
2021	3			167
2021	4			167
2021	5			167
2021	6			167
2021	7			167
2021	8			167
2021	9			167
2021	10			167
2021	11			167
2021	12			167
2022	1			167
2022	2			167
2022	3			167
2022	4			167
2022	5			167
2022	6			167
2022	7			167
2022	8			167
2022	9			167
2022	10			167
2022	11			167
2022	12			167
2023	1			167
2023	2			167
2023	3			167

Large Industrial

Year	Month	Customers	Model	Ouput
2023	4			167
2023	5			167
2023	6			167
2023	7			167
2023	8			167
2023	9			167
2023	10			167
2023	11			167
2023	12			167

Year	Month	Large Industrial Sales (MWh)	Large Industrial Customers	Large Industrial Sales from Model (kWh)
2004	8	278,378	266	1,046,534
2004	9	274,076	266	1,030,361
2004	10	171,547	266	644,914
2004	11	364,532	263	1,386,053
2004	12	330,297	262	1,260,676
2005	1	304,576	262	1,162,504
2005	2	273,981	263	1,041,753
2005	3	283,975	262	1,083,874
2005	4	281,998	259	1,088,795
2005	5	265,094	258	1,027,496
2005	6	276,436	258	1,071,457
2005	7	263,928	259	1,019,027
2005	8	297,609	257	1,158,012
2005	9	252,694	259	975,653
2005	10	334,763	258	1,297,531
2005	11	287,788	257	1,119,798
2005	12	290,152	256	1,133,406
2006	1	276,934	257	1,077,564
2006	2	313,637	256	1,225,145
2006	3	278,164	256	1,086,578
2006	4	285,707	256	1,116,043
2006	5	289,068	254	1,138,063
2006	6	331,471	254	1,305,004
2006	7	297,571	251	1,185,542
2006	8	295,779	253	1,169,087
2006	9	284,614	252	1,129,421
2006	10	297,948	252	1,182,333
2006	11	304,174	250	1,216,696
2006	12	274,703	249	1,103,225
2007	1	301,129	249	1,209,353
2007	2	277,474	248	1,118,847
2007	3	280,275	248	1,130,141
2007	4	245,076	248	988,210
2007	5	289,180	250	1,156,720
2007	6	281,182	249	1,129,245
2007	7	273,132	250	1,092,528
2007	8	254,968	250	1,019,872
2007	9	277,808	246	1,129,301
2007	10	282,008	245	1,151,053
2007	11	263,430	241	1,093,071
2007	12	253,062	240	1,054,425
2008	1	295,019	239	1,234,389
2008	2	282,631	239	1,182,556
2008	3	249,583	238	1,048,668
2008	4	262,834	236	1,113,703
2008	5	256,751	234	1,097,226

Year	Month	Large Industrial Sales (MWh)	Large Industrial Customers	Large Industrial Sales from Model (kWh)
2008	6	285,500	234	1,220,085
2008	7	272,746	233	1,170,584
2008	8	245,437	232	1,057,918
2008	9	263,748	233	1,131,966
2008	10	254,448	235	1,082,757
2008	11	244,274	230	1,062,061
2008	12	257,654	230	1,120,235
2009	1	258,365	228	1,133,180
2009	2	242,042	227	1,066,264
2009	3	225,680	226	998,584
2009	4	234,922	224	1,048,759
2009	5	251,339	221	1,137,281
2009	6	251,962	220	1,145,282
2009	7	225,368	220	1,024,400
2009	8	239,709	221	1,084,656
2009	9	242,701	219	1,108,224
2009	10	230,456	217	1,062,009
2009	11	221,808	217	1,022,157
2009	12	260,124	218	1,193,229
2010	1	238,854	220	1,085,700
2010	2	233,012	219	1,063,982
2010	3	210,579	217	970,410
2010	4	234,912	215	1,092,614
2010	5	238,048	213	1,117,596
2010	6	247,976	211	1,175,242
2010	7	236,791	213	1,111,695
2010	8	239,218	215	1,112,642
2010	9	238,753	216	1,105,338
2010	10	224,657	214	1,049,799
2010	11	231,865	215	1,078,442
2010	12	230,026	215	1,069,888
2011	1	221,841	214	1,036,640
2011	2	219,784	213	1,031,850
2011	3	221,254	213	1,038,751
2011	4	250,379	213	1,175,488
2011	5	229,783	213	1,078,793
2011	6	253,402	212	1,195,292
2011	7	231,041	213	1,084,700
2011	8	242,291	214	1,132,201
2011	9	234,667	211	1,112,166
2011	10	224,059	209	1,072,053
2011	11	224,621	208	1,079,909
2011	12	222,026	208	1,067,433
2012	1	223,786	210	1,065,648
2012	2	223,026	208	1,072,240
2012	3	217,791	208	1,047,072

Year	Month	Large Industrial Sales (MWh)	Large Industrial Customers	Large Industrial Sales from Model (kWh)
2012	4	224,758	207	1,085,787
2012	5	227,080	207	1,097,005
2012	6	242,537	207	1,171,676
2012	7	224,973	207	1,086,826
2012	8	235,629	207	1,138,304
2012	9	204,772	205	998,888
2012	10	247,941	204	1,215,397
2012	11	228,441	203	1,125,325
2012	12	214,366	203	1,055,990
2013	1	222,128	201	1,105,114
2013	2	212,664	201	1,058,030
2013	3	210,575	200	1,052,875
2013	4	222,360	200	1,111,800
2013	5	236,759	200	1,183,795
2013	6	226,664	197	1,150,579
2013	7	221,487	197	1,124,299
2013	8	225,734	196	1,151,704
2013	9	228,634	195	1,172,482
2013	10	209,257	194	1,078,644
2013	11	207,266	193	1,073,917
2013	12	218,002	194	1,123,722
2014	1	218,215	194	1,124,820
2014	2	206,610	194	1,065,000
2014	3	197,498	194	1,018,031
2014	4	216,370	191	1,132,827
2014	5	227,478	192	1,184,781
2014	6	233,140	192	1,214,271
2014	7	222,941	193	1,155,135
2014	8	227,631	193	1,179,435
2014	9	228,316	193	1,182,984
2014	10	217,941	194	1,123,407
2014	11	211,628	194	1,090,866
2014	12	213,068	192	1,109,729
2015	1	223,443	192	1,163,766
2015	2	203,508	191	1,065,487
2015	3	216,673	190	1,140,384
2015	4	226,031	189	1,195,931
2015	5	238,717	188	1,269,771
2015	6	232,970	188	1,239,202
2015	7	228,881	187	1,223,963
2015	8	230,989	186	1,241,876
2015	9	229,500	184	1,247,283
2015	10	209,031	184	1,136,038
2015	11	229,449	185	1,240,265
2015	12	238,188	185	1,287,503
2016	1	224,214	183	1,225,213

Year	Month	Large Industrial Sales (MWh)	Large Industrial Customers	Large Industrial Sales from Model (kWh)
2016	2	199,803	182	1,097,819
2016	3	224,575	182	1,233,929
2016	4	231,704	181	1,280,133
2016	5	224,395	181	1,239,751
2016	6	226,994	182	1,247,220
2016	7	228,832	180	1,271,289
2016	8	242,580	179	1,355,196
2016	9	234,197	180	1,301,094
2016	10	218,831	180	1,215,728
2016	11	229,612	180	1,275,622
2016	12	231,931	179	1,295,704
2017	1	235,975	179	1,318,296
2017	2	207,221	178	1,164,163
2017	3	205,083	178	1,152,152
2017	4	213,694	178	1,200,528
2017	5	228,405	179	1,276,006
2017	6	234,498	181	1,295,569
2017	7	223,080	180	1,239,333
2017	8	222,796	179	1,244,670
2017	9	217,440	175	1,242,514
2017	10	210,553	178	1,182,882
2017	11	212,383	175	1,213,617
2017	12	216,776	176	1,231,682
2018	1	214,494	174	1,232,724
2018	2	221,631	172	1,288,552
2018	3	209,626	172	1,218,756
2018	4	215,120	169	1,272,899
2018	5	235,107	169	1,391,166
2018	6	235,551	170	1,385,594
2018	7	230,482	169	1,363,799
2018	8	236,878	171	1,385,251
2018	9	222,278	174	1,277,460
2018	10	233,093	174	1,347,358
2018	11	220,210	173	1,280,291
2018	12	220,513	172	1,289,550
2019	1	219,314	171	1,290,082
2019	2	204,426	171	1,202,506
2019	3	213,646	171	1,256,741
2019	4	228,299	174	1,319,647
2019	5	220,741	175	1,268,626
2019	6	237,210	173	1,379,128
2019	7	228,942	170	1,354,686
2019	8	240,298	169	1,430,345
2019	9	226,631	174	1,310,006
2019	10	226,836	172	1,326,526
2019	11	224,293	172	1,311,655

Year	Month	Large Industrial Sales (MWh)	Large Industrial Customers	Large Industrial Sales from Model (kWh)
2019	12	218,782	171	1,286,953
2020	1	220,431	173	1,281,576
2020	2	216,025	171	1,270,735
2020	3	222,838	168	1,334,359
2020	4	230,462	167	1,388,325
2020	5	236,476	167	1,424,554
2020	6	230,562	168	1,380,611
2020	7	222,590	168	1,332,874
2020	8	226,158	167	1,354,363
2020	9	219,740	167	1,315,933
2020	10	215,413	167	1,290,017
2020	11	221,706	167	1,327,704
2020	12	222,086	167	1,329,983
2021	1	223,139	167	1,336,288
2021	2	215,209	167	1,288,796
2021	3	213,087	167	1,276,091
2021	4	222,570	167	1,332,882
2021	5	228,115	167	1,366,087
2021	6	235,996	167	1,413,279
2021	7	226,107	167	1,354,062
2021	8	226,158	167	1,354,363
2021	9	219,740	167	1,315,933
2021	10	215,413	167	1,290,017
2021	11	221,706	167	1,327,704
2021	12	222,086	167	1,329,983
2022	1	223,139	167	1,336,288
2022	2	215,209	167	1,288,796
2022	3	213,087	167	1,276,091
2022	4	222,570	167	1,332,882
2022	5	228,115	167	1,366,087
2022	6	235,996	167	1,413,279
2022	7	226,107	167	1,354,062
2022	8	226,158	167	1,354,363
2022	9	219,740	167	1,315,933
2022	10	215,413	167	1,290,017
2022	11	221,706	167	1,327,704
2022	12	222,086	167	1,329,983
2023	1	223,139	167	1,336,288
2023	2	215,209	167	1,288,796
2023	3	213,087	167	1,276,091
2023	4	222,570	167	1,332,882
2023	5	228,115	167	1,366,087
2023	6	235,996	167	1,413,279
2023	7	226,107	167	1,354,062
2023	8	226,158	167	1,354,363
2023	9	219,740	167	1,315,933

Year	Month	Large Industrial Sales (MWh)	Large Industrial Customers	Large Industrial Sales from Model (kWh)
2023	10	215,413	167	1,290,017
2023	11	221,706	167	1,327,704
2023	12	222,086	167	1,329,983

Medium Industrial

Year Month Customers Model Ouput

2013	1	1,234
2013	2	1,231
2013	3	1,226
2013	4	1,225
2013	5	1,234
2013	6	1,237
2013	7	1,235
2013	8	1,239
2013	9	1,235
2013	10	1,241
2013	11	1,236
2013	12	1,233
2014	1	1,236
2014	2	1,239
2014	3	1,235
2014	4	1,231
2014	5	1,226
2014	6	1,223
2014	7	1,242
2014	8	1,249
2014	9	1,240
2014	10	1,252
2014	11	1,260
2014	12	1,253
2015	1	1,272
2015	2	1,278
2015	3	1,291
2015	4	1,291
2015	5	1,297
2015	6	1,302
2015	7	1,317
2015	8	1,323
2015	9	1,327
2015	10	1,344
2015	11	1,346
2015	12	1,343
2016	1	1,350
2016	2	1,356
2016	3	1,343
2016	4	1,337
2016	5	1,332
2016	6	1,356
2016	7	1,377

Medium Industrial

Year	Month	Customers	Model Ouput
2016	8		1,372
2016	9		1,380
2016	10		1,365
2016	11		1,364
2016	12		1,345
2017	1		1,325
2017	2		1,324
2017	3		1,315
2017	4		1,303
2017	5		1,303
2017	6		1,326
2017	7		1,322
2017	8		1,328
2017	9		1,382
2017	10		1,343
2017	11		1,351
2017	12		1,350
2018	1		1,363
2018	2		1,360
2018	3		1,346
2018	4		1,339
2018	5		1,338
2018	6		1,340
2018	7		1,338
2018	8		1,333
2018	9		1,295
2018	10		1,289
2018	11		1,275
2018	12		1,271
2019	1		1,261
2019	2		1,260
2019	3		1,261
2019	4		1,258
2019	5		1,243
2019	6		1,219
2019	7		1,209
2019	8		1,233
2019	9		1,215
2019	10		1,202
2019	11		1,201
2019	12		1,202
2020	1		1,211
2020	2		1,209
2020	3		1,195

Medium Industrial

Year	Month	Customers	Model	Ouput
2020	4			1,193
2020	5			1,184
2020	6			1,194
2020	7			1,202
<hr/>				
2020	8			1,202
2020	9			1,202
2020	10			1,202
2020	11			1,202
2020	12			1,202
2021	1			1,202
2021	2			1,202
2021	3			1,202
2021	4			1,202
2021	5			1,202
2021	6			1,202
2021	7			1,202
2021	8			1,202
2021	9			1,202
2021	10			1,202
2021	11			1,202
2021	12			1,202
2022	1			1,202
2022	2			1,202
2022	3			1,202
2022	4			1,202
2022	5			1,202
2022	6			1,202
2022	7			1,202
2022	8			1,202
2022	9			1,202
2022	10			1,202
2022	11			1,202
2022	12			1,202
2023	1			1,202
2023	2			1,202
2023	3			1,202
2023	4			1,202
2023	5			1,202
2023	6			1,202
2023	7			1,202
2023	8			1,202
2023	9			1,202
2023	10			1,202
2023	11			1,202

Medium Industrial

Year	Month	Customers	Model Ouput
2023	12		1,202

Year	Month	Medium Industrial Sales (MWh)	Medium Industrial Customers	Medium Industrial Sales from Model (MWh)	Bill Days
2018	8	21,690	1,333	523	31.095
2018	9	20,186	1,295	518	30.095
2018	10	20,623	1,289	535	29.905
2018	11	19,940	1,275	518	30.190
2018	12	19,080	1,271	492	30.524
2019	1	19,641	1,261	485	32.143
2019	2	17,959	1,260	491	29.000
2019	3	17,328	1,261	469	29.286
2019	4	19,424	1,258	503	30.667
2019	5	18,866	1,243	510	29.762
2019	6	20,307	1,219	544	30.619
2019	7	20,296	1,209	547	30.667
2019	8	20,581	1,233	541	30.857
2019	9	19,938	1,215	527	31.143
2019	10	19,887	1,202	541	30.571
2019	11	18,965	1,201	535	29.524
2019	12	18,089	1,202	488	30.810
2020	1	17,998	1,211	464	32.048
2020	2	16,913	1,209	476	29.381
2020	3	17,482	1,195	497	29.429
2020	4	18,220	1,193	496	30.762
2020	5	17,823	1,184	491	30.667
2020	6	18,751	1,194	509	30.857
2020	7	19,005	1,202	514	30.762
2020	8	20,408	1,202	549	30.952
2020	9	17,292	1,202	472	30.476
2020	10	17,757	1,202	498	29.667
2020	11	18,893	1,202	518	30.333
2020	12	16,127	1,202	447	30.000
2021	1	16,447	1,202	432	31.667
2021	2	17,071	1,202	477	29.762
2021	3	19,010	1,202	532	29.714
2021	4	16,137	1,202	440	30.524
2021	5	16,892	1,202	462	30.429
2021	6	17,940	1,202	488	30.571
2021	7	19,239	1,202	516	31.000
2021	8	20,502	1,202	549	31.095
2021	9	17,400	1,202	472	30.667
2021	10	17,728	1,202	498	29.619
2021	11	18,537	1,202	518	29.762
2021	12	16,409	1,202	447	30.524
2022	1	16,706	1,202	432	32.167
2022	2	16,770	1,202	477	29.238
2022	3	18,945	1,202	532	29.611
2022	4	16,086	1,202	440	30.429
2022	5	16,861	1,202	462	30.373
2022	6	18,075	1,202	488	30.802
2022	7	19,214	1,202	516	30.961
2022	8	20,287	1,202	549	30.770

Year	Month	Medium Industrial Sales (MWh)	Medium Industrial Customers	Medium Industrial Sales from Model (MWh)	Bill Days
2022	9	17,391	1,202	472	30.651
2022	10	17,914	1,202	498	29.929
2022	11	18,517	1,202	518	29.730
2022	12	16,481	1,202	447	30.659
2023	1	16,706	1,202	432	32.167
2023	2	16,770	1,202	477	29.238
2023	3	18,945	1,202	532	29.611
2023	4	16,086	1,202	440	30.429
2023	5	16,861	1,202	462	30.373
2023	6	18,075	1,202	488	30.802
2023	7	19,214	1,202	516	30.961
2023	8	20,287	1,202	549	30.770
2023	9	17,391	1,202	472	30.651
2023	10	17,914	1,202	498	29.929
2023	11	18,517	1,202	518	29.730
2023	12	16,481	1,202	447	30.659

Year	Month	Metro Customers from Model
1984	1	0
1984	2	0
1984	3	0
1984	4	0
1984	5	0
1984	6	0
1984	7	11
1984	8	11
1984	9	11
1984	10	11
1984	11	11
1984	12	11
1985	1	16
1985	2	16
1985	3	16
1985	4	16
1985	5	16
1985	6	21
1985	7	21
1985	8	21
1985	9	21
1985	10	21
1985	11	21
1985	12	21
1986	1	21
1986	2	21
1986	3	21
1986	4	21
1986	5	22
1986	6	22
1986	7	22
1986	8	22
1986	9	22
1986	10	22
1986	11	22
1986	12	22
1987	1	22
1987	2	22
1987	3	22
1987	4	22
1987	5	22
1987	6	22
1987	7	22
1987	8	22

Year	Month	Metro Customers from Model
1987	9	22
1987	10	22
1987	11	22
1987	12	22
1988	1	22
1988	2	22
1988	3	22
1988	4	22
1988	5	22
1988	6	22
1988	7	22
1988	8	22
1988	9	22
1988	10	22
1988	11	22
1988	12	22
1989	1	22
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1990	12	23
1991	1	23
1991	2	23
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1991	4	23
1991	5	23

Year	Month	Metro Customers from Model
1991	6	23
1991	7	23
1991	8	23
1991	9	23
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1991	12	23
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1995	1	23
1995	2	23

Year	Month	Metro Customers from Model
1995	3	23
1995	4	23
1995	5	23
1995	6	23
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Year	Month	Metro Customers from Model
1998	12	23
1999	1	23
1999	2	23
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Year	Month	Metro Customers from Model
2002	9	23
2002	10	23
2002	11	23
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Year	Month	Metro Customers from Model
2006	6	23
2006	7	23
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2009	10	23
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2009	12	23
2010	1	23
2010	2	23

Year	Month	Metro Customers from Model
2010	3	23
2010	4	23
2010	5	23
2010	6	23
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2012	12	26
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2013	2	26
2013	3	26
2013	4	26
2013	5	26
2013	6	26
2013	7	26
2013	8	26
2013	9	26
2013	10	26
2013	11	27

Year	Month	Metro Customers from Model
2013	12	27
2014	1	27
2014	2	27
2014	3	27
2014	4	27
2014	5	27
2014	6	27
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2016	12	27
2017	1	27
2017	2	27
2017	3	27
2017	4	27
2017	5	27
2017	6	27
2017	7	27
2017	8	27

Year	Month	Metro Customers from Model
2017	9	27
2017	10	27
2017	11	27
2017	12	27
2018	1	27
2018	2	27
2018	3	27
2018	4	27
2018	5	27
2018	6	27
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2019	2	27
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2020	10	27
2020	11	27
2020	12	27
2021	1	27
2021	2	27
2021	3	27
2021	4	27
2021	5	27

Year	Month	Metro Customers from Model
2021	6	27
2021	7	27
2021	8	27
2021	9	27
2021	10	27
2021	11	27
2021	12	27
2022	1	27
2022	2	27
2022	3	27
2022	4	27
2022	5	27
2022	6	27
2022	7	27
2022	8	27
2022	9	27
2022	10	27
2022	11	27
2022	12	27
2023	1	27
2023	2	27
2023	3	27
2023	4	27
2023	5	27
2023	6	27
2023	7	27
2023	8	27
2023	9	27
2023	10	27
2023	11	27
2023	12	27

Year	Month	Metro Sales from Model Output (kWh)	Indicator Variable for January	Indicator Variable for February	Indicator Variable for March	Indicator Variable for June	Indicator Variable for July	Indicator Variable for August	Indicator Variable for September	Indicator Variable for October	Bill Days
2005	8	7,723	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	29.667
2005	9	8,198	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.476
2005	10	8,025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.667
2005	11	6,849	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.762
2005	12	8,573	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.333
2006	1	8,225	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.905
2006	2	7,974	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	30.000
2006	3	7,720	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.381
2006	4	7,428	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.476
2006	5	7,522	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.476
2006	6	8,091	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.667
2006	7	7,929	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.667
2006	8	7,647	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	29.571
2006	9	8,140	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.524
2006	10	7,620	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.619
2006	11	7,399	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.952
2006	12	8,068	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.190
2007	1	7,871	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.905
2007	2	7,871	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	29.952
2007	3	7,274	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.476
2007	4	7,350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.381
2007	5	8,075	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.524
2007	6	7,940	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.619
2007	7	7,780	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.762
2007	8	7,627	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	29.476
2007	9	7,620	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.571
2007	10	7,228	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.667
2007	11	7,009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.952
2007	12	7,488	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.286
2008	1	7,558	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.429
2008	2	6,695	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	30.333
2008	3	6,300	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.381
2008	4	6,711	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.381
2008	5	6,383	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.571
2008	6	6,832	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.667
2008	7	7,158	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.619
2008	8	6,762	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	29.524
2008	9	6,863	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.714
2008	10	6,662	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.524
2008	11	6,730	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.381
2008	12	6,442	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.810
2009	1	6,948	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.619
2009	2	6,122	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	30.190
2009	3	6,439	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.381
2009	4	6,236	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.381
2009	5	6,383	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.714
2009	6	6,610	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.524
2009	7	7,193	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.667
2009	8	6,834	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	29.476
2009	9	6,933	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.524
2009	10	7,126	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.714
2009	11	6,593	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.571
2009	12	6,512	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.619
2010	1	6,842	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.762
2010	2	6,651	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	30.048
2010	3	5,935	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.381

Year	Month	Metro Sales from Model Output (kWh)	Indicator Variable for January	Indicator Variable for February	Indicator Variable for March	Indicator Variable for June	Indicator Variable for July	Indicator Variable for August	Indicator Variable for September	Indicator Variable for October	Bill Days
2014	12	6,885	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.524
2015	1	7,691	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.190
2015	2	6,970	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	29.810
2015	3	6,698	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.286
2015	4	7,953	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.190
2015	5	7,576	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.714
2015	6	7,674	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.429
2015	7	8,354	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.857
2015	8	7,918	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	30.952
2015	9	8,375	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.476
2015	10	7,574	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.667
2015	11	7,566	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.667
2015	12	7,432	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.143
2016	1	7,938	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.190
2016	2	6,650	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	28.857
2016	3	7,559	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30.905
2016	4	7,556	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.619
2016	5	7,429	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.524
2016	6	8,275	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.714
2016	7	8,185	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	31.667
2016	8	8,382	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	30.810
2016	9	7,904	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	31.095
2016	10	7,386	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.667
2016	11	7,248	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.048
2016	12	7,560	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.667
2017	1	7,527	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.238
2017	2	6,796	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	28.619
2017	3	7,322	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.524
2017	4	6,986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.476
2017	5	7,215	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.714
2017	6	7,495	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	31.524
2017	7	7,397	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	31.048
2017	8	7,322	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	29.952
2017	9	6,465	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.619
2017	10	6,137	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	30.095
2017	11	6,077	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.619
2017	12	6,291	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.810
2018	1	5,754	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.190
2018	2	6,221	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	29.762
2018	3	5,838	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.238
2018	4	5,985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.857
2018	5	6,797	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.857
2018	6	6,569	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.667
2018	7	7,046	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.762
2018	8	7,639	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	31.095
2018	9	7,080	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	30.095
2018	10	6,997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	29.905
2018	11	7,288	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.190
2018	12	6,626	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.524
2019	1	7,182	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.143
2019	2	6,286	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	29.000
2019	3	6,630	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29.286
2019	4	6,809	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.667
2019	5	7,036	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.762
2019	6	7,084	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	30.619
2019	7	6,948	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	30.667

Year	Month	Other Customers from Model
2010	1	191
2010	2	191
2010	3	191
2010	4	191
2010	5	191
2010	6	191
2010	7	191
2010	8	191
2010	9	191
2010	10	190
2010	11	190
2010	12	190
2011	1	190
2011	2	190
2011	3	190
2011	4	190
2011	5	190
2011	6	189
2011	7	189
2011	8	189
2011	9	188
2011	10	188
2011	11	188
2011	12	187
2012	1	186
2012	2	186
2012	3	186
2012	4	185
2012	5	185
2012	6	185
2012	7	185
2012	8	185
2012	9	185
2012	10	185
2012	11	185
2012	12	186
2013	1	186
2013	2	186
2013	3	186
2013	4	186
2013	5	186
2013	6	185
2013	7	185
2013	8	185

Year	Month	Other Customers from Model
2013	9	185
2013	10	186
2013	11	186
2013	12	186
2014	1	186
2014	2	186
2014	3	186
2014	4	186
2014	5	186
2014	6	186
2014	7	186
2014	8	186
2014	9	186
2014	10	186
2014	11	186
2014	12	185
2015	1	185
2015	2	185
2015	3	185
2015	4	185
2015	5	185
2015	6	185
2015	7	185
2015	8	185
2015	9	185
2015	10	185
2015	11	185
2015	12	185
2016	1	185
2016	2	185
2016	3	185
2016	4	185
2016	5	185
2016	6	185
2016	7	185
2016	8	185
2016	9	185
2016	10	185
2016	11	185
2016	12	185
2017	1	185
2017	2	185
2017	3	185
2017	4	185
2017	5	185

Year	Month	Other Customers from Model
2017	6	185
2017	7	185
2017	8	185
2017	9	185
2017	10	184
2017	11	182
2017	12	182
2018	1	182
2018	2	182
2018	3	182
2018	4	182
2018	5	182
2018	6	182
2018	7	182
2018	8	182
2018	9	182
2018	10	182
2018	11	182
2018	12	182
2019	1	182
2019	2	182
2019	3	182
2019	4	185
2019	5	184
2019	6	184
2019	7	183
2019	8	183
2019	9	182
2019	10	182
2019	11	182
2019	12	183
2020	1	183
2020	2	180
2020	3	179
2020	4	177
2020	5	173
2020	6	172
2020	7	165
2020	8	164
2020	9	164
2020	10	164
2020	11	164
2020	12	164
2021	1	164
2021	2	164

Year	Month	Other Customers from Model
2021	3	164
2021	4	164
2021	5	164
2021	6	164
2021	7	164
2021	8	164
2021	9	164
2021	10	164
2021	11	164
2021	12	164
2022	1	164
2022	2	164
2022	3	164
2022	4	164
2022	5	164
2022	6	164
2022	7	164
2022	8	164
2022	9	164
2022	10	164
2022	11	164
2022	12	164
2023	1	164
2023	2	164
2023	3	164
2023	4	164
2023	5	164
2023	6	164
2023	7	164
2023	8	164
2023	9	164
2023	10	164
2023	11	164
2023	12	164

Year	Month	Other Sales from Model (MWh)
2006	1	1,500
2006	2	5,832
2006	3	3,991
2006	4	3,994
2006	5	4,261
2006	6	4,226
2006	7	4,219
2006	8	4,357
2006	9	1,462
2006	10	6,999
2006	11	4,205
2006	12	4,273
2007	1	1,569
2007	2	4,151
2007	3	8,234
2007	4	4,608
2007	5	4,457
2007	6	4,447
2007	7	4,874
2007	8	4,682
2007	9	5,013
2007	10	4,833
2007	11	4,377
2007	12	1,567
2008	1	5,750
2008	2	3,526
2008	3	3,602
2008	4	3,498
2008	5	3,487
2008	6	3,342
2008	7	2,394
2008	8	2,229
2008	9	2,462
2008	10	2,465
2008	11	2,280
2008	12	2,359
2009	1	2,724
2009	2	2,338
2009	3	2,223
2009	4	2,111
2009	5	2,171
2009	6	4,869
2009	7	4,809
2009	8	2,935

Year	Month	Other Sales from Model (MWh)
2009	9	2,247
2009	10	2,406
2009	11	2,486
2009	12	2,526
2010	1	2,100
2010	2	2,095
2010	3	2,159
2010	4	2,090
2010	5	2,217
2010	6	2,463
2010	7	2,500
2010	8	2,350
2010	9	2,566
2010	10	2,485
2010	11	2,418
2010	12	2,179
2011	1	2,000
2011	2	2,140
2011	3	2,381
2011	4	2,249
2011	5	2,191
2011	6	2,432
2011	7	2,235
2011	8	2,484
2011	9	2,400
2011	10	2,213
2011	11	2,255
2011	12	2,149
2012	1	1,023
2012	2	3,135
2012	3	2,252
2012	4	2,042
2012	5	2,136
2012	6	1,995
2012	7	2,089
2012	8	2,089
2012	9	2,034
2012	10	2,361
2012	11	2,106
2012	12	2,101
2013	1	2,004
2013	2	1,981
2013	3	2,009
2013	4	1,828

Other Sales from

Year	Month	Model (MWh)
2013	5	1,851
2013	6	1,728
2013	7	3,175
2013	8	2,818
2013	9	3,083
2013	10	1,023
2013	11	4,110
2013	12	2,020
2014	1	1,708
2014	2	1,801
2014	3	1,865
2014	4	1,848
2014	5	2,649
2014	6	2,068
2014	7	2,019
2014	8	1,931
2014	9	2,191
2014	10	2,047
2014	11	2,010
2014	12	1,913
2015	1	1,685
2015	2	1,743
2015	3	2,035
2015	4	1,994
2015	5	1,942
2015	6	2,036
2015	7	1,898
2015	8	1,920
2015	9	2,010
2015	10	1,957
2015	11	2,117
2015	12	2,043
2016	1	1,692
2016	2	1,680
2016	3	1,970
2016	4	1,752
2016	5	1,761
2016	6	1,965
2016	7	1,999
2016	8	2,035
2016	9	1,968
2016	10	1,852
2016	11	2,108
2016	12	2,025

Other Sales from

Year	Month	Model (MWh)
2017	1	1,891
2017	2	3,268
2017	3	4,024
2017	4	3,917
2017	5	4,353
2017	6	4,142
2017	7	4,764
2017	8	5,485
2017	9	2,972
2017	10	2,249
2017	11	2,152
2017	12	1,988
2018	1	1,892
2018	2	2,168
2018	3	2,238
2018	4	2,130
2018	5	2,117
2018	6	1,904
2018	7	2,053
2018	8	2,105
2018	9	2,049
2018	10	1,406
2018	11	1,235
2018	12	1,576
2019	1	1,671
2019	2	1,766
2019	3	1,868
2019	4	1,959
2019	5	1,882
2019	6	1,898
2019	7	1,961
2019	8	1,945
2019	9	1,856
2019	10	2,130
2019	11	2,069
2019	12	1,988
2020	1	1,532
2020	2	1,805
2020	3	1,914
2020	4	1,490
2020	5	1,333
2020	6	1,603
2020	7	1,689
2020	8	1,655

Year	Month	Other Sales from Model (MWh)
2020	9	1,655
2020	10	1,655
2020	11	1,655
2020	12	1,655
2021	1	1,655
2021	2	1,655
2021	3	1,655
2021	4	1,655
2021	5	1,655
2021	6	1,655
2021	7	1,655
2021	8	1,655
2021	9	1,655
2021	10	1,655
2021	11	1,655
2021	12	1,655
2022	1	1,655
2022	2	1,655
2022	3	1,655
2022	4	1,655
2022	5	1,655
2022	6	1,655
2022	7	1,655
2022	8	1,655
2022	9	1,655
2022	10	1,655
2022	11	1,655
2022	12	1,655
2023	1	1,655
2023	2	1,655
2023	3	1,655
2023	4	1,655
2023	5	1,655
2023	6	1,655
2023	7	1,655
2023	8	1,655
2023	9	1,655
2023	10	1,655
2023	11	1,655
2023	12	1,655

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Year	Month	Residential Customers Model Output	Number of Households (1,000's)	Indicator Variable for April	Indicator Variable for May	Indicator Variable for June	Indicator Variable for July	Indicator Variable for August	Indicator Variable for September	Indicator Variable for October	Indicator Variable for Unknown Usage	Indicator Variable for Recessions	Indicator Variable for 2014	Indicator Variable for 2015	Indicator Variable for 2016	Indicator Variable for 2017	One Period Lag of Residential Customers	Two Period Lag of Residential Customers
2000	8	3,414,648	6,425	0	0	0	0	1	0	0	0.00	0	0	0	0	0	3,407,511	3,404,846
2000	9	3,420,410	6,439	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,414,648	3,407,511
2000	10	3,426,807	6,453	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,420,410	3,414,648
2000	11	3,437,316	6,467	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,426,807	3,420,410
2000	12	3,450,872	6,481	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,437,316	3,426,807
2001	1	3,466,059	6,495	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,450,872	3,437,316
2001	2	3,476,162	6,510	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,466,059	3,450,872
2001	3	3,485,376	6,524	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,476,162	3,466,059
2001	4	3,490,194	6,538	1	0	0	0	0	0	0	0.00	1	0	0	0	0	3,485,376	3,476,162
2001	5	3,483,167	6,553	0	1	0	0	0	0	0	0.00	1	0	0	0	0	3,490,194	3,485,376
2001	6	3,481,488	6,567	0	0	1	0	0	0	0	0.00	1	0	0	0	0	3,490,194	3,490,194
2001	7	3,486,754	6,581	0	0	0	0	1	0	0	0.00	1	0	0	0	0	3,481,488	3,483,167
2001	8	3,492,135	6,596	0	0	0	0	0	1	0	0.00	1	0	0	0	0	3,486,754	3,481,488
2001	9	3,495,624	6,610	0	0	0	0	0	1	0	0.00	1	0	0	0	0	3,492,135	3,486,754
2001	10	3,500,574	6,625	0	0	0	0	0	0	1	0.00	1	0	0	0	0	3,495,624	3,492,135
2001	11	3,507,818	6,639	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,500,574	3,495,624
2001	12	3,521,146	6,654	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,507,818	3,500,574
2002	1	3,530,913	6,668	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,521,146	3,507,818
2002	2	3,544,032	6,683	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,530,913	3,521,146
2002	3	3,554,186	6,698	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,544,032	3,530,913
2002	4	3,560,727	6,712	1	0	0	0	0	0	0	0.00	0	0	0	0	0	3,554,186	3,544,032
2002	5	3,557,221	6,727	0	1	0	0	0	0	0	0.00	0	0	0	0	0	3,560,727	3,554,186
2002	6	3,557,800	6,742	0	1	0	0	0	0	0	0.00	0	0	0	0	0	3,557,221	3,560,727
2002	7	3,562,956	6,756	0	0	0	1	0	0	0	0.00	0	0	0	0	0	3,557,800	3,557,221
2002	8	3,569,998	6,771	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,562,956	3,557,800
2002	9	3,574,767	6,786	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,569,998	3,562,956
2002	10	3,582,615	6,801	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,574,767	3,569,998
2002	11	3,593,622	6,816	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,582,615	3,574,767
2002	12	3,605,161	6,831	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,593,622	3,582,615
2003	1	3,613,511	6,846	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,605,161	3,593,622
2003	2	3,626,512	6,861	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,613,511	3,605,161
2003	3	3,637,857	6,876	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,626,512	3,613,511
2003	4	3,645,127	6,891	1	0	0	0	0	0	0	0.00	0	0	0	0	0	3,637,857	3,626,512
2003	5	3,642,135	6,906	0	1	0	0	0	0	0	0.00	0	0	0	0	0	3,645,127	3,637,857
2003	6	3,646,035	6,921	0	0	1	0	0	0	0	0.00	0	0	0	0	0	3,642,135	3,645,127
2003	7	3,649,435	6,936	0	0	0	1	0	0	0	0.00	0	0	0	0	0	3,646,035	3,642,135
2003	8	3,655,348	6,951	0	0	0	0	1	0	0	0.00	0	0	0	0	0	3,649,435	3,646,035
2003	9	3,663,254	6,966	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,655,348	3,649,435
2003	10	3,672,105	6,981	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,663,254	3,655,348
2003	11	3,684,389	6,997	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,672,105	3,663,254
2003	12	3,696,253	7,012	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,684,389	3,672,105
2004	1	3,704,268	7,027	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,696,253	3,684,389
2004	2	3,718,571	7,043	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,704,268	3,696,253
2004	3	3,731,504	7,058	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,718,571	3,704,268
2004	4	3,740,091	7,073	1	0	0	0	0	0	0	0.00	0	0	0	0	0	3,731,504	3,718,571
2004	5	3,740,143	7,089	0	1	0	0	0	0	0	0.00	0	0	0	0	0	3,740,091	3,731,504
2004	6	3,744,897	7,104	0	0	1	0	0	0	0	0.00	0	0	0	0	0	3,740,143	3,740,091
2004	7	3,752,041	7,120	0	0	0	1	0	0	0	0.00	0	0	0	0	0	3,744,897	3,740,143
2004	8	3,758,762	7,135	0	0	0	0	1	0	0	0.00	0	0	0	0	0	3,752,041	3,744,897
2004	9	3,755,791	7,151	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,758,762	3,752,041
2004	10	3,751,167	7,167	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,755,791	3,758,762
2004	11	3,768,160	7,182	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,751,167	3,755,791
2004	12	3,773,579	7,198	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,768,160	3,751,167
2005	1	3,786,666	7,214	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,773,579	3,768,160
2005	2	3,800,127	7,229	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,786,666	3,773,579
2005	3	3,810,317	7,245	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,800,127	3,786,666
2005	4	3,819,071	7,264	1	0	0	0	0	0	0	0.00	0	0	0	0	0	3,810,317	3,800,127
2005	5	3,820,847	7,277	0	1	0	0	0	0	0	0.00	0	0	0	0	0	3,819,071	3,810,317
2005	6	3,826,539	7,288	0	0	1	0	0	0	0	0.00	0	0	0	0	0	3,820,847	3,819,071
2005	7	3,832,397	7,294	0	0	0	1	0	0	0	0.00	0	0	0	0	0	3,826,539	3,820,847
2005	8	3,843,228	7,302	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,832,397	3,826,539
2005	9	3,845,823	7,311	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,843,228	3,832,397
2005	10	3,846,999	7,319	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,845,823	3,843,228

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Year	Month	Residential	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator Variable	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	One Period Lag of	Two Period Lag of
		Customers Model	Number of	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	for Unknown	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Residential	Residential
		Output	Households	April	May	June	July	August	September	October	Usage	Recessions	2014	2015	for 2016	for 2017	Customers	Customers	
2005	11	3,849,102	7,328	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,846,999	3,845,823	
2005	12	3,859,377	7,337	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,849,102	3,846,999	
2006	1	3,872,326	7,345	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,859,377	3,849,102	
2006	2	3,879,506	7,354	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,872,326	3,859,377	
2006	3	3,890,134	7,362	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,879,506	3,872,326	
2006	4	3,898,256	7,374	1	0	0	0	0	0	0	0.00	0	0	0	0	0	3,890,134	3,879,506	
2006	5	3,895,260	7,380	0	1	0	0	0	0	0	0.00	0	0	0	0	0	3,898,256	3,890,134	
2006	6	3,900,600	7,385	0	0	1	0	0	0	0	0.00	0	0	0	0	0	3,895,260	3,898,256	
2006	7	3,902,901	7,384	0	0	0	1	0	0	0	0.00	0	0	0	0	0	3,900,600	3,895,260	
2006	8	3,911,165	7,386	0	0	0	0	1	0	0	0.00	0	0	0	0	0	3,902,901	3,900,600	
2006	9	3,918,631	7,388	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,911,165	3,902,901	
2006	10	3,923,143	7,390	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,918,631	3,911,165	
2006	11	3,935,484	7,392	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,923,143	3,918,631	
2006	12	3,947,802	7,395	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,935,484	3,923,143	
2007	1	3,955,335	7,397	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,947,802	3,935,484	
2007	2	3,965,136	7,399	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,955,335	3,947,802	
2007	3	3,975,438	7,401	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,965,136	3,955,335	
2007	4	3,979,792	7,404	1	0	0	0	0	0	0	0.00	0	0	0	0	0	3,975,438	3,965,136	
2007	5	3,978,583	7,406	0	1	0	0	0	0	0	0.00	0	0	0	0	0	3,979,792	3,975,438	
2007	6	3,981,256	7,407	0	0	1	0	0	0	0	0.00	0	0	0	0	0	3,978,583	3,979,792	
2007	7	3,986,068	7,407	0	0	0	1	0	0	0	0.00	0	0	0	0	0	3,981,256	3,978,583	
2007	8	3,991,803	7,408	0	0	0	0	1	0	0	0.00	0	0	0	0	0	3,986,068	3,981,256	
2007	9	3,990,293	7,409	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,991,803	3,986,068	
2007	10	3,990,563	7,410	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,990,293	3,991,803	
2007	11	3,990,843	7,411	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,990,563	3,990,293	
2007	12	3,992,297	7,411	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,990,843	3,990,563	
2008	1	3,995,414	7,412	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,992,297	3,990,843	
2008	2	4,001,651	7,413	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,995,414	3,992,297	
2008	3	4,003,023	7,414	0	0	0	0	0	0	0	0.00	1	0	0	0	0	4,001,651	3,995,414	
2008	4	4,001,785	7,416	1	0	0	0	0	0	0	0.00	1	0	0	0	0	4,003,023	4,001,651	
2008	5	3,996,910	7,416	0	1	0	0	0	0	0	0.00	1	0	0	0	0	4,001,785	4,003,023	
2008	6	3,996,829	7,415	0	0	1	0	0	0	0	0.00	1	0	0	0	0	3,996,910	4,001,785	
2008	7	3,991,810	7,411	0	0	0	1	0	0	0	0.00	1	0	0	0	0	3,996,829	3,996,910	
2008	8	3,989,187	7,408	0	0	0	0	1	0	0	0.00	1	0	0	0	0	3,991,810	3,996,829	
2008	9	3,985,030	7,406	0	0	0	0	0	1	0	0.00	1	0	0	0	0	3,989,187	3,991,810	
2008	10	3,983,523	7,403	0	0	0	0	0	0	1	0.00	1	0	0	0	0	3,985,030	3,989,187	
2008	11	3,981,138	7,401	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,983,523	3,985,030	
2008	12	3,980,785	7,398	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,981,138	3,983,523	
2009	1	3,981,732	7,396	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,980,785	3,981,138	
2009	2	3,986,717	7,393	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,981,732	3,980,785	
2009	3	3,987,693	7,391	0	0	0	0	0	0	0	0.00	1	0	0	0	0	3,986,717	3,981,732	
2009	4	3,987,872	7,386	1	0	0	0	0	0	0	0.00	1	0	0	0	0	3,987,693	3,986,717	
2009	5	3,984,699	7,385	0	1	0	0	0	0	0	0.00	1	0	0	0	0	3,987,872	3,987,693	
2009	6	3,984,326	7,386	0	0	1	0	0	0	0	0.00	1	0	0	0	0	3,984,699	3,987,872	
2009	7	3,984,488	7,390	0	0	0	1	0	0	0	0.00	0	0	0	0	0	3,984,326	3,984,699	
2009	8	3,984,668	7,394	0	0	0	0	1	0	0	0.00	0	0	0	0	0	3,984,488	3,984,326	
2009	9	3,981,876	7,397	0	0	0	0	0	1	0	0.00	0	0	0	0	0	3,984,668	3,984,488	
2009	10	3,980,940	7,401	0	0	0	0	0	0	1	0.00	0	0	0	0	0	3,981,876	3,984,668	
2009	11	3,984,445	7,405	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,980,940	3,981,876	
2009	12	3,984,423	7,410	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,984,445	3,980,940	
2010	1	3,988,092	7,416	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,984,423	3,984,445	
2010	2	3,996,803	7,421	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,988,092	3,984,423	
2010	3	4,002,154	7,425	0	0	0	0	0	0	0	0.00	0	0	0	0	0	3,996,803	3,988,092	
2010	4	4,005,428	7,427	1	0	0	0	0	0	0	0.00	0	0	0	0	0	4,002,154	3,996,803	
2010	5	4,006,527	7,431	0	1	0	0	0	0	0	0.00	0	0	0	0	0	4,005,428	4,002,154	
2010	6	4,006,189	7,436	0	0	1	0	0	0	0	0.00	0	0	0	0	0	4,006,527	4,005,428	
2010	7	4,006,320	7,443	0	0	0	1	0	0	0	0.00	0	0	0	0	0	4,006,189	4,006,527	
2010	8	4,009,524	7,449	0	0	0	0	1	0	0	0.00	0	0	0	0	0	4,006,320	4,006,189	
2010	9	4,007,495	7,455	0	0	0	0	0	1	0	0.00	0	0	0	0	0	4,009,524	4,006,320	
2010	10	4,006,475	7,461	0	0	0	0	0	0	1	0.00	0	0	0	0	0	4,007,495	4,009,524	
2010	11	4,007,538	7,467	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,006,475	4,007,495	
2010	12	4,009,847	7,473	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,007,538	4,006,475	
2011	1	4,015,002	7,479	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,009,847	4,007,538	
2011	2	4,021,384	7,485	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,015,002	4,009,847	

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Year	Month	Residential	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator Variable	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	One Period Lag of	Two Period Lag of
		Customers Model	Number of	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	for Unknown	Variable for	Variable for	Variable for	Variable for	Variable for	Residential	Residential
		Output	Households	April	May	June	July	August	September	October	Usage	Recessions	2014	2015	for 2016	for 2017	Customers	Customers	
2011	3	4,027,937	7,491	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,021,384	4,015,002	
2011	4	4,030,950	7,496	1	0	0	0	0	0	0	0.00	0	0	0	0	0	4,027,937	4,021,384	
2011	5	4,029,779	7,503	0	1	0	0	0	0	0	0.00	0	0	0	0	0	4,030,950	4,027,937	
2011	6	4,028,663	7,510	0	0	1	0	0	0	0	0.00	0	0	0	0	0	4,029,779	4,030,950	
2011	7	4,028,593	7,518	0	0	0	1	0	0	0	0.00	0	0	0	0	0	4,028,663	4,029,779	
2011	8	4,028,766	7,526	0	0	0	0	1	0	0	0.00	0	0	0	0	0	4,028,593	4,028,663	
2011	9	4,024,718	7,534	0	0	0	0	0	1	0	0.00	0	0	0	0	0	4,028,766	4,028,593	
2011	10	4,025,416	7,541	0	0	0	0	0	0	1	0.00	0	0	0	0	0	4,024,718	4,028,766	
2011	11	4,027,556	7,549	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,025,416	4,024,718	
2011	12	4,032,352	7,557	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,027,556	4,025,416	
2012	1	4,037,796	7,564	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,032,352	4,027,556	
2012	2	4,043,285	7,572	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,037,796	4,032,352	
2012	3	4,051,099	7,579	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,043,285	4,037,796	
2012	4	4,053,654	7,590	1	0	0	0	0	0	0	0.00	0	0	0	0	0	4,051,099	4,043,285	
2012	5	4,052,782	7,595	0	1	0	0	0	0	0	0.00	0	0	0	0	0	4,053,654	4,051,099	
2012	6	4,051,323	7,599	0	0	1	0	0	0	0	0.00	0	0	0	0	0	4,052,782	4,053,654	
2012	7	4,052,570	7,597	0	0	0	1	0	0	0	0.00	0	0	0	0	0	4,051,323	4,052,782	
2012	8	4,054,570	7,598	0	0	0	0	1	0	0	0.00	0	0	0	0	0	4,052,570	4,051,323	
2012	9	4,053,644	7,599	0	0	0	0	0	1	0	0.00	0	0	0	0	0	4,054,570	4,052,570	
2012	10	4,055,163	7,600	0	0	0	0	0	0	1	0.00	0	0	0	0	0	4,053,644	4,054,570	
2012	11	4,058,216	7,601	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,055,163	4,053,644	
2012	12	4,061,984	7,603	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,058,216	4,055,163	
2013	1	4,068,399	7,604	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,061,984	4,058,216	
2013	2	4,072,597	7,605	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,068,399	4,061,984	
2013	3	4,078,650	7,606	0	0	0	0	0	0	0	0.00	0	0	0	0	0	4,072,597	4,068,399	
2013	4	4,081,968	7,603	1	0	0	0	0	0	0	0.00	0	0	0	0	0	4,078,650	4,072,597	
2013	5	4,083,253	7,607	0	1	0	0	0	0	0	0.00	0	0	0	0	0	4,081,968	4,078,650	
2013	6	4,084,806	7,614	0	0	1	0	0	0	0	0.00	0	0	0	0	0	4,083,253	4,081,968	
2013	7	4,091,309	7,628	0	0	0	1	0	0	0	0.11	0	0	0	0	0	4,084,806	4,083,253	
2013	8	4,100,454	7,637	0	0	0	0	0	1	0	0.29	0	0	0	0	0	4,091,309	4,084,806	
2013	9	4,112,677	7,647	0	0	0	0	0	1	0	0.65	0	0	0	0	0	4,100,454	4,091,309	
2013	10	4,124,489	7,657	0	0	0	0	0	0	1	1.00	0	0	0	0	0	4,112,677	4,100,454	
2013	11	4,130,692	7,667	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,124,489	4,112,677	
2013	12	4,136,766	7,676	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,130,692	4,124,489	
2014	1	4,143,809	7,686	0	0	0	0	0	0	0	1.00	0	1	0	0	0	4,136,766	4,130,692	
2014	2	4,150,625	7,696	0	0	0	0	0	0	0	1.00	0	1	0	0	0	4,143,809	4,136,766	
2014	3	4,157,504	7,705	0	0	0	0	0	0	0	1.00	0	1	0	0	0	4,150,625	4,143,809	
2014	4	4,161,055	7,714	1	0	0	0	0	0	0	1.00	0	1	0	0	0	4,157,504	4,150,625	
2014	5	4,163,079	7,725	0	1	0	0	0	0	0	1.00	0	1	0	0	0	4,161,055	4,157,504	
2014	6	4,165,874	7,735	0	0	1	0	0	0	0	1.00	0	1	0	0	0	4,163,079	4,161,055	
2014	7	4,169,041	7,747	0	0	0	1	0	0	0	1.00	0	1	0	0	0	4,165,874	4,163,079	
2014	8	4,172,469	7,759	0	0	0	0	1	0	0	1.00	0	1	0	0	0	4,169,041	4,165,874	
2014	9	4,177,177	7,770	0	0	0	0	0	1	0	1.00	0	1	0	0	0	4,172,469	4,169,041	
2014	10	4,182,719	7,781	0	0	0	0	0	0	1	1.00	0	1	0	0	0	4,177,177	4,172,469	
2014	11	4,189,026	7,792	0	0	0	0	0	0	0	1.00	0	1	0	0	0	4,182,719	4,177,177	
2014	12	4,195,956	7,804	0	0	0	0	0	0	0	1.00	0	1	0	0	0	4,189,026	4,182,719	
2015	1	4,202,391	7,815	0	0	0	0	0	0	0	1.00	0	1	0	0	0	4,195,956	4,189,026	
2015	2	4,209,051	7,826	0	0	0	0	0	0	0	1.00	0	0	1	0	0	4,202,391	4,195,956	
2015	3	4,216,219	7,837	0	0	0	0	0	0	0	1.00	0	0	1	0	0	4,209,051	4,202,391	
2015	4	4,219,370	7,850	1	0	0	0	0	0	0	1.00	0	0	1	0	0	4,216,219	4,209,051	
2015	5	4,220,764	7,860	0	1	0	0	0	0	0	1.00	0	0	1	0	0	4,219,370	4,216,219	
2015	6	4,224,554	7,870	0	0	1	0	0	0	0	1.00	0	0	1	0	0	4,220,764	4,219,370	
2015	7	4,227,891	7,878	0	0	0	1	0	0	0	1.00	0	0	1	0	0	4,224,554	4,220,764	
2015	8	4,232,387	7,887	0	0	0	0	1	0	0	1.00	0	0	1	0	0	4,227,891	4,224,554	
2015	9	4,235,561	7,897	0	0	0	0	0	1	0	1.00	0	0	1	0	0	4,232,387	4,227,891	
2015	10	4,239,444	7,906	0	0	0	0	0	0	1	1.00	0	0	1	0	0	4,235,561	4,232,387	
2015	11	4,246,837	7,915	0	0	0	0	0	0	0	1.00	0	0	1	0	0	4,239,444	4,235,561	
2015	12	4,254,635	7,924	0	0	0	0	0	0	0	1.00	0	0	1	0	0	4,246,837	4,239,444	
2016	1	4,259,323	7,933	0	0	0	0	0	0	0	1.00	0	0	0	1	0	4,254,635	4,246,837	
2016	2	4,265,184	7,943	0	0	0	0	0	0	0	1.00	0	0	0	1	0	4,259,323	4,254,635	
2016	3	4,271,136	7,952	0	0	0	0	0	0	0	1.00	0	0	0	1	0	4,265,184	4,259,323	
2016	4	4,275,114	7,961	1	0	0	0	0	0	0	1.00	0	0	0	1	0	4,271,136	4,265,184	
2016	5	4,278,434	7,970	0	1	0	0	0	0	0	1.00	0	0	0	1	0	4,275,114	4,271,136	
2016	6	4,281,672	7,980	0	0	1	0	0	0	0	1.00	0	0	0	1	0	4,278,434	4,275,114	

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Year	Month	Residential		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	One Period Lag of	Two Period Lag of
		Customers	Model	Number of	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Residential
		Output	Households	April	May	June	July	August	September	October	Usage	Recessions	2014	2015	for 2016	for 2017	Customers	Customers
2016	7	4,285,720	7,990	0	0	0	1	0	0	0	1.00	0	0	0	0	4,281,672	4,278,434	
2016	8	4,290,607	7,999	0	0	0	0	1	0	0	1.00	0	0	0	1	0	4,285,720	4,281,672
2016	9	4,293,801	8,009	0	0	0	0	0	1	0	1.00	0	0	0	1	0	4,290,607	4,285,720
2016	10	4,297,087	8,019	0	0	0	0	0	0	1	1.00	0	0	0	1	0	4,293,801	4,290,607
2016	11	4,302,544	8,028	0	0	0	0	0	0	0	1.00	0	0	0	1	0	4,297,087	4,293,801
2016	12	4,309,280	8,038	0	0	0	0	0	0	0	1.00	0	0	0	1	0	4,302,544	4,297,087
2017	1	4,315,281	8,048	0	0	0	0	0	0	0	1.00	0	0	0	0	1	4,309,280	4,302,544
2017	2	4,321,075	8,058	0	0	0	0	0	0	0	1.00	0	0	0	0	1	4,315,281	4,309,280
2017	3	4,327,393	8,067	0	0	0	0	0	0	0	1.00	0	0	0	0	1	4,321,075	4,315,281
2017	4	4,331,440	8,077	1	0	0	0	0	0	0	1.00	0	0	0	0	1	4,327,393	4,321,075
2017	5	4,334,765	8,087	0	1	0	0	0	0	0	1.00	0	0	0	0	1	4,331,440	4,327,393
2017	6	4,337,849	8,097	0	0	1	0	0	0	0	1.00	0	0	0	0	1	4,334,765	4,331,440
2017	7	4,341,942	8,107	0	0	0	0	1	0	0	1.00	0	0	0	0	1	4,337,849	4,334,765
2017	8	4,346,294	8,117	0	0	0	0	0	1	0	1.00	0	0	0	0	1	4,341,942	4,337,849
2017	9	4,344,843	8,126	0	0	0	0	0	1	0	1.00	0	0	0	0	1	4,346,294	4,341,942
2017	10	4,347,889	8,136	0	0	0	0	0	0	1	1.00	0	0	0	0	1	4,344,843	4,346,294
2017	11	4,352,743	8,146	0	0	0	0	0	0	0	1.00	0	0	0	0	1	4,347,889	4,344,843
2017	12	4,357,179	8,156	0	0	0	0	0	0	0	1.00	0	0	0	0	1	4,352,743	4,347,889
2018	1	4,363,219	8,166	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,357,179	4,352,743
2018	2	4,368,710	8,176	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,363,219	4,357,179
2018	3	4,376,774	8,186	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,368,710	4,363,219
2018	4	4,381,864	8,197	1	0	0	0	0	0	0	1.00	0	0	0	0	0	4,376,774	4,368,710
2018	5	4,385,290	8,206	0	1	0	0	0	0	0	1.00	0	0	0	0	0	4,381,864	4,376,774
2018	6	4,388,477	8,215	0	0	1	0	0	0	0	1.00	0	0	0	0	0	4,385,290	4,381,864
2018	7	4,392,728	8,221	0	0	0	1	0	0	0	1.00	0	0	0	0	0	4,388,477	4,385,290
2018	8	4,397,811	8,228	0	0	0	0	1	0	0	1.00	0	0	0	0	0	4,392,728	4,388,477
2018	9	4,400,749	8,235	0	0	0	0	0	1	0	1.00	0	0	0	0	0	4,397,811	4,392,728
2018	10	4,405,981	8,243	0	0	0	0	0	0	1	1.00	0	0	0	0	0	4,400,749	4,397,811
2018	11	4,411,146	8,251	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,405,981	4,400,749
2018	12	4,429,233	8,258	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,411,146	4,405,981
2019	1	4,450,543	8,266	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,429,233	4,411,146
2019	2	4,455,884	8,274	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,450,543	4,429,233
2019	3	4,461,679	8,282	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,455,884	4,450,543
2019	4	4,466,611	8,290	1	0	0	0	0	0	0	1.00	0	0	0	0	0	4,461,679	4,455,884
2019	5	4,471,736	8,298	0	1	0	0	0	0	0	1.00	0	0	0	0	0	4,466,611	4,461,679
2019	6	4,476,842	8,306	0	0	1	0	0	0	0	1.00	0	0	0	0	0	4,471,736	4,466,611
2019	7	4,482,261	8,315	0	0	0	1	0	0	0	1.00	0	0	0	0	0	4,476,842	4,471,736
2019	8	4,487,915	8,323	0	0	0	0	1	0	0	1.00	0	0	0	0	0	4,482,261	4,476,842
2019	9	4,491,556	8,332	0	0	0	0	0	1	0	1.00	0	0	0	0	0	4,487,915	4,482,261
2019	10	4,497,317	8,342	0	0	0	0	0	0	1	1.00	0	0	0	0	0	4,491,556	4,487,915
2019	11	4,502,140	8,351	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,497,317	4,491,556
2019	12	4,507,783	8,360	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,502,140	4,497,317
2020	1	4,514,328	8,372	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,507,783	4,502,140
2020	2	4,522,088	8,379	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,514,328	4,507,783
2020	3	4,528,056	8,384	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,522,088	4,514,328
2020	4	4,533,622	8,387	1	0	0	0	0	0	0	1.00	0	0	0	0	0	4,528,056	4,522,088
2020	5	4,539,306	8,389	0	1	0	0	0	0	0	1.00	0	0	0	0	0	4,533,622	4,528,056
2020	6	4,547,303	8,390	0	0	1	0	0	0	0	1.00	0	0	0	0	0	4,539,306	4,533,622
2020	7	4,553,350	8,386	0	0	0	1	0	0	0	1.00	0	0	0	0	0	4,547,303	4,539,306
2020	8	4,558,411	8,386	0	0	0	0	1	0	0	1.00	0	0	0	0	0	4,553,350	4,547,303
2020	9	4,559,690	8,388	0	0	0	0	0	1	0	1.00	0	0	0	0	0	4,558,411	4,553,350
2020	10	4,561,768	8,393	0	0	0	0	0	0	1	1.00	0	0	0	0	0	4,559,690	4,558,411
2020	11	4,566,839	8,395	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,561,768	4,559,690
2020	12	4,572,756	8,398	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,566,839	4,561,768
2021	1	4,578,788	8,399	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,572,756	4,566,839
2021	2	4,584,708	8,402	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,578,788	4,572,756
2021	3	4,590,453	8,405	0	0	0	0	0	0	0	1.00	0	0	0	0	0	4,584,708	4,578,788
2021	4	4,593,251	8,406	1	0	0	0	0	0	0	1.00	0	0	0	0	0	4,590,453	4,584,708
2021	5	4,591,601	8,411	0	1	0	0	0	0	0	1.00	0	0	0	0	0	4,593,251	4,590,453
2021	6	4,592,387	8,418	0	0	1	0	0	0	0	1.00	0	0	0	0	0	4,591,601	4,593,251
2021	7	4,594,073	8,427	0	0	0	1	0	0	0	1.00	0	0	0	0	0	4,592,387	4,591,601
2021	8	4,597,196	8,436	0	0	0	0	1	0	0	1.00	0	0	0	0	0	4,594,073	4,592,387
2021	9	4,597,501	8,447	0	0	0	0	0	1	0	1.00	0	0	0	0	0	4,597,196	4,594,073
2021	10	4,599,054	8,459	0	0	0	0	0	0	1	1.00	0	0	0	0	0	4,597,501	4,597,196

Year	Month	Residential		Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator	Indicator Variable	Indicator	Indicator	Indicator	Indicator	Indicator	One Period Lag of	Two Period Lag of
		Customers	Model	Number of	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Variable for	Usage	Variable for	Variable for	Variable for	Variable for	Variable for	Residential
		Ouput	Households	April	May	June	July	August	September	October		Recessions	2014	2015	for 2016	for 2017	Customers	Customers
2021	11	4,603,899	8,471	0	0	0	0	0	0	0	1.00	0	0	0	0	4,599,054	4,597,501	
2021	12	4,609,843	8,484	0	0	0	0	0	0	0	1.00	0	0	0	0	4,603,899	4,599,054	
2022	1	4,616,161	8,498	0	0	0	0	0	0	0	1.00	0	0	0	0	4,609,843	4,603,899	
2022	2	4,622,604	8,512	0	0	0	0	0	0	0	1.00	0	0	0	0	4,616,161	4,609,843	
2022	3	4,629,090	8,526	0	0	0	0	0	0	0	1.00	0	0	0	0	4,622,604	4,616,161	
2022	4	4,632,877	8,542	1	0	0	0	0	0	0	1.00	0	0	0	0	4,629,090	4,622,604	
2022	5	4,632,392	8,555	0	1	0	0	0	0	0	1.00	0	0	0	0	4,632,877	4,629,090	
2022	6	4,634,456	8,569	0	0	1	0	0	0	0	1.00	0	0	0	0	4,632,392	4,632,877	
2022	7	4,637,448	8,580	0	0	0	1	0	0	0	1.00	0	0	0	0	4,634,456	4,632,392	
2022	8	4,641,891	8,592	0	0	0	0	1	0	0	1.00	0	0	0	0	4,637,448	4,634,456	
2022	9	4,643,517	8,605	0	0	0	0	0	1	0	1.00	0	0	0	0	4,641,891	4,637,448	
2022	10	4,646,379	8,620	0	0	0	0	0	0	1	1.00	0	0	0	0	4,643,517	4,641,891	
2022	11	4,652,497	8,633	0	0	0	0	0	0	0	1.00	0	0	0	0	4,646,379	4,643,517	
2022	12	4,659,657	8,645	0	0	0	0	0	0	0	1.00	0	0	0	0	4,652,497	4,646,379	
2023	1	4,667,098	8,657	0	0	0	0	0	0	0	1.00	0	0	0	0	4,659,657	4,652,497	
2023	2	4,674,574	8,669	0	0	0	0	0	0	0	1.00	0	0	0	0	4,667,098	4,659,657	
2023	3	4,682,008	8,681	0	0	0	0	0	0	0	1.00	0	0	0	0	4,674,574	4,667,098	
2023	4	4,686,653	8,694	1	0	0	0	0	0	0	1.00	0	0	0	0	4,682,008	4,674,574	
2023	5	4,686,941	8,706	0	1	0	0	0	0	0	1.00	0	0	0	0	4,686,653	4,682,008	
2023	6	4,689,697	8,717	0	0	1	0	0	0	0	1.00	0	0	0	0	4,686,941	4,686,653	
2023	7	4,693,304	8,726	0	0	0	1	0	0	0	1.00	0	0	0	0	4,689,697	4,686,941	
2023	8	4,698,288	8,736	0	0	0	0	1	0	0	1.00	0	0	0	0	4,693,304	4,689,697	
2023	9	4,700,382	8,747	0	0	0	0	0	1	0	1.00	0	0	0	0	4,698,288	4,693,304	
2023	10	4,703,640	8,759	0	0	0	0	0	0	1	1.00	0	0	0	0	4,700,382	4,698,288	
2023	11	4,710,086	8,769	0	0	0	0	0	0	0	1.00	0	0	0	0	4,703,640	4,700,382	
2023	12	4,717,506	8,779	0	0	0	0	0	0	0	1.00	0	0	0	0	4,710,086	4,703,640	

Year	Month	Residential Use							Real Electric Price Increase 12 Month Average Cents / kWh	Indicator Variable for Hurricane Irma	Indicator Variable for Hurricane Wilma	Indicator Variable for April 2020	Codes and Standards	Impact of Electric Vehicles	Impact of Private Solar	DSM Impact	Bill Days
		Residential Sales (MWh)	Residential Customers	Per Customer per Bill Day (kWh)	Bill Day Heating Degree Hours Base - 56	Bill Day Cooling Degree Hours Base - 72 - 80	Bill Day Cooling Degree Hours Base - 80	Florida Real Income per Household (\$1,000's)									
2005	8	5,952,934	3,843,228	52.211	0.000	191.025	99.426	89.923	12.797	0	0	0	0.000	0	0	0	29.667
2005	9	5,901,465	3,845,823	50.352	0.000	188.018	87.887	90.220	12.820	0	0	0	0.000	0	0	0	30.476
2005	10	5,244,908	3,846,999	45.956	0.035	172.451	52.286	90.468	12.834	0	0	1	0.000	0	0	0	29.667
2005	11	3,800,106	3,849,102	33.172	0.398	97.444	14.419	90.994	12.869	0	0	0	0.000	0	0	0	29.762
2005	12	3,884,698	3,859,377	31.131	3.873	39.703	1.153	91.677	12.893	0	0	0	0.000	0	0	0	32.333
2006	1	4,154,740	3,872,326	31.645	17.146	18.691	0.077	93.086	13.078	0	0	0	0.020	0	0	0	33.905
2006	2	3,662,362	3,879,506	31.468	21.253	17.388	0.126	93.656	13.273	0	0	0	0.022	0	0	0	30.000
2006	3	3,556,452	3,890,134	31.116	9.366	33.539	1.875	93.956	13.456	0	0	0	0.044	0	0	0	29.381
2006	4	3,819,200	3,898,256	33.238	2.889	62.212	9.302	93.655	13.637	0	0	0	0.089	0	0	0	29.476
2006	5	4,421,975	3,895,260	38.513	0.000	103.727	29.650	93.672	13.824	0	0	0	0.166	0	0	0	29.476
2006	6	5,205,315	3,900,600	43.516	0.000	148.741	49.483	93.673	14.013	0	0	0	0.230	0	0	0	30.667
2006	7	5,542,797	3,902,901	46.310	0.000	172.281	59.056	93.474	14.203	0	0	0	0.269	0	0	0	30.667
2006	8	5,644,434	3,911,165	48.803	0.000	182.664	80.378	93.582	14.396	0	0	0	0.315	0	0	0	29.571
2006	9	5,487,448	3,918,631	45.877	0.000	173.903	61.041	93.811	14.590	0	0	0	0.271	0	0	0	30.524
2006	10	5,042,901	3,923,143	43.399	0.005	154.870	50.580	94.417	14.792	0	0	0	0.245	0	0	0	29.619
2006	11	4,106,098	3,935,484	34.834	1.722	92.725	16.734	94.700	14.981	0	0	0	0.130	0	0	0	29.952
2006	12	3,926,764	3,947,802	30.900	6.401	46.526	1.163	94.913	15.180	0	0	0	0.053	0	0	0	32.190
2007	1	4,283,866	3,955,335	31.944	2.672	48.761	0.701	94.977	15.180	0	0	0	0.093	0	0	0	33.905
2007	2	3,726,114	3,965,136	31.374	14.814	22.307	0.876	95.114	15.180	0	0	0	0.050	0	0	0	29.952
2007	3	3,644,338	3,975,438	31.100	9.624	39.744	1.333	95.244	15.180	0	0	0	0.092	0	0	0	29.476
2007	4	3,702,031	3,979,792	31.660	1.318	59.961	4.264	95.437	15.180	0	0	0	0.142	0	0	0	29.381
2007	5	4,204,168	3,978,583	35.791	0.365	96.120	19.553	95.498	15.180	0	0	0	0.248	0	0	0	29.524
2007	6	4,813,296	3,981,256	39.485	0.000	131.711	33.916	95.497	15.180	0	0	0	0.344	0	0	0	30.619
2007	7	5,633,379	3,986,068	45.942	0.000	172.150	69.065	95.453	15.180	0	0	0	0.498	0	0	0	30.762
2007	8	5,741,024	3,991,803	48.792	0.000	184.590	90.263	95.318	15.180	0	0	0	0.606	0	0	0	29.476
2007	9	6,003,705	3,990,293	49.216	0.000	185.025	88.071	95.110	15.180	0	0	0	0.564	0	0	0	30.571
2007	10	5,088,979	3,990,563	42.986	0.000	168.324	49.824	94.750	15.180	0	0	0	0.467	0	0	0	29.667
2007	11	4,284,518	3,990,843	35.844	0.312	114.171	18.234	94.453	15.180	0	0	0	0.282	0	0	0	29.952
2007	12	4,013,037	3,992,297	31.134	2.153	61.844	2.171	94.142	15.180	0	0	0	0.129	0	0	0	32.286
2008	1	4,234,068	3,995,414	31.701	14.327	39.772	0.871	93.388	15.180	0	0	0	0.609	0	0	0	33.429
2008	2	3,604,218	4,001,651	29.693	2.580	36.225	1.579	93.368	15.180	0	0	0	0.604	0	0	0	30.333
2008	3	3,598,528	4,003,023	30.596	5.592	47.283	4.302	93.652	15.180	0	0	0	0.678	0	0	0	29.381
2008	4	3,779,247	4,001,785	32.143	1.086	69.791	6.648	95.387	15.180	0	0	0	0.726	0	0	0	29.381
2008	5	4,283,255	3,996,910	36.240	0.201	103.971	26.181	95.424	15.180	0	0	0	0.900	0	0	0	29.571
2008	6	5,282,805	3,996,829	43.100	0.000	161.179	57.466	94.906	15.180	0	0	0	1.160	0	0	0	30.667
2008	7	5,301,896	3,991,810	43.378	0.000	166.861	57.964	92.658	15.180	0	0	0	1.204	0	0	0	30.619
2008	8	5,331,471	3,989,187	45.268	0.000	178.322	72.046	91.914	15.204	0	0	0	1.362	0	0	0	29.524
2008	9	5,632,133	3,985,030	46.016	0.000	188.185	77.305	91.499	15.240	0	0	0	1.387	0	0	0	30.714
2008	10	4,805,005	3,983,523	40.856	0.006	159.483	40.618	91.977	15.295	0	0	0	1.242	0	0	0	29.524
2008	11	3,672,851	3,981,138	31.400	2.288	80.157	9.509	91.794	15.357	0	0	0	0.859	0	0	0	29.381
2008	12	3,703,339	3,980,785	28.354	7.136	30.435	1.771	91.516	15.427	0	0	0	0.598	0	0	0	32.810
2009	1	3,931,715	3,981,732	29.371	9.447	26.933	0.072	90.743	15.494	0	0	0	0.689	0	0	0	33.619
2009	2	3,843,119	3,986,717	31.930	35.762	15.179	0.144	90.574	15.577	0	0	0	0.627	0	0	0	30.190
2009	3	3,354,308	3,987,693	28.630	11.113	28.719	0.883	90.609	15.643	0	0	0	0.734	0	0	0	29.381
2009	4	3,695,347	3,987,872	31.539	0.724	72.793	11.365	91.407	15.718	0	0	0	0.916	0	0	0	29.381
2009	5	4,232,804	3,984,699	35.750	0.192	110.672	24.481	91.432	15.782	0	0	0	1.103	0	0	0	29.714
2009	6	4,857,369	3,984,326	39.940	0.000	146.447	44.776	91.242	15.834	0	0	0	1.269	0	0	0	30.524
2009	7	5,575,986	3,984,488	45.633	0.000	178.954	82.157	90.319	15.896	0	0	0	1.579	0	0	0	30.667
2009	8	5,525,885	3,984,668	47.048	0.000	188.288	91.573	90.090	15.896	0	0	0	1.785	0	0	0	29.476
2009	9	5,490,522	3,981,876	45.174	0.000	182.827	75.598	90.036	15.896	0	0	0	1.617	0	0	0	30.524
2009	10	5,140,397	3,980,940	43.456	0.020	170.646	69.702	90.101	15.896	0	0	0	1.650	0	0	0	29.714
2009	11	4,356,809	3,984,445	36.977	0.152	126.890	34.344	90.438	15.896	0	0	0	1.326	0	0	0	29.571
2009	12	3,945,268	3,984,423	30.356	3.115	61.352	4.160	90.990	15.896	0	0	0	0.868	0	0	0	32.619
2010	1	5,216,443	3,988,092	38.742	69.461	22.241	0.951	92.143	15.896	0	0	0	0.803	0	0	0	33.762
2010	2	3,987,392	3,996,803	33.202	39.398	13.574	0.082	92.837	15.896	0	0	0	0.746	0	0	0	30.048
2010	3	3,850,643	4,002,154	32.747	38.591	6.543	0.000	93.458	15.896	0	0	0	0.753	0	0	0	29.381
2010	4	3,335,505	4,005,428	28.343	1.878	42.988	1.756	94.005	15.896	0	0	0	0.889	0	0	0	29.381
2010	5	4,299,631	4,006,527	36.349	0.000	119.758	28.108	94.483	15.896	0	0	0	1.410	0	0	0	29.524
2010	6	5,503,338	4,006,189	44.726	0.000	170.456	73.530	94.889	15.896	0	0	0	1.814	0	0	0	30.714
2010	7	5,922,255	4,006,320	48.354	0.000	189.449	101.908	95.209	15.896	0	0	0	2.084	0	0	0	30.571
2010	8	5,850,882	4,009,524	49.188	0.000	193.647	105.265	95.485	15.896	0	0	0	2.227	0	0	0	29.667
2010	9	5,646,215	4,007,495	46.230	0.000	188.560	85.418	95.702	15.896	0	0	0	2.097	0	0	0	30.476

Year	Month	Residential Use							Real Electric Price Increase 12 Month Average	Indicator Variable for Hurricane Irma	Indicator Variable for Hurricane Wilma	Indicator Variable for April 2020	Codes and Standards	Impact of Electric Vehicles	Impact of Private Solar	DSM Impact	Bill Days
		Residential Sales (MWh)	Residential Customers	Per Customer per Bill Day (kWh)	Bill Day Heating Degree Hours Base - 56	Bill Day Cooling Degree Hours Base - 72 - 80	Bill Day Cooling Degree Hours Base - 80	Florida Real Income per Household (\$1,000's)									
2010	10	4,656,525	4,006,475	39.177	0.000	149.152	45.327	95.928	15.896	0	0	0	1.763	0	0	0	29.667
2010	11	3,910,019	4,007,538	32.782	1.147	96.955	16.601	95.974	15.896	0	0	0	1.351	0	0	0	29.762
2010	12	4,163,656	4,009,847	32.890	35.124	36.878	1.063	95.910	15.896	0	0	0	0.934	0	0	0	31.571
2011	1	4,535,157	4,015,002	34.478	50.425	8.095	0.000	95.555	15.896	0	0	0	0.862	0	0	0	32.762
2011	2	3,488,609	4,021,384	29.914	19.033	18.373	0.303	95.406	15.896	0	0	0	0.916	0	0	0	29.000
2011	3	3,412,863	4,027,937	28.885	3.605	43.083	2.511	95.280	15.896	0	0	0	1.105	0	0	0	29.333
2011	4	4,182,618	4,030,950	33.524	0.748	90.606	19.923	95.207	15.896	0	0	0	1.348	0	0	0	30.952
2011	5	4,641,773	4,029,779	39.015	0.000	134.525	40.994	95.110	15.896	0	0	0	1.781	0	0	0	29.524
2011	6	5,379,684	4,028,663	42.618	0.000	162.280	67.043	95.019	15.896	0	0	0	1.979	0	0	0	31.333
2011	7	5,462,625	4,028,593	44.148	0.000	179.213	77.881	94.866	15.896	0	0	0	2.186	0	0	0	30.714
2011	8	5,792,966	4,028,766	47.930	0.000	190.809	103.011	94.832	15.896	0	0	0	2.512	0	0	0	30.000
2011	9	5,823,652	4,024,718	44.884	0.000	182.286	76.072	94.853	15.896	0	0	0	2.171	0	0	0	32.238
2011	10	4,694,930	4,025,416	39.314	0.000	151.136	43.686	95.026	15.896	0	0	0	2.026	0	0	0	29.667
2011	11	3,596,927	4,027,556	30.745	0.000	82.125	6.570	95.079	15.896	0	0	0	1.435	0	0	0	29.048
2011	12	3,630,694	4,032,352	29.360	0.861	51.247	1.661	95.110	15.896	0	0	0	1.189	0	0	0	30.667
2012	1	4,000,847	4,037,796	30.112	17.709	27.268	0.120	95.039	15.896	0	0	0	1.108	0	0	0	32.905
2012	2	3,390,701	4,043,285	28.775	8.875	30.719	0.643	95.090	15.896	0	0	0	1.178	0	0	0	29.143
2012	3	3,701,821	4,051,099	30.753	4.132	54.768	3.955	95.180	15.896	0	0	0	1.358	0	0	0	29.714
2012	4	4,090,950	4,053,654	33.063	0.134	77.606	10.148	95.504	15.896	0	0	0	1.445	0	0	0	30.524
2012	5	4,194,020	4,052,782	34.386	0.000	98.915	15.194	95.527	15.896	0	0	0	1.656	0	0	0	30.095
2012	6	5,175,283	4,051,323	40.645	0.000	152.536	44.900	95.442	15.896	0	0	0	2.164	0	0	0	31.429
2012	7	5,521,777	4,052,570	44.293	0.000	176.736	65.387	94.577	15.896	0	0	0	2.544	0	0	0	30.762
2012	8	5,763,728	4,054,570	46.211	0.000	184.251	78.011	94.786	15.896	0	0	0	2.733	0	0	0	30.762
2012	9	5,422,320	4,053,644	43.959	0.000	180.955	64.474	95.394	15.896	0	0	0	2.709	0	0	0	30.429
2012	10	4,950,074	4,055,163	40.305	0.014	161.556	42.545	98.170	15.896	0	0	0	2.483	0	0	0	30.286
2012	11	3,733,525	4,058,216	30.521	0.514	73.577	10.147	98.251	15.896	0	0	0	1.589	0	0	0	30.143
2012	12	3,489,145	4,061,984	28.141	2.498	37.597	0.531	97.406	15.896	0	0	0	1.282	0	0	0	30.524
2013	1	3,857,663	4,068,399	29.808	7.018	39.148	0.592	93.536	15.896	0	0	0	1.572	0	0	0	31.810
2013	2	3,479,224	4,072,597	28.796	6.409	32.953	0.729	92.416	15.896	0	0	0	1.440	0	0	0	29.667
2013	3	3,505,056	4,078,650	30.028	18.440	28.804	2.030	91.945	15.896	0	0	0	1.513	0	0	0	28.619
2013	4	3,880,757	4,081,968	31.342	7.047	58.616	7.259	93.055	15.896	0	0	0	1.635	0	0	0	30.333
2013	5	4,441,924	4,083,253	35.037	0.000	101.008	15.348	93.183	15.896	0	0	0	1.992	0	0	0	31.048
2013	6	4,885,839	4,084,806	39.432	0.000	144.613	32.986	93.262	15.896	0	0	0	2.520	0	0	0	30.333
2013	7	5,403,323	4,091,309	43.676	0.000	178.671	57.746	93.207	15.896	0	0	0	3.075	0	0	0	30.238
2013	8	5,719,662	4,100,454	44.996	0.000	184.081	73.475	93.249	15.896	0	0	0	3.215	0	0	0	31.000
2013	9	5,725,032	4,112,677	43.827	0.000	181.270	66.914	93.305	15.896	0	0	0	3.065	0	0	0	31.762
2013	10	4,867,809	4,124,489	40.170	0.000	158.499	42.003	93.208	15.896	0	0	0	3.038	0	0	0	29.381
2013	11	4,222,467	4,130,692	34.792	0.000	114.602	19.280	93.415	15.896	0	0	0	2.467	0	0	0	29.381
2013	12	3,941,258	4,136,766	30.592	1.641	66.060	4.130	93.759	15.896	0	0	0	1.854	0	0	0	31.143
2014	1	4,251,593	4,143,809	31.546	11.704	41.621	1.818	94.428	15.929	0	0	0	1.940	0	0	0	32.524
2014	2	3,846,220	4,150,625	31.337	14.739	34.158	1.069	94.904	15.965	0	0	0	1.818	0	0	0	29.571
2014	3	3,620,058	4,157,504	30.274	1.907	45.722	1.930	95.377	15.985	0	0	0	2.056	0	0	0	28.762
2014	4	3,866,195	4,161,055	31.370	0.268	66.724	6.746	95.899	16.021	0	0	0	2.118	0	0	0	29.619
2014	5	4,759,681	4,163,079	37.224	0.000	120.622	28.593	96.323	16.059	0	0	0	2.751	0	0	0	30.714
2014	6	5,069,974	4,165,874	39.685	0.000	147.943	40.121	96.703	16.092	0	0	0	3.051	0	0	0	30.667
2014	7	5,464,416	4,169,041	42.675	0.000	168.051	60.054	96.915	16.123	0	0	0	3.500	0	0	0	30.714
2014	8	5,890,546	4,172,469	45.822	0.000	183.409	81.008	97.301	16.157	0	0	0	3.920	0	0	0	30.810
2014	9	5,886,305	4,177,177	45.667	0.000	179.786	77.339	97.735	16.197	0	0	0	3.886	0	0	0	30.857
2014	10	4,873,631	4,182,719	39.275	0.000	150.512	38.844	98.311	16.234	0	0	0	3.475	0	0	0	29.667
2014	11	3,922,851	4,189,026	31.215	1.893	77.942	12.057	98.773	16.271	0	0	0	2.482	0	0	0	30.000
2014	12	3,750,952	4,195,956	29.287	6.807	44.401	2.627	99.216	16.320	0	0	0	2.093	0	0	0	30.524
2015	1	4,058,058	4,202,391	29.999	3.971	37.363	1.125	99.668	16.320	0	0	0	2.336	0	0	0	32.190
2015	2	3,583,165	4,209,051	28.558	12.252	12.995	0.100	100.048	16.320	0	0	0	1.964	0	0	0	29.810
2015	3	3,997,463	4,216,219	32.374	10.307	54.555	5.696	100.385	16.320	0	0	0	2.585	0	0	0	29.286
2015	4	4,513,543	4,219,370	35.433	0.104	97.916	18.014	100.702	16.320	0	0	0	2.903	0	0	0	30.190
2015	5	5,017,344	4,220,764	38.703	0.000	132.349	33.848	100.940	16.320	0	0	0	3.293	0	0	0	30.714
2015	6	5,525,876	4,224,554	42.987	0.000	163.212	55.513	101.120	16.320	0	0	0	3.796	0	0	0	30.429
2015	7	6,116,246	4,227,891	46.882	0.000	184.556	85.192	101.216	16.320	0	0	0	4.283	0	0	0	30.857
2015	8	5,966,454	4,232,387	45.545	0.000	184.960	81.549	101.301	16.320	0	0	0	4.318	0	0	0	30.952
2015	9	5,836,344	4,235,561	45.214	0.000	181.852	73.888	101.350	16.320	0	0	0	4.374	0	0	0	30.476
2015	10	5,065,178	4,239,444	40.273	0.000	152.794	41.322	101.251	16.320	0	0	0	3.964	0	0	0	29.667
2015	11	4,799,019	4,246,837	38.090	0.000	137.414	24.888	101.310	16.320	0	0	0	3.674	0	0	0	29.667

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Year	Month	Residential Use							Real Electric Price Increase 12 Month Average	Indicator Variable for Hurricane Irma	Indicator Variable for Wilma	Indicator Variable for April 2020	Codes and Standards	Impact of			
		Residential Sales (MWh)	Residential Customers	Per Customer per Bill Day (kWh)	Bill Day Heating Degree Hours Base - 56	Bill Day Cooling Degree Hours Base - 72 - 80	Bill Day Cooling Degree Hours Base - 80	Florida Real Income per Household (\$1,000's)						Cents / kWh	Electric Vehicles	Private Solar	DSM Impact
2015	12	4,367,653	4,254,635	32.963	0.000	78.725	6.653	101.415	16.320	0	0	0	2.871	0	0	0	31.143
2016	1	4,412,584	4,259,323	32.183	4.510	58.450	4.267	101.708	16.320	0	0	0	3.065	0	0	0	32.190
2016	2	3,653,290	4,265,184	29.682	19.081	13.545	0.128	101.798	16.320	0	0	0	2.519	0	0	0	28.857
2016	3	3,911,230	4,271,136	29.631	6.598	38.720	3.019	101.826	16.320	0	0	0	2.703	0	0	0	30.905
2016	4	4,323,232	4,275,114	33.027	0.416	80.929	11.035	101.631	16.320	0	0	0	3.112	0	0	0	30.619
2016	5	4,600,345	4,278,434	36.419	0.000	109.654	21.677	101.661	16.320	0	0	0	3.651	0	0	0	29.524
2016	6	5,567,418	4,281,672	42.335	0.000	159.996	52.942	101.754	16.320	0	0	0	4.371	0	0	0	30.714
2016	7	6,531,614	4,285,720	48.127	0.000	187.090	92.692	102.011	16.320	0	0	0	5.088	0	0	0	31.667
2016	8	6,387,568	4,290,607	48.320	0.000	189.267	99.681	102.149	16.320	0	0	0	5.440	0	0	0	30.810
2016	9	6,081,876	4,293,801	45.552	0.000	185.670	81.409	102.271	16.320	0	0	0	5.220	0	0	0	31.095
2016	10	5,177,232	4,297,087	40.612	0.000	165.837	51.827	102.131	16.320	0	0	0	5.023	0	0	0	29.667
2016	11	4,037,833	4,302,544	32.308	0.162	96.685	10.235	102.405	16.320	0	0	0	3.804	0	0	0	29.048
2016	12	4,003,199	4,309,280	30.292	0.432	62.538	3.358	102.847	16.320	0	0	0	3.233	0	0	0	30.667
2017	1	4,256,429	4,315,281	30.596	5.437	60.591	4.389	103.822	16.335	0	0	0	3.529	0	0	0	32.238
2017	2	3,519,494	4,321,075	28.460	5.735	39.827	2.067	104.323	16.347	0	0	0	3.236	0	0	0	28.619
2017	3	3,745,336	4,327,393	29.315	1.662	46.071	2.854	104.717	16.385	0	0	0	3.346	0	0	0	29.524
2017	4	4,193,611	4,331,440	31.769	1.639	75.108	10.798	104.929	16.455	0	0	0	3.491	0	0	0	30.476
2017	5	4,960,292	4,334,765	37.257	0.009	122.354	32.586	105.166	16.515	0	0	0	4.245	0	0	0	30.714
2017	6	5,664,162	4,337,849	41.421	0.000	165.123	57.688	105.352	16.575	0	0	0	4.786	0	0	0	31.524
2017	7	6,159,475	4,341,942	45.691	0.000	190.158	91.111	105.352	16.637	0	0	0	5.733	0	0	0	31.048
2017	8	6,103,288	4,346,294	46.883	0.000	193.159	106.630	105.543	16.700	0	0	0	6.269	0	0	0	29.952
2017	9	5,841,574	4,344,843	43.910	0.000	189.029	94.815	105.787	16.772	1	0	0	5.964	0	0	0	30.619
2017	10	5,419,395	4,347,889	41.417	0.011	180.659	60.711	106.068	16.835	0	0	0	5.824	0	0	0	30.095
2017	11	4,271,266	4,352,743	33.130	0.115	106.038	18.162	106.432	16.897	0	0	0	4.425	0	0	0	29.619
2017	12	4,053,934	4,357,179	30.198	6.525	64.183	3.477	106.861	16.960	0	0	0	3.718	0	0	0	30.810
2018	1	4,407,170	4,363,219	31.378	24.291	24.383	0.571	107.671	16.978	0	0	0	3.422	0	0	0	32.190
2018	2	3,921,574	4,368,710	30.161	11.324	41.016	1.563	107.993	16.984	0	0	0	3.535	0	0	0	29.762
2018	3	3,865,265	4,376,774	30.205	4.244	54.932	4.135	108.145	16.984	0	0	0	4.027	0	0	0	29.238
2018	4	4,123,431	4,381,864	31.518	3.153	63.832	7.164	107.774	16.984	0	0	0	3.850	0	0	0	29.857
2018	5	4,648,758	4,385,290	34.355	0.000	101.344	13.305	107.851	16.984	0	0	0	4.334	0	0	0	30.857
2018	6	5,204,313	4,388,477	38.670	0.000	144.174	33.663	108.023	16.984	0	0	0	5.171	0	0	0	30.667
2018	7	6,024,905	4,392,728	44.586	0.000	173.681	66.425	108.487	16.984	0	0	0	6.225	0	0	0	30.762
2018	8	6,237,242	4,397,811	45.611	0.000	183.031	73.049	108.700	16.984	0	0	0	6.563	0	0	0	31.095
2018	9	5,813,687	4,400,749	43.897	0.000	181.758	66.646	108.859	16.984	0	0	0	6.721	0	0	0	30.095
2018	10	5,891,930	4,405,981	44.717	0.000	182.295	67.643	108.778	16.984	0	0	0	7.021	0	0	0	29.905
2018	11	4,861,703	4,411,146	36.507	0.665	119.060	24.615	108.971	16.984	0	0	0	5.356	0	0	0	30.190
2018	12	4,096,297	4,429,233	30.299	9.331	54.051	5.480	109.251	16.984	0	0	0	4.120	0	0	0	30.524
2019	1	4,162,141	4,450,543	29.095	9.225	33.197	0.879	109.844	16.984	0	0	0	3.840	0	0	0	32.143
2019	2	3,753,318	4,455,884	29.046	10.706	29.646	1.360	110.127	16.984	0	0	0	3.716	0	0	0	29.000
2019	3	4,086,196	4,461,679	31.272	2.089	63.054	5.949	110.327	16.984	0	0	0	4.454	0	0	0	29.286
2019	4	4,340,013	4,466,611	31.684	0.541	68.610	6.972	110.398	16.984	0	0	0	4.045	0	0	0	30.667
2019	5	4,942,644	4,471,736	37.138	0.000	126.194	27.533	110.468	16.991	0	0	0	5.323	0	0	0	29.762
2019	6	5,858,593	4,476,842	42.740	0.000	170.590	64.929	110.490	16.997	0	0	0	6.215	0	0	0	30.619
2019	7	6,246,917	4,482,261	45.446	0.000	184.074	91.004	110.339	17.005	0	0	0	6.912	0	0	0	30.667
2019	8	6,080,453	4,487,915	43.907	0.000	185.701	77.521	110.361	17.024	0	0	0	6.840	0	0	0	30.857
2019	9	6,295,070	4,491,556	45.003	0.000	192.095	87.926	110.430	17.024	0	0	0	7.126	0	0	0	31.143
2019	10	5,721,564	4,497,317	41.615	0.000	181.075	64.760	110.643	17.024	0	0	0	6.941	0	0	0	30.571
2019	11	4,944,831	4,502,140	37.201	0.014	144.789	40.324	110.734	17.024	0	0	0	6.290	0	0	0	29.524
2019	12	3,893,061	4,507,728	28.031	2.244	53.588	4.626	110.800	17.024	0	0	0	4.355	0	0	0	30.810
2020	1	4,184,259	4,514,328	28.922	3.716	53.899	2.376	108.643	17.024	0	0	0	4.562	0	0	0	32.048
2020	2	3,790,831	4,522,088	28.532	8.117	44.842	3.257	110.307	17.024	0	0	0	4.445	0	0	0	29.381
2020	3	4,060,822	4,528,056	30.474	4.484	65.304	9.307	113.589	17.024	0	0	0	4.948	0	0	0	29.429
2020	4	5,280,885	4,533,622	37.866	0.000	115.477	32.017	123.339	17.024	0	1	0	5.585	0	0	0	30.762
2020	5	5,356,574	4,539,306	38.479	0.000	125.509	35.680	126.218	17.024	0	0	0	5.753	0	0	0	30.667
2020	6	5,931,906	4,547,303	42.275	0.000	155.135	46.547	127.082	17.024	0	0	0	6.221	0	0	0	30.857
2020	7	6,721,196	4,553,350	47.984	0.000	187.256	97.973	122.655	17.024	0	0	0	7.722	0	0	0	30.762
2020	8	6,505,581	4,558,411	46.166	0.000	183.782	82.627	121.945	17.024	0	0	0	7.660	3,421	-9,220	-2,327	30.952
2020	9	6,290,927	4,559,690	45.330	0.000	182.653	74.936	121.676	17.024	0	0	0	7.580	2,979	-8,958	-2,243	30.476
2020	10	5,623,890	4,561,768	41.613	0.005	161.996	48.746	124.373	17.024	0	0	0	7.272	3,421	-9,009	-2,145	29.667
2020	11	4,838,174	4,566,839	34.976	0.497	104.025	18.003	123.092	17.024	0	0	0	5.699	2,979	-8,069	-1,787	30.333
2020	12	4,187,139	4,572,756	30.566	5.627	50.706	2.748	120.360	17.024	0	0	0	4.810	3,421	-7,774	-1,664	30.000
2021	1	4,416,442	4,578,788	30.484	19.613	29.488	0.873	112.256	17.024	0	0	0	4.571	7,080	-8,182	-2,526	31.667

Year	Month	Residential Use				Real Electric Price			Indicator Variable for Hurricane Irma	Indicator Variable for Hurricane Wilma	Indicator Variable for April 2020	Codes and Standards	Impact of			Bill Days
		Residential Sales (MWh)	Residential Customers	Per Customer per Bill Day	Bill Day Heating Degree Hours Base - 56	Bill Day Cooling Degree Hours Base - 72 - 80	Bill Day Cooling Degree Hours Base - 80	Florida Real Income per Household (\$1,000's)					Increase 12 Month Average Cents / kWh	Impact of Electric Vehicles	Impact of Private Solar	
2021	2	4,047,420	4,584,708	29.703	18.268	23.353	0.636	109.566	17.026	0	0	4.173	5,399	-8,539	-2,393	29.762
2021	3	3,974,850	4,590,453	29.194	7.946	41.709	3.122	108.366	17.026	0	0	4.784	7,080	-11,809	-2,452	29.714
2021	4	4,307,250	4,593,251	30.782	1.443	68.631	8.835	110.719	17.026	0	0	4.962	6,520	-12,391	-2,680	30.524
2021	5	4,800,669	4,591,601	34.424	0.072	107.533	23.317	110.947	17.026	0	0	5.936	7,080	-13,139	-2,865	30.429
2021	6	5,565,979	4,592,387	39.706	0.000	151.942	48.713	111.113	17.026	0	0	7.049	6,520	-11,882	-3,197	30.571
2021	7	6,154,218	4,594,073	43.278	0.000	176.043	70.746	111.208	17.026	0	0	7.964	7,080	-12,898	-3,435	31.000
2021	8	6,389,529	4,597,196	44.821	0.000	183.782	82.627	111.262	17.026	0	0	8.466	7,080	-21,273	-3,467	31.095
2021	9	6,178,802	4,597,501	43.948	0.000	182.653	74.936	111.264	17.026	0	0	8.517	6,520	-20,624	-3,342	30.667
2021	10	5,425,491	4,599,054	39.952	0.005	161.996	48.746	111.075	17.026	0	0	8.192	7,080	-20,697	-3,195	29.619
2021	11	4,575,337	4,603,899	33.498	0.497	104.025	18.003	111.080	17.026	0	0	6.470	6,520	-18,501	-2,662	29.762
2021	12	4,139,816	4,609,843	29.514	5.627	50.706	2.748	111.137	17.026	0	0	5.203	7,080	-17,789	-2,480	30.524
2022	1	4,485,677	4,616,161	30.274	19.613	29.488	0.873	111.331	17.090	0	0	4.777	12,993	-18,222	-4,367	32.167
2022	2	3,998,301	4,622,604	29.671	18.268	23.353	0.636	111.433	17.155	0	0	4.510	10,740	-18,518	-4,137	29.238
2022	3	3,994,393	4,629,090	29.259	7.946	41.709	3.122	111.526	17.221	0	0	5.099	12,993	-24,951	-4,240	29.611
2022	4	4,293,450	4,632,877	30.583	1.443	68.631	8.835	111.580	17.286	0	0	5.287	12,242	-25,521	-4,633	30.429
2022	5	4,786,780	4,632,392	34.152	0.072	107.533	23.317	111.677	17.352	0	0	6.315	12,993	-26,393	-4,954	30.373
2022	6	5,606,667	4,634,456	39.393	0.000	151.942	48.713	111.788	17.419	0	0	7.426	12,242	-23,288	-5,527	30.802
2022	7	6,139,453	4,637,448	42.883	0.000	176.043	70.746	111.950	17.485	0	0	8.458	12,993	-24,676	-5,939	30.961
2022	8	6,309,479	4,641,891	44.348	0.000	183.782	82.627	112.058	17.552	0	0	9.071	12,993	-31,739	-5,994	30.770
2022	9	6,165,145	4,643,517	43.484	0.000	182.653	74.936	112.151	17.619	0	0	9.030	12,242	-30,251	-5,778	30.651
2022	10	5,473,608	4,646,379	39.523	0.005	161.996	48.746	112.194	17.686	0	0	8.587	12,993	-29,859	-5,524	29.929
2022	11	4,551,665	4,652,497	33.042	0.497	104.025	18.003	112.283	17.754	0	0	6.857	12,242	-26,263	-4,603	29.730
2022	12	4,136,589	4,659,657	29.069	5.627	50.706	2.748	112.383	17.821	0	0	5.482	12,993	-24,858	-4,287	30.659
2023	1	4,475,011	4,667,098	29.875	19.613	29.488	0.873	112.502	17.847	0	0	4.979	21,877	-25,526	-6,271	32.167
2023	2	3,991,165	4,674,574	29.298	18.268	23.353	0.636	112.618	17.874	0	0	4.704	18,763	-26,008	-5,941	29.238
2023	3	3,988,230	4,682,008	28.906	7.946	41.709	3.122	112.739	17.900	0	0	5.304	21,877	-35,132	-6,088	29.611
2023	4	4,294,743	4,686,653	30.269	1.443	68.631	8.835	112.882	17.925	0	0	5.476	20,839	-36,026	-6,653	30.429
2023	5	4,797,700	4,686,941	33.861	0.072	107.533	23.317	113.001	17.951	0	0	6.507	21,877	-37,353	-7,114	30.373
2023	6	5,631,826	4,689,697	39.127	0.000	151.942	48.713	113.112	17.977	0	0	7.612	20,839	-33,044	-7,937	30.802
2023	7	6,172,976	4,693,304	42.632	0.000	176.043	70.746	113.214	18.002	0	0	8.652	21,877	-35,104	-8,528	30.961
2023	8	6,349,631	4,698,288	44.117	0.000	183.782	82.627	113.314	18.027	0	0	9.272	21,877	-41,339	-8,607	30.770
2023	9	6,207,894	4,700,382	43.276	0.000	182.653	74.936	113.408	18.052	0	0	9.231	20,839	-39,407	-8,297	30.651
2023	10	5,512,254	4,703,640	39.334	0.005	161.996	48.746	113.463	18.077	0	0	8.801	21,877	-38,903	-7,932	29.929
2023	11	4,584,559	4,710,086	32.882	0.497	104.025	18.003	113.573	18.102	0	0	7.064	20,839	-34,222	-6,609	29.730
2023	12	4,168,813	4,717,506	28.938	5.627	50.706	2.748	113.704	18.125	0	0	5.687	21,877	-32,397	-6,156	30.659

Year	Month	Small Industrial Customers Model Ouput	Florida Housing Starts (1,000's)	Indicator Variable for Vero Beach	Indicator Variable for January 2016	One Period Lag of Small Industrial Customers	Two Period Lag of Small Industrial Customers
2007	1	19,238	126	0	0	19,457	19,304
2007	2	19,224	119	0	0	19,238	19,457
2007	3	18,896	114	0	0	19,224	19,238
2007	4	18,274	115	0	0	18,896	19,224
2007	5	17,839	111	0	0	18,274	18,896
2007	6	17,148	107	0	0	17,839	18,274
2007	7	16,453	100	0	0	17,148	17,839
2007	8	15,845	95	0	0	16,453	17,148
2007	9	15,447	90	0	0	15,845	16,453
2007	10	14,934	83	0	0	15,447	15,845
2007	11	14,382	79	0	0	14,934	15,447
2007	12	13,788	76	0	0	14,382	14,934
2008	1	13,248	76	0	0	13,788	14,382
2008	2	12,806	74	0	0	13,248	13,788
2008	3	12,343	71	0	0	12,806	13,248
2008	4	12,058	68	0	0	12,343	12,806
2008	5	11,747	65	0	0	12,058	12,343
2008	6	11,552	63	0	0	11,747	12,058
2008	7	11,343	60	0	0	11,552	11,747
2008	8	11,113	57	0	0	11,343	11,552
2008	9	10,990	54	0	0	11,113	11,343
2008	10	10,759	53	0	0	10,990	11,113
2008	11	10,483	49	0	0	10,759	10,990
2008	12	10,143	45	0	0	10,483	10,759
2009	1	9,636	38	0	0	10,143	10,483
2009	2	9,301	35	0	0	9,636	10,143
2009	3	9,046	32	0	0	9,301	9,636
2009	4	8,721	32	0	0	9,046	9,301
2009	5	8,545	31	0	0	8,721	9,046
2009	6	8,285	31	0	0	8,545	8,721
2009	7	8,164	32	0	0	8,285	8,545
2009	8	8,006	32	0	0	8,164	8,285
2009	9	7,888	33	0	0	8,006	8,164
2009	10	7,812	34	0	0	7,888	8,006
2009	11	7,737	35	0	0	7,812	7,888
2009	12	7,596	37	0	0	7,737	7,812
2010	1	7,414	42	0	0	7,596	7,737
2010	2	7,383	43	0	0	7,414	7,596
2010	3	7,333	43	0	0	7,383	7,414
2010	4	7,348	42	0	0	7,333	7,383
2010	5	7,271	41	0	0	7,348	7,333
2010	6	7,299	39	0	0	7,271	7,348
2010	7	7,287	37	0	0	7,299	7,271
2010	8	7,270	35	0	0	7,287	7,299
2010	9	7,375	34	0	0	7,270	7,287
2010	10	7,455	33	0	0	7,375	7,270
2010	11	7,338	33	0	0	7,455	7,375
2010	12	7,208	35	0	0	7,338	7,455
2011	1	7,175	40	0	0	7,208	7,338

Year	Month	Small Industrial Customers Model Ouput	Florida Housing Starts (1,000's)	Indicator Variable for Vero Beach	Indicator Variable for January 2016	One Period Lag of Small Industrial Customers	Two Period Lag of Small Industrial Customers
2011	2	7,178	42	0	0	7,175	7,208
2011	3	7,117	42	0	0	7,178	7,175
2011	4	7,169	37	0	0	7,117	7,178
2011	5	7,225	37	0	0	7,169	7,117
2011	6	7,195	38	0	0	7,225	7,169
2011	7	7,212	43	0	0	7,195	7,225
2011	8	7,213	44	0	0	7,212	7,195
2011	9	7,268	45	0	0	7,213	7,212
2011	10	7,233	42	0	0	7,268	7,213
2011	11	7,176	43	0	0	7,233	7,268
2011	12	7,133	45	0	0	7,176	7,233
2012	1	7,076	49	0	0	7,133	7,176
2012	2	7,071	51	0	0	7,076	7,133
2012	3	7,124	53	0	0	7,071	7,076
2012	4	7,171	52	0	0	7,124	7,071
2012	5	7,176	53	0	0	7,171	7,124
2012	6	7,222	55	0	0	7,176	7,171
2012	7	7,209	60	0	0	7,222	7,176
2012	8	7,265	63	0	0	7,209	7,222
2012	9	7,300	65	0	0	7,265	7,209
2012	10	7,465	66	0	0	7,300	7,265
2012	11	7,520	70	0	0	7,465	7,300
2012	12	7,550	74	0	0	7,520	7,465
2013	1	7,568	83	0	0	7,550	7,520
2013	2	7,665	86	0	0	7,568	7,550
2013	3	7,667	87	0	0	7,665	7,568
2013	4	7,746	84	0	0	7,667	7,665
2013	5	7,942	82	0	0	7,746	7,667
2013	6	8,080	79	0	0	7,942	7,746
2013	7	8,195	73	0	0	8,080	7,942
2013	8	8,206	72	0	0	8,195	8,080
2013	9	8,381	73	0	0	8,206	8,195
2013	10	8,503	82	0	0	8,381	8,206
2013	11	8,574	84	0	0	8,503	8,381
2013	12	8,629	84	0	0	8,574	8,503
2014	1	8,526	81	0	0	8,629	8,574
2014	2	8,703	80	0	0	8,526	8,629
2014	3	8,837	79	0	0	8,703	8,526
2014	4	8,900	75	0	0	8,837	8,703
2014	5	8,990	75	0	0	8,900	8,837
2014	6	9,030	75	0	0	8,990	8,900
2014	7	9,009	80	0	0	9,030	8,990
2014	8	9,165	81	0	0	9,009	9,030
2014	9	9,123	82	0	0	9,165	9,009
2014	10	9,140	82	0	0	9,123	9,165
2014	11	9,087	82	0	0	9,140	9,123
2014	12	9,113	84	0	0	9,087	9,140
2015	1	9,197	85	0	0	9,113	9,087
2015	2	9,271	88	0	0	9,197	9,113

Year	Month	Small Industrial Customers Model Ouput	Florida Housing Starts (1,000's)	Indicator Variable for Vero Beach	Indicator Variable for January 2016	One Period Lag of Small Industrial Customers	Two Period Lag of Small Industrial Customers
2015	3	9,399	91	0	0	9,271	9,197
2015	4	9,679	95	0	0	9,399	9,271
2015	5	9,709	99	0	0	9,679	9,399
2015	6	9,742	104	0	0	9,709	9,679
2015	7	9,807	114	0	0	9,742	9,709
2015	8	10,042	117	0	0	9,807	9,742
2015	9	10,179	117	0	0	10,042	9,807
2015	10	10,247	110	0	0	10,179	10,042
2015	11	10,281	109	0	0	10,247	10,179
2015	12	10,188	109	0	0	10,281	10,247
2016	1	9,801	111	0	1	10,188	10,281
2016	2	10,055	111	0	0	9,801	10,188
2016	3	10,117	111	0	0	10,055	9,801
2016	4	10,199	111	0	0	10,117	10,055
2016	5	10,114	111	0	0	10,199	10,117
2016	6	10,166	111	0	0	10,114	10,199
2016	7	10,365	111	0	0	10,166	10,114
2016	8	10,418	112	0	0	10,365	10,166
2016	9	10,476	113	0	0	10,418	10,365
2016	10	10,352	114	0	0	10,476	10,418
2016	11	10,342	116	0	0	10,352	10,476
2016	12	10,357	119	0	0	10,342	10,352
2017	1	10,371	128	0	0	10,357	10,342
2017	2	10,530	128	0	0	10,371	10,357
2017	3	10,443	125	0	0	10,530	10,371
2017	4	10,268	109	0	0	10,443	10,530
2017	5	10,192	106	0	0	10,268	10,443
2017	6	10,153	105	0	0	10,192	10,268
2017	7	10,207	113	0	0	10,153	10,192
2017	8	10,241	116	0	0	10,207	10,153
2017	9	10,136	117	0	0	10,241	10,207
2017	10	9,873	118	0	0	10,136	10,241
2017	11	9,821	119	0	0	9,873	10,136
2017	12	9,460	121	0	0	9,821	9,873
2018	1	9,723	123	0	0	9,460	9,821
2018	2	10,071	125	0	0	9,723	9,460
2018	3	10,198	126	0	0	10,071	9,723
2018	4	10,279	128	0	0	10,198	10,071
2018	5	10,308	130	0	0	10,279	10,198
2018	6	10,173	131	0	0	10,308	10,279
2018	7	10,149	129	0	0	10,173	10,308
2018	8	10,080	130	0	0	10,149	10,173
2018	9	9,984	132	0	0	10,080	10,149
2018	10	10,032	136	0	0	9,984	10,080
2018	11	10,309	138	0	0	10,032	9,984
2018	12	9,935	140	1	0	10,309	10,032
2019	1	10,097	142	0	0	9,935	10,309
2019	2	10,473	143	0	0	10,097	9,935
2019	3	10,549	143	0	0	10,473	10,097

Year	Month	Small Industrial Customers Model Ouput	Florida Housing Starts (1,000's)	Indicator Variable for Vero Beach	Indicator Variable for January 2016	One Period Lag of Small Industrial Customers	Two Period Lag of Small Industrial Customers
2019	4	10,603	138	0	0	10,549	10,473
2019	5	10,615	139	0	0	10,603	10,549
2019	6	10,437	141	0	0	10,615	10,603
2019	7	10,217	147	0	0	10,437	10,615
2019	8	10,154	150	0	0	10,217	10,437
2019	9	10,195	154	0	0	10,154	10,217
2019	10	10,402	158	0	0	10,195	10,154
2019	11	10,428	162	0	0	10,402	10,195
2019	12	10,565	167	0	0	10,428	10,402
2020	1	10,460	182	0	0	10,565	10,428
2020	2	10,589	179	0	0	10,460	10,565
2020	3	10,716	168	0	0	10,589	10,460
2020	4	10,807	126	0	0	10,716	10,589
2020	5	10,924	118	0	0	10,807	10,716
2020	6	10,664	121	0	0	10,924	10,807
2020	7	10,615	155	0	0	10,664	10,924
2020	8	10,680	164	0	0	10,615	10,664
2020	9	10,792	166	0	0	10,680	10,615
2020	10	10,897	157	0	0	10,792	10,680
2020	11	10,990	155	0	0	10,897	10,792
2020	12	11,071	153	0	0	10,990	10,897
2021	1	11,139	150	0	0	11,071	10,990
2021	2	11,194	148	0	0	11,139	11,071
2021	3	11,240	147	0	0	11,194	11,139
2021	4	11,278	145	0	0	11,240	11,194
2021	5	11,309	144	0	0	11,278	11,240
2021	6	11,334	143	0	0	11,309	11,278
2021	7	11,355	143	0	0	11,334	11,309
2021	8	11,372	142	0	0	11,355	11,334
2021	9	11,387	142	0	0	11,372	11,355
2021	10	11,401	143	0	0	11,387	11,372
2021	11	11,415	143	0	0	11,401	11,387
2021	12	11,429	143	0	0	11,415	11,401
2022	1	11,443	143	0	0	11,429	11,415
2022	2	11,456	144	0	0	11,443	11,429
2022	3	11,469	144	0	0	11,456	11,443
2022	4	11,480	143	0	0	11,469	11,456
2022	5	11,490	143	0	0	11,480	11,469
2022	6	11,499	143	0	0	11,490	11,480
2022	7	11,507	143	0	0	11,499	11,490
2022	8	11,515	143	0	0	11,507	11,499
2022	9	11,523	143	0	0	11,515	11,507
2022	10	11,530	143	0	0	11,523	11,515
2022	11	11,537	143	0	0	11,530	11,523
2022	12	11,542	143	0	0	11,537	11,530
2023	1	11,546	142	0	0	11,542	11,537
2023	2	11,549	142	0	0	11,546	11,542
2023	3	11,552	143	0	0	11,549	11,546
2023	4	11,558	144	0	0	11,552	11,549

Year	Month	Small Industrial Customers Model Output	Florida Housing Starts (1,000's)	Indicator Variable for Vero Beach	Indicator Variable for January 2016	One Period Lag of Small Industrial Customers	Two Period Lag of Small Industrial Customers
2023	5	11,565	144	0	0	11,558	11,552
2023	6	11,572	145	0	0	11,565	11,558
2023	7	11,579	144	0	0	11,572	11,565
2023	8	11,586	145	0	0	11,579	11,572
2023	9	11,593	145	0	0	11,586	11,579
2023	10	11,601	146	0	0	11,593	11,586
2023	11	11,610	146	0	0	11,601	11,593
2023	12	11,619	146	0	0	11,610	11,601

Small Industrial Use							
Year	Month	Small Industrial Sales (MWh)	Small Industrial Customers	Per Customer per Bill Day (kWh)	Indicator Variable for Hurricane Irma	Bill Day Cooling Degree Hours Base - 72	Bill Days
2004	8	9,100	17,385	17.64	0.00	240	29.667
2004	9	10,148	17,125	19.51	0.00	249	30.381
2004	10	10,022	17,074	19.66	0.00	202	29.857
2004	11	9,042	16,621	18.52	0.00	110	29.381
2004	12	8,415	16,215	15.86	0.00	47	32.714
2005	1	8,509	17,136	14.75	0.00	19	33.667
2005	2	7,837	17,568	14.48	0.00	11	30.810
2005	3	7,789	17,782	14.51	0.00	25	30.190
2005	4	7,702	18,003	14.56	0.00	61	29.381
2005	5	8,364	18,378	15.41	0.00	86	29.524
2005	6	10,101	18,677	17.61	0.00	174	30.714
2005	7	11,096	18,723	19.39	0.00	246	30.571
2005	8	11,780	19,177	20.71	0.00	290	29.667
2005	9	11,779	19,034	20.31	0.00	276	30.476
2005	10	10,969	19,046	19.41	0.00	225	29.667
2005	11	8,327	18,733	14.94	0.00	112	29.762
2005	12	8,380	17,926	14.46	0.00	41	32.333
2006	1	8,148	17,744	13.54	0.00	19	33.905
2006	2	7,880	18,909	13.89	0.00	18	30.000
2006	3	7,966	19,057	14.23	0.00	35	29.381
2006	4	8,702	19,122	15.44	0.00	72	29.476
2006	5	9,707	19,532	16.86	0.00	133	29.476
2006	6	11,115	19,623	18.47	0.00	198	30.667
2006	7	11,796	19,450	19.78	0.00	231	30.667
2006	8	12,603	19,561	21.79	0.00	263	29.571
2006	9	12,387	19,463	20.85	0.00	235	30.524
2006	10	11,638	19,207	20.46	0.00	205	29.619
2006	11	9,842	19,304	17.02	0.00	109	29.952
2006	12	9,562	19,457	15.27	0.00	48	32.190
2007	1	9,726	19,238	14.91	0.00	49	33.905
2007	2	8,769	19,224	15.23	0.00	23	29.952
2007	3	8,715	18,896	15.65	0.00	41	29.476
2007	4	8,992	18,274	16.75	0.00	64	29.381
2007	5	9,513	17,839	18.06	0.00	116	29.524
2007	6	10,860	17,148	20.68	0.00	166	30.619
2007	7	12,295	16,453	24.29	0.00	241	30.762
2007	8	12,034	15,845	25.77	0.00	275	29.476
2007	9	12,096	15,447	25.61	0.00	273	30.571
2007	10	10,526	14,934	23.76	0.00	218	29.667
2007	11	8,689	14,382	20.17	0.00	132	29.952
2007	12	7,701	13,788	17.30	0.00	64	32.286
2008	1	7,438	13,248	16.80	0.00	41	33.429
2008	2	6,768	12,806	17.42	0.00	38	30.333
2008	3	6,452	12,343	17.79	0.00	52	29.381
2008	4	6,707	12,058	18.93	0.00	76	29.381
2008	5	7,033	11,747	20.25	0.00	130	29.571
2008	6	8,034	11,552	22.68	0.00	219	30.667
2008	7	7,893	11,343	22.73	0.00	225	30.619
2008	8	7,795	11,113	23.76	0.00	250	29.524
2008	9	8,593	10,990	25.46	0.00	265	30.714

Small Industrial Use							
Year	Month	Small Industrial Sales (MWh)	Small Industrial Customers	Per Customer per Bill Day (kWh)	Indicator Variable for Hurricane Irma	Bill Day Cooling Degree Hours Base - 72	Bill Days
2008	10	7,496	10,759	23.60	0.00	200	29.524
2008	11	6,235	10,483	20.24	0.00	90	29.381
2008	12	5,696	10,143	17.12	0.00	32	32.810
2009	1	5,608	9,636	17.31	0.00	27	33.619
2009	2	4,647	9,301	16.55	0.00	15	30.190
2009	3	4,848	9,046	18.24	0.00	30	29.381
2009	4	4,865	8,721	18.99	0.00	84	29.381
2009	5	5,109	8,545	20.12	0.00	135	29.714
2009	6	5,777	8,285	22.84	0.00	191	30.524
2009	7	6,206	8,164	24.79	0.00	261	30.667
2009	8	5,682	8,006	24.08	0.00	280	29.476
2009	9	5,613	7,888	23.31	0.00	258	30.524
2009	10	5,454	7,812	23.50	0.00	240	29.714
2009	11	4,780	7,737	20.89	0.00	161	29.571
2009	12	4,707	7,596	19.00	0.00	66	32.619
2010	1	4,960	7,414	19.82	0.00	23	33.762
2010	2	4,120	7,383	18.57	0.00	14	30.048
2010	3	3,951	7,333	18.34	0.00	7	29.381
2010	4	4,072	7,348	18.86	0.00	45	29.381
2010	5	4,422	7,271	20.60	0.00	148	29.524
2010	6	4,905	7,299	21.88	0.00	244	30.714
2010	7	5,170	7,287	23.21	0.00	291	30.571
2010	8	5,121	7,270	23.74	0.00	299	29.667
2010	9	5,204	7,375	23.15	0.00	274	30.476
2010	10	4,785	7,455	21.64	0.00	194	29.667
2010	11	4,147	7,338	18.99	0.00	114	29.762
2010	12	4,230	7,208	18.59	0.00	38	31.571
2011	1	4,354	7,175	18.52	0.00	8	32.762
2011	2	3,792	7,178	18.22	0.00	19	29.000
2011	3	3,924	7,117	18.80	0.00	46	29.333
2011	4	4,448	7,169	20.05	0.00	111	30.952
2011	5	4,755	7,225	22.29	0.00	176	29.524
2011	6	4,767	7,195	21.15	0.00	229	31.333
2011	7	4,886	7,212	22.06	0.00	257	30.714
2011	8	5,157	7,213	23.83	0.00	294	30.000
2011	9	5,578	7,268	23.81	0.00	258	32.238
2011	10	4,890	7,233	22.79	0.00	195	29.667
2011	11	4,501	7,176	21.59	0.00	89	29.048
2011	12	4,035	7,133	18.45	0.00	53	30.667
2012	1	4,285	7,076	18.40	0.00	27	32.905
2012	2	3,735	7,071	18.12	0.00	31	29.143
2012	3	3,912	7,124	18.48	0.00	59	29.714
2012	4	4,109	7,171	18.77	0.00	88	30.524
2012	5	4,404	7,176	20.39	0.00	114	30.095
2012	6	4,884	7,222	21.52	0.00	197	31.429
2012	7	4,956	7,209	22.35	0.00	242	30.762
2012	8	5,091	7,265	22.78	0.00	262	30.762
2012	9	5,365	7,300	24.15	0.00	245	30.429
2012	10	4,992	7,465	22.08	0.00	204	30.286
2012	11	4,259	7,520	18.79	0.00	84	30.143

Small Industrial Use							
Year	Month	Small Industrial Sales (MWh)	Small Industrial Customers	Per Customer per Bill Day (kWh)	Indicator Variable for Hurricane Irma	Bill Day Cooling Degree Hours Base - 72	Bill Days
2012	12	3,883	7,550	16.85	0.00	38	30.524
2013	1	4,128	7,568	17.15	0.00	40	31.810
2013	2	3,838	7,665	16.88	0.00	34	29.667
2013	3	3,699	7,667	16.86	0.00	31	28.619
2013	4	4,262	7,746	18.14	0.00	66	30.333
2013	5	4,677	7,942	18.97	0.00	116	31.048
2013	6	5,105	8,080	20.83	0.00	178	30.333
2013	7	5,152	8,195	20.79	0.00	236	30.238
2013	8	5,782	8,206	22.73	0.00	258	31.000
2013	9	5,754	8,381	21.62	0.00	248	31.762
2013	10	5,285	8,503	21.15	0.00	201	29.381
2013	11	4,850	8,574	19.25	0.00	134	29.381
2013	12	4,841	8,629	18.01	0.00	70	31.143
2014	1	4,631	8,526	16.70	0.00	43	32.524
2014	2	4,303	8,703	16.72	0.00	35	29.571
2014	3	4,464	8,837	17.56	0.00	48	28.762
2014	4	4,691	8,900	17.80	0.00	73	29.619
2014	5	5,301	8,990	19.20	0.00	149	30.714
2014	6	5,668	9,030	20.47	0.00	188	30.667
2014	7	6,176	9,009	22.32	0.00	228	30.714
2014	8	6,692	9,165	23.70	0.00	264	30.810
2014	9	6,502	9,123	23.10	0.00	257	30.857
2014	10	5,920	9,140	21.83	0.00	189	29.667
2014	11	4,871	9,087	17.87	0.00	90	30.000
2014	12	4,622	9,113	16.62	0.00	47	30.524
2015	1	4,502	9,197	15.21	0.00	38	32.190
2015	2	4,195	9,271	15.18	0.00	13	29.810
2015	3	4,754	9,399	17.27	0.00	60	29.286
2015	4	5,382	9,679	18.42	0.00	116	30.190
2015	5	6,106	9,709	20.48	0.00	166	30.714
2015	6	6,662	9,742	22.47	0.00	219	30.429
2015	7	7,186	9,807	23.75	0.00	270	30.857
2015	8	6,935	10,042	22.31	0.00	267	30.952
2015	9	6,424	10,179	20.71	0.00	256	30.476
2015	10	6,814	10,247	22.41	0.00	194	29.667
2015	11	6,198	10,281	20.32	0.00	162	29.667
2015	12	5,987	10,188	18.87	0.00	85	31.143
2016	1	5,236	9,801	16.60	0.00	63	32.190
2016	2	4,664	10,055	16.07	0.00	14	28.857
2016	3	4,898	10,117	15.67	0.00	42	30.905
2016	4	5,448	10,199	17.45	0.00	92	30.619
2016	5	5,570	10,114	18.65	0.00	131	29.524
2016	6	6,456	10,166	20.68	0.00	213	30.714
2016	7	7,430	10,365	22.64	0.00	280	31.667
2016	8	7,326	10,418	22.82	0.00	289	30.810
2016	9	7,531	10,476	23.12	0.00	267	31.095
2016	10	6,648	10,352	21.65	0.00	218	29.667
2016	11	5,383	10,342	17.92	0.00	107	29.048
2016	12	5,006	10,357	15.76	0.00	66	30.667
2017	1	5,134	10,371	15.36	0.00	65	32.238

Small Industrial Use							
Year	Month	Small Industrial Sales (MWh)	Small Industrial Customers	Per Customer per Bill Day (kWh)	Indicator Variable for Hurricane Irma	Bill Day Cooling Degree Hours Base - 72	Bill Days
2017	2	4,384	10,530	14.55	0.00	42	28.619
2017	3	4,890	10,443	15.86	0.00	49	29.524
2017	4	5,330	10,268	17.03	0.00	86	30.476
2017	5	6,176	10,192	19.73	0.00	155	30.714
2017	6	7,085	10,153	22.14	0.00	223	31.524
2017	7	7,611	10,207	24.02	0.00	281	31.048
2017	8	7,584	10,241	24.72	0.00	300	29.952
2017	9	7,120	10,136	22.94	1.00	284	30.619
2017	10	6,939	9,873	23.35	0.00	241	30.095
2017	11	5,805	9,821	19.96	0.00	124	29.619
2017	12	4,870	9,460	16.71	0.00	68	30.810
2018	1	4,760	9,723	15.21	0.00	25	32.190
2018	2	4,519	10,071	15.08	0.00	43	29.762
2018	3	4,646	10,198	15.58	0.00	59	29.238
2018	4	4,991	10,279	16.26	0.00	71	29.857
2018	5	5,450	10,308	17.13	0.00	115	30.857
2018	6	6,367	10,173	20.41	0.00	178	30.667
2018	7	7,192	10,149	23.04	0.00	240	30.762
2018	8	7,164	10,080	22.86	0.00	256	31.095
2018	9	6,810	9,984	22.66	0.00	248	30.095
2018	10	6,845	10,032	22.82	0.00	250	29.905
2018	11	5,827	10,309	18.72	0.00	144	30.190
2018	12	4,771	9,935	15.73	0.00	60	30.524
2019	1	4,693	10,097	14.46	0.00	34	32.143
2019	2	5,266	10,473	17.34	0.00	31	29.000
2019	3	4,896	10,549	15.85	0.00	69	29.286
2019	4	5,134	10,603	15.79	0.00	76	30.667
2019	5	5,906	10,615	18.69	0.00	154	29.762
2019	6	6,855	10,437	21.45	0.00	236	30.619
2019	7	7,423	10,217	23.69	0.00	275	30.667
2019	8	7,422	10,154	23.69	0.00	263	30.857
2019	9	7,338	10,195	23.11	0.00	280	31.143
2019	10	7,116	10,402	22.38	0.00	246	30.571
2019	11	6,170	10,428	20.04	0.00	185	29.524
2019	12	4,854	10,565	14.91	0.00	58	30.810
2020	1	4,972	10,460	14.83	0.00	56	32.048
2020	2	4,635	10,589	14.90	0.00	48	29.381
2020	3	4,949	10,716	15.69	0.00	75	29.429
2020	4	5,886	10,807	17.71	0.00	147	30.762
2020	5	6,292	10,924	18.78	0.00	161	30.667
2020	6	7,487	10,664	22.75	0.00	202	30.857
2020	7	8,267	10,615	25.32	0.00	285	30.762
2020	8	8,081	10,680	24.44	414.77	0	30.952
2020	9	7,869	10,792	23.93	405.85	0	30.476
2020	10	7,233	10,897	22.37	356.87	0	29.667
2020	11	6,556	10,990	19.67	248.81	0	30.333
2020	12	5,835	11,071	17.57	149.74	0	30.000
2021	1	5,926	11,139	16.80	99.07	0	31.667
2021	2	5,508	11,194	16.53	85.78	1	29.762
2021	3	5,698	11,240	17.06	129.79	0	29.714

Year	Month	Small Industrial Use					Bill Days
		Small Industrial Sales (MWh)	Small Industrial Customers	Per Customer per Bill Day (kWh)	Indicator Variable for Hurricane Irma	Bill Day Cooling Degree Hours Base - 72	
2021	4	6,177	11,278	17.94	188.17	0	30.524
2021	5	6,686	11,309	19.43	265.04	0	30.429
2021	6	7,413	11,334	21.39	347.59	0	30.571
2021	7	7,986	11,355	22.69	395.14	0	31.000
2021	8	8,214	11,372	23.23	414.77	0	31.095
2021	9	8,017	11,387	22.96	405.85	0	30.667
2021	10	7,295	11,401	21.60	356.87	0	29.619
2021	11	6,473	11,415	19.05	248.81	0	29.762
2021	12	5,958	11,429	17.08	149.74	0	30.524
2022	1	6,041	11,443	16.41	99.07	0	32.167
2022	2	5,434	11,456	16.22	85.78	1	29.238
2022	3	5,711	11,469	16.82	129.79	0	29.611
2022	4	6,199	11,480	17.75	188.17	0	30.429
2022	5	6,726	11,490	19.27	265.04	0	30.373
2022	6	7,533	11,499	21.27	347.59	0	30.802
2022	7	8,048	11,507	22.59	395.14	0	30.961
2022	8	8,202	11,515	23.15	414.77	0	30.770
2022	9	8,086	11,523	22.90	405.85	0	30.651
2022	10	7,438	11,530	21.55	356.87	0	29.929
2022	11	6,521	11,537	19.01	248.81	0	29.730
2022	12	6,033	11,542	17.05	149.74	0	30.659
2023	1	6,086	11,546	16.39	99.07	0	32.167
2023	2	5,472	11,549	16.20	85.78	1	29.238
2023	3	5,747	11,552	16.80	129.79	0	29.611
2023	4	6,237	11,558	17.73	188.17	0	30.429
2023	5	6,766	11,565	19.26	265.04	0	30.373
2023	6	7,579	11,572	21.26	347.59	0	30.802
2023	7	8,096	11,579	22.58	395.14	0	30.961
2023	8	8,251	11,586	23.14	414.77	0	30.770
2023	9	8,134	11,593	22.89	405.85	0	30.651
2023	10	7,483	11,601	21.55	356.87	0	29.929
2023	11	6,562	11,610	19.01	248.81	0	29.730
2023	12	6,072	11,619	17.05	149.74	0	30.659

Year	Month	Small/Medium	Residential	One Period Lag of	Indicator	Indicator Variable	Indicator Variable	Indicator	Six Period Lag of Florida	Indicator Variable
		Commercial Customers		Small/Medium Commercial	Variable for	for December	for November	Variable for		Unemployment Rate
		Model Ouput	Customers	Customers	October 2013	2018	2013	January 2019		2020
2010	8	493,071	4,009,524	492,275	0	0	0	0	11.2	0
2010	9	493,150	4,007,495	493,071	0	0	0	0	11.2	0
2010	10	493,203	4,006,475	493,150	0	0	0	0	11.0	0
2010	11	493,259	4,007,538	493,203	0	0	0	0	11.0	0
2010	12	493,012	4,009,847	493,259	0	0	0	0	10.9	0
2011	1	493,894	4,015,002	493,012	0	0	0	0	11.0	0
2011	2	493,855	4,021,384	493,894	0	0	0	0	11.0	0
2011	3	494,560	4,027,937	493,855	0	0	0	0	11.0	0
2011	4	495,182	4,030,950	494,560	0	0	0	0	11.0	0
2011	5	495,864	4,029,779	495,182	0	0	0	0	11.0	0
2011	6	496,569	4,028,663	495,864	0	0	0	0	10.9	0
2011	7	497,000	4,028,593	496,569	0	0	0	0	10.6	0
2011	8	497,459	4,028,766	497,000	0	0	0	0	10.5	0
2011	9	497,129	4,024,718	497,459	0	0	0	0	10.4	0
2011	10	497,342	4,025,416	497,129	0	0	0	0	10.3	0
2011	11	497,661	4,027,556	497,342	0	0	0	0	10.2	0
2011	12	497,781	4,032,352	497,661	0	0	0	0	10.1	0
2012	1	498,336	4,037,796	497,781	0	0	0	0	10.1	0
2012	2	498,565	4,043,285	498,336	0	0	0	0	9.9	0
2012	3	498,917	4,051,099	498,565	0	0	0	0	9.8	0
2012	4	499,410	4,053,654	498,917	0	0	0	0	9.5	0
2012	5	499,971	4,052,782	499,410	0	0	0	0	9.3	0
2012	6	499,956	4,051,323	499,971	0	0	0	0	9.1	0
2012	7	500,444	4,052,570	499,956	0	0	0	0	8.9	0
2012	8	500,855	4,054,570	500,444	0	0	0	0	8.8	0
2012	9	501,162	4,053,644	500,855	0	0	0	0	8.7	0
2012	10	501,297	4,055,163	501,162	0	0	0	0	8.7	0
2012	11	501,501	4,058,216	501,297	0	0	0	0	8.7	0
2012	12	501,767	4,061,984	501,501	0	0	0	0	8.6	0
2013	1	502,188	4,068,399	501,767	0	0	0	0	8.5	0
2013	2	502,192	4,072,597	502,188	0	0	0	0	8.4	0
2013	3	502,636	4,078,650	502,192	0	0	0	0	8.3	0
2013	4	502,988	4,081,968	502,636	0	0	0	0	8.2	0
2013	5	503,547	4,083,253	502,988	0	0	0	0	8.1	0
2013	6	504,051	4,084,806	503,547	0	0	0	0	8.0	0
2013	7	504,643	4,091,309	504,051	0	0	0	0	7.9	0
2013	8	505,300	4,100,454	504,643	0	0	0	0	7.8	0
2013	9	506,459	4,112,677	505,300	0	0	0	0	7.6	0
2013	10	505,671	4,124,489	506,459	1	0	0	0	7.5	0
2013	11	509,142	4,130,692	505,671	0	0	1	0	7.4	0
2013	12	509,730	4,136,766	509,142	0	0	0	0	7.3	0
2014	1	510,462	4,143,809	509,730	0	0	0	0	7.2	0
2014	2	510,977	4,150,625	510,462	0	0	0	0	7.0	0
2014	3	511,724	4,157,504	510,977	0	0	0	0	6.9	0

Year	Month	Small/Medium	Residential	One Period Lag of	Indicator	Indicator Variable	Indicator Variable	Indicator	Six Period Lag of Florida	Indicator Variable	
		Commercial Customers		Small/Medium Commercial	Variable for	for December	for November	Variable for		Unemployment Rate	
		Model Output	Customers	Customers	October 2013	2018	2013	January 2019		2020	
2014	4	512,857	4,161,055	511,724	0	0	0	0		6.8	0
2014	5	513,566	4,163,079	512,857	0	0	0	0		6.7	0
2014	6	513,794	4,165,874	513,566	0	0	0	0		6.7	0
2014	7	514,367	4,169,041	513,794	0	0	0	0		6.6	0
2014	8	514,470	4,172,469	514,367	0	0	0	0		6.6	0
2014	9	515,598	4,177,177	514,470	0	0	0	0		6.5	0
2014	10	516,194	4,182,719	515,598	0	0	0	0		6.5	0
2014	11	516,895	4,189,026	516,194	0	0	0	0		6.4	0
2014	12	517,310	4,195,956	516,895	0	0	0	0		6.3	0
2015	1	517,696	4,202,391	517,310	0	0	0	0		6.2	0
2015	2	518,093	4,209,051	517,696	0	0	0	0		6.2	0
2015	3	518,584	4,216,219	518,093	0	0	0	0		6.1	0
2015	4	519,529	4,219,370	518,584	0	0	0	0		6.0	0
2015	5	520,346	4,220,764	519,529	0	0	0	0		5.9	0
2015	6	521,111	4,224,554	520,346	0	0	0	0		5.9	0
2015	7	521,746	4,227,891	521,111	0	0	0	0		5.8	0
2015	8	522,201	4,232,387	521,746	0	0	0	0		5.7	0
2015	9	522,743	4,235,561	522,201	0	0	0	0		5.7	0
2015	10	522,994	4,239,444	522,743	0	0	0	0		5.6	0
2015	11	523,706	4,246,837	522,994	0	0	0	0		5.6	0
2015	12	524,274	4,254,635	523,706	0	0	0	0		5.5	0
2016	1	524,339	4,259,323	524,274	0	0	0	0		5.4	0
2016	2	525,520	4,265,184	524,339	0	0	0	0		5.4	0
2016	3	526,304	4,271,136	525,520	0	0	0	0		5.3	0
2016	4	527,073	4,275,114	526,304	0	0	0	0		5.2	0
2016	5	527,768	4,278,434	527,073	0	0	0	0		5.1	0
2016	6	528,555	4,281,672	527,768	0	0	0	0		5.1	0
2016	7	529,230	4,285,720	528,555	0	0	0	0		5.0	0
2016	8	529,978	4,290,607	529,230	0	0	0	0		4.9	0
2016	9	530,553	4,293,801	529,978	0	0	0	0		4.9	0
2016	10	531,059	4,297,087	530,553	0	0	0	0		4.8	0
2016	11	531,491	4,302,544	531,059	0	0	0	0		4.8	0
2016	12	532,150	4,309,280	531,491	0	0	0	0		4.8	0
2017	1	533,034	4,315,281	532,150	0	0	0	0		4.8	0
2017	2	533,718	4,321,075	533,034	0	0	0	0		4.8	0
2017	3	534,538	4,327,393	533,718	0	0	0	0		4.8	0
2017	4	535,148	4,331,440	534,538	0	0	0	0		4.8	0
2017	5	535,773	4,334,765	535,148	0	0	0	0		4.7	0
2017	6	536,551	4,337,849	535,773	0	0	0	0		4.7	0
2017	7	536,840	4,341,942	536,551	0	0	0	0		4.6	0
2017	8	537,886	4,346,294	536,840	0	0	0	0		4.5	0
2017	9	537,388	4,344,843	537,886	0	0	0	0		4.4	0
2017	10	537,797	4,347,889	537,388	0	0	0	0		4.3	0
2017	11	537,848	4,352,743	537,797	0	0	0	0		4.3	0
2017	12	537,742	4,357,179	537,848	0	0	0	0		4.2	0

Year	Month	Small/Medium	Residential	One Period Lag of		Indicator	Indicator Variable	Indicator Variable	Indicator	Six Period Lag of Florida	Indicator Variable
		Commercial Customers		Small/Medium	Commercial	Variable for	for December	for November	Variable for		Unemployment Rate
		Model Output	Customers	Customers	Customers	October 2013	2018	2013	January 2019		2020
2018	1	537,892	4,363,219	537,742	0	0	0	0	0	4.2	0
2018	2	538,441	4,368,710	537,892	0	0	0	0	0	4.1	0
2018	3	539,175	4,376,774	538,441	0	0	0	0	0	4.1	0
2018	4	539,890	4,381,864	539,175	0	0	0	0	0	4.0	0
2018	5	540,864	4,385,290	539,890	0	0	0	0	0	4.0	0
2018	6	541,556	4,388,477	540,864	0	0	0	0	0	3.9	0
2018	7	541,997	4,392,728	541,556	0	0	0	0	0	3.9	0
2018	8	542,760	4,397,811	541,997	0	0	0	0	0	3.9	0
2018	9	543,239	4,400,749	542,760	0	0	0	0	0	3.8	0
2018	10	543,759	4,405,981	543,239	0	0	0	0	0	3.7	0
2018	11	544,239	4,411,146	543,759	0	0	0	0	0	3.7	0
2018	12	547,865	4,429,233	544,239	0	1	0	0	0	3.6	0
2019	1	550,605	4,450,543	547,865	0	0	0	1	0	3.5	0
2019	2	551,037	4,455,884	550,605	0	0	0	0	0	3.4	0
2019	3	551,631	4,461,679	551,037	0	0	0	0	0	3.4	0
2019	4	552,162	4,466,611	551,631	0	0	0	0	0	3.4	0
2019	5	552,829	4,471,736	552,162	0	0	0	0	0	3.4	0
2019	6	553,490	4,476,842	552,829	0	0	0	0	0	3.4	0
2019	7	553,936	4,482,261	553,490	0	0	0	0	0	3.4	0
2019	8	554,622	4,487,915	553,936	0	0	0	0	0	3.4	0
2019	9	555,095	4,491,556	554,622	0	0	0	0	0	3.4	0
2019	10	555,747	4,497,317	555,095	0	0	0	0	0	3.3	0
2019	11	556,207	4,502,140	555,747	0	0	0	0	0	3.2	0
2019	12	556,486	4,507,783	556,207	0	0	0	0	0	3.2	0
2020	1	556,874	4,514,328	556,486	0	0	0	0	0	3.1	0
2020	2	557,199	4,522,088	556,874	0	0	0	0	0	3.0	0
2020	3	557,605	4,528,056	557,199	0	0	0	0	0	2.9	1
2020	4	557,688	4,533,622	557,605	0	0	0	0	0	2.8	1
2020	5	558,255	4,539,306	557,688	0	0	0	0	0	2.8	1
2020	6	558,824	4,547,303	558,255	0	0	0	0	0	2.9	1
2020	7	559,749	4,553,350	558,824	0	0	0	0	0	1.9	1
2020	8	560,706	4,558,411	559,749	0	0	0	0	0	3.0	0
2020	9	561,300	4,559,690	560,706	0	0	0	0	0	5.1	0
2020	10	561,183	4,561,768	561,300	0	0	0	0	0	11.3	0
2020	11	561,008	4,566,839	561,183	0	0	0	0	0	13.1	0
2020	12	560,944	4,572,756	561,008	0	0	0	0	0	13.5	0
2021	1	561,322	4,578,788	560,944	0	0	0	0	0	10.6	0
2021	2	561,839	4,584,708	561,322	0	0	0	0	0	9.8	0
2021	3	562,453	4,590,453	561,839	0	0	0	0	0	9.2	0
2021	4	563,075	4,593,251	562,453	0	0	0	0	0	8.6	0
2021	5	563,589	4,591,601	563,075	0	0	0	0	0	8.3	0
2021	6	564,044	4,592,387	563,589	0	0	0	0	0	8.1	0
2021	7	564,422	4,594,073	564,044	0	0	0	0	0	8.4	0
2021	8	564,802	4,597,196	564,422	0	0	0	0	0	8.4	0
2021	9	565,130	4,597,501	564,802	0	0	0	0	0	8.3	0

Year	Month	Small/Medium	Residential	One Period Lag of	Indicator	Indicator Variable	Indicator Variable	Indicator	Six Period Lag of Florida	Indicator Variable
		Commercial Customers		Small/Medium Commercial	Variable for	for December	for November	Variable for		Unemployment Rate
		Model Output	Customers	Customers	October 2013	2018	2013	January 2019		2020
2021	10	565,453	4,599,054	565,130	0	0	0	0	8.1	0
2021	11	565,835	4,603,899	565,453	0	0	0	0	8.0	0
2021	12	566,286	4,609,843	565,835	0	0	0	0	7.9	0
2022	1	566,796	4,616,161	566,286	0	0	0	0	7.8	0
2022	2	567,368	4,622,604	566,796	0	0	0	0	7.6	0
2022	3	567,993	4,629,090	567,368	0	0	0	0	7.5	0
2022	4	568,615	4,632,877	567,993	0	0	0	0	7.2	0
2022	5	569,140	4,632,392	568,615	0	0	0	0	7.0	0
2022	6	569,641	4,634,456	569,140	0	0	0	0	6.7	0
2022	7	570,142	4,637,448	569,641	0	0	0	0	6.5	0
2022	8	570,673	4,641,891	570,142	0	0	0	0	6.2	0
2022	9	571,167	4,643,517	570,673	0	0	0	0	6.0	0
2022	10	571,657	4,646,379	571,167	0	0	0	0	5.8	0
2022	11	572,211	4,652,497	571,657	0	0	0	0	5.6	0
2022	12	572,837	4,659,657	572,211	0	0	0	0	5.4	0
2023	1	573,530	4,667,098	572,837	0	0	0	0	5.2	0
2023	2	574,273	4,674,574	573,530	0	0	0	0	5.0	0
2023	3	575,053	4,682,008	574,273	0	0	0	0	4.9	0
2023	4	575,800	4,686,653	575,053	0	0	0	0	4.8	0
2023	5	576,431	4,686,941	575,800	0	0	0	0	4.8	0
2023	6	577,016	4,689,697	576,431	0	0	0	0	4.7	0
2023	7	577,580	4,693,304	577,016	0	0	0	0	4.6	0
2023	8	578,156	4,698,288	577,580	0	0	0	0	4.5	0
2023	9	578,683	4,700,382	578,156	0	0	0	0	4.5	0
2023	10	579,193	4,703,640	578,683	0	0	0	0	4.4	0
2023	11	579,756	4,710,086	579,193	0	0	0	0	4.3	0
2023	12	580,381	4,717,506	579,756	0	0	0	0	4.2	0

Year	Month	Small/Medium Commercial	Small/Medium Commercial	Sm/Med Commercial Use	Bill Day	Codes and Standards	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Florida	Real Electric Price	Bill Days
		Sales (MWh)	Customers	Per Customer per Bill Day (kWh)	Cooling Degree Hours	Base - 66 (kWh/Cust)	for Hurricane Irma	for November 2011	for April 2020	for May 2020	for June 2020	for July 2020	Employment (1,000's)	Increase 12 Month Average Cents/kWh	
2000	8	2,380,365	406,868	190.482	395.770	0.000	0	0	0	0	0	7,107	10.057	30.714	
2000	9	2,428,914	408,074	192.595	397.157	0.000	0	0	0	0	0	7,121	10.071	30.905	
2000	10	2,263,429	408,784	186.342	335.871	0.000	0	0	0	0	0	7,124	10.085	29.714	
2000	11	2,039,082	409,601	168.348	200.508	0.000	0	0	0	0	0	7,131	10.096	29.571	
2000	12	2,060,628	410,776	155.606	117.451	0.000	0	0	0	0	0	7,136	10.114	32.238	
2001	1	1,973,906	412,189	145.748	57.010	0.000	0	0	0	0	0	7,137	10.214	32.857	
2001	2	1,867,367	413,536	150.762	79.414	0.000	0	0	0	0	0	7,141	10.313	29.952	
2001	3	1,961,780	414,050	161.262	154.767	0.000	0	0	0	0	0	7,144	10.416	29.381	
2001	4	1,985,784	414,990	162.865	176.279	0.000	0	0	0	0	0	7,146	10.588	29.381	
2001	5	2,029,471	416,399	165.885	209.359	0.000	0	0	0	0	0	7,150	10.766	29.381	
2001	6	2,300,866	416,489	179.033	314.774	0.000	0	0	0	0	0	7,155	10.817	30.857	
2001	7	2,363,592	417,339	186.121	363.447	0.000	0	0	0	0	0	7,170	10.951	30.429	
2001	8	2,328,337	418,359	187.299	374.043	0.000	0	0	0	0	0	7,169	11.088	29.714	
2001	9	2,465,938	418,865	192.871	393.453	0.000	0	0	0	0	0	7,162	11.229	30.524	
2001	10	2,244,424	419,620	180.006	308.546	0.000	0	0	0	0	0	7,133	11.305	29.714	
2001	11	2,101,864	419,870	169.287	230.132	0.000	0	0	0	0	0	7,123	11.378	29.571	
2001	12	2,168,577	420,590	159.937	162.207	0.000	0	0	0	0	0	7,118	11.452	32.238	
2002	1	2,099,651	420,973	148.357	93.258	0.000	0	0	0	0	0	7,120	11.452	33.619	
2002	2	2,018,302	421,907	156.480	114.819	0.000	0	0	0	0	0	7,122	11.452	30.571	
2002	3	1,921,001	422,739	154.664	107.780	0.000	0	0	0	0	0	7,125	11.458	29.381	
2002	4	2,128,013	423,775	170.912	219.286	0.000	0	0	0	0	0	7,133	11.458	29.381	
2002	5	2,299,624	424,438	183.513	306.194	0.000	0	0	0	0	0	7,139	11.458	29.524	
2002	6	2,400,371	425,116	183.838	324.436	0.000	0	0	0	0	0	7,146	11.458	30.714	
2002	7	2,333,870	425,859	180.104	334.753	0.000	0	0	0	0	0	7,153	11.458	30.429	
2002	8	2,456,002	427,212	192.852	403.025	0.000	0	0	0	0	0	7,162	11.458	29.810	
2002	9	2,514,781	427,181	193.166	395.420	0.000	0	0	0	0	0	7,171	11.458	30.476	
2002	10	2,463,689	427,069	194.453	380.100	0.000	0	0	0	0	0	7,185	11.458	29.667	
2002	11	2,305,563	428,225	183.248	292.950	0.000	0	0	0	0	0	7,192	11.458	29.381	
2002	12	2,120,647	429,078	156.780	123.775	0.000	0	0	0	0	0	7,198	11.458	31.524	
2003	1	2,054,384	429,537	144.517	66.313	0.000	0	0	0	0	0	7,198	11.458	33.095	
2003	2	1,987,244	430,312	147.838	51.939	0.000	0	0	0	0	0	7,202	11.458	31.238	
2003	3	2,184,773	431,020	168.160	196.268	0.000	0	0	0	0	0	7,207	11.458	30.143	
2003	4	2,168,148	432,097	170.231	208.915	0.000	0	0	0	0	0	7,212	11.473	29.476	
2003	5	2,281,826	433,067	178.755	279.043	0.000	0	0	0	0	0	7,218	11.519	29.476	
2003	6	2,501,117	433,867	187.978	354.079	0.000	0	0	0	0	0	7,224	11.673	30.667	
2003	7	2,543,548	434,689	191.699	385.543	0.000	0	0	0	0	0	7,228	11.718	30.524	
2003	8	2,511,560	435,523	194.076	393.303	0.000	0	0	0	0	0	7,237	11.807	29.714	
2003	9	2,557,192	436,560	191.901	378.372	0.000	0	0	0	0	0	7,248	11.903	30.524	
2003	10	2,458,370	437,686	189.633	343.748	0.000	0	0	0	0	0	7,258	11.999	29.619	
2003	11	2,359,427	438,756	182.438	287.409	0.000	0	0	0	0	0	7,277	12.095	29.476	
2003	12	2,288,691	439,633	161.484	145.036	0.000	0	0	0	0	0	7,302	12.190	32.238	
2004	1	2,162,301	442,354	144.173	62.792	0.000	0	0	0	0	0	7,341	12.271	33.905	
2004	2	2,088,036	442,150	151.409	71.756	0.000	0	0	0	0	0	7,371	12.364	31.190	
2004	3	2,119,262	443,146	159.156	113.021	0.000	0	0	0	0	0	7,401	12.451	30.048	
2004	4	2,086,967	444,869	159.668	133.681	0.000	0	0	0	0	0	7,437	12.488	29.381	
2004	5	2,274,597	446,236	173.490	230.111	0.000	0	0	0	0	0	7,462	12.519	29.381	
2004	6	2,589,074	447,639	188.313	349.337	0.000	0	0	0	0	0	7,483	12.554	30.714	
2004	7	2,725,955	448,798	198.370	413.269	0.000	0	0	0	0	0	7,485	12.586	30.619	
2004	8	2,534,064	449,992	189.819	388.214	0.000	0	0	0	0	0	7,505	12.586	29.667	
2004	9	2,491,714	450,223	182.166	396.966	0.000	0	0	0	0	0	7,530	12.586	30.381	
2004	10	2,471,266	450,033	183.920	346.967	0.000	0	0	0	0	0	7,569	12.586	29.857	
2004	11	2,353,940	450,863	177.699	241.444	0.000	0	0	0	0	0	7,596	12.586	29.381	
2004	12	2,375,779	450,909	161.058	138.884	0.000	0	0	0	0	0	7,621	12.586	32.714	
2005	1	2,279,732	452,321	149.704	78.947	0.184	0	0	0	0	0	7,638	12.594	33.667	
2005	2	2,098,496	453,933	150.046	55.217	0.141	0	0	0	0	0	7,662	12.618	30.810	
2005	3	2,135,675	455,465	155.316	87.523	0.230	0	0	0	0	0	7,688	12.650	30.190	
2005	4	2,219,823	456,822	165.388	159.849	0.433	0	0	0	0	0	7,715	12.682	29.381	
2005	5	2,320,723	458,415	171.470	205.210	0.536	0	0	0	0	0	7,744	12.713	29.524	
2005	6	2,605,497	459,273	184.707	320.768	0.809	0	0	0	0	0	7,774	12.739	30.714	
2005	7	2,734,627	460,191	194.379	394.292	0.993	0	0	0	0	0	7,817	12.768	30.571	
2005	8	2,698,650	461,330	197.179	439.082	1.138	0	0	0	0	0	7,844	12.797	29.667	

Year	Month	Small/Medium Commercial	Small/Medium Commercial	Sm/Med Commercial Use	Bill Day	Codes and Standards	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Florida	Real Electric Price	Bill Days
		Sales (MWh)	Customers	Per Customer per Bill Day (kWh)	Cooling Degree Hours Base - 66	(kWh/Cust)	for Hurricane Irma	for November 2011	for April 2020	for May 2020	for June 2020	for July 2020	Employment (1,000's)	Increase 12 Month Average Cents/kWh		
2005	9	2,795,409	461,622	198.701	424.630	1.100	0	0	0	0	0	0	7,864	12.820	30.476	
2005	10	2,639,242	462,026	192.548	371.465	0.961	0	0	0	0	0	0	7,870	12.834	29.667	
2005	11	2,122,305	461,310	154.580	237.010	0.614	0	1	0	0	0	0	7,885	12.869	29.762	
2005	12	2,327,384	461,807	155.870	130.371	0.317	0	0	0	0	0	0	7,899	12.893	32.333	
2006	1	2,317,909	462,565	147.795	76.359	0.503	0	0	0	0	0	0	7,915	13.078	33.905	
2006	2	2,104,534	462,930	151.537	75.481	0.561	0	0	0	0	0	0	7,930	13.273	30.000	
2006	3	2,153,395	464,271	157.865	111.157	0.860	0	0	0	0	0	0	7,946	13.456	29.381	
2006	4	2,284,191	465,001	166.652	174.985	1.349	0	0	0	0	0	0	7,964	13.637	29.476	
2006	5	2,457,541	465,746	179.012	264.388	2.035	0	0	0	0	0	0	7,978	13.824	29.476	
2006	6	2,659,812	466,710	185.837	342.972	2.460	0	0	0	0	0	0	7,991	14.013	30.667	
2006	7	2,749,590	467,455	191.804	380.033	2.724	0	0	0	0	0	0	8,004	14.203	30.667	
2006	8	2,747,108	468,680	198.214	411.669	3.042	0	0	0	0	0	0	8,013	14.396	29.571	
2006	9	2,754,229	470,429	191.807	383.666	2.734	0	0	0	0	0	0	8,019	14.590	30.524	
2006	10	2,655,822	470,942	190.397	352.174	2.591	0	0	0	0	0	0	8,017	14.792	29.619	
2006	11	2,462,603	471,958	174.207	231.049	1.697	0	0	0	0	0	0	8,023	14.981	29.952	
2006	12	2,424,335	473,193	159.160	142.144	0.975	0	0	0	0	0	0	8,029	15.180	32.190	
2007	1	2,560,501	474,387	159.195	158.176	3.021	0	0	0	0	0	0	8,046	15.180	33.905	
2007	2	2,212,359	475,682	155.279	83.435	2.388	0	0	0	0	0	0	8,050	15.180	29.952	
2007	3	2,231,806	477,252	158.650	124.255	3.078	0	0	0	0	0	0	8,049	15.180	29.476	
2007	4	2,306,139	478,419	164.063	172.119	3.593	0	0	0	0	0	0	8,043	15.180	29.381	
2007	5	2,458,914	480,835	173.210	243.539	4.377	0	0	0	0	0	0	8,034	15.180	29.524	
2007	6	2,637,197	482,177	178.626	312.080	4.920	0	0	0	0	0	0	8,021	15.180	30.619	
2007	7	2,820,578	483,354	189.696	389.867	5.812	0	0	0	0	0	0	7,999	15.180	30.762	
2007	8	2,803,157	483,664	196.623	423.743	6.571	0	0	0	0	0	0	7,983	15.180	29.476	
2007	9	2,936,416	485,009	198.042	421.806	6.102	0	0	0	0	0	0	7,967	15.180	30.571	
2007	10	2,726,276	485,305	189.357	366.291	5.715	0	0	0	0	0	0	7,955	15.180	29.667	
2007	11	2,548,846	485,806	175.168	258.467	4.424	0	0	0	0	0	0	7,940	15.180	29.952	
2007	12	2,525,026	486,039	160.909	173.772	3.275	0	0	0	0	0	0	7,923	15.180	32.286	
2008	1	2,488,707	486,924	152.894	125.570	5.063	0	0	0	0	0	0	7,912	15.180	33.429	
2008	2	2,310,288	487,680	156.177	125.501	5.301	0	0	0	0	0	0	7,888	15.180	30.333	
2008	3	2,282,956	487,304	159.452	149.443	6.045	0	0	0	0	0	0	7,858	15.180	29.381	
2008	4	2,345,421	487,502	163.749	190.003	6.540	0	0	0	0	0	0	7,813	15.180	29.381	
2008	5	2,491,451	488,523	172.465	259.032	7.569	0	0	0	0	0	0	7,777	15.180	29.571	
2008	6	2,785,569	488,882	185.797	366.170	8.834	0	0	0	0	0	0	7,742	15.180	30.667	
2008	7	2,767,833	489,433	184.695	373.519	9.066	0	0	0	0	0	0	7,711	15.180	30.619	
2008	8	2,734,650	490,029	189.019	399.250	9.823	0	0	0	0	0	0	7,672	15.204	29.524	
2008	9	2,850,451	490,117	189.355	413.954	9.651	0	0	0	0	0	0	7,630	15.240	30.714	
2008	10	2,690,285	490,640	185.721	347.570	9.102	0	0	0	0	0	0	7,584	15.295	29.524	
2008	11	2,338,825	490,392	162.326	199.087	6.809	0	0	0	0	0	0	7,535	15.357	29.381	
2008	12	2,382,767	489,890	148.244	99.664	4.731	0	0	0	0	0	0	7,482	15.427	32.810	
2009	1	2,397,486	489,439	145.704	97.699	5.924	0	0	0	0	0	0	7,413	15.494	33.619	
2009	2	2,150,103	489,666	145.444	58.048	5.361	0	0	0	0	0	0	7,362	15.577	30.190	
2009	3	2,146,964	489,285	149.347	96.601	6.674	0	0	0	0	0	0	7,318	15.643	29.381	
2009	4	2,296,006	488,914	159.836	197.062	8.391	0	0	0	0	0	0	7,281	15.718	29.381	
2009	5	2,461,688	488,925	169.445	272.322	9.702	0	0	0	0	0	0	7,248	15.782	29.714	
2009	6	2,633,023	488,361	176.633	339.499	10.453	0	0	0	0	0	0	7,219	15.834	30.524	
2009	7	2,780,988	488,769	185.534	409.814	11.846	0	0	0	0	0	0	7,196	15.896	30.667	
2009	8	2,721,052	489,316	188.660	428.732	12.951	0	0	0	0	0	0	7,176	15.896	29.476	
2009	9	2,806,682	489,229	187.949	406.916	11.789	0	0	0	0	0	0	7,160	15.896	30.524	
2009	10	2,700,021	489,553	185.612	385.685	11.971	0	0	0	0	0	0	7,149	15.896	29.714	
2009	11	2,522,130	489,692	174.172	294.391	10.198	0	0	0	0	0	0	7,140	15.896	29.571	
2009	12	2,479,140	489,694	155.205	168.575	7.315	0	0	0	0	0	0	7,135	15.896	32.619	
2010	1	2,383,910	489,706	144.187	77.049	7.230	0	0	0	0	0	0	7,128	15.896	33.762	
2010	2	2,112,631	489,564	143.615	61.190	7.082	0	0	0	0	0	0	7,132	15.896	30.048	
2010	3	2,019,979	490,316	140.218	40.891	7.287	0	0	0	0	0	0	7,142	15.896	29.381	
2010	4	2,144,958	490,545	148.824	140.033	9.415	0	0	0	0	0	0	7,174	15.896	29.381	
2010	5	2,461,984	491,009	169.832	285.907	12.798	0	0	0	0	0	0	7,185	15.896	29.524	
2010	6	2,792,221	491,505	184.963	392.647	14.537	0	0	0	0	0	0	7,190	15.896	30.714	
2010	7	2,877,676	492,275	191.216	440.067	15.821	0	0	0	0	0	0	7,181	15.896	30.571	
2010	8	2,836,967	493,071	193.942	447.776	16.552	0	0	0	0	0	0	7,183	15.896	29.667	
2010	9	2,838,924	493,150	188.893	422.703	15.674	0	0	0	0	0	0	7,187	15.896	30.476	

Year	Month	Small/Medium Commercial	Small/Medium Commercial	Sm/Med Commercial Use	Bill Day Cooling Degree	Codes and Standards	Indicator Variable for Hurricane Irma	Indicator Variable for November 2011	Indicator Variable for April 2020	Indicator Variable for May 2020	Indicator Variable for June 2020	Indicator Variable for July 2020	Florida Employment (1,000's)	Real Electric Price Increase 12 Month Average	Bill Days
		Sales (MWh)	Customers	Per Customer per Bill Day (kWh)	Hours Base - 66	(kWh/Cust)	0	0	0	0	0	0	0	Cents/kWh	
2010	10	2,589,799	493,203	176.997	336.782	14.120	0	0	0	0	0	0	7,195	15.896	29.667
2010	11	2,398,649	493,259	163.392	232.894	11.544	0	0	0	0	0	0	7,200	15.896	29.762
2010	12	2,285,229	493,012	146.820	107.301	8.342	0	0	0	0	0	0	7,205	15.896	31.571
2011	1	2,230,640	493,894	137.856	40.972	8.216	0	0	0	0	0	0	7,209	15.896	32.762
2011	2	2,051,929	493,855	143.273	71.456	9.228	0	0	0	0	0	0	7,215	15.896	29.000
2011	3	2,179,020	494,560	150.206	130.565	11.405	0	0	0	0	0	0	7,223	15.896	29.333
2011	4	2,465,466	495,182	160.859	230.172	12.919	0	0	0	0	0	0	7,233	15.896	30.952
2011	5	2,531,170	495,864	172.895	320.682	15.949	0	0	0	0	0	0	7,242	15.896	29.524
2011	6	2,766,160	496,569	177.785	376.377	16.317	0	0	0	0	0	0	7,251	15.896	31.333
2011	7	2,757,458	497,000	180.641	405.777	17.440	0	0	0	0	0	0	7,260	15.896	30.714
2011	8	2,804,792	497,459	187.941	442.620	18.965	0	0	0	0	0	0	7,269	15.896	30.000
2011	9	2,954,636	497,129	184.360	406.829	16.726	0	0	0	0	0	0	7,277	15.896	32.238
2011	10	2,596,034	497,342	175.947	339.524	16.589	0	0	0	0	0	0	7,282	15.896	29.667
2011	11	2,298,473	497,661	158.997	213.049	13.488	0	0	0	0	0	0	7,293	15.896	29.048
2011	12	2,332,487	497,781	152.795	165.311	11.830	0	0	0	0	0	0	7,305	15.896	30.667
2012	1	2,360,596	498,336	143.959	98.921	11.403	0	0	0	0	0	0	7,323	15.896	32.905
2012	2	2,170,703	498,565	149.398	115.313	12.702	0	0	0	0	0	0	7,338	15.896	29.143
2012	3	2,322,054	498,917	156.633	169.243	14.567	0	0	0	0	0	0	7,354	15.896	29.714
2012	4	2,456,477	499,410	161.144	212.747	15.008	0	0	0	0	0	0	7,373	15.896	30.524
2012	5	2,466,346	499,971	163.914	249.558	16.662	0	0	0	0	0	0	7,386	15.896	30.095
2012	6	2,739,983	499,956	174.376	345.551	18.572	0	0	0	0	0	0	7,397	15.896	31.429
2012	7	2,782,770	500,444	180.762	390.809	20.399	0	0	0	0	0	0	7,399	15.896	30.762
2012	8	2,835,094	500,855	184.010	410.953	21.061	0	0	0	0	0	0	7,410	15.896	30.762
2012	9	2,795,299	501,162	183.300	394.152	20.851	0	0	0	0	0	0	7,425	15.896	30.429
2012	10	2,702,901	501,297	178.030	351.497	19.980	0	0	0	0	0	0	7,447	15.896	30.286
2012	11	2,365,565	501,501	156.486	187.189	14.763	0	0	0	0	0	0	7,463	15.896	30.143
2012	12	2,278,352	501,767	148.757	127.297	13.018	0	0	0	0	0	0	7,479	15.896	30.524
2013	1	2,353,289	502,188	147.314	127.334	15.204	0	0	0	0	0	0	7,491	15.896	31.810
2013	2	2,229,944	502,192	149.675	113.863	14.557	0	0	0	0	0	0	7,507	15.896	29.667
2013	3	2,125,943	502,636	147.789	98.052	15.498	0	0	0	0	0	0	7,522	15.896	28.619
2013	4	2,343,342	502,988	153.590	162.333	16.423	0	0	0	0	0	0	7,539	15.896	30.333
2013	5	2,594,270	503,547	165.936	252.780	19.264	0	0	0	0	0	0	7,557	15.896	31.048
2013	6	2,655,038	504,051	173.652	323.644	21.847	0	0	0	0	0	0	7,574	15.896	30.333
2013	7	2,752,328	504,643	180.369	385.179	24.391	0	0	0	0	0	0	7,594	15.896	30.238
2013	8	2,888,713	505,300	184.414	406.211	24.481	0	0	0	0	0	0	7,612	15.896	31.000
2013	9	2,960,628	506,459	184.048	396.709	23.244	0	0	0	0	0	0	7,631	15.896	31.762
2013	10	2,659,132	505,671	178.980	348.354	24.236	0	0	0	0	0	0	7,648	15.896	29.381
2013	11	2,514,536	509,142	168.094	274.817	21.177	0	0	0	0	0	0	7,667	15.896	29.381
2013	12	2,484,701	509,730	156.521	188.168	17.409	0	0	0	0	0	0	7,685	15.896	31.143
2014	1	2,452,571	510,462	147.725	132.446	17.866	0	0	0	0	0	0	7,701	15.929	32.524
2014	2	2,256,680	510,977	149.349	106.580	17.037	0	0	0	0	0	0	7,722	15.965	29.571
2014	3	2,260,536	511,724	153.588	138.217	20.043	0	0	0	0	0	0	7,744	15.985	28.762
2014	4	2,368,752	512,857	155.938	182.222	20.549	0	0	0	0	0	0	7,773	16.021	29.619
2014	5	2,672,379	513,566	169.420	284.785	24.096	0	0	0	0	0	0	7,797	16.059	30.714
2014	6	2,728,931	513,794	173.194	334.837	25.573	0	0	0	0	0	0	7,819	16.092	30.667
2014	7	2,813,575	514,367	178.094	376.780	27.625	0	0	0	0	0	0	7,837	16.123	30.714
2014	8	2,935,215	514,470	185.177	413.082	29.180	0	0	0	0	0	0	7,859	16.157	30.810
2014	9	2,969,430	515,598	186.641	405.797	28.565	0	0	0	0	0	0	7,882	16.197	30.857
2014	10	2,691,793	516,194	175.774	334.078	27.292	0	0	0	0	0	0	7,908	16.234	29.667
2014	11	2,461,502	516,895	158.736	199.939	21.429	0	0	0	0	0	0	7,932	16.271	30.000
2014	12	2,328,300	517,310	147.451	130.199	18.711	0	0	0	0	0	0	7,955	16.320	30.524
2015	1	2,421,169	517,696	145.288	124.398	19.862	0	0	0	0	0	0	7,975	16.320	32.190
2015	2	2,192,605	518,093	141.968	64.554	17.188	0	0	0	0	0	0	7,998	16.320	29.810
2015	3	2,339,768	518,584	154.061	158.014	22.805	0	0	0	0	0	0	8,020	16.320	29.286
2015	4	2,595,607	519,529	165.488	243.777	24.750	0	0	0	0	0	0	8,042	16.320	30.190
2015	5	2,758,347	520,346	172.592	310.435	27.054	0	0	0	0	0	0	8,066	16.320	30.714
2015	6	2,867,090	521,111	180.810	366.919	29.226	0	0	0	0	0	0	8,092	16.320	30.429
2015	7	3,002,947	521,746	186.524	418.413	31.030	0	0	0	0	0	0	8,119	16.320	30.857
2015	8	3,004,773	522,201	185.902	415.166	31.047	0	0	0	0	0	0	8,146	16.320	30.952
2015	9	2,978,543	522,743	186.964	404.465	31.087	0	0	0	0	0	0	8,174	16.320	30.476
2015	10	2,777,286	522,994	178.999	342.431	29.756	0	0	0	0	0	0	8,207	16.320	29.667

Year	Month	Small/Medium Commercial	Small/Medium Commercial	Sm/Med Commercial Use	Bill Day Cooling Degree	Codes and Standards	Indicator Variable for Hurricane Irma	Indicator Variable for November 2011	Indicator Variable for April 2020	Indicator Variable for May 2020	Indicator Variable for June 2020	Indicator Variable for July 2020	Florida Employment (1,000's)	Real Electric Price Increase 12 Month Average	Bill Days
		Sales (MWh)	Customers	Per Customer per Bill Day (kWh)	Hours Base - 66	(kWh/Cust)								Cents/kWh	
2015	11	2,720,952	523,706	175.130	309.635	28.077	0	0	0	0	0	0	8,233	16.320	29.667
2015	12	2,645,747	524,274	162.043	216.142	23.885	0	0	0	0	0	0	8,256	16.320	31.143
2016	1	2,560,942	524,339	151.728	157.348	24.119	0	0	0	0	0	0	8,272	16.320	32.190
2016	2	2,145,413	525,520	141.472	64.207	20.752	0	0	0	0	0	0	8,292	16.320	28.857
2016	3	2,423,096	526,304	148.972	123.939	22.960	0	0	0	0	0	0	8,313	16.320	30.905
2016	4	2,583,949	527,073	160.111	215.675	26.427	0	0	0	0	0	0	8,332	16.320	30.619
2016	5	2,615,926	527,768	167.883	266.320	30.045	0	0	0	0	0	0	8,355	16.320	29.524
2016	6	2,903,459	528,555	178.850	359.646	32.520	0	0	0	0	0	0	8,378	16.320	30.714
2016	7	3,170,840	529,230	189.201	428.325	35.121	0	0	0	0	0	0	8,409	16.320	31.667
2016	8	3,120,254	529,978	191.091	437.626	36.763	0	0	0	0	0	0	8,431	16.320	30.810
2016	9	3,094,860	530,553	187.595	415.705	35.299	0	0	0	0	0	0	8,450	16.320	31.095
2016	10	2,772,557	531,059	175.980	365.252	35.171	0	0	0	0	0	0	8,462	16.320	29.667
2016	11	2,482,259	531,491	160.781	235.480	29.490	0	0	0	0	0	0	8,478	16.320	29.048
2016	12	2,516,575	532,150	154.207	177.798	25.840	0	0	0	0	0	0	8,494	16.320	30.667
2017	1	2,575,730	533,034	149.892	168.592	26.600	0	0	0	0	0	0	8,510	16.335	32.238
2017	2	2,245,360	533,718	147.001	119.599	24.955	0	0	0	0	0	0	8,526	16.347	28.619
2017	3	2,395,491	534,538	151.789	140.835	26.841	0	0	0	0	0	0	8,541	16.385	29.524
2017	4	2,550,749	535,148	156.400	198.419	28.099	0	0	0	0	0	0	8,564	16.455	30.476
2017	5	2,768,797	535,773	168.257	291.471	32.371	0	0	0	0	0	0	8,571	16.515	30.714
2017	6	2,985,904	536,551	176.532	370.072	34.347	0	0	0	0	0	0	8,570	16.575	31.524
2017	7	3,079,982	536,840	184.786	429.907	38.640	0	0	0	0	0	0	8,532	16.637	31.048
2017	8	3,041,438	537,886	188.783	448.597	41.052	0	0	0	0	0	0	8,538	16.700	29.952
2017	9	2,890,514	537,388	175.669	432.542	38.880	1	0	0	0	0	0	8,558	16.772	30.619
2017	10	2,830,575	537,797	174.889	388.335	38.664	0	0	0	0	0	0	8,619	16.835	30.095
2017	11	2,590,877	537,848	162.636	250.936	31.857	0	0	0	0	0	0	8,648	16.897	29.619
2017	12	2,512,955	537,742	151.677	175.573	27.861	0	0	0	0	0	0	8,672	16.960	30.810
2018	1	2,441,135	537,892	140.986	84.501	25.241	0	0	0	0	0	0	8,685	16.978	32.190
2018	2	2,377,365	538,441	148.353	132.863	27.633	0	0	0	0	0	0	8,704	16.984	29.762
2018	3	2,413,167	539,175	153.077	158.944	31.572	0	0	0	0	0	0	8,721	16.984	29.238
2018	4	2,495,901	539,890	154.837	178.468	30.881	0	0	0	0	0	0	8,736	16.984	29.857
2018	5	2,740,482	540,864	164.205	251.349	34.253	0	0	0	0	0	0	8,754	16.984	30.857
2018	6	2,860,987	541,556	172.267	326.253	37.759	0	0	0	0	0	0	8,772	16.984	30.667
2018	7	3,052,040	541,997	183.054	388.792	41.883	0	0	0	0	0	0	8,795	16.984	30.762
2018	8	3,150,064	542,760	186.647	404.725	42.742	0	0	0	0	0	0	8,813	16.984	31.095
2018	9	3,032,090	543,239	185.463	397.180	43.328	0	0	0	0	0	0	8,830	16.984	30.095
2018	10	3,055,445	543,759	187.899	398.208	44.547	0	0	0	0	0	0	8,845	16.984	29.905
2018	11	2,803,305	544,239	170.615	277.805	36.996	0	0	0	0	0	0	8,860	16.984	30.190
2018	12	2,513,207	547,865	150.284	152.857	29.934	0	0	0	0	0	0	8,875	16.984	30.524
2019	1	2,514,593	550,605	142.083	110.931	28.319	0	0	0	0	0	0	8,890	16.984	32.143
2019	2	2,301,552	551,037	144.026	98.236	27.925	0	0	0	0	0	0	8,902	16.984	29.000
2019	3	2,511,469	551,631	155.460	179.481	34.544	0	0	0	0	0	0	8,912	16.984	29.286
2019	4	2,639,346	552,162	155.869	186.268	32.029	0	0	0	0	0	0	8,917	16.984	30.667
2019	5	2,774,986	552,829	168.658	293.271	39.664	0	0	0	0	0	0	8,928	16.991	29.762
2019	6	3,039,685	553,490	179.361	384.144	42.669	0	0	0	0	0	0	8,942	16.997	30.619
2019	7	3,129,636	553,936	184.231	423.773	45.617	0	0	0	0	0	0	8,962	17.005	30.667
2019	8	3,129,981	554,622	182.890	411.898	45.040	0	0	0	0	0	0	8,976	17.024	30.857
2019	9	3,154,493	555,095	182.474	428.649	45.407	0	0	0	0	0	0	8,990	17.024	31.143
2019	10	3,061,021	555,747	180.169	394.541	44.914	0	0	0	0	0	0	9,002	17.024	30.571
2019	11	2,814,332	556,207	171.381	322.016	41.797	0	0	0	0	0	0	9,013	17.024	29.524
2019	12	2,492,823	556,486	145.394	152.203	31.573	0	0	0	0	0	0	9,023	17.024	30.810
2020	1	2,556,174	556,874	143.230	158.641	32.888	0	0	0	0	0	0	9,169	17.024	32.048
2020	2	2,367,239	557,199	144.599	133.319	32.400	0	0	0	0	0	0	9,074	17.024	29.381
2020	3	2,441,761	557,605	148.799	178.785	36.366	0	0	0	0	0	0	8,875	17.024	29.429
2020	4	2,499,077	557,688	145.671	286.902	39.654	0	0	1	0	0	0	8,240	17.024	30.762
2020	5	2,447,862	558,255	142.983	300.935	40.919	0	0	0	1	0	0	8,082	17.024	30.667
2020	6	2,772,291	558,824	160.772	349.210	42.603	0	0	0	0	1	0	8,069	17.024	30.857
2020	7	3,026,413	559,749	175.760	433.915	48.314	0	0	0	0	0	1	8,437	17.024	30.762
2020	8	3,132,448	560,706	180.493	414.774	47.499	0	0	0	0	0	0	8,537	17.024	30.952
2020	9	3,074,236	561,300	179.715	405.854	47.088	0	0	0	0	0	0	8,604	17.024	30.476
2020	10	2,883,682	561,183	173.209	356.871	46.447	0	0	0	0	0	0	8,607	17.024	29.667
2020	11	2,739,379	561,008	160.978	248.810	38.755	0	0	0	0	0	0	8,634	17.024	30.333

Year	Month	Small/Medium	Small/Medium	Sm/Med Commercial Use Per Customer per Bill Day	Bill Day	Codes and Standards (kWh/Cust)	Indicator Variable for Hurricane Irma	Indicator Variable					Florida Employment (1,000's)	Real Electric Price	
		Commercial Sales (MWh)	Commercial Customers		Cooling Degree Hours Base - 66			for November 2011	Indicator Variable for April 2020	Indicator Variable for May 2020	Indicator Variable for June 2020	Indicator Variable for July 2020		Average	Bill Days
2020	12	2,505,329	560,944	148.876	149.736	34.270	0	0	0	0	0	0	8,653	17.024	30.000
2021	1	2,534,163	561,322	142.566	99.069	32.239	0	0	0	0	0	0	8,654	17.024	31.667
2021	2	2,364,390	561,839	141.399	85.779	30.368	0	0	0	0	0	0	8,665	17.026	29.762
2021	3	2,435,642	562,453	145.736	129.789	35.682	0	0	0	0	0	0	8,675	17.026	29.714
2021	4	2,634,200	563,075	153.264	188.173	37.381	0	0	0	0	0	0	8,684	17.026	30.524
2021	5	2,779,318	563,589	162.065	265.043	42.929	0	0	0	0	0	0	8,696	17.026	30.429
2021	6	2,967,506	564,044	172.095	347.587	47.159	0	0	0	0	0	0	8,709	17.026	30.571
2021	7	3,107,517	564,422	177.602	395.140	50.447	0	0	0	0	0	0	8,720	17.026	31.000
2021	8	3,159,204	564,802	179.883	414.774	51.914	0	0	0	0	0	0	8,737	17.026	31.095
2021	9	3,098,623	565,130	178.793	405.854	51.707	0	0	0	0	0	0	8,757	17.026	30.667
2021	10	2,885,313	565,453	172.276	356.871	51.236	0	0	0	0	0	0	8,782	17.026	29.619
2021	11	2,696,454	565,835	160.118	248.810	43.239	0	0	0	0	0	0	8,806	17.026	29.762
2021	12	2,571,522	566,286	148.769	149.736	36.543	0	0	0	0	0	0	8,831	17.026	30.524
2022	1	2,605,712	566,796	142.921	99.069	33.237	0	0	0	0	0	0	8,858	17.090	32.167
2022	2	2,345,864	567,368	141.413	85.779	32.376	0	0	0	0	0	0	8,884	17.155	29.238
2022	3	2,452,785	567,993	145.834	129.789	37.436	0	0	0	0	0	0	8,911	17.221	29.611
2022	4	2,653,767	568,615	153.378	188.173	39.106	0	0	0	0	0	0	8,937	17.286	30.429
2022	5	2,802,901	569,140	162.144	265.043	44.754	0	0	0	0	0	0	8,965	17.352	30.373
2022	6	3,023,181	569,641	172.301	347.587	48.594	0	0	0	0	0	0	8,993	17.419	30.802
2022	7	3,135,745	570,142	177.644	395.140	52.400	0	0	0	0	0	0	9,022	17.485	30.961
2022	8	3,155,865	570,673	179.725	414.774	54.404	0	0	0	0	0	0	9,050	17.552	30.770
2022	9	3,129,945	571,167	178.786	405.854	53.645	0	0	0	0	0	0	9,077	17.619	30.651
2022	10	2,949,523	571,657	172.397	356.871	52.643	0	0	0	0	0	0	9,104	17.686	29.929
2022	11	2,722,710	572,211	160.047	248.810	45.041	0	0	0	0	0	0	9,129	17.754	29.730
2022	12	2,612,409	572,837	148.748	149.736	37.987	0	0	0	0	0	0	9,151	17.821	30.659
2023	1	2,637,019	573,530	142.940	99.069	34.545	0	0	0	0	0	0	9,167	17.847	32.167
2023	2	2,375,160	574,273	141.457	85.779	33.655	0	0	0	0	0	0	9,188	17.874	29.238
2023	3	2,483,509	575,053	145.848	129.789	38.864	0	0	0	0	0	0	9,211	17.900	29.611
2023	4	2,688,233	575,800	153.432	188.173	40.515	0	0	0	0	0	0	9,237	17.925	30.429
2023	5	2,839,325	576,431	162.174	265.043	46.286	0	0	0	0	0	0	9,259	17.951	30.373
2023	6	3,062,860	577,016	172.332	347.587	50.163	0	0	0	0	0	0	9,281	17.977	30.802
2023	7	3,176,590	577,580	177.640	395.140	54.057	0	0	0	0	0	0	9,299	18.002	30.961
2023	8	3,197,133	578,156	179.718	414.774	56.106	0	0	0	0	0	0	9,320	18.027	30.770
2023	9	3,171,466	578,683	178.805	405.854	55.318	0	0	0	0	0	0	9,341	18.052	30.651
2023	10	2,988,897	579,193	172.425	356.871	54.341	0	0	0	0	0	0	9,363	18.077	29.929
2023	11	2,760,467	579,756	160.155	248.810	46.581	0	0	0	0	0	0	9,384	18.102	29.730
2023	12	2,650,114	580,381	148.934	149.736	39.397	0	0	0	0	0	0	9,405	18.125	30.659

Year	Summer Peak (MW)	Customers	Summer Peak Per Customer (KW/Cust)	Maximum Peak Day Temperature Degrees	Minimum Peak Day Temperature Degrees	Codes and Standards Impact (KW/Cust)	Florida Non-Agricultural Employment (1,000's)	Indicator Variable for 2019	Adjustment for Wholesale (MW)	Adjustment for Private Solar (MW)	Adjustment for Electric Vehicles (MW)	Adjustment for DSM (MW)	Adjustment for the Economic Development Rate (MW)
1980	9,623	2,173,151	4,428	93.2	79.3	0.000	3,589	0	0	0	0	0	0
1981	9,738	2,267,470	4,295	95.7	78.4	0.000	3,744	0	0	0	0	0	0
1982	9,862	2,339,851	4,215	90.8	78.5	0.000	3,763	0	0	0	0	0	0
1983	10,676	2,407,248	4,435	94.7	78.9	0.000	3,931	0	0	0	0	0	0
1984	10,270	2,506,338	4,098	91.1	77.9	0.000	4,224	0	0	0	0	0	0
1985	10,654	2,592,751	4,109	94.5	75.2	0.000	4,425	0	0	0	0	0	0
1986	11,022	2,709,826	4,067	90.3	75.4	0.000	4,618	0	0	0	0	0	0
1987	12,394	2,829,303	4,381	92.5	81.1	0.000	4,868	0	0	0	0	0	0
1988	12,382	2,941,948	4,209	91.1	77.9	0.000	5,085	0	0	0	0	0	0
1989	13,425	3,053,513	4,397	95.0	78.0	0.000	5,274	0	0	0	0	0	0
1990	13,754	3,145,324	4,373	95.0	78.0	0.000	5,360	0	0	0	0	0	0
1991	14,123	3,210,321	4,399	92.0	79.0	0.000	5,273	0	0	0	0	0	0
1992	14,661	3,264,307	4,491	91.0	79.0	0.000	5,350	0	0	0	0	0	0
1993	15,266	3,346,275	4,562	91.0	81.0	0.000	5,568	0	0	0	0	0	0
1994	15,179	3,405,058	4,458	92.0	78.0	0.000	5,796	0	0	0	0	0	0
1995	15,813	3,474,401	4,551	93.0	78.0	0.000	5,988	0	0	0	0	0	0
1996	16,064	3,538,830	4,539	90.0	79.0	0.000	6,175	0	0	0	0	0	0
1997	16,613	3,609,958	4,602	92.0	79.0	0.000	6,414	0	0	0	0	0	0
1998	17,897	3,670,638	4,876	94.0	79.0	0.000	6,625	0	0	0	0	0	0
1999	17,615	3,754,576	4,692	91.0	79.0	0.000	6,819	0	0	0	0	0	0
2000	17,808	3,850,200	4,625	90.0	75.0	0.000	7,071	0	0	0	0	0	0
2001	18,754	3,938,314	4,762	91.3	78.6	0.000	7,144	0	0	0	0	0	0
2002	19,219	4,025,172	4,775	91.3	77.8	0.000	7,161	0	0	0	0	0	0
2003	19,668	4,114,415	4,780	89.7	79.6	0.000	7,247	0	0	0	0	0	0
2004	20,545	4,233,818	4,853	91.9	77.8	0.000	7,509	0	0	0	0	0	0
2005	22,361	4,340,306	5,152	92.5	80.2	0.006	7,806	0	0	0	0	0	0
2006	21,819	4,416,127	4,941	91.7	79.7	0.042	7,996	0	0	0	0	0	0
2007	21,962	4,508,215	4,872	91.9	80.4	0.082	7,989	0	0	0	0	0	0
2008	21,060	4,507,318	4,672	91.2	79.0	0.141	7,675	0	0	0	0	0	0
2009	22,351	4,497,918	4,969	95.3	80.8	0.177	7,210	0	0	0	0	0	0
2010	22,256	4,526,766	4,865	92.8	80.6	0.216	7,182	0	232	0	0	0	0
2011	21,619	4,550,328	4,692	92.8	80.9	0.257	7,265	0	269	0	0	0	0
2012	21,440	4,579,585	4,621	90.5	79.6	0.299	7,414	0	278	0	0	0	0
2013	21,576	4,630,751	4,606	90.9	79.4	0.352	7,603	0	245	0	0	0	0
2014	22,935	4,709,239	4,659	92.3	79.4	0.409	7,850	0	994	0	0	0	0
2015	22,959	4,772,498	4,570	91.5	79.7	0.476	8,136	0	1,147	0	0	0	0
2016	23,858	4,842,575	4,677	92.3	81.4	0.542	8,408	0	1,209	0	0	0	0
2017	23,373	4,911,793	4,509	92.0	81.6	0.605	8,586	0	1,227	0	0	0	0
2018	23,217	4,968,309	4,459	90.5	78.2	0.666	8,799	0	1,178	0	0	0	0
2019	24,241	5,058,860	4,559	94.5	80.3	0.727	8,979	1	1,178	0	0	0	0
2020	24,499	5,135,408	4,592	92.7	80.1	0.785	8,538	0	916	0	0	0	0
2021	24,620	5,192,639	4,502	92.0	79.8	0.815	8,744	0	1,274	-37	13	-30	25
2022	24,908	5,243,970	4,502	92.0	79.8	0.858	9,032	0	1,366	-71	36	-58	27
2023	25,353	5,308,544	4,531	92.0	79.8	0.882	9,310	0	1,386	-102	70	-88	32

Year	Winter Peak (MW)	Customers	Winter Peak Per Customer (KW/Cust)	Minimum Peak Day Temperature Degrees	Prior Day CDH Buildup Squared CDH ²	Indicator Variable for Post 2011 (KW/Cust)	Florida Non- Agricultural Employment (1,000's)	Indicator Variable for 2008	Indicator Variable for 2020	Adjustment for Wholesale (MW)	Adjustment for Private Solar (MW)	Adjustment for Electric Vehicles (MW)	Adjustment for DSM (MW)	Adjustment for the Economic Development Rate (MW)	Impact of Codes and Standards (MW)
1980	9,732	2,186,592	4.451	31.0	467,856.0	0.000	3,589	0	0	0	0	0	0	0	0
1981	10,738	2,266,527	5.012	30.6	731,025.0	0.000	3,744	0	0	0	0	0	0	0	0
1982	10,885	2,351,764	4.824	30.9	606,669.6	0.000	3,763	0	0	0	0	0	0	0	0
1983	9,327	2,420,821	3.833	40.2	212,207.6	0.000	3,931	0	0	0	0	0	0	0	0
1984	10,384	2,487,119	4.443	30.0	882,284.5	0.000	4,224	0	0	0	0	0	0	0	0
1985	12,533	2,598,456	4.823	28.8	859,180.7	0.000	4,425	0	0	0	0	0	0	0	0
1986	12,139	2,701,067	4.494	32.7	378,901.8	0.000	4,618	0	0	0	0	0	0	0	0
1987	10,779	2,813,786	3.831	40.1	276,265.9	0.000	4,868	0	0	0	0	0	0	0	0
1988	12,372	2,928,352	4.225	42.4	359,580.1	0.000	5,085	0	0	0	0	0	0	0	0
1989	12,876	3,056,258	4.213	35.3	544,644.0	0.000	5,274	0	0	0	0	0	0	0	0
1990	13,988	3,122,859	5.138	28.4	622,521.0	0.000	5,360	0	0	0	0	0	0	0	0
1991	11,868	3,234,722	3.669	38.6	90,000.0	0.000	5,273	0	0	0	0	0	0	0	0
1992	13,319	3,279,470	4.061	42.7	309,136.0	0.000	5,350	0	0	0	0	0	0	0	0
1993	12,964	3,351,722	3.868	40.8	362,404.0	0.000	5,568	0	0	0	0	0	0	0	0
1994	12,594	3,419,751	3.683	48.2	199,809.0	0.000	5,796	0	0	0	0	0	0	0	0
1995	16,563	3,489,886	4.746	36.0	257,049.0	0.000	5,988	0	0	0	0	0	0	0	0
1996	18,096	3,549,253	5.142	33.5	447,561.0	0.000	6,175	0	0	0	0	0	0	0	0
1997	16,490	3,598,844	4.582	35.3	552,049.0	0.000	6,414	0	0	0	0	0	0	0	0
1998	13,060	3,670,765	3.558	48.2	181,476.0	0.000	6,625	0	0	0	0	0	0	0	0
1999	16,802	3,728,425	4.506	40.0	458,329.0	0.000	6,819	0	0	0	0	0	0	0	0
2000	17,057	3,813,825	4.472	38.8	375,769.0	0.000	7,071	0	0	0	0	0	0	0	0
2001	18,199	3,906,441	4.659	35.8	427,024.8	0.000	7,144	0	0	0	0	0	0	0	0
2002	17,597	3,979,705	4.422	40.1	395,232.8	0.000	7,161	0	0	0	0	0	0	0	0
2003	20,190	4,072,297	4.9579	33.1	447,561.0	0.000	7,247	0	0	0	0	0	0	0	0
2004	14,752	4,191,930	3.519	46.7	201,205.9	0.000	7,509	0	0	0	0	0	0	0	0
2005	18,108	4,272,459	4.238	38.7	139,925.4	0.000	7,806	0	0	0	0	0	0	0	0
2006	19,683	4,377,958	4.4959	38.3	424,057.2	0.000	7,996	0	0	0	0	0	0	0	0
2007	16,815	4,476,835	3.7560	41.6	253,712.4	0.000	7,989	0	0	0	0	0	0	0	0
2008	18,055	4,512,537	4.0011	36.0	428,145.2	0.000	7,675	1	0	0	0	0	0	0	0
2009	20,081	4,502,684	4.4598	34.6	330,555.8	0.000	7,210	0	75	0	0	0	0	0	0
2010	24,346	4,502,130	5.3364	33.4	844,408.9	0.000	7,182	0	321	0	0	0	0	0	0
2011	21,126	4,527,028	4.6101	36.1	664,360.2	0.000	7,265	0	256	0	0	0	0	0	0
2012	17,934	4,560,015	3.8739	39.0	400,199.7	1.000	7,414	0	269	0	0	0	0	0	0
2013	15,931	4,605,771	3.405	41.8	261,247.0	1.000	7,603	0	247	0	0	0	0	0	0
2014	17,500	4,679,556	3.529	42.0	204,485.7	1.000	7,850	0	988	0	0	0	0	0	0
2015	19,718	4,753,351	3.896	38.2	334,512.7	1.000	8,136	0	1,199	0	0	0	0	0	0
2016	17,031	4,817,922	3.331	45.2	175,584.9	1.000	8,408	0	984	0	0	0	0	0	0
2017	18,029	4,882,571	2.834	48.2	95,594.6	1.000	8,586	0	906	0	0	0	0	0	0
2018	19,109	4,928,305	3.643	41.3	382,638.5	1.000	8,799	0	1,156	0	0	0	0	0	0
2019	18,963	5,041,835	3.028	46.8	228,787.2	1.000	8,979	0	1,174	0	0	0	0	0	0
2020	20,602	5,114,843	3.246	39.3	236,516.1	1.000	8,538	0	912	0	0	0	0	0	0
2021	20,061	5,170,154	3.761	39.8	343,787.8	1.000	8,744	0	1,095	-4	5	-7	25	-499	
2022	20,289	5,213,929	3.792	39.8	343,787.8	1.000	9,032	0	1,041	-8	13	-20	28	-538	
2023	20,672	5,272,324	3.822	39.8	343,787.8	1.000	9,310	0	1,080	-11	25	-33	33	-575	

Industrial Customers

Year	Month	Model Ouput
1991	1	254
1991	2	253
1991	3	256
1991	4	259
1991	5	260
1991	6	259
1991	7	261
1991	8	261
1991	9	260
1991	10	263
1991	11	264
1991	12	264
1992	1	264
1992	2	265
1992	3	260
1992	4	258
1992	5	259
1992	6	255
1992	7	257
1992	8	260
1992	9	263
1992	10	263
1992	11	265
1992	12	270
1993	1	269
1993	2	266
1993	3	266
1993	4	268
1993	5	266
1993	6	265
1993	7	267
1993	8	269
1993	9	267
1993	10	269
1993	11	273
1993	12	274
1994	1	275
1994	2	277
1994	3	278
1994	4	279
1994	5	278
1994	6	280
1994	7	279
1994	8	281
1994	9	283

Industrial Customers

Year	Month	Model Ouput
1994	10	282
1994	11	284
1994	12	282
1995	1	281
1995	2	280
1995	3	274
1995	4	272
1995	5	271
1995	6	272
1995	7	272
1995	8	272
1995	9	271
1995	10	272
1995	11	275
1995	12	275
1996	1	272
1996	2	275
1996	3	279
1996	4	279
1996	5	279
1996	6	278
1996	7	279
1996	8	280
1996	9	281
1996	10	281
1996	11	276
1996	12	275
1997	1	276
1997	2	278
1997	3	276
1997	4	278
1997	5	279
1997	6	281
1997	7	278
1997	8	276
1997	9	275
1997	10	260
1997	11	263
1997	12	262
1998	1	261
1998	2	260
1998	3	258
1998	4	259
1998	5	259
1998	6	261
1998	7	259

Industrial Customers

Year	Month	Model Ouput
1998	8	258
1998	9	257
1998	10	256
1998	11	253
1998	12	251
1999	1	249
1999	2	249
1999	3	245
1999	4	244
1999	5	242
1999	6	241
1999	7	240
1999	8	242
1999	9	242
1999	10	242
1999	11	239
1999	12	239
2000	1	268
2000	2	264
2000	3	264
2000	4	261
2000	5	259
2000	6	255
2000	7	256
2000	8	253
2000	9	251
2000	10	251
2000	11	271
2000	12	269
2001	1	267
2001	2	266
2001	3	266
2001	4	271
2001	5	271
2001	6	271
2001	7	267
2001	8	266
2001	9	266
2001	10	266
2001	11	261
2001	12	260
2002	1	260
2002	2	254
2002	3	253
2002	4	258
2002	5	259

Industrial Customers

Year	Month	Model Ouput
2002	6	260
2002	7	267
2002	8	267
2002	9	266
2002	10	264
2002	11	264
2002	12	271
2003	1	275
2003	2	276
2003	3	275
2003	4	278
2003	5	277
2003	6	277
2003	7	277
2003	8	277
2003	9	276
2003	10	277
2003	11	274
2003	12	273
2004	1	273
2004	2	270
2004	3	269
2004	4	271
2004	5	269
2004	6	268
2004	7	268
2004	8	270
2004	9	273
2004	10	273
2004	11	273
2004	12	277
2005	1	277
2005	2	277
2005	3	281
2005	4	282
2005	5	292
2005	6	291
2005	7	289
2005	8	290
2005	9	291
2005	10	291
2005	11	289
2005	12	290
2006	1	288
2006	2	288
2006	3	288

Industrial Customers

Year	Month	Model Ouput
2006	4	287
2006	5	286
2006	6	286
2006	7	286
2006	8	285
2006	9	285
2006	10	285
2006	11	284
2006	12	287
2007	1	296
2007	2	301
2007	3	300
2007	4	296
2007	5	296
2007	6	295
2007	7	296
2007	8	294
2007	9	292
2007	10	291
2007	11	290
2007	12	290
2008	1	290
2008	2	288
2008	3	287
2008	4	285
2008	5	283
2008	6	283
2008	7	282
2008	8	282
2008	9	281
2008	10	279
2008	11	279
2008	12	279
2009	1	278
2009	2	275
2009	3	273
2009	4	273
2009	5	273
2009	6	272
2009	7	274
2009	8	274
2009	9	273
2009	10	272
2009	11	272
2009	12	273
2010	1	274

Industrial Customers

Year	Month	Model Ouput
2010	2	273
2010	3	270
2010	4	270
2010	5	269
2010	6	267
2010	7	267
2010	8	267
2010	9	267
2010	10	268
2010	11	268
2010	12	266
2011	1	266
2011	2	267
2011	3	266
2011	4	265
2011	5	265
2011	6	267
2011	7	267
2011	8	269
2011	9	269
2011	10	267
2011	11	266
2011	12	266
2012	1	266
2012	2	265
2012	3	264
2012	4	263
2012	5	262
2012	6	259
2012	7	259
2012	8	258
2012	9	257
2012	10	257
2012	11	257
2012	12	257
2013	1	251
2013	2	249
2013	3	249
2013	4	249
2013	5	251
2013	6	249
2013	7	250
2013	8	251
2013	9	252
2013	10	255
2013	11	254

Industrial Customers

Year	Month	Model Ouput
2013	12	253
2014	1	252
2014	2	251
2014	3	252
2014	4	250
2014	5	251
2014	6	249
2014	7	249
2014	8	255
2014	9	252
2014	10	248
2014	11	251
2014	12	253
2015	1	251
2015	2	251
2015	3	239
2015	4	238
2015	5	239
2015	6	243
2015	7	242
2015	8	241
2015	9	241
2015	10	240
2015	11	241
2015	12	242
2016	1	241
2016	2	239
2016	3	238
2016	4	238
2016	5	240
2016	6	239
2016	7	240
2016	8	242
2016	9	247
2016	10	246
2016	11	246
2016	12	249
2017	1	249
2017	2	250
2017	3	250
2017	4	250
2017	5	250
2017	6	251
2017	7	251
2017	8	251
2017	9	251

Industrial Customers

Year	Month	Model Ouput
2017	10	250
2017	11	250
2017	12	250
2018	1	250
2018	2	248
2018	3	250
2018	4	251
2018	5	251
2018	6	251
2018	7	250
2018	8	249
2018	9	247
2018	10	247
2018	11	248
2018	12	246
2019	1	245
2019	2	244
2019	3	244
2019	4	244
2019	5	245
2019	6	247
2019	7	246
2019	8	246
2019	9	245
2019	10	243
2019	11	243
2019	12	243
2020	1	237
2020	2	243
2020	3	241
2020	4	241
2020	5	240
2020	6	241
2020	7	241
2020	8	241
2020	9	241
2020	10	241
2020	11	241
2020	12	241
2021	1	241
2021	2	241
2021	3	241
2021	4	241
2021	5	241
2021	6	241
2021	7	241

Industrial Customers

Year	Month	Model Ouput
2021	8	241
2021	9	241
2021	10	241
2021	11	241
2021	12	241
2022	1	241
2022	2	241
2022	3	241
2022	4	241
2022	5	241
2022	6	241
2022	7	241
2022	8	241
2022	9	241
2022	10	241
2022	11	241
2022	12	241
2023	1	241
2023	2	241
2023	3	241
2023	4	241
2023	5	241
2023	6	241
2023	7	241
2023	8	241
2023	9	241
2023	10	241
2023	11	241
2023	12	241

Year	Month	Industrial Sales (MWh)	Industrial Customers	Industrial Use Per Customer per Bill	Bill Days
				Day (kWh)	
2000	8	172,401	253	22,535	30.238
2000	9	180,106	251	22,935	31.286
2000	10	165,930	251	22,283	29.667
2000	11	166,768	271	20,545	29.952
2000	12	156,876	269	18,528	31.476
2001	1	162,564	267	18,693	32.571
2001	2	161,668	266	20,855	29.143
2001	3	149,022	266	19,068	29.381
2001	4	164,027	271	19,954	30.333
2001	5	181,674	271	22,310	30.048
2001	6	186,766	271	22,508	30.619
2001	7	180,580	267	21,986	30.762
2001	8	186,208	266	23,261	30.095
2001	9	176,641	266	21,098	31.476
2001	10	167,351	266	21,309	29.524
2001	11	155,058	261	19,771	30.048
2001	12	158,665	260	19,566	31.190
2002	1	144,908	260	17,365	32.095
2002	2	147,493	254	19,479	29.810
2002	3	141,599	253	18,988	29.476
2002	4	158,513	258	20,911	29.381
2002	5	185,679	259	23,487	30.524
2002	6	191,940	260	23,741	31.095
2002	7	191,384	267	23,374	30.667
2002	8	191,484	267	23,792	30.143
2002	9	187,818	266	22,365	31.571
2002	10	178,162	264	22,969	29.381
2002	11	179,131	264	22,946	29.571
2002	12	151,158	271	17,641	31.619
2003	1	153,382	275	17,352	32.143
2003	2	151,637	276	18,372	29.905
2003	3	150,038	275	18,570	29.381
2003	4	180,394	278	21,630	30.000
2003	5	190,157	277	22,525	30.476
2003	6	207,857	277	24,584	30.524
2003	7	201,424	277	23,712	30.667
2003	8	203,892	277	24,266	30.333
2003	9	198,859	276	22,960	31.381
2003	10	184,610	277	22,683	29.381
2003	11	165,656	274	21,125	28.619
2003	12	152,446	273	17,985	31.048
2004	1	155,119	273	17,599	32.286
2004	2	163,359	270	20,232	29.905
2004	3	156,791	269	19,838	29.381
2004	4	181,270	271	22,052	30.333

Year	Month	Industrial Sales (MWh)	Industrial Customers	Industrial Use Per	Bill Days
				Customer per Bill Day (kWh)	
2004	5	176,510	269	22,012	29.810
2004	6	194,421	268	23,510	30.857
2004	7	194,200	268	23,740	30.524
2004	8	197,767	270	23,811	30.762
2004	9	196,813	273	23,399	30.810
2004	10	144,017	273	17,782	29.667
2004	11	181,764	273	22,371	29.762
2004	12	165,261	277	19,099	31.238
2005	1	158,347	277	17,628	32.429
2005	2	163,547	277	19,806	29.810
2005	3	156,526	281	18,776	29.667
2005	4	168,968	282	19,661	30.476
2005	5	176,338	292	20,454	29.524
2005	6	188,826	291	21,127	30.714
2005	7	195,176	289	22,091	30.571
2005	8	187,505	290	20,954	30.857
2005	9	196,879	291	22,028	30.714
2005	10	198,790	291	23,064	29.619
2005	11	196,028	289	22,646	29.952
2005	12	166,601	290	18,391	31.238
2006	1	167,399	288	18,030	32.238
2006	2	164,263	288	19,133	29.810
2006	3	146,088	288	17,265	29.381
2006	4	169,026	287	19,508	30.190
2006	5	183,997	286	21,343	30.143
2006	6	198,053	286	22,581	30.667
2006	7	196,378	286	22,390	30.667
2006	8	211,724	285	24,112	30.810
2006	9	205,616	285	23,490	30.714
2006	10	176,424	285	20,866	29.667
2006	11	178,156	284	20,944	29.952
2006	12	154,238	287	17,256	31.143
2007	1	160,929	296	16,940	32.095
2007	2	146,736	301	16,353	29.810
2007	3	148,172	300	16,464	30.000
2007	4	150,929	296	16,627	30.667
2007	5	150,753	296	17,140	29.714
2007	6	171,559	295	18,993	30.619
2007	7	188,561	296	20,708	30.762
2007	8	204,283	294	22,588	30.762
2007	9	192,472	292	21,394	30.810
2007	10	175,283	291	20,402	29.524
2007	11	184,542	290	21,178	30.048
2007	12	165,847	290	18,335	31.191
2008	1	161,001	290	17,298	32.095

Year	Month	Industrial Sales (MWh)	Industrial Customers	Industrial Use Per	Bill Days
				Customer per Bill Day (kWh)	
2008	2	160,149	288	18,654	29.810
2008	3	149,181	287	17,326	30.000
2008	4	168,762	285	19,583	30.238
2008	5	190,633	283	22,780	29.571
2008	6	194,533	283	22,415	30.667
2008	7	212,934	282	24,661	30.619
2008	8	220,213	282	25,307	30.857
2008	9	219,120	281	25,232	30.905
2008	10	204,858	279	23,943	30.667
2008	11	188,371	279	23,513	28.714
2008	12	169,246	279	19,538	31.048
2009	1	132,007	278	14,708	32.286
2009	2	128,495	275	15,625	29.905
2009	3	123,058	273	15,342	29.381
2009	4	129,973	273	15,695	30.333
2009	5	144,547	273	17,566	30.143
2009	6	168,719	272	20,322	30.524
2009	7	150,589	274	17,922	30.667
2009	8	154,292	274	18,391	30.619
2009	9	152,517	273	18,133	30.810
2009	10	149,484	272	18,525	29.667
2009	11	141,848	272	18,222	28.619
2009	12	148,876	273	17,618	30.952
2010	1	128,201	274	14,471	32.333
2010	2	127,735	273	15,621	29.952
2010	3	121,247	270	15,284	29.381
2010	4	125,061	270	15,104	30.667
2010	5	136,609	269	17,229	29.476
2010	6	151,223	267	18,355	30.857
2010	7	163,003	267	20,001	30.524
2010	8	166,133	267	20,227	30.762
2010	9	161,204	267	19,596	30.810
2010	10	141,572	268	17,806	29.667
2010	11	132,073	268	16,558	29.762
2010	12	131,907	266	15,875	31.238
2011	1	122,990	266	14,257	32.430
2011	2	131,924	267	16,575	29.810
2011	3	121,825	266	15,588	29.381
2011	4	151,818	265	19,283	29.710
2011	5	155,548	265	19,201	30.570
2011	6	161,482	267	19,694	30.710
2011	7	193,665	267	23,727	30.570
2011	8	179,380	269	21,609	30.860
2011	9	168,438	269	20,390	30.710
2011	10	147,467	267	18,647	29.620

Year	Month	Industrial Sales (MWh)	Industrial Customers	Industrial Use Per	Bill Days
				Customer per Bill Day (kWh)	
2011	11	134,393	266	16,869	29.950
2011	12	132,008	266	16,061	30.900
2012	1	120,685	266	13,930	32.570
2012	2	129,196	265	16,355	29.810
2012	3	112,814	264	14,545	29.380
2012	4	134,183	263	16,717	30.520
2012	5	136,250	262	17,445	29.810
2012	6	156,474	259	19,076	31.670
2012	7	152,693	259	18,932	31.140
2012	8	169,430	258	21,581	30.430
2012	9	168,749	257	21,086	31.140
2012	10	160,653	257	21,176	29.520
2012	11	154,621	257	20,919	28.760
2012	12	135,185	257	17,023	30.900
2013	1	114,333	251	14,107	32.290
2013	2	123,826	249	16,682	29.810
2013	3	116,894	249	15,903	29.520
2013	4	120,828	249	15,801	30.710
2013	5	123,861	251	16,717	29.520
2013	6	140,948	249	18,486	30.620
2013	7	153,303	250	19,968	30.710
2013	8	167,016	251	21,831	30.480
2013	9	175,364	252	22,347	31.140
2013	10	159,099	255	20,283	30.760
2013	11	149,075	254	20,507	28.620
2013	12	134,828	253	17,059	31.240
2014	1	134,238	252	16,523	32.240
2014	2	142,669	251	19,067	29.810
2014	3	123,159	252	16,578	29.480
2014	4	137,187	250	18,322	29.950
2014	5	146,586	251	19,223	30.380
2014	6	168,405	249	22,054	30.667
2014	7	167,913	249	22,024	30.619
2014	8	183,280	255	23,547	30.524
2014	9	188,501	252	23,946	31.238
2014	10	163,519	248	21,500	30.667
2014	11	151,888	251	21,074	28.714
2014	12	136,482	253	17,375	31.048
2015	1	138,397	251	17,078	32.286
2015	2	133,405	251	17,773	29.905
2015	3	126,734	239	18,048	29.381
2015	4	135,243	238	18,530	30.667
2015	5	143,452	239	20,135	29.810
2015	6	157,633	243	21,252	30.524
2015	7	165,783	242	22,338	30.667

Year	Month	Industrial Sales (MWh)	Industrial Customers	Industrial Use Per Customer per Bill	Bill Days
				Day (kWh)	
2015	8	180,075	241	24,403	30.619
2015	9	178,193	241	23,998	30.810
2015	10	158,373	240	22,243	29.667
2015	11	149,759	241	20,879	29.762
2015	12	138,614	242	18,336	31.238
2016	1	130,774	241	16,733	32.429
2016	2	132,680	239	18,623	29.810
2016	3	130,299	238	18,454	29.667
2016	4	156,905	238	21,632	30.476
2016	5	141,251	240	19,934	29.524
2016	6	163,769	239	22,310	30.714
2016	7	172,486	240	23,509	30.571
2016	8	178,300	242	23,877	30.857
2016	9	178,864	247	23,577	30.714
2016	10	162,638	246	22,321	29.619
2016	11	160,624	246	21,800	29.952
2016	12	123,842	249	15,922	31.238
2017	1	126,909	249	15,810	32.238
2017	2	132,660	250	17,801	29.810
2017	3	114,771	250	15,625	29.381
2017	4	135,101	250	17,900	30.190
2017	5	142,019	250	18,846	30.143
2017	6	162,422	251	21,101	30.667
2017	7	159,654	251	20,741	30.667
2017	8	162,771	251	21,279	30.476
2017	9	171,728	251	22,036	31.048
2017	10	152,016	250	20,496	29.667
2017	11	144,028	250	20,064	28.714
2017	12	127,120	250	16,327	31.143
2018	1	132,815	250	16,553	32.095
2018	2	139,689	248	18,895	29.810
2018	3	121,732	250	16,573	29.381
2018	4	136,413	251	17,613	30.857
2018	5	133,724	251	17,319	30.762
2018	6	145,630	251	18,861	30.762
2018	7	163,540	250	21,265	30.762
2018	8	172,838	249	22,811	30.429
2018	9	168,988	247	21,968	31.143
2018	10	167,222	247	22,931	29.524
2018	11	139,306	248	19,530	28.762
2018	12	134,638	246	17,709	30.905
2019	1	133,103	245	16,827	32.286
2019	2	133,731	244	18,386	29.810
2019	3	125,880	244	17,559	29.381
2019	4	135,867	244	18,561	30.000

Year	Month	Industrial Sales (MWh)	Industrial Customers	Industrial Use Per	Bill Days
				Customer per Bill Day (kWh)	
2019	5	140,867	245	18,925	30.381
2019	6	152,714	247	20,193	30.619
2019	7	164,809	246	21,813	30.714
2019	8	165,981	246	22,139	30.476
2019	9	174,120	245	22,820	31.143
2019	10	162,687	243	21,764	30.762
2019	11	149,696	243	21,525	29.524
2019	12	125,181	243	16,146	30.810
2020	1	124,795	237	16,679	32.048
2020	2	126,255	243	17,429	29.381
2020	3	122,247	241	16,541	29.429
2020	4	140,132	241	19,663	30.762
2020	5	123,286	240	16,725	30.667
2020	6	117,415	241	15,764	30.857
2020	7	155,759	241	21,163	30.762
2020	8	157,744	240	21,235	30.952
2020	9	153,992	240	21,054	30.476
2020	10	142,656	240	20,036	29.667
2020	11	144,559	240	19,857	30.333
2020	12	120,586	240	16,748	30.000
2021	1	118,010	240	15,527	31.667
2021	2	125,197	240	17,528	29.762
2021	3	116,872	240	16,388	29.714
2021	4	131,584	240	17,962	30.524
2021	5	139,877	240	19,153	30.429
2021	6	154,129	240	21,007	30.571
2021	7	161,904	240	21,761	31.000
2021	8	168,593	240	22,591	31.095
2021	9	163,248	240	22,180	30.667
2021	10	148,823	240	20,936	29.619
2021	11	147,194	240	20,607	29.762
2021	12	126,592	240	17,280	30.524
2022	1	123,082	240	15,943	32.167
2022	2	125,772	240	17,923	29.238
2022	3	118,689	240	16,701	29.611
2022	4	133,284	240	18,251	30.429
2022	5	141,519	240	19,414	30.373
2022	6	157,078	240	21,249	30.802
2022	7	163,271	240	21,973	30.961
2022	8	168,202	240	22,777	30.770
2022	9	164,297	240	22,335	30.651
2022	10	151,264	240	21,059	29.929
2022	11	147,770	240	20,710	29.730
2022	12	127,688	240	17,353	30.659
2023	1	123,522	240	16,000	32.167

Year	Month	Industrial Sales (MWh)	Industrial Customers	Industrial Use Per	Bill Days
				Customer per Bill Day (kWh)	
2023	2	126,153	240	17,978	29.238
2023	3	118,993	240	16,744	29.611
2023	4	133,574	240	18,291	30.429
2023	5	141,779	240	19,450	30.373
2023	6	157,323	240	21,282	30.802
2023	7	163,486	240	22,002	30.961
2023	8	168,390	240	22,802	30.770
2023	9	164,453	240	22,356	30.651
2023	10	151,386	240	21,076	29.929
2023	11	147,870	240	20,724	29.730
2023	12	127,762	240	17,363	30.659

Large Commercial Customers

Year	Month	Model Ouput
2018	1	16,288
2018	2	16,290
2018	3	16,280
2018	4	16,266
2018	5	16,268
2018	6	16,255
2018	7	16,261
2018	8	16,255
2018	9	16,252
2018	10	16,227
2018	11	16,122
2018	12	16,078
2019	1	15,994
2019	2	15,854
2019	3	15,803
2019	4	15,777
2019	5	15,754
2019	6	15,795
2019	7	15,828
2019	8	15,903
2019	9	15,922
2019	10	15,918
2019	11	15,900
2019	12	15,876
2020	1	15,901
2020	2	15,907
2020	3	15,950
2020	4	15,965
2020	5	15,961
2020	6	15,955
2020	7	15,951
2020	8	15,955
2020	9	15,959
2020	10	15,963
2020	11	15,967
2020	12	15,971
2021	1	15,975
2021	2	15,978
2021	3	15,982
2021	4	15,986
2021	5	15,990
2021	6	15,994
2021	7	15,998
2021	8	16,002

Large Commercial Customers

Year	Month	Model Ouput
2021	9	16,006
2021	10	16,010
2021	11	16,014
2021	12	16,018
2022	1	16,022
2022	2	16,026
2022	3	16,030
2022	4	16,034
2022	5	16,038
2022	6	16,041
2022	7	16,045
2022	8	16,049
2022	9	16,053
2022	10	16,057
2022	11	16,061
2022	12	16,065
2023	1	16,069
2023	2	16,073
2023	3	16,077
2023	4	16,081
2023	5	16,085
2023	6	16,089
2023	7	16,093
2023	8	16,097
2023	9	16,101
2023	10	16,104
2023	11	16,108
2023	12	16,112

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Year	Month	Large Commercial Sales (MWH)	Large Commercial Customers	Large Commercial Use per Customer (kWh)	Bill Day Cooling Degree Hours Base 60-73	Bill Day Cooling Degree Hours Base 73	Bill Day Heating Degree Hours Base 50	Real Electric Price Increase 12 Month Average Cents/kWh	Commercial Codes and Standards (kWh/Cust)	Indicator Variable for February	Indicator Variable for March	Indicator Variable for April	Indicator Variable for November	Indicator Variable for Hurricane Ivan	Indicator Variable for February 2020	Indicator Variable for March 2020	Indicator Variable for April 2020	Indicator Variable for May 2020	Indicator Variable for June 2020	Indicator Variable for July 2020	Bill Days
2010	6	339,503	17,081	644.134	18.98	442.32	0.00	14.050	157,091	0	0	0	0	0	0	0	0	0	0	0	30,857
2010	7	355,431	17,092	681.273	0.00	536.97	0.00	14.084	172,637	0	0	0	0	0	0	0	0	0	0	0	30,524
2010	8	371,925	17,143	705.268	0.00	581.03	0.00	14.113	174,282	0	0	0	0	0	0	0	0	0	0	0	30,762
2010	9	359,439	17,197	678.391	1.07	508.31	0.00	14.141	169,117	0	0	0	0	0	0	0	0	0	0	0	30,810
2010	10	303,108	17,209	593.701	63.41	291.35	0.00	14.178	154,008	0	0	0	0	0	0	0	0	0	0	0	29,667
2010	11	266,341	17,207	520.081	86.40	103.11	4.29	14.200	126,181	0	0	0	1	0	0	0	0	0	0	0	29,762
2010	12	260,456	17,197	484.840	58.98	8.17	75.56	14.228	92.104	0	0	0	0	0	0	0	0	0	0	0	31,238
2011	1	282,863	17,196	507.226	9.86	0.00	119.84	14.228	90.854	0	0	0	0	0	0	0	0	0	0	0	32,430
2011	2	269,946	17,183	527.006	12.86	0.56	97.09	14.228	98.269	1	0	0	0	0	0	0	0	0	0	0	29,810
2011	3	242,359	17,212	479.249	78.32	11.29	22.19	14.228	124.617	0	1	0	0	0	0	0	0	0	0	0	29,381
2011	4	267,510	17,234	522.458	112.03	88.18	1.24	14.228	147.356	0	1	0	0	0	0	0	0	0	0	0	29,710
2011	5	297,048	17,249	563.336	82.74	210.55	0.00	14.228	168.995	0	0	0	0	0	0	0	0	0	0	0	30,570
2011	6	346,177	17,252	653.400	23.80	444.96	0.00	14.228	182.685	0	0	0	0	0	0	0	0	0	0	0	30,710
2011	7	355,699	17,247	674.642	0.00	558.14	0.00	14.228	192.367	0	0	0	0	0	0	0	0	0	0	0	30,570
2011	8	363,739	17,283	681.984	0.00	556.00	0.00	14.228	202.360	0	0	0	0	0	0	0	0	0	0	0	30,860
2011	9	345,653	17,264	651.958	24.34	469.06	0.00	14.228	192.405	0	0	0	0	0	0	0	0	0	0	0	30,710
2011	10	293,001	17,270	572.784	83.05	217.48	0.17	14.228	182.331	0	0	0	0	0	0	0	0	0	0	0	29,620
2011	11	251,480	17,280	485.918	88.68	33.87	3.87	14.228	143.635	0	0	0	1	0	0	0	0	0	0	0	29,950
2011	12	256,854	17,277	481.127	72.47	4.85	26.15	14.228	129.027	0	0	0	0	0	0	0	0	0	0	0	30,900
2012	1	253,493	17,271	450.641	54.39	0.00	29.20	14.228	126.689	0	0	0	0	0	0	0	0	0	0	0	32,570
2012	2	248,783	17,272	483.187	67.08	0.00	22.27	14.267	136.592	1	0	0	0	0	0	0	0	0	0	0	29,810
2012	3	248,106	17,290	488.416	96.42	21.00	7.81	14.267	161.678	0	1	0	0	0	0	0	0	0	0	0	29,380
2012	4	279,969	17,288	530.616	135.87	104.75	0.01	14.267	164.742	0	0	1	0	0	0	0	0	0	0	0	30,520
2012	5	285,568	17,276	554.503	80.59	232.07	0.00	14.271	184.909	0	0	0	0	0	0	0	0	0	0	0	29,810
2012	6	339,271	17,336	617.944	19.79	444.71	0.00	14.271	202.237	0	0	0	0	0	0	0	0	0	0	0	31,670
2012	7	348,453	17,335	645.507	1.17	508.88	0.00	14.271	201.308	0	0	0	0	0	0	0	0	0	0	0	31,140
2012	8	345,463	17,343	654.599	1.10	519.70	0.00	14.271	233.621	0	0	0	0	0	0	0	0	0	0	0	30,430
2012	9	336,731	17,332	623.902	11.57	470.26	0.00	14.271	223.248	0	0	0	0	0	0	0	0	0	0	0	31,140
2012	10	292,523	17,303	572.693	68.66	276.44	0.05	14.271	224.950	0	0	0	0	0	0	0	0	0	0	0	29,520
2012	11	247,641	17,311	497.406	74.61	72.30	3.15	14.271	169.791	0	0	0	1	0	0	0	0	0	0	0	28,760
2012	12	247,564	17,289	463.403	64.27	3.75	13.70	14.271	141.322	0	0	0	0	0	0	0	0	0	0	0	30,900
2013	1	261,190	17,333	466.675	64.36	1.76	44.04	14.271	164.625	0	0	0	0	0	0	0	0	0	0	0	32,290
2013	2	247,557	17,334	479.088	63.63	0.75	19.07	14.271	158.765	1	0	0	0	0	0	0	0	0	0	0	29,810
2013	3	244,346	17,336	477.462	39.37	1.33	30.26	14.271	164.513	0	1	0	0	0	0	0	0	0	0	0	29,520
2013	4	258,905	17,315	486.898	89.72	27.80	8.94	14.271	177.432	0	0	1	0	0	0	0	0	0	0	0	30,710
2013	5	266,520	17,323	521.184	122.95	107.97	0.05	14.271	221.195	0	0	0	0	0	0	0	0	0	0	0	29,520
2013	6	322,629	17,337	607.748	26.14	412.09	0.00	14.271	236.416	0	0	0	0	0	0	0	0	0	0	0	30,620
2013	7	341,166	17,341	640.637	0.30	497.28	0.00	14.275	262.519	0	0	0	0	0	0	0	0	0	0	0	30,710
2013	8	342,676	17,356	647.768	0.18	510.33	0.00	14.277	272.204	0	0	0	0	0	0	0	0	0	0	0	30,480
2013	9	341,540	17,348	632.228	1.88	488.30	0.00	14.277	259.327	0	0	0	0	0	0	0	0	0	0	0	31,140
2013	10	315,801	17,296	593.582	54.99	328.19	0.00	14.277	252.934	0	0	0	0	0	0	0	0	0	0	0	30,760
2013	11	251,926	17,287	509.194	96.43	68.41	3.47	14.277	238.713	0	0	0	0	0	0	0	0	0	0	0	28,620
2013	12	251,172	17,216	467.013	60.69	19.32	36.09	14.277	190.753	0	0	0	0	0	0	0	0	0	0	0	31,240
2014	1	268,855	17,159	485.994	23.53	5.45	92.19	14.347	198.480	0	0	0	0	0	0	0	0	0	0	0	32,240
2014	2	261,594	17,123	512.490	17.83	0.00	107.82	14.408	186.080	1	0	0	0	0	0	0	0	0	0	0	29,810
2014	3	239,653	17,095	475.539	45.97	0.00	30.14	14.482	215.470	0	1	0	0	0	0	0	0	0	0	0	29,480
2014	4	247,990	17,120	483.652	90.91	19.62	3.03	14.557	224.265	0	1	0	0	0	0	0	0	0	0	0	29,950
2014	5	273,949	17,126	526.534	92.78	173.66	0.37	14.621	269.068	0	0	0	0	0	0	0	0	0	0	0	30,380
2014	6	318,226	17,128	605.840	28.80	396.97	0.00	14.689	281.887	0	0	0	0	0	0	0	0	0	0	0	30,667
2014	7	345,344	17,152	657.577	3.28	497.89	0.00	14.755	305.254	0	0	0	0	0	0	0	0	0	0	0	30,619
2014	8	345,125	17,166	658.666	7.12	470.88	0.00	14.823	324.002	0	0	0	0	0	0	0	0	0	0	0	30,524
2014	9	356,103	17,176	663.697	8.91	470.44	0.00	14.890	311.234	0	0	0	0	0	0	0	0	0	0	0	31,238
2014	10	304,278	17,163	578.105	75.07	243.92	0.00	14.970	291.639	0	0	0	0	0	0	0	0	0	0	0	30,667
2014	11	248,174	17,149	503.991	80.25	48.61	20.89	15.047	247.627	0	0	0	1	0	0	0	0	0	0	0	28,714
2014	12	246,664	17,129	463.811	40.80	0.00	39.48	15.132	203.604	0	0	0	0	0	0	0	0	0	0	0	31,048
2015	1	255,502	17,099	462.817	24.50	0.00	55.43	15.189	218.976	0	0	0	0	0	0	0	0	0	0	0	32,286
2015	2	245,407	17,099	479.924	12.21	0.00	68.75	15.246	189.249	1	0	0	0	0	0	0	0	0	0	0	29,905
2015	3	247,874	17,106	493.193	67.22	13.67	61.66	15.292	250.779	0	1	0	0	0	0	0	0	0	0	0	29,381
2015	4	269,472	17,123	513.172	138.95	84.02	2.60	15.330	269.802	0	0	1	0	0	0	0	0	0	0	0	30,667
2015	5	283,205	17,187	552.764	96.81	210.37	0.00	15.371	308.715	0	0	0	0	0	0	0	0	0	0	0	29,810
2015	6	325,601	17,257	618.129	21.57	416.57	0.00	15.417	323.216	0	0	0	0	0	0	0	0	0	0	0	30,524
2015	7	351,518	17,303	662.453	3.39	523.95	0.00	15.465	345.586	0	0	0	0	0	0	0	0	0	0	0	30,667
2015	8	363,989	17,316	686.514	1.43	554.84	0.00	15.511	347.133	0	0	0	0	0	0	0	0	0	0	0	30,619
2015	9	342,161	17,311	641.530	18.39	459.05	0.00	15.565	339.675	0	0	0	0	0	0	0	0	0	0	0	30,810
2015	10	290,604	16,850	581.338	87.58	229.98	0.00	15.619	328.471	0	0	0									

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Year	Month	Large Commercial Sales (MWh)	Large Commercial Customers	Large Commercial Use Per Customer per Bill Day (KWh)	Bill Day Cooling Degree Hours Base 60-73	Bill Day Cooling Degree Hours Base 73	Bill Day Heating Degree Hours Base 50	Real Electric Price Increase 12 Month Average Cents/kWh	Commercial Codes and Standards (kWh/Cust)	Indicator Variable for February	Indicator Variable for March	Indicator Variable for April	Indicator Variable for November	Indicator Variable for Hurricane Ivan	Indicator Variable for February 2020	Indicator Variable for March 2020	Indicator Variable for April 2020	Indicator Variable for May 2020	Indicator Variable for June 2020	Indicator Variable for July 2020	Bill Days
2017	4	258,237	16,266	525.866	93.35	99.10	2.55	15.709	315.089	0	0	1	0	0	0	0	0	0	0	0	30.190
2017	5	276,729	16,275	564.088	71.06	227.39	0.00	15.709	366.312	0	0	0	0	0	0	0	0	0	0	0	30.143
2017	6	309,965	16,271	621.193	12.61	384.08	0.00	15.709	392.957	0	0	0	0	0	0	0	0	0	0	0	30.667
2017	7	333,863	16,276	668.881	0.00	478.25	0.00	15.709	436.280	0	0	0	0	0	0	0	0	0	0	0	30.667
2017	8	346,372	16,305	697.050	0.00	502.14	0.00	15.709	449.280	0	0	0	0	0	0	0	0	0	0	0	30.476
2017	9	335,028	16,309	661.637	13.47	434.17	0.00	15.709	425.038	0	0	0	0	0	0	0	0	0	0	0	31.048
2017	10	304,677	16,327	629.012	22.69	397.64	0.06	15.709	435.444	0	0	0	0	0	0	0	0	0	0	0	29.667
2017	11	254,197	16,317	542.545	63.52	120.44	1.66	15.711	364.174	0	0	0	1	0	0	0	0	0	0	0	28.714
2017	12	248,445	16,310	489.120	62.34	18.51	23.54	15.711	305.380	0	0	0	0	0	0	0	0	0	0	0	31.143
2018	1	270,579	16,288	517.594	34.45	6.06	117.44	15.763	280.568	0	0	0	0	0	0	0	0	0	0	0	32.095
2018	2	249,584	16,290	513.966	53.88	9.26	53.81	15.828	305.699	1	0	0	0	0	0	0	0	0	0	0	29.810
2018	3	240,536	16,280	502.875	116.10	37.82	3.56	15.896	347.186	0	1	0	0	0	0	0	0	0	0	0	29.381
2018	4	250,236	16,266	498.558	109.59	36.47	1.80	15.896	330.866	0	0	1	0	0	0	0	0	0	0	0	30.857
2018	5	276,685	16,268	552.889	90.89	209.41	0.20	15.896	380.459	0	0	0	0	0	0	0	0	0	0	0	30.762
2018	6	323,383	16,255	646.718	7.83	464.69	0.00	15.896	417.052	0	0	0	0	0	0	0	0	0	0	0	30.762
2018	7	345,526	16,261	690.746	0.08	529.94	0.00	15.896	465.094	0	0	0	0	0	0	0	0	0	0	0	30.762
2018	8	342,104	16,255	691.645	0.00	529.18	0.00	15.896	485.310	0	0	0	0	0	0	0	0	0	0	0	30.429
2018	9	340,746	16,252	673.231	0.00	505.37	0.00	15.896	464.249	0	0	0	0	0	0	0	0	0	0	0	31.143
2018	10	303,452	16,227	633.398	18.38	437.58	0.00	15.896	502.053	0	0	0	0	0	0	0	0	0	0	0	29.524
2018	11	239,049	16,122	515.524	79.07	134.65	8.90	15.896	435.464	0	0	0	1	0	0	0	0	0	0	0	28.762
2018	12	237,633	16,078	478.240	45.05	10.08	38.33	15.896	333.572	0	0	0	0	0	0	0	0	0	0	0	30.905
2019	1	240,417	15,994	465.579	52.51	0.00	28.72	15.896	320.392	0	0	0	0	0	0	0	0	0	0	0	32.286
2019	2	236,573	15,854	500.569	47.26	0.51	46.93	15.896	310.855	1	0	0	0	0	0	0	0	0	0	0	29.810
2019	3	229,338	15,803	493.936	108.43	9.99	15.38	15.896	397.279	0	1	0	0	0	0	0	0	0	0	0	29.381
2019	4	234,858	15,777	496.204	102.13	28.20	1.89	15.899	375.341	0	0	0	0	0	0	0	0	0	0	0	30.000
2019	5	266,075	15,754	555.918	95.06	198.48	0.00	15.913	445.440	0	0	0	0	0	0	0	0	0	0	0	30.381
2019	6	321,213	15,795	664.175	10.42	493.90	0.00	15.939	488.680	0	0	0	0	0	0	0	0	0	0	0	30.619
2019	7	338,012	15,828	695.296	0.00	565.14	0.00	15.959	521.550	0	0	0	0	0	0	0	0	0	0	0	30.714
2019	8	335,719	15,903	692.691	0.00	541.56	0.00	15.979	520.766	0	0	0	0	0	0	0	0	0	0	0	30.476
2019	9	344,717	15,922	695.191	0.00	561.03	0.00	15.997	518.570	0	0	0	0	0	0	0	0	0	0	0	31.143
2019	10	324,726	15,918	663.154	15.89	480.18	0.00	16.019	508.752	0	0	0	0	0	0	0	0	0	0	0	30.762
2019	11	241,655	15,900	531.062	73.03	109.63	12.08	16.022	490.667	0	0	0	1	0	0	0	0	0	0	0	29.524
2019	12	237,790	15,876	469.454	58.11	7.34	19.21	16.031	346.883	0	0	0	0	0	0	0	0	0	0	0	30.810
2020	1	235,986	15,901	470.081	70.28	2.42	21.79	16.078	380.129	0	0	0	0	0	0	0	0	0	0	0	32.048
2020	2	214,421	15,907	452.186	65.01	0.13	26.79	16.124	364.227	1	0	0	0	0	1	0	0	0	0	0	29.381
2020	3	220,252	15,950	450.286	88.28	29.25	12.47	16.170	398.270	0	1	0	0	0	1	0	0	0	0	0	29.429
2020	4	225,952	15,965	478.609	99.54	170.98	0.23	16.224	471.725	0	0	1	0	0	0	0	1	0	0	0	30.762
2020	5	206,768	15,961	421.782	100.33	180.05	0.00	16.279	466.707	0	0	0	0	0	0	0	1	0	0	0	30.667
2020	6	262,613	15,955	532.588	20.91	430.01	0.00	16.336	484.129	0	0	0	0	0	0	0	0	0	1	0	30.857
2020	7	354,875	15,949	725.556	0.22	524.31	0.00	16.389	550.510	0	0	0	0	0	0	0	0	0	0	1	30.762
2020	8	332,494	15,955	673.291	1.65	521.57	0.00	16.442	547.973	0	0	0	0	0	0	0	0	0	0	0	30.952
2020	9	319,295	15,959	656.501	8.66	481.94	0.00	16.495	527.536	0	0	0	0	0	0	0	0	0	0	0	30.476
2020	10	282,834	15,963	597.244	54.50	313.47	0.11	16.549	527.410	0	0	0	0	0	0	0	0	0	0	0	29.667
2020	11	248,774	15,967	513.660	83.50	90.50	5.48	16.604	457.438	0	0	0	1	0	0	0	0	0	0	0	30.333
2020	12	225,491	15,971	470.639	55.16	11.68	33.75	16.659	376.530	0	0	0	0	0	0	0	0	0	0	0	30.000
2021	1	241,623	15,975	477.643	39.22	2.37	74.70	16.659	368.515	0	0	0	0	0	0	0	0	0	0	0	31.667
2021	2	232,581	15,978	489.076	34.06	0.86	60.71	16.659	347.299	1	0	0	0	0	0	0	0	0	0	0	29.762
2021	3	228,725	15,982	481.628	68.42	8.50	24.74	16.659	408.260	0	1	0	0	0	0	0	0	0	0	0	29.714
2021	4	243,101	15,986	498.192	108.20	43.52	2.84	16.659	427.917	0	0	1	0	0	0	0	0	0	0	0	30.524
2021	5	268,228	15,990	551.266	98.65	184.26	0.21	16.659	491.670	0	0	0	0	0	0	0	0	0	0	0	30.429
2021	6	309,737	15,994	633.463	24.85	418.94	0.00	16.659	540.377	0	0	0	0	0	0	0	0	0	0	0	30.571
2021	7	332,825	15,998	671.096	1.88	516.59	0.00	16.659	578.323	0	0	0	0	0	0	0	0	0	0	0	31.000
2021	8	335,524	16,002	674.305	1.65	521.57	0.00	16.659	595.415	0	0	0	0	0	0	0	0	0	0	0	31.095
2021	9	323,606	16,006	659.269	8.66	481.94	0.00	16.659	593.309	0	0	0	0	0	0	0	0	0	0	0	30.667
2021	10	284,626	16,010	600.225	54.50	313.47	0.11	16.659	588.161	0	0	0	0	0	0	0	0	0	0	0	29.619
2021	11	245,805	16,014	515.742	83.50	90.50	5.48	16.659	496.579	0	0	0	1	0	0	0	0	0	0	0	29.762
2021	12	231,546	16,018	473.579	55.16	11.68	33.75	16.659	419.866	0	0	0	0	0	0	0	0	0	0	0	30.524
2022	1	246,338	16,022	477.989	39.22	2.37	74.70	16.714	382.053	0	0	0	0	0	0	0	0	0	0	0	32.167
2022	2	229,437	16,026	489.661	34.06	0.86	60.71	16.764	372.312	1	0	0	0	0	0	0	0	0	0	0	29.238
2022	3	228,480	16,030	481.356	68.42	8.50	24.74	16.828	430.687	0	1	0	0	0	0	0	0	0	0	0	29.611
2022	4	242,575	16,034	497.203	108.20	43.52	2.84	16.895	450.091	0	0	1	0	0	0	0	0	0	0	0	30.429
2022	5	267,686	16,028	549.541	98.65	184.26	0.21	16.974	515.317	0	0	0	0	0	0	0	0	0	0	0	30.373
2022	6	311,637	16,041	630.711	24.85	418.94	0.00	17.044	559.773	0	0	0	0	0	0	0	0	0	0	0	30.802
2022	7	331,868	16,045	668.047	1.88	516.59	0.00	17.111	603.869	0	0	0	0	0	0	0	0	0	0	0	30.961
2022	8	331,363	16,049	671.002	1.65	521.57	0.00	17.175	627.217	0											

Year	Month	Residential Customers Model Output	Number of Households (1,000's)	One Period Lag of Residential Customers	Indicator Variable for Hurricane Michael
2006	1	353,724	343	352,615	0
2006	2	355,212	344	353,724	0
2006	3	356,538	344	355,212	0
2006	4	357,412	344	356,538	0
2006	5	358,013	344	357,412	0
2006	6	359,028	344	358,013	0
2006	7	359,803	344	359,028	0
2006	8	360,790	344	359,803	0
2006	9	361,668	344	360,790	0
2006	10	362,075	343	361,668	0
2006	11	362,419	343	362,075	0
2006	12	362,878	343	362,419	0
2007	1	364,325	343	362,878	0
2007	2	365,798	343	364,325	0
2007	3	367,318	343	365,798	0
2007	4	368,066	342	367,318	0
2007	5	368,944	342	368,066	0
2007	6	370,416	342	368,944	0
2007	7	370,955	342	370,416	0
2007	8	371,994	342	370,955	0
2007	9	371,452	342	371,994	0
2007	10	371,643	342	371,452	0
2007	11	371,553	342	371,643	0
2007	12	371,324	342	371,553	0
2008	1	372,338	342	371,324	0
2008	2	372,875	342	372,338	0
2008	3	372,839	342	372,875	0
2008	4	372,924	342	372,839	0
2008	5	373,368	342	372,924	0
2008	6	373,715	342	373,368	0
2008	7	374,139	342	373,715	0
2008	8	373,964	341	374,139	0
2008	9	373,227	341	373,964	0
2008	10	372,374	341	373,227	0
2008	11	372,174	341	372,374	0
2008	12	371,864	341	372,174	0
2009	1	372,057	341	371,864	0
2009	2	372,099	340	372,057	0
2009	3	372,000	340	372,099	0
2009	4	371,979	340	372,000	0
2009	5	372,181	340	371,979	0
2009	6	373,012	340	372,181	0
2009	7	372,976	340	373,012	0
2009	8	372,633	340	372,976	0

Year	Month	Residential Customers Model Output	Number of Households (1,000's)	One Period Lag of Residential Customers	Indicator Variable for Hurricane Michael
2009	9	372,019	340	372,633	0
2009	10	371,943	341	372,019	0
2009	11	372,253	341	371,943	0
2009	12	372,367	341	372,253	0
2010	1	373,142	341	372,367	0
2010	2	373,161	342	373,142	0
2010	3	373,276	342	373,161	0
2010	4	373,509	342	373,276	0
2010	5	374,097	343	373,509	0
2010	6	374,534	343	374,097	0
2010	7	374,905	344	374,534	0
2010	8	374,889	344	374,905	0
2010	9	374,415	345	374,889	0
2010	10	374,150	345	374,415	0
2010	11	374,313	346	374,150	0
2010	12	374,775	346	374,313	0
2011	1	374,999	347	374,775	0
2011	2	375,470	347	374,999	0
2011	3	375,760	348	375,470	0
2011	4	376,277	348	375,760	0
2011	5	376,309	348	376,277	0
2011	6	377,190	349	376,309	0
2011	7	377,411	350	377,190	0
2011	8	377,413	351	377,411	0
2011	9	376,727	352	377,413	0
2011	10	376,284	353	376,727	0
2011	11	376,004	354	376,284	0
2011	12	376,437	354	376,004	0
2012	1	376,544	355	376,437	0
2012	2	377,180	356	376,544	0
2012	3	377,647	357	377,180	0
2012	4	378,057	358	377,647	0
2012	5	378,392	359	378,057	0
2012	6	378,601	359	378,392	0
2012	7	378,756	358	378,601	0
2012	8	378,619	358	378,756	0
2012	9	378,571	357	378,619	0
2012	10	378,260	357	378,571	0
2012	11	378,143	357	378,260	0
2012	12	378,070	356	378,143	0
2013	1	378,355	356	378,070	0
2013	2	379,023	356	378,355	0
2013	3	379,683	355	379,023	0
2013	4	380,000	355	379,683	0

Year	Month	Residential Customers Model Output	Number of Households (1,000's)	One Period Lag of Residential Customers	Indicator Variable for Hurricane Michael
2013	5	380,320	355	380,000	0
2013	6	380,874	355	380,320	0
2013	7	381,459	355	380,874	0
2013	8	381,596	355	381,459	0
2013	9	382,036	355	381,596	0
2013	10	381,890	355	382,036	0
2013	11	382,093	355	381,890	0
2013	12	382,183	355	382,093	0
2014	1	382,659	355	382,183	0
2014	2	383,239	355	382,659	0
2014	3	383,847	355	383,239	0
2014	4	383,955	355	383,847	0
2014	5	384,436	356	383,955	0
2014	6	384,985	356	384,436	0
2014	7	385,423	358	384,985	0
2014	8	385,890	359	385,423	0
2014	9	386,230	360	385,890	0
2014	10	386,163	361	386,230	0
2014	11	386,408	362	386,163	0
2014	12	386,509	363	386,408	0
2015	1	386,965	364	386,509	0
2015	2	387,885	365	386,965	0
2015	3	388,308	367	387,885	0
2015	4	388,755	368	388,308	0
2015	5	389,273	369	388,755	0
2015	6	389,738	369	389,273	0
2015	7	390,509	369	389,738	0
2015	8	390,891	370	390,509	0
2015	9	390,691	370	390,891	0
2015	10	390,750	370	390,691	0
2015	11	390,910	370	390,750	0
2015	12	391,342	371	390,910	0
2016	1	391,818	371	391,342	0
2016	2	392,201	371	391,818	0
2016	3	392,833	371	392,201	0
2016	4	393,339	372	392,833	0
2016	5	394,024	372	393,339	0
2016	6	395,011	373	394,024	0
2016	7	395,462	374	395,011	0
2016	8	395,736	374	395,462	0
2016	9	395,915	375	395,736	0
2016	10	396,090	376	395,915	0
2016	11	396,200	377	396,090	0
2016	12	396,721	378	396,200	0

Year	Month	Residential Customers Model Ouput	Number of Households (1,000's)	One Period Lag of Residential Customers	Indicator Variable for Hurricane Michael
2017	1	397,071	378	396,721	0
2017	2	397,427	379	397,071	0
2017	3	398,281	380	397,427	0
2017	4	399,069	381	398,281	0
2017	5	399,671	382	399,069	0
2017	6	400,147	382	399,671	0
2017	7	400,874	382	400,147	0
2017	8	401,109	382	400,874	0
2017	9	401,199	382	401,109	0
2017	10	401,392	382	401,199	0
2017	11	401,786	382	401,392	0
2017	12	402,539	382	401,786	0
2018	1	403,413	382	402,539	0
2018	2	403,344	382	403,413	0
2018	3	403,952	383	403,344	0
2018	4	404,578	383	403,952	0
2018	5	405,271	383	404,578	0
2018	6	406,139	383	405,271	0
2018	7	406,752	383	406,139	0
2018	8	407,319	383	406,752	0
2018	9	407,771	382	407,319	0
2018	10	406,250	382	407,771	1
2018	11	404,364	382	406,250	1
2018	12	403,734	382	404,364	1
2019	1	403,718	382	403,734	1
2019	2	402,681	382	403,718	1
2019	3	402,961	382	402,681	0
2019	4	403,607	382	402,961	0
2019	5	404,103	382	403,607	0
2019	6	405,346	382	404,103	0
2019	7	406,460	382	405,346	0
2019	8	407,038	382	406,460	0
2019	9	407,440	383	407,038	0
2019	10	407,650	383	407,440	0
2019	11	408,267	383	407,650	0
2019	12	408,646	384	408,267	0
2020	1	409,152	384	408,646	0
2020	2	409,534	385	409,152	0
2020	3	409,020	385	409,534	0
2020	4	408,970	385	409,020	0
2020	5	409,547	385	408,970	0
2020	6	410,646	385	409,547	0
2020	7	411,301	386	410,646	0
2020	8	411,624	386	411,301	0

Year	Month	Residential Customers Model Ouput	Number of Households (1,000's)	One Period Lag of Residential Customers	Indicator Variable for Hurricane Michael
2020	9	411,897	386	411,624	0
2020	10	412,166	386	411,897	0
2020	11	412,610	387	412,166	0
2020	12	412,867	387	412,610	0
2021	1	413,108	387	412,867	0
2021	2	413,385	387	413,108	0
2021	3	413,415	388	413,385	0
2021	4	413,558	388	413,415	0
2021	5	413,920	388	413,558	0
2021	6	414,384	389	413,920	0
2021	7	414,711	389	414,384	0
2021	8	414,996	390	414,711	0
2021	9	415,287	390	414,996	0
2021	10	415,585	391	415,287	0
2021	11	415,891	391	415,585	0
2021	12	416,204	392	415,891	0
2022	1	416,523	392	416,204	0
2022	2	416,850	393	416,523	0
2022	3	417,183	393	416,850	0
2022	4	417,522	394	417,183	0
2022	5	417,867	394	417,522	0
2022	6	418,216	395	417,867	0
2022	7	418,567	395	418,216	0
2022	8	418,923	396	418,567	0
2022	9	419,282	396	418,923	0
2022	10	419,647	397	419,282	0
2022	11	420,015	397	419,647	0
2022	12	420,386	398	420,015	0
2023	1	420,758	398	420,386	0
2023	2	421,132	399	420,758	0
2023	3	421,508	399	421,132	0
2023	4	421,887	400	421,508	0
2023	5	422,266	400	421,887	0
2023	6	422,644	400	422,266	0
2023	7	423,019	401	422,644	0
2023	8	423,392	401	423,019	0
2023	9	423,764	401	423,392	0
2023	10	424,138	402	423,764	0
2023	11	424,510	402	424,138	0
2023	12	424,880	402	424,510	0

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Year	Month	Residential		Residential Use	Bill Day	Bill Day	Bill Day	Bill Day	Bill Day	Real Electric Price	Residential	Indicator					Indicator Variable	Indicator	Indicator	Impact of DSM	Impact of Private Solar	Impact of Electric Vehicles	Bill Days
		Sales (MWh)	Customers	Per Customer Per Bill Day (kWh)	Cooling Degree Hours Base 67-75	Cooling Degree Hours Base 75-85	Cooling Degree Hours Base 85	Heating Degree Hours Base 50-59	Heating Degree Hours Base 59	Increase 12 Month Average (kWh/Cust)	Codes and Standards (kWh/Cust)	Variable for May	Variable for July	Variable for August	Variable for November	for June, July, August 2008	for Hurricane Issac	for 2014 Ice Storm	for May 2020				
2007	8	645,714	371,994	56.427	5.03	215.80	158.17	0.00	0.00	11.551	6.2353	0	0	1	0	0	0	0	0	0	0	0	30.762
2007	9	594,967	371,452	51.987	7.12	234.78	111.92	0.00	0.00	11.616	6.0112	0	0	0	0	0	0	0	0	0	0	0	30.810
2007	10	476,603	371,643	43.437	29.52	203.25	8.23	2.22	0.06	11.673	5.0345	0	0	0	0	0	0	0	0	0	0	0	29.524
2007	11	336,270	371,553	30.120	26.94	29.82	0.00	19.57	16.13	11.732	3.0237	0	0	0	1	0	0	0	0	0	0	0	30.048
2007	12	359,632	371,324	31.051	11.41	0.03	0.00	29.16	54.09	11.792	1.4353	0	0	0	0	0	0	0	0	0	0	0	31.191
2008	1	452,793	372,338	37.890	5.79	0.00	0.00	28.04	150.25	11.792	1.2349	0	0	0	0	0	0	0	0	0	0	0	32.095
2008	2	419,139	372,875	37.708	3.55	0.00	0.00	37.75	135.47	11.792	1.2305	0	0	0	0	0	0	0	0	0	0	0	29.810
2008	3	352,283	372,839	31.496	4.49	0.00	0.00	32.61	68.48	11.792	1.6733	0	0	0	0	0	0	0	0	0	0	0	30.000
2008	4	333,471	372,924	29.572	26.23	6.00	0.00	16.52	17.32	11.792	2.4577	0	0	0	0	0	0	0	0	0	0	0	30.238
2008	5	355,971	373,368	32.241	51.37	66.47	2.96	4.18	2.65	11.792	4.1727	1	0	0	0	0	0	0	0	0	0	0	29.571
2008	6	531,067	373,715	46.338	18.40	206.68	90.07	0.00	0.00	11.792	6.7835	0	0	0	0	0	1	0	0	0	0	0	30.667
2008	7	582,939	374,139	50.886	2.36	241.16	124.61	0.00	0.00	11.792	6.9750	0	1	0	0	0	0	0	0	0	0	0	30.619
2008	8	586,714	373,964	50.844	0.00	231.37	155.48	0.00	0.00	11.792	7.6730	0	0	1	0	0	0	0	0	0	0	0	30.857
2008	9	558,867	373,227	48.451	6.52	263.84	68.85	0.00	0.00	11.862	8.2067	0	0	0	0	0	0	0	0	0	0	0	30.905
2008	10	422,398	372,374	36.989	44.26	125.34	4.48	0.98	1.50	11.951	6.2091	0	0	0	0	0	0	0	0	0	0	0	30.667
2008	11	320,712	372,174	30.011	20.22	13.11	0.00	20.43	34.55	12.052	3.0649	0	0	0	1	0	0	0	0	0	0	0	28.714
2008	12	389,791	371,864	33.761	8.58	1.22	0.00	29.62	112.60	12.153	0.9976	0	0	0	0	0	0	0	0	0	0	0	31.048
2009	1	402,511	372,057	33.509	7.92	0.00	0.00	21.00	110.74	12.345	0.9180	0	0	0	0	0	0	0	0	0	0	0	32.286
2009	2	422,956	372,099	38.010	0.92	0.00	0.00	31.26	169.47	12.543	0.5505	0	0	0	0	0	0	0	0	0	0	0	29.905
2009	3	347,978	372,000	31.838	9.17	0.00	0.00	21.64	81.22	12.740	1.1210	0	0	0	0	0	0	0	0	0	0	0	29.381
2009	4	311,751	371,979	27.629	22.66	0.86	0.00	9.12	7.02	12.945	3.0766	0	0	0	0	0	0	0	0	0	0	0	30.333
2009	5	370,855	372,181	33.057	53.06	79.63	0.12	2.05	1.73	13.143	4.8782	1	0	0	0	0	0	0	0	0	0	0	30.143
2009	6	510,755	373,012	44.859	42.53	158.76	60.96	0.00	0.00	13.350	6.7435	0	0	0	0	0	0	0	0	0	0	0	30.524
2009	7	620,878	372,976	54.282	3.54	222.57	155.37	0.00	0.00	13.536	9.2122	0	1	0	0	0	0	0	0	0	0	0	30.667
2009	8	573,947	372,633	50.304	8.62	278.53	38.34	0.00	0.00	13.723	10.1657	0	0	1	0	0	0	0	0	0	0	0	30.619
2009	9	494,824	372,019	43.172	24.26	239.77	5.81	0.00	0.00	13.818	9.0505	0	0	0	0	0	0	0	0	0	0	0	30.810
2009	10	456,298	371,943	41.353	26.27	198.55	9.23	4.79	3.03	13.890	8.8089	0	0	0	0	0	0	0	0	0	0	0	29.667
2009	11	305,387	372,253	28.665	14.95	45.12	1.15	24.22	9.35	13.957	6.0953	0	0	0	1	0	0	0	0	0	0	0	28.619
2009	12	375,185	372,367	32.552	3.90	0.07	0.00	35.84	98.56	14.019	2.3032	0	0	0	0	0	0	0	0	0	0	0	30.952
2010	1	554,450	373,142	45.956	1.50	0.00	0.00	30.97	281.83	14.022	0.9635	0	0	0	0	0	0	0	0	0	0	0	32.333
2010	2	477,523	373,161	42.724	0.16	0.00	0.00	39.05	222.78	14.023	0.6331	0	0	0	0	0	0	0	0	0	0	0	29.952
2010	3	432,506	373,276	39.436	0.03	0.00	0.00	38.43	182.18	14.023	0.3226	0	0	0	0	0	0	0	0	0	0	0	29.381
2010	4	314,129	373,509	27.424	17.47	2.14	0.00	24.87	12.92	14.031	1.9856	0	0	0	0	0	0	0	0	0	0	0	30.667
2010	5	358,748	374,097	32.534	54.20	62.68	3.78	0.73	0.00	14.043	6.6920	1	0	0	0	0	0	0	0	0	0	0	29.476
2010	6	533,864	374,534	46.194	22.57	214.53	56.51	0.00	0.00	14.050	10.5834	0	0	0	0	0	0	0	0	0	0	0	30.857
2010	7	590,322	374,905	51.585	0.52	239.20	129.25	0.00	0.00	14.084	12.6757	0	1	0	0	0	0	0	0	0	0	0	30.524
2010	8	626,559	374,889	54.331	0.35	211.06	201.62	0.00	0.00	14.113	12.9726	0	0	1	0	0	0	0	0	0	0	0	30.762
2010	9	564,877	374,415	48.968	10.83	238.44	92.14	0.00	0.00	14.141	12.1802	0	0	0	0	0	0	0	0	0	0	0	30.810
2010	10	410,245	374,150	36.959	30.35	140.63	30.44	1.28	0.00	14.178	8.7425	0	0	0	0	0	0	0	0	0	0	0	29.667
2010	11	324,157	374,313	29.098	30.84	47.31	0.00	12.71	15.15	14.200	5.1267	0	0	0	1	0	0	0	0	0	0	0	29.762
2010	12	410,205	374,775	35.039	15.19	0.10	0.00	22.56	157.47	14.228	1.5974	0	0	0	0	0	0	0	0	0	0	0	31.238
2011	1	529,483	374,999	43.539	0.20	0.00	0.00	33.83	242.02	14.228	0.3844	0	0	0	0	0	0	0	0	0	0	0	32.430
2011	2	477,008	375,470	42.618	1.70	0.16	0.00	32.69	209.42	14.228	0.9919	0	0	0	0	0	0	0	0	0	0	0	29.810
2011	3	321,888	375,760	29.156	12.99	4.06	0.00	19.96	54.13	14.228	2.4346	0	0	0	0	0	0	0	0	0	0	0	29.381
2011	4	322,093	376,277	28.812	44.40	32.39	0.00	9.90	4.35	14.228	5.7494	0	0	0	0	0	0	0	0	0	0	0	29.710
2011	5	387,646	376,309	33.697	51.62	93.83	0.15	2.07	0.00	14.228	8.7872	1	0	0	0	0	0	0	0	0	0	0	30.570
2011	6	542,047	377,190	46.795	18.97	187.19	101.13	0.62	0.00	14.228	11.7028	0	0	0	0	0	0	0	0	0	0	0	30.710
2011	7	603,324	377,411	52.293	4.29	212.15	173.70	0.00	0.00	14.228	12.9144	0	1	0	0	0	0	0	0	0	0	0	30.570
2011	8	612,417	377,413	52.582	2.80	220.42	164.77	0.00	0.00	14.228	14.7495	0	0	1	0	0	0	0	0	0	0	0	30.860
2011	9	533,112	376,727	46.080	15.23	188.22	122.93	0.00	0.00	14.228	13.1314	0	0	0	0	0	0	0	0	0	0	0	30.710
2011	10	383,186	376,284	34.380	40.23	107.30	4.48	2.72	1.42	14.228	10.1181	0	0	0	0	0	0	0	0	0	0	0	29.620
2011	11	303,846	376,004	26.981	24.78	11.87	0.00	24.20	16.92	14.228	4.6179	0	0	0	1	0	0	0	0	0	0	0	29.950
2011	12	352,344	376,437	30.291	15.06	1.08	0.00	26.34	78.97	14.228	2.6121	0	0	0	0	0	0	0	0	0	0	0	30.900
2012	1	379,292	376,544	30.927	6.91	0.00	0.00	31.33	75.48	14.228	1.6236	0	0	0	0	0	0	0	0	0	0	0	32.570
2012	2	342,001	377,180	30.417	7.91	0.00	0.00	27.19	55.79	14.267	2.0989	0	0	0	0	0	0	0	0	0	0	0	29.810
2012	3	314,581	377,647	28.353	24.89	5.05	0.00	22.54	19.80	14.267	3.8551	0	0	0	0	0	0	0	0	0	0	0	29.380
2012	4	344,299	378,057	29.840	59.78	31.70	0.00	1.60	0.15	14.267	5.4967	0	0	0	0	0	0	0	0	0	0	0	30.520
2012	5	374,568	378,392	33.207	51.11	102.51	4.06	1.63	0.00	14.271	7.4533	1	0	0	0	0	0	0	0	0	0	0	29.810
2012	6	525,304	378,601	43.81																			

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Year	Month	Residential Sales (MWh)	Residential Customers	Residential Use Per Customer Per		Bill Day	Bill Day	Bill Day	Bill Day	Bill Day	Real Electric Price	Residential	Indicator Variable for May	Indicator Variable for July	Indicator Variable for August	Indicator Variable for November	Indicator Variable for June, July, August 2008	Indicator Variable for Hurricane Issac	Indicator Variable for 2014 Ice Storm	Indicator Variable for May 2020	DSM Impact	Impact of Private Solar	Impact of Electric Vehicles	Bill Days
				Bill Day	Bill Day	Bill Day	Bill Day	Bill Day	Increase 12 Month	Codes and Standards														
				Hours	Hours	Hours	Hours	Hours	Hours	Average	(kW/kWh)													
2014	2	494,612	383,239	43.295	1.01	0.00	0.00	37.69	204.02	14.408	2.9532	0	0	0	0	0	0	0	1	0	0	0	29.810	
2014	3	355,382	383,847	31.406	3.36	0.00	0.00	31.53	78.67	14.482	4.0038	0	0	0	0	0	0	0	0	0	0	0	29.480	
2014	4	313,148	383,955	27.232	22.65	3.39	0.00	20.25	12.22	14.557	6.1194	0	0	0	0	0	0	0	0	0	0	0	29.950	
2014	5	355,077	384,436	30.403	44.30	80.48	1.15	2.95	1.92	14.621	12.2155	1	0	0	0	0	0	0	0	0	0	0	30.380	
2014	6	484,753	384,985	41.059	33.72	198.11	28.36	0.12	0.00	14.689	15.1866	0	0	0	0	0	0	0	0	0	0	0	30.667	
2014	7	577,967	385,423	48.975	8.45	248.41	76.31	0.00	0.00	14.755	18.4605	0	1	0	0	0	0	0	0	0	0	0	30.619	
2014	8	576,476	385,890	48.941	12.94	262.47	34.59	0.00	0.00	14.823	21.5235	0	0	1	0	0	0	0	0	0	0	0	30.524	
2014	9	582,198	386,230	48.255	14.45	253.64	43.47	0.00	0.00	14.890	20.4538	0	0	0	0	0	0	0	0	0	0	0	31.238	
2014	10	422,718	386,163	35.695	45.86	119.60	0.00	1.20	0.00	14.970	15.2217	0	0	0	0	0	0	0	0	0	0	0	30.667	
2014	11	320,142	386,408	28.854	22.81	21.79	0.00	20.98	51.88	15.047	7.8193	0	0	0	1	0	0	0	0	0	0	0	28.714	
2014	12	381,153	386,509	31.762	4.42	0.00	0.00	37.17	100.90	15.132	3.6951	0	0	0	0	0	0	0	0	0	0	0	31.048	
2015	1	437,792	386,965	35.041	3.46	0.00	0.00	37.13	143.99	15.189	3.0399	0	0	0	0	0	0	0	0	0	0	0	32.286	
2015	2	429,664	387,885	37.041	0.54	0.00	0.00	40.10	169.91	15.246	1.0914	0	0	0	0	0	0	0	0	0	0	0	29.905	
2015	3	392,871	388,308	34.436	13.78	4.38	0.00	18.04	133.00	15.292	5.2067	0	0	0	0	0	0	0	0	0	0	0	29.381	
2015	4	345,513	388,755	28.981	61.06	19.14	0.00	3.81	8.93	15.330	9.5568	0	0	0	0	0	0	0	0	0	0	0	30.667	
2015	5	388,543	389,273	33.483	54.91	94.99	0.00	0.01	0.00	15.371	13.8466	1	0	0	0	0	0	0	0	0	0	0	29.810	
2015	6	521,504	389,738	43.837	28.27	223.79	18.23	0.00	0.00	15.417	18.1724	0	0	0	0	0	0	0	0	0	0	0	30.524	
2015	7	607,611	390,509	50.737	4.68	241.10	113.57	0.00	0.00	15.465	21.8738	0	1	0	0	0	0	0	0	0	0	0	30.667	
2015	8	625,805	390,891	52.287	1.47	218.65	168.14	0.00	0.00	15.511	21.6426	0	0	1	0	0	0	0	0	0	0	0	30.619	
2015	9	543,365	390,691	45.141	14.60	225.69	69.39	0.00	0.00	15.565	21.0340	0	0	0	0	0	0	0	0	0	0	0	30.810	
2015	10	397,416	390,750	34.282	41.64	112.33	7.44	0.13	0.00	15.619	16.1288	0	0	0	0	0	0	0	0	0	0	0	29.667	
2015	11	335,931	390,910	28.874	53.82	44.53	0.00	5.09	2.96	15.662	13.4760	0	0	0	1	0	0	0	0	0	0	0	29.762	
2015	12	337,497	391,342	27.608	23.86	5.71	0.00	21.90	25.33	15.709	6.8507	0	0	0	0	0	0	0	0	0	0	0	31.238	
2016	1	431,249	391,818	33.940	19.56	4.25	0.00	27.61	113.98	15.709	5.7775	0	0	0	0	0	0	0	0	0	0	0	32.429	
2016	2	415,590	392,201	35.546	3.46	0.00	0.00	36.27	130.19	15.709	1.3953	0	0	0	0	0	0	0	0	0	0	0	29.810	
2016	3	332,112	392,833	28.497	17.21	1.69	0.00	27.02	33.09	15.709	4.1994	0	0	0	0	0	0	0	0	0	0	0	29.667	
2016	4	315,661	393,339	26.333	38.08	8.17	0.00	5.74	4.08	15.709	8.8457	0	0	0	0	0	0	0	0	0	0	0	30.476	
2016	5	363,900	394,024	31.281	46.99	101.24	0.00	0.14	0.00	15.709	12.9214	1	0	0	0	0	0	0	0	0	0	0	29.524	
2016	6	510,448	395,011	42.073	21.83	227.09	0.00	0.00	0.00	15.709	20.2653	0	0	0	0	0	0	0	0	0	0	0	30.714	
2016	7	617,137	395,462	51.045	1.74	235.75	148.31	0.00	0.00	15.709	26.6282	0	1	0	0	0	0	0	0	0	0	0	30.571	
2016	8	608,947	395,736	49.968	0.24	254.34	127.91	0.00	0.00	15.709	27.2867	0	0	1	0	0	0	0	0	0	0	0	30.857	
2016	9	568,580	395,915	46.758	1.02	268.30	94.14	0.00	0.00	15.709	25.6811	0	0	0	0	0	0	0	0	0	0	0	30.714	
2016	10	462,286	396,090	39.405	26.94	189.19	38.16	0.26	0.00	15.709	21.3546	0	0	0	0	0	0	0	0	0	0	0	29.619	
2016	11	345,196	396,200	29.089	38.41	66.83	0.62	4.70	3.33	15.709	10.5066	0	0	0	1	0	0	0	0	0	0	0	29.952	
2016	12	346,957	396,721	27.997	22.42	7.22	0.00	19.46	43.18	15.709	6.1117	0	0	0	0	0	0	0	0	0	0	0	31.238	
2017	1	402,216	397,071	31.421	27.31	0.00	0.00	13.36	84.91	15.709	6.1719	0	0	0	0	0	0	0	0	0	0	0	32.238	
2017	2	335,813	397,427	28.345	20.81	1.36	0.00	16.79	42.87	15.709	4.2064	0	0	0	0	0	0	0	0	0	0	0	29.810	
2017	3	312,752	398,281	26.727	27.58	8.99	0.00	21.47	13.64	15.709	4.9857	0	0	0	0	0	0	0	0	0	0	0	29.381	
2017	4	350,691	399,069	29.108	43.05	38.24	0.00	8.40	7.09	15.709	8.7771	0	0	0	0	0	0	0	0	0	0	0	30.190	
2017	5	388,140	399,671	32.218	37.02	118.94	0.00	1.20	0.00	15.709	15.5373	1	0	0	0	0	0	0	0	0	0	0	30.143	
2017	6	489,100	400,147	39.857	18.12	222.97	5.86	0.13	0.00	15.709	21.6919	0	0	0	0	0	0	0	0	0	0	0	30.667	
2017	7	575,762	400,874	46.834	2.28	224.07	102.88	0.00	0.00	15.709	27.8814	0	1	0	0	0	0	0	0	0	0	0	30.667	
2017	8	589,487	401,109	48.223	0.00	206.65	145.63	0.00	0.00	15.709	29.7300	0	0	1	0	0	0	0	0	0	0	0	30.476	
2017	9	541,511	401,199	43.472	6.35	210.05	82.73	0.00	0.00	15.709	27.3217	0	0	0	0	0	0	0	0	0	0	0	31.048	
2017	10	470,015	401,392	39.470	13.94	210.45	43.73	0.58	0.29	15.709	24.7011	0	0	0	0	0	0	0	0	0	0	0	29.667	
2017	11	334,974	401,786	29.035	26.97	58.20	2.54	12.64	8.35	15.711	12.9587	0	0	0	1	0	0	0	0	0	0	0	28.714	
2017	12	373,948	402,539	29.757	15.18	5.25	0.00	26.72	63.77	15.711	6.4961	0	0	0	0	0	0	0	0	0	0	0	31.143	
2018	1	550,352	403,413	42.506	10.24	0.00	0.00	25.02	229.89	15.763	2.9497	0	0	0	0	0	0	0	0	0	0	0	32.995	
2018	2	421,247	403,344	35.025	12.26	1.00	0.00	24.75	108.84	15.828	5.3363	0	0	0	0	0	0	0	0	0	0	0	29.810	
2018	3	315,564	403,952	26.588	42.66	4.95	0.00	17.24	13.74	15.896	7.7229	0	0	0	0	0	0	0	0	0	0	0	29.381	
2018	4	331,808	404,578	26.579	34.39	8.36	0.00	16.24	8.55	15.896	8.6882	0	0	0	0	0	0	0	0	0	0	0	30.857	
2018	5	389,560	405,271	31.247	42.76	103.93	5.96	2.53	1.38	15.896	13.9692	1	0	0	0	0	0	0	0	0	0	0	30.762	
2018	6	526,790	406,139	42.165	18.72	245.38	40.42	0.00	0.00	15.896	21.5203	0	0	0	0	0	0	0	0	0	0	0	30.762	
2018	7	609,203	406,752	48.688	2.44	255.61	103.97	0.00	0.00	15.896	29.0575	0	1	0	0	0	0	0	0	0	0	0	30.762	
2018	8	589,071	407,319	47.528	1.49	260.00	99.68	0.00	0.00	15.896	31.6764	0	0	1	0	0	0	0	0	0	0	0	30.429	
2018	9	564,318	407,771	44.437	0.16	274.65	62.56	0.00	0.00	15.896	29.9535	0	0	0	0	0	0	0	0	0	0	0	31.143	
2018	10	489,260	406,250	40.792	8.10	255.86	27.54	0.24	0.00	15.896	31.7144	0	0	0	0	0	0	0	0	0	0	0	29.524	
2018	11	336,697	404,364	28.950	30.23	67.62	0.36	12.08	25.35	15.896	19.0459													

FLORIDA POWER & LIGHT COMPANY
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Year	Month	Residential		Residential Use	Bill Day	Bill Day	Bill Day	Bill Day	Bill Day	Real Electric Price	Residential	Indicator	Indicator	Indicator	Indicator	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Indicator Variable	Impact of	Impact of	Electric	Bill Days
		Sales (MWh)	Customers	Per Customer Per Bill Day (kWh)	Cooling Degree Hours Base 67-75	Cooling Degree Hours Base 75-85	Cooling Degree Hours Base 85	Heating Degree Hours Base 50-59	Heating Degree Hours Base 59	Increase 12 Month Average Cents/kWh	Codes and Standards (kWh/Cust)	Variable for May	Variable for July	Variable for August	Variable for November	for June, July, August 2008	for Hurricane Issac	for 2014 Ice Storm	for May 2020	DSM Impact	Private Solar				
2020	8	623,269	411,624	49.202	4.08	245.23	106.83	0.00	0.00	16.442	36.3859	0	0	1	0	0	0	0	0	0	-1,499	-2,192	95	30.952	
2020	9	561,066	411,897	44.950	10.73	243.81	69.27	0.01	0.00	16.495	33.6707	0	0	0	0	0	0	0	0	0	-1,154	-2,115	78	30.476	
2020	10	447,244	412,166	36.796	32.13	161.13	18.58	1.70	0.66	16.549	28.4357	0	0	0	0	0	0	0	0	0	-578	-2,206	95	29.667	
2020	11	350,078	412,610	28.144	31.45	38.40	0.41	15.53	17.72	16.604	16.8242	0	0	0	1	0	0	0	0	0	-413	-1,830	78	30.333	
2020	12	387,799	412,867	31.496	13.08	2.55	0.00	30.19	88.28	16.659	6.9152	0	0	0	0	0	0	0	0	0	-732	-1,672	95	30.000	
2021	1	475,017	413,108	36.526	6.83	0.24	0.00	29.29	162.05	16.659	4.4182	0	0	0	0	0	0	0	0	0	-1,221	-1,767	177	31.667	
2021	2	428,050	413,385	34.982	4.47	0.13	0.00	33.28	140.59	16.659	3.6994	0	0	0	0	0	0	0	0	0	-749	-1,711	119	29.762	
2021	3	357,236	413,415	29.300	13.42	1.85	0.00	26.95	63.39	16.659	6.9917	0	0	0	0	0	0	0	0	0	-455	-2,413	177	29.714	
2021	4	331,544	413,558	26.488	32.87	13.03	0.00	14.33	10.94	16.659	11.7520	0	0	0	0	0	0	0	0	0	-466	-2,523	158	30.524	
2021	5	375,852	413,920	30.143	48.43	84.59	1.68	2.32	1.00	16.659	19.7088	1	0	0	0	0	0	0	0	0	-1,203	-2,782	177	30.429	
2021	6	515,693	414,384	41.028	25.46	210.89	41.96	0.10	0.00	16.659	29.9905	0	0	0	0	0	0	0	0	0	-1,840	-2,375	158	30.571	
2021	7	605,532	414,711	47.431	4.08	245.23	106.83	0.00	0.00	16.659	36.2921	0	1	0	0	0	0	0	0	0	-2,081	-2,346	177	31.000	
2021	8	605,858	414,996	47.436	4.08	245.23	106.83	0.00	0.00	16.659	39.1301	0	0	1	0	0	0	0	0	0	-2,022	-4,420	177	31.095	
2021	9	550,939	415,287	43.693	10.73	243.81	69.27	0.01	0.00	16.659	38.4970	0	0	0	0	0	0	0	0	0	-1,556	-4,114	158	30.667	
2021	10	438,329	415,585	35.996	32.13	161.13	18.58	1.70	0.66	16.659	32.3502	0	0	0	0	0	0	0	0	0	-780	-4,147	177	29.619	
2021	11	339,441	415,891	27.725	31.45	38.40	0.41	15.53	17.72	16.659	18.7549	0	0	0	1	0	0	0	0	0	-557	-3,333	158	29.762	
2021	12	393,576	416,204	31.276	13.08	2.55	0.00	30.19	88.28	16.659	7.9898	0	0	0	0	0	0	0	0	0	-987	-2,955	177	30.524	
2022	1	483,219	416,523	36.420	6.83	0.24	0.00	29.29	162.05	16.714	4.5828	0	0	0	0	0	0	0	0	0	-1,922	-3,124	304	32.167	
2022	2	421,163	416,850	34.882	4.47	0.13	0.00	33.28	140.59	16.764	3.9672	0	0	0	0	0	0	0	0	0	-1,179	-3,025	233	29.238	
2022	3	355,823	417,183	29.182	13.42	1.85	0.00	26.95	63.39	16.828	7.3859	0	0	0	0	0	0	0	0	0	-716	-4,266	304	29.611	
2022	4	329,657	417,522	26.335	32.87	13.03	0.00	14.33	10.94	16.895	12.4048	0	0	0	0	0	0	0	0	0	-733	-4,462	281	30.429	
2022	5	373,371	417,867	29.931	48.43	84.59	1.68	2.32	1.00	16.974	20.7778	1	0	0	0	0	0	0	0	0	-1,893	-4,922	304	30.373	
2022	6	518,376	418,216	40.770	25.46	210.89	41.96	0.10	0.00	17.044	31.3316	0	0	0	0	0	0	0	0	0	-2,897	-4,201	281	30.802	
2022	7	603,242	418,567	47.099	5.85	240.97	104.60	0.00	0.00	17.111	38.2478	0	1	0	0	0	0	0	0	0	-3,275	-4,151	304	30.961	
2022	8	597,297	418,923	47.037	4.08	245.23	106.83	0.00	0.00	17.175	41.6149	0	0	1	0	0	0	0	0	0	-3,183	-6,136	304	30.770	
2022	9	548,805	419,282	43.313	10.73	243.81	69.27	0.01	0.00	17.225	40.5285	0	0	0	0	0	0	0	0	0	-2,450	-5,654	281	30.651	
2022	10	441,234	419,647	35.654	32.13	161.13	18.58	1.70	0.66	17.277	33.6819	0	0	0	0	0	0	0	0	0	-1,227	-5,645	304	29.929	
2022	11	336,912	420,015	27.388	31.45	38.40	0.41	15.53	17.72	17.339	19.7495	0	0	0	1	0	0	0	0	0	-877	-4,493	281	29.730	
2022	12	393,890	420,386	30.964	13.08	2.55	0.00	30.19	88.28	17.409	8.3663	0	0	0	0	0	0	0	0	0	-1,554	-3,946	304	30.659	
2023	1	482,993	420,758	36.156	6.83	0.24	0.00	29.29	162.05	17.435	4.5064	0	0	0	0	0	0	0	0	0	-2,662	-4,197	503	32.167	
2023	2	421,040	421,132	34.626	4.47	0.13	0.00	33.28	140.59	17.461	3.9006	0	0	0	0	0	0	0	0	0	-1,634	-4,092	413	29.238	
2023	3	354,989	421,508	28.946	13.42	1.85	0.00	26.95	63.39	17.487	7.2614	0	0	0	0	0	0	0	0	0	-992	-5,810	503	29.611	
2023	4	328,661	421,887	26.121	32.87	13.03	0.00	14.33	10.94	17.512	12.1946	0	0	0	0	0	0	0	0	0	-1,016	-6,119	473	30.429	
2023	5	372,634	422,266	29.750	48.43	84.59	1.68	2.32	1.00	17.536	20.4241	1	0	0	0	0	0	0	0	0	-2,622	-6,798	503	30.373	
2023	6	519,420	422,644	40.621	25.46	210.89	41.96	0.10	0.00	17.560	30.7964	0	0	0	0	0	0	0	0	0	-4,013	-5,847	473	30.802	
2023	7	605,378	423,019	46.976	5.85	240.97	104.60	0.00	0.00	17.585	37.5928	0	1	0	0	0	0	0	0	0	-4,537	-5,822	503	30.961	
2023	8	599,746	423,392	46.933	4.08	245.23	106.83	0.00	0.00	17.610	40.9009	0	0	1	0	0	0	0	0	0	-4,409	-7,769	503	30.770	
2023	9	551,236	423,764	43.216	10.73	243.81	69.27	0.01	0.00	17.636	39.8322	0	0	0	0	0	0	0	0	0	-3,394	-7,161	473	30.651	
2023	10	443,015	424,138	35.558	32.13	161.13	18.58	1.70	0.66	17.662	33.1029	0	0	0	0	0	0	0	0	0	-1,700	-7,152	503	29.929	
2023	11	337,936	424,510	27.286	31.45	38.40	0.41	15.53	17.72	17.686	19.4099	0	0	0	1	0	0	0	0	0	-1,215	-5,694	473	29.730	
2023	12	395,396	424,881	30.864	13.08	2.55	0.00	30.19	88.28	17.708	8.2226	0	0	0	0	0	0	0	0	0	-2,153	-5,003	503	30.659	

Year	Month	Small Commercial		Gulf Share of	One Period Lag of
		Customers	Model Ouput	Florida Retail	Small Commercial
				Sales	Customers
				(millions)	
1995	1	24,438		6,547	24,437
1995	2	24,479		6,582	24,438
1995	3	24,535		6,649	24,479
1995	4	24,587		6,844	24,535
1995	5	24,702		6,905	24,587
1995	6	24,692		6,926	24,702
1995	7	24,708		6,837	24,692
1995	8	24,742		6,832	24,708
1995	9	24,723		6,842	24,742
1995	10	24,636		6,830	24,723
1995	11	24,591		6,893	24,636
1995	12	24,659		6,996	24,591
1996	1	24,672		7,249	24,659
1996	2	24,752		7,350	24,672
1996	3	24,974		7,407	24,752
1996	4	25,210		7,327	24,974
1996	5	25,329		7,371	25,210
1996	6	25,440		7,444	25,329
1996	7	25,437		7,634	25,440
1996	8	25,556		7,698	25,437
1996	9	25,559		7,726	25,556
1996	10	25,667		7,656	25,559
1996	11	25,464		7,655	25,667
1996	12	25,485		7,664	25,464
1997	1	25,427		7,704	25,485
1997	2	25,237		7,715	25,427
1997	3	25,205		7,718	25,237
1997	4	25,204		7,675	25,205
1997	5	25,346		7,691	25,204
1997	6	25,255		7,730	25,346
1997	7	25,327		7,835	25,255
1997	8	25,330		7,881	25,327
1997	9	25,327		7,915	25,330
1997	10	25,475		7,915	25,327
1997	11	25,524		7,938	25,475
1997	12	25,487		7,963	25,524
1998	1	25,511		7,976	25,487
1998	2	25,579		8,016	25,511
1998	3	25,708		8,070	25,579
1998	4	25,819		8,189	25,708
1998	5	25,885		8,228	25,819
1998	6	26,021		8,241	25,885
1998	7	26,198		8,155	26,021

Year	Month	Small Commercial		Gulf Share of	One Period Lag of
		Customers	Model Ouput	Florida Retail	Small Commercial
				Sales	Customers
				(millions)	
1998	8	26,295		8,167	26,198
1998	9	26,412		8,205	26,295
1998	10	26,467		8,322	26,412
1998	11	26,597		8,373	26,467
1998	12	26,649		8,412	26,597
1999	1	26,790		8,416	26,649
1999	2	26,842		8,446	26,790
1999	3	27,041		8,480	26,842
1999	4	27,183		8,514	27,041
1999	5	27,268		8,557	27,183
1999	6	27,239		8,606	27,268
1999	7	27,217		8,666	27,239
1999	8	27,254		8,724	27,217
1999	9	27,275		8,783	27,254
1999	10	27,300		8,839	27,275
1999	11	27,324		8,908	27,300
1999	12	27,272		8,983	27,324
2000	1	27,222		9,106	27,272
2000	2	27,258		9,162	27,222
2000	3	27,157		9,194	27,258
2000	4	26,661		9,154	27,157
2000	5	26,090		9,169	26,661
2000	6	26,138		9,193	26,090
2000	7	26,181		9,240	26,138
2000	8	26,194		9,270	26,181
2000	9	26,409		9,296	26,194
2000	10	26,291		9,319	26,409
2000	11	26,308		9,341	26,291
2000	12	26,280		9,360	26,308
2001	1	26,330		9,368	26,280
2001	2	26,358		9,390	26,330
2001	3	26,469		9,416	26,358
2001	4	26,516		9,481	26,469
2001	5	26,586		9,491	26,516
2001	6	26,693		9,479	26,586
2001	7	26,646		9,355	26,693
2001	8	26,693		9,369	26,646
2001	9	26,652		9,432	26,693
2001	10	26,646		9,690	26,652
2001	11	26,739		9,737	26,646
2001	12	26,716		9,721	26,739
2002	1	26,755		9,515	26,716
2002	2	26,888		9,467	26,755

Year	Month	Small Commercial Customers Model Ouput	Gulf Share of Florida Retail Sales (millions)	One Period Lag of Small Commercial Customers
2002	3	27,012	9,452	26,888
2002	4	27,129	9,504	27,012
2002	5	27,194	9,525	27,129
2002	6	27,212	9,552	27,194
2002	7	27,192	9,602	27,212
2002	8	27,363	9,625	27,192
2002	9	27,541	9,638	27,363
2002	10	27,592	9,620	27,541
2002	11	27,837	9,631	27,592
2002	12	27,831	9,650	27,837
2003	1	27,920	9,680	27,831
2003	2	28,074	9,710	27,920
2003	3	28,184	9,744	28,074
2003	4	28,257	9,755	28,184
2003	5	28,341	9,817	28,257
2003	6	28,413	9,901	28,341
2003	7	28,446	10,075	28,413
2003	8	28,485	10,158	28,446
2003	9	28,625	10,215	28,485
2003	10	28,800	10,189	28,625
2003	11	28,939	10,238	28,800
2003	12	28,876	10,306	28,939
2004	1	29,059	10,423	28,876
2004	2	29,077	10,502	29,059
2004	3	29,362	10,576	29,077
2004	4	29,517	10,627	29,362
2004	5	29,550	10,700	29,517
2004	6	29,625	10,778	29,550
2004	7	29,699	10,852	29,625
2004	8	29,712	10,949	29,699
2004	9	29,685	11,060	29,712
2004	10	29,318	11,227	29,685
2004	11	29,073	11,332	29,318
2004	12	29,241	11,419	29,073
2005	1	29,283	11,444	29,241
2005	2	29,500	11,526	29,283
2005	3	29,781	11,622	29,500
2005	4	29,813	11,758	29,781
2005	5	30,003	11,863	29,813
2005	6	30,172	11,964	30,003
2005	7	30,086	12,087	30,172
2005	8	30,063	12,159	30,086
2005	9	30,103	12,206	30,063

Year	Month	Small Commercial Customers Model Ouput	Gulf Share of Florida Retail Sales (millions)	One Period Lag of Small Commercial Customers
2005	10	30,146	12,147	30,103
2005	11	30,275	12,208	30,146
2005	12	30,201	12,305	30,275
2006	1	30,293	12,542	30,201
2006	2	30,295	12,636	30,293
2006	3	30,313	12,688	30,295
2006	4	30,390	12,650	30,313
2006	5	30,327	12,659	30,390
2006	6	30,254	12,665	30,327
2006	7	30,081	12,679	30,254
2006	8	30,100	12,672	30,081
2006	9	30,010	12,656	30,100
2006	10	29,894	12,601	30,010
2006	11	29,883	12,585	29,894
2006	12	29,861	12,579	29,883
2007	1	29,820	12,605	29,861
2007	2	29,708	12,604	29,820
2007	3	29,751	12,597	29,708
2007	4	29,724	12,578	29,751
2007	5	29,737	12,566	29,724
2007	6	29,781	12,555	29,737
2007	7	29,849	12,538	29,781
2007	8	29,892	12,531	29,849
2007	9	29,900	12,530	29,892
2007	10	29,836	12,577	29,900
2007	11	29,717	12,552	29,836
2007	12	29,567	12,500	29,717
2008	1	29,484	12,358	29,567
2008	2	29,377	12,295	29,484
2008	3	29,414	12,250	29,377
2008	4	29,401	12,271	29,414
2008	5	29,390	12,225	29,401
2008	6	29,318	12,160	29,390
2008	7	29,388	12,170	29,318
2008	8	29,255	11,996	29,388
2008	9	29,085	11,732	29,255
2008	10	28,966	11,141	29,085
2008	11	28,880	10,874	28,966
2008	12	28,750	10,695	28,880
2009	1	28,681	10,679	28,750
2009	2	28,585	10,618	28,681
2009	3	28,593	10,587	28,585
2009	4	28,618	10,596	28,593

Year	Month	Small Commercial Customers Model Ouput	Gulf Share of Florida Retail Sales (millions)	One Period Lag of Small Commercial Customers
2009	5	28,602	10,618	28,618
2009	6	28,580	10,664	28,602
2009	7	28,561	10,786	28,580
2009	8	28,545	10,839	28,561
2009	9	28,539	10,874	28,545
2009	10	28,542	10,853	28,539
2009	11	28,489	10,886	28,542
2009	12	28,461	10,932	28,489
2010	1	28,493	11,002	28,461
2010	2	28,500	11,068	28,493
2010	3	28,566	11,140	28,500
2010	4	28,598	11,253	28,566
2010	5	28,593	11,312	28,598
2010	6	28,509	11,353	28,593
2010	7	28,405	11,307	28,509
2010	8	28,331	11,359	28,405
2010	9	28,328	11,441	28,331
2010	10	28,321	11,605	28,328
2010	11	28,233	11,711	28,321
2010	12	28,249	11,811	28,233
2011	1	28,242	11,907	28,249
2011	2	28,252	11,990	28,242
2011	3	28,296	12,063	28,252
2011	4	28,313	12,121	28,296
2011	5	28,265	12,178	28,313
2011	6	28,318	12,229	28,265
2011	7	28,339	12,249	28,318
2011	8	28,355	12,308	28,339
2011	9	28,417	12,380	28,355
2011	10	28,363	12,478	28,417
2011	11	28,356	12,567	28,363
2011	12	28,326	12,660	28,356
2012	1	28,350	12,802	28,326
2012	2	28,356	12,866	28,350
2012	3	28,479	12,900	28,356
2012	4	28,522	12,841	28,479
2012	5	28,516	12,857	28,522
2012	6	28,537	12,887	28,516
2012	7	28,546	12,937	28,537
2012	8	28,614	12,992	28,546
2012	9	28,717	13,057	28,614
2012	10	28,684	13,140	28,717
2012	11	28,695	13,222	28,684

Year	Month	Small Commercial Customers Model Output	Gulf Share of Florida Retail Sales (millions)	One Period Lag of Small Commercial Customers
2012	12	28,671	13,311	28,695
2013	1	28,661	13,447	28,671
2013	2	28,793	13,517	28,661
2013	3	28,872	13,562	28,793
2013	4	28,974	13,533	28,872
2013	5	29,105	13,566	28,974
2013	6	29,108	13,610	29,105
2013	7	29,128	13,691	29,108
2013	8	29,165	13,742	29,128
2013	9	29,254	13,788	29,165
2013	10	29,285	13,814	29,254
2013	11	29,379	13,857	29,285
2013	12	29,455	13,904	29,379
2014	1	29,490	13,919	29,455
2014	2	29,583	14,001	29,490
2014	3	29,642	14,112	29,583
2014	4	29,647	14,332	29,642
2014	5	29,666	14,446	29,647
2014	6	29,781	14,530	29,666
2014	7	29,839	14,558	29,781
2014	8	29,902	14,607	29,839
2014	9	29,868	14,649	29,902
2014	10	29,866	14,688	29,868
2014	11	29,882	14,711	29,866
2014	12	29,908	14,723	29,882
2015	1	30,016	14,665	29,908
2015	2	30,105	14,697	30,016
2015	3	30,198	14,762	30,105
2015	4	30,091	14,920	30,198
2015	5	30,093	15,002	30,091
2015	6	30,013	15,070	30,093
2015	7	30,134	15,131	30,013
2015	8	30,195	15,164	30,134
2015	9	30,308	15,176	30,195
2015	10	30,822	15,132	30,308
2015	11	31,372	15,129	30,822
2015	12	31,408	15,132	31,372
2016	1	31,463	15,134	31,408
2016	2	31,609	15,154	31,463
2016	3	31,687	15,185	31,609
2016	4	31,699	15,239	31,687
2016	5	31,735	15,282	31,699
2016	6	31,794	15,327	31,735

Year	Month	Small Commercial Customers Model Ouput	Gulf Share of Florida Retail Sales (millions)	One Period Lag of Small Commercial Customers
2016	7	31,834	15,376	31,794
2016	8	31,828	15,423	31,834
2016	9	31,864	15,472	31,828
2016	10	31,929	15,503	31,864
2016	11	31,941	15,566	31,929
2016	12	31,968	15,641	31,941
2017	1	32,063	15,776	31,968
2017	2	32,115	15,843	32,063
2017	3	32,225	15,889	32,115
2017	4	32,197	15,866	32,225
2017	5	32,257	15,906	32,197
2017	6	32,226	15,960	32,257
2017	7	32,148	16,017	32,226
2017	8	32,283	16,110	32,148
2017	9	32,454	16,227	32,283
2017	10	32,397	16,440	32,454
2017	11	32,499	16,551	32,397
2017	12	32,509	16,633	32,499
2018	1	32,530	16,632	32,509
2018	2	32,587	16,693	32,530
2018	3	32,798	16,764	32,587
2018	4	32,776	16,884	32,798
2018	5	32,860	16,942	32,776
2018	6	32,910	16,979	32,860
2018	7	32,832	16,962	32,910
2018	8	32,877	16,979	32,832
2018	9	33,021	16,999	32,877
2018	10	32,921	17,023	33,021
2018	11	32,687	17,044	32,921
2018	12	32,754	17,065	32,687
2019	1	32,729	17,059	32,754
2019	2	32,571	17,101	32,729
2019	3	32,274	17,164	32,571
2019	4	32,658	17,289	32,274
2019	5	32,740	17,362	32,658
2019	6	32,804	17,425	32,740
2019	7	32,821	17,477	32,804
2019	8	32,941	17,519	32,821
2019	9	32,961	17,553	32,941
2019	10	33,115	17,604	32,961
2019	11	33,253	17,598	33,115
2019	12	33,311	17,562	33,253
2020	1	33,281	17,593	33,311

Year	Month	Small Commercial Customers Model Ouput	Gulf Share of Florida Retail Sales (millions)	One Period Lag of Small Commercial Customers
2020	2	33,219	17,427	33,281
2020	3	33,182	17,158	33,219
2020	4	33,075	16,363	33,182
2020	5	33,183	16,210	33,075
2020	6	33,418	16,275	33,183
2020	7	33,495	16,969	33,418
2020	8	33,512	17,162	33,495
2020	9	33,530	17,265	33,512
2020	10	33,545	17,135	33,530
2020	11	33,561	17,163	33,545
2020	12	33,577	17,206	33,561
2021	1	33,595	17,296	33,577
2021	2	33,613	17,348	33,595
2021	3	33,631	17,394	33,613
2021	4	33,649	17,421	33,631
2021	5	33,668	17,462	33,649
2021	6	33,687	17,506	33,668
2021	7	33,706	17,548	33,687
2021	8	33,726	17,601	33,706
2021	9	33,746	17,661	33,726
2021	10	33,767	17,739	33,746
2021	11	33,789	17,803	33,767
2021	12	33,812	17,866	33,789
2022	1	33,835	17,922	33,812
2022	2	33,858	17,984	33,835
2022	3	33,883	18,048	33,858
2022	4	33,907	18,111	33,883
2022	5	33,933	18,179	33,907
2022	6	33,959	18,250	33,933
2022	7	33,985	18,327	33,959
2022	8	34,013	18,400	33,985
2022	9	34,041	18,472	34,013
2022	10	34,069	18,542	34,041
2022	11	34,099	18,615	34,069
2022	12	34,129	18,689	34,099
2023	1	34,159	18,768	34,129
2023	2	34,190	18,841	34,159
2023	3	34,222	18,912	34,190
2023	4	34,254	18,980	34,222
2023	5	34,287	19,048	34,254
2023	6	34,320	19,115	34,287
2023	7	34,354	19,180	34,320
2023	8	34,387	19,245	34,354

Year	Month	Small Commercial Customers	Model Ouput	Gulf Share of Florida Retail Sales (millions)	One Period Lag of Small Commercial Customers
2023	9	34,422		19,309	34,387
2023	10	34,456		19,371	34,422
2023	11	34,491		19,434	34,456
2023	12	34,526		19,497	34,491

FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)
 DOCKET NO. 20210015-EI
 MFR NO. F-7
 ATTACHMENT 27 OF 29

Year	Month	Small Commercial Sales (MWh)	Small Commercial Customers	Small Commercial Use Per Customer per Bill Day (kWh)	Bill Day Cooling Degree Hours Base 67-75	Bill Day Cooling Degree Hours Base 75	Bill Day Heating Degree Hours Base 59	Real Electric Price Increase 12 Month Average Cents/kWh	Commercial Codes and Standards (kWh/Cust)	Indicator Variable for January	Indicator Variable for October	Indicator Variable for December	Indicator Variable for February 2007	Indicator Variable for 2014 Ice Storm	Indicator Variable for February 2018	Indicator Variable for April 2020	Indicator Variable for May 2020	Indicator Variable for June 2020	Indicator Variable for July 2020	Bill Days
2006	8	35,646	30,100	38.437	2.93	352.14	0.00	9.165	29.944	0	0	0	0	0	0	0	0	0	0	30.810
2006	9	33,763	30,010	36.630	10.37	309.45	0.00	9.182	27.999	0	0	0	0	0	0	0	0	0	0	30.714
2006	10	27,016	29,894	30.462	33.68	158.49	2.61	9.211	26.746	0	1	0	0	0	0	0	0	0	0	29.667
2006	11	22,234	29,883	24.841	23.67	20.39	47.39	9.235	17.579	0	0	0	0	0	0	0	0	0	0	29.952
2006	12	23,860	29,861	25.657	5.25	0.00	145.28	9.257	10.467	0	0	1	0	0	0	0	0	0	0	31.143
2007	1	25,028	29,820	26.150	1.33	0.00	118.80	9.323	33.251	1	0	0	0	0	0	0	0	0	0	32.095
2007	2	25,163	29,708	28.414	1.13	0.00	224.62	9.382	25.077	0	0	0	1	0	0	0	0	0	0	29.810
2007	3	22,130	29,751	24.795	8.58	0.65	96.63	9.446	31.610	0	0	0	0	0	0	0	0	0	0	30.000
2007	4	22,095	29,724	24.239	34.42	15.17	31.46	9.513	36.064	0	0	0	0	0	0	0	0	0	0	30.667
2007	5	23,763	29,737	26.893	48.64	85.88	7.56	9.588	45.749	0	0	0	0	0	0	0	0	0	0	29.714
2007	6	28,427	29,781	31.175	40.05	204.13	0.00	9.659	51.779	0	0	0	0	0	0	0	0	0	0	30.619
2007	7	32,729	29,849	35.644	9.39	334.07	0.00	9.731	61.202	0	0	0	0	0	0	0	0	0	0	30.762
2007	8	35,006	29,892	38.069	5.03	373.98	0.00	9.802	66.219	0	0	0	0	0	0	0	0	0	0	30.762
2007	9	34,015	29,900	36.924	7.12	346.70	0.00	9.867	63.799	0	0	0	0	0	0	0	0	0	0	30.810
2007	10	27,991	29,836	31.776	29.52	211.48	2.28	9.924	60.591	0	1	0	0	0	0	0	0	0	0	29.524
2007	11	22,059	29,717	24.704	26.94	29.82	35.70	9.983	46.659	0	0	0	0	0	0	0	0	0	0	30.048
2007	12	21,028	29,567	22.801	11.41	0.03	83.25	10.043	36.002	0	0	1	0	0	0	0	0	0	0	31.191
2008	1	24,848	29,484	26.258	5.79	0.00	178.30	10.022	56.173	1	0	0	0	0	0	0	0	0	0	32.095
2008	2	24,135	29,377	27.560	3.55	0.00	173.22	10.002	57.587	0	0	0	0	0	0	0	0	0	0	29.810
2008	3	20,983	29,414	23.779	4.49	0.00	101.09	9.983	63.118	0	0	0	0	0	0	0	0	0	0	30.000
2008	4	21,123	29,401	23.760	26.23	6.00	33.85	9.958	67.752	0	0	0	0	0	0	0	0	0	0	30.238
2008	5	22,135	29,390	25.469	51.37	69.42	6.83	9.935	80.843	0	0	0	0	0	0	0	0	0	0	29.571
2008	6	29,136	29,318	32.406	18.40	296.75	0.00	9.906	94.363	0	0	0	0	0	0	0	0	0	0	30.667
2008	7	30,933	29,388	34.376	2.36	365.78	0.00	9.878	96.785	0	0	0	0	0	0	0	0	0	0	30.619
2008	8	31,471	29,255	34.862	0.00	386.85	0.00	9.851	100.689	0	0	0	0	0	0	0	0	0	0	30.857
2008	9	30,142	29,085	33.533	6.52	332.69	0.00	9.921	102.907	0	0	0	0	0	0	0	0	0	0	30.905
2008	10	24,428	28,966	27.500	44.26	129.83	2.48	10.010	94.356	0	1	0	0	0	0	0	0	0	0	30.667
2008	11	19,625	28,880	23.665	20.22	13.11	54.98	10.112	75.098	0	0	0	0	0	0	0	0	0	0	28.714
2008	12	20,858	28,750	23.367	8.58	1.22	142.23	10.212	53.978	0	0	1	0	0	0	0	0	0	0	31.048
2009	1	21,411	28,681	23.122	7.92	0.00	131.74	10.404	66.674	1	0	0	0	0	0	0	0	0	0	32.286
2009	2	22,297	28,585	26.084	0.92	0.00	200.73	10.602	58.659	0	0	0	0	0	0	0	0	0	0	29.905
2009	3	19,465	28,593	23.170	9.17	0.00	102.86	10.800	72.229	0	0	0	0	0	0	0	0	0	0	29.381
2009	4	18,775	28,618	21.628	22.66	0.86	16.15	11.004	87.830	0	0	0	0	0	0	0	0	0	0	30.333
2009	5	21,309	28,602	24.716	53.06	79.74	3.78	11.202	103.361	0	0	0	0	0	0	0	0	0	0	30.143
2009	6	27,055	28,580	31.013	42.53	219.72	0.00	11.410	112.742	0	0	0	0	0	0	0	0	0	0	30.524
2009	7	30,680	28,561	35.028	3.54	377.94	0.00	11.595	127.906	0	0	0	0	0	0	0	0	0	0	30.667
2009	8	29,011	28,545	33.193	8.62	316.87	0.00	11.783	134.777	0	0	0	0	0	0	0	0	0	0	30.619
2009	9	25,963	28,539	29.528	24.26	245.57	0.00	11.878	126.232	0	0	0	0	0	0	0	0	0	0	30.810
2009	10	24,623	28,542	29.079	26.27	207.78	7.82	11.949	129.670	0	1	0	0	0	0	0	0	0	0	29.667
2009	11	17,864	28,489	21.910	14.95	46.26	33.57	12.017	114.126	0	0	0	0	0	0	0	0	0	0	28.619
2009	12	19,915	28,461	22.607	3.80	0.07	134.41	12.079	83.557	0	1	0	0	0	0	0	0	0	0	30.952
2010	1	26,831	28,493	29.125	1.50	0.00	312.80	12.081	81.761	1	0	0	0	0	0	0	0	0	0	32.333
2010	2	24,214	28,500	28.366	0.16	0.00	261.83	12.082	76.844	0	0	0	0	0	0	0	0	0	0	29.952
2010	3	21,998	28,566	26.210	0.03	0.00	220.61	12.082	78.804	0	0	0	0	0	0	0	0	0	0	29.381
2010	4	17,662	28,598	20.139	17.47	2.14	37.79	12.090	97.544	0	0	0	0	0	0	0	0	0	0	30.667
2010	5	20,196	28,593	23.963	54.20	66.46	0.73	12.102	138.743	0	0	0	0	0	0	0	0	0	0	29.476
2010	6	26,570	28,509	30.203	22.57	271.04	0.00	12.109	157.091	0	0	0	0	0	0	0	0	0	0	30.857
2010	7	28,883	28,405	33.312	0.52	368.44	0.00	12.144	172.637	0	0	0	0	0	0	0	0	0	0	30.524
2010	8	30,596	28,331	35.106	0.35	412.68	0.00	12.172	174.282	0	0	0	0	0	0	0	0	0	0	30.762
2010	9	28,201	28,328	32.311	10.83	330.58	0.00	12.200	169.117	0	0	0	0	0	0	0	0	0	0	30.810
2010	10	22,322	28,321	26.567	30.35	171.07	1.28	12.237	154.008	0	1	0	0	0	0	0	0	0	0	29.667
2010	11	18,583	28,233	22.116	30.84	47.31	27.86	12.259	126.181	0	0	0	0	0	0	0	0	0	0	29.762
2010	12	20,380	28,249	23.095	15.19	0.10	180.03	12.288	92.104	0	0	1	0	0	0	0	0	0	0	31.238
2011	1	25,164	28,242	27.475	0.20	0.00	275.86	12.245	90.854	1	0	0	0	0	0	0	0	0	0	32.430
2011	2	23,645	28,252	28.076	1.70	0.16	242.11	12.198	98.269	0	0	0	0	0	0	0	0	0	0	29.810
2011	3	17,667	28,296	21.250	12.99	4.06	74.09	12.158	124.617	0	0	0	0	0	0	0	0	0	0	29.381
2011	4	18,075	28,313	21.488	44.40	32.39	14.24	12.101	147.356	0	0	0	0	0	0	0	0	0	0	29.710
2011	5	21,074	28,265	24.390	51.62	93.97	2.07	12.037	168.995	0	0	0	0	0	0	0	0	0	0	30.570
2011	6	26,445	28,318	30.409	18.97	288.32	0.62	11.977	182.685	0	0	0	0	0	0	0	0	0	0	30.710
2011	7	28,486	28,339	32.881	4.29	385.85	0.00	11.915	192.367	0	0	0	0	0	0	0	0	0	0	30.570
2011	8	29,077	28,355	33.229	2.80	385.20	0.00	11.856	202.360	0	0	0	0	0	0	0	0	0	0	30.860
2011	9	26,547	28,417	30.420	15.23	311.15	0.00	11.807	192.405	0	0	0	0	0	0	0	0	0	0	30.710
2011	10	21,308	28,363	25.364	40.23	41.13	111.79	11.783	182.331	0	1	0	0	0	0	0	0	0	0	29.620
2011	11	17,439	28,356	20.535	24.78	11.87	41.11	11.764	143.635	0	0	0	0	0	0	0	0	0	0	29.950
2011	12	18,552	28,326	21.196	15.06	1.08	105.31	11.739	129.027	0	0	1	0	0	0	0	0	0	0	30.900
2012	1	18,896	28,350	20.465	6.91	0.00	106.81	11.721	126.689	1	0	0	0	0	0	0	0	0	0	32.570
2012	2	18,183	28,356	21.510	7.91	0.00	82.97	11.759	136.592	0	0	0	0	0	0	0	0	0	0	29.810
2012	3	17,253	28,479	20.620	24.89	5.05	42.34	11.730	161.678	0	0									

FLORIDA POWER & LIGHT COMPANY
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Year	Month	Small Commercial Sales (MWh)	Small Commercial Customers	Small Commercial Use Per Customer per Bill Day (kWh)	Bill Day Cooling Hours Base 67-75	Bill Day Cooling Degree Hours Base 75	Bill Day Heating Degree Hours Base 59	Real Electric Price Increase 12 Month Average Cents/kWh	Commercial Codes and Standards (kWh/Cust)	Indicator Variable for January	Indicator Variable for October	Indicator Variable for December	Indicator Variable for February 2007	Indicator Variable for 2014 Ice Storm	Indicator Variable for February 2018	Indicator Variable for April 2020	Indicator Variable for May 2020	Indicator Variable for June 2020	Indicator Variable for July 2020	Bill Days
2012	12	17,979	28,671	20.294	9.68	0.50	79.44	11.118	141.322	0	0	1	0	0	0	0	0	0	0	30.900
2013	1	20,626	28,661	22.288	12.24	0.00	146.37	11.053	164.625	1	0	0	0	0	0	0	0	0	0	32.290
2013	2	18,220	28,793	21.227	12.83	0.00	92.51	10.937	158.765	0	0	0	0	0	0	0	0	0	0	29.810
2013	3	18,620	28,872	21.847	4.00	0.45	120.11	10.877	164.513	0	0	0	0	0	0	0	0	0	0	29.520
2013	4	18,382	28,974	20.659	27.32	5.20	48.71	10.815	177.432	0	0	0	0	0	0	0	0	0	0	30.710
2013	5	18,425	29,105	21.445	56.26	35.70	8.20	10.747	221.195	0	0	0	0	0	0	0	0	0	0	29.520
2013	6	24,653	29,108	27.660	25.12	248.12	0.59	10.673	236.416	0	0	0	0	0	0	0	0	0	0	30.620
2013	7	26,836	29,128	30.000	5.44	324.14	0.00	10.677	262.519	0	0	0	0	0	0	0	0	0	0	30.710
2013	8	27,021	29,165	30.397	4.44	338.07	0.00	10.679	272.204	0	0	0	0	0	0	0	0	0	0	30.480
2013	9	27,061	29,254	29.705	9.03	313.16	0.00	10.679	259.327	0	0	0	0	0	0	0	0	0	0	31.140
2013	10	23,959	29,285	26.597	35.25	185.73	0.67	10.672	252.934	0	1	0	0	0	0	0	0	0	0	30.760
2013	11	17,501	29,379	20.815	28.91	29.45	23.36	10.671	238.713	0	0	0	0	0	0	0	0	0	0	28.620
2013	12	19,245	29,455	20.914	18.66	3.99	121.52	10.671	190.753	0	0	1	0	0	0	0	0	0	0	31.240
2014	1	24,040	29,490	25.285	8.03	0.52	236.03	10.741	198.480	1	0	0	0	0	0	0	0	0	0	32.240
2014	2	24,630	29,583	27.929	1.01	0.00	241.71	10.801	186.080	0	0	0	0	1	0	0	0	0	0	29.810
2014	3	19,080	29,642	21.834	3.36	0.00	110.20	10.876	215.470	0	0	0	0	0	0	0	0	0	0	29.480
2014	4	17,913	29,647	20.174	22.65	3.39	32.47	10.951	224.265	0	0	0	0	0	0	0	0	0	0	29.950
2014	5	20,126	29,666	22.332	44.30	81.63	4.87	11.015	269.068	0	0	0	0	0	0	0	0	0	0	30.380
2014	6	25,660	29,781	28.096	33.72	226.47	0.12	11.083	281.887	0	0	0	0	0	0	0	0	0	0	30.667
2014	7	28,752	29,839	31.469	8.45	324.72	0.00	11.149	305.254	0	0	0	0	0	0	0	0	0	0	30.619
2014	8	29,264	29,902	32.062	12.94	297.06	0.00	11.217	324.002	0	0	0	0	0	0	0	0	0	0	30.524
2014	9	30,230	29,868	32.060	14.45	297.11	0.00	11.283	311.234	0	0	0	0	0	0	0	0	0	0	31.238
2014	10	23,805	29,866	25.991	45.86	119.60	1.20	11.364	291.639	0	1	0	0	0	0	0	0	0	0	30.667
2014	11	18,698	29,882	21.792	22.81	21.79	72.86	11.440	247.627	0	0	0	0	0	0	0	0	0	0	28.714
2014	12	20,228	29,908	21.783	4.42	0.00	138.06	11.525	203.604	0	0	1	0	0	0	0	0	0	0	31.048
2015	1	22,269	30,016	22.979	3.46	0.00	181.12	11.582	218.976	1	0	0	0	0	0	0	0	0	0	32.286
2015	2	22,542	30,105	25.039	0.54	0.00	210.01	11.639	189.249	0	0	0	0	0	0	0	0	0	0	29.905
2015	3	21,493	30,198	24.224	13.78	4.38	151.04	11.686	250.779	0	0	0	0	0	0	0	0	0	0	29.381
2015	4	20,112	30,091	21.794	61.06	19.14	12.73	11.724	269.802	0	0	0	0	0	0	0	0	0	0	30.667
2015	5	21,993	30,093	24.516	54.91	94.99	0.01	11.765	308.715	0	0	0	0	0	0	0	0	0	0	29.810
2015	6	26,780	30,013	29.232	28.27	242.02	0.00	11.811	323.216	0	0	0	0	0	0	0	0	0	0	30.524
2015	7	30,068	30,134	32.537	4.68	354.67	0.00	11.859	345.586	0	0	0	0	0	0	0	0	0	0	30.667
2015	8	31,279	30,195	33.832	1.47	386.80	0.00	11.905	347.133	0	0	0	0	0	0	0	0	0	0	30.619
2015	9	28,760	30,308	30.799	14.60	295.09	0.00	11.959	339.675	0	0	0	0	0	0	0	0	0	0	30.810
2015	10	23,109	30,822	25.272	41.64	119.77	0.13	12.013	328.471	0	1	0	0	0	0	0	0	0	0	29.667
2015	11	21,133	31,372	22.634	53.82	44.53	8.05	12.055	309.745	0	0	0	0	0	0	0	0	0	0	29.762
2015	12	20,317	31,408	20.708	23.86	5.71	47.23	12.103	263.753	0	0	1	0	0	0	0	0	0	0	31.238
2016	1	23,200	31,463	22.738	19.56	4.25	141.59	12.063	264.855	1	0	0	0	0	0	0	0	0	0	32.429
2016	2	23,584	31,609	25.029	3.46	0.00	166.46	12.024	222.036	0	0	0	0	0	0	0	0	0	0	29.810
2016	3	20,126	31,687	21.409	17.21	1.69	60.11	11.991	264.377	0	0	0	0	0	0	0	0	0	0	29.667
2016	4	19,398	31,699	20.080	38.08	8.17	9.82	11.961	293.765	0	0	0	0	0	0	0	0	0	0	30.476
2016	5	22,196	31,735	23.690	46.99	101.24	0.14	11.925	332.622	0	0	0	0	0	0	0	0	0	0	29.524
2016	6	28,424	31,794	29.107	21.83	267.06	0.00	11.883	360.014	0	0	0	0	0	0	0	0	0	0	30.714
2016	7	32,964	31,834	33.872	1.74	384.06	0.00	11.836	402.690	0	0	0	0	0	0	0	0	0	0	30.571
2016	8	33,343	31,828	33.950	0.24	382.25	0.00	11.790	406.816	0	0	0	0	0	0	0	0	0	0	30.857
2016	9	31,892	31,864	32.587	1.02	362.44	0.00	11.740	396.238	0	0	0	0	0	0	0	0	0	0	30.714
2016	10	27,509	31,929	29.089	26.94	0.26	11.682	11.682	390.426	0	1	0	0	0	0	0	0	0	0	29.619
2016	11	22,080	31,941	23.079	38.41	67.44	8.02	11.630	317.111	0	0	0	0	0	0	0	0	0	0	29.952
2016	12	20,549	31,968	20.577	22.42	7.22	62.64	11.582	281.584	0	0	1	0	0	0	0	0	0	0	31.238
2017	1	22,319	32,063	21.592	27.31	0.00	98.28	11.541	295.153	1	0	0	0	0	0	0	0	0	0	32.238
2017	2	20,092	32,115	20.987	20.81	1.36	59.66	11.502	265.950	0	0	0	0	0	0	0	0	0	0	29.810
2017	3	19,356	32,225	20.443	27.58	8.99	35.12	11.457	299.135	0	0	0	0	0	0	0	0	0	0	29.381
2017	4	21,815	32,197	22.442	43.05	36.24	15.50	11.406	315.089	0	0	0	0	0	0	0	0	0	0	30.190
2017	5	23,703	32,257	24.377	37.02	118.94	1.20	11.359	366.312	0	0	0	0	0	0	0	0	0	0	30.143
2017	6	27,726	32,226	28.055	18.12	228.83	0.13	11.320	392.957	0	0	0	0	0	0	0	0	0	0	30.667
2017	7	31,229	32,148	31.676	2.28	326.96	0.00	11.320	436.280	0	0	0	0	0	0	0	0	0	0	30.667
2017	8	32,602	32,283	33.137	0.00	352.28	0.00	11.318	449.280	0	0	0	0	0	0	0	0	0	0	30.476
2017	9	30,908	32,454	30.674	6.35	292.78	0.00	11.318	425.038	0	0	0	0	0	0	0	0	0	0	31.048
2017	10	27,587	32,397	28.702	13.94	254.18	0.87	11.311	435.444	0	1	0	0	0	0	0	0	0	0	29.667
2017	11	20,788	32,499	22.276	26.97	60.73	20.99	11.313	364.174	0	0	0	0	0	0	0	0	0	0	28.714
2017	12	21,566	32,509	21.301	15.18	0.00	90.49	11.309	305.380	0	0	1	0	0	0	0	0	0	0	31.143
2018	1	28,443	32,530	27.243	10.24	0.00	254.91	11.360	280.568	1	0	0	0	0	0	0	0	0	0	32.095
2018	2	24,353	32,587	25.069	12.26	1.00	133.60	11.426	305.699	0	0	0	0	0	1	0	0	0	0	29.810
2018	3	20,032	32,798	20.788	42.66	4.95	30.98	11.494	347.186	0	0	0	0	0	0	0	0	0	0	29.381
2018	4	20,901	32,776	20.666	34.39	8.36	24.79	11.483	330.866	0	0	0	0	0	0	0	0	0	0	30.857
2018	5	24,177	32,860	23.918	42.76	109.89	3.92	11.461	380.459	0	0	0	0	0	0	0	0	0	0	30.762
2018	6	30,253	32,910	29.883	18.72	285.80	0.00	11.430	417.052	0	0	0	0	0	0	0	0	0	0	30.762
2018	7	34,070	32,832	33.734	2.44															

Year	Summer Peak (MW)	Customers	Summer Peak Per Customer (KW/Cust)	Weighted Per Capita Income (\$1,000's)	Codes and Standards Degrees	Cooling Degree Hours Base 65	Adjustment for Private		Adjustment for Electric Vehicles (MW)	Adjustment for DSM (MW)
							Solar (MW)	Adjustment for DSM (MW)		
1996	1,969	331,448	5.941	13.6	0.00	363,000	0	0	0	0
1997	2,040	341,879	5.967	14.1	0.00	401,000	0	0	0	0
1998	2,154	352,137	6.117	15.0	0.00	342,000	0	0	0	0
1999	2,160	361,922	5.968	15.4	0.00	361,000	0	0	0	0
2000	2,280	368,614	6.185	16.3	0.00	414,000	0	0	0	0
2001	2,223	375,408	5.920	16.3	0.00	297,200	0	0	0	0
2002	2,453	382,319	6.416	16.1	0.00	381,300	0	0	0	0
2003	2,267	390,440	5.806	16.1	0.00	269,300	0	0	0	0
2004	2,422	402,488	6.018	16.9	0.00	325,900	0	0	0	0
2005	2,426	405,210	5.987	17.9	0.01	342,700	0	0	0	0
2006	2,474	415,778	5.951	18.8	0.04	271,700	0	0	0	0
2007	2,625	428,526	6.125	18.7	0.08	355,200	0	0	0	0
2008	2,533	430,647	5.881	17.1	0.14	366,600	0	0	0	0
2009	2,537	428,966	5.914	15.0	0.18	417,900	0	0	0	0
2010	2,516	430,790	5.841	15.4	0.22	372,300	0	0	0	0
2011	2,526	433,561	5.827	15.6	0.26	338,100	0	0	0	0
2012	2,351	435,069	5.404	15.9	0.30	334,200	0	0	0	0
2013	2,362	438,594	5.385	15.7	0.35	261,400	0	0	0	0
2014	2,437	442,891	5.502	16.6	0.41	254,900	0	0	0	0
2015	2,495	448,447	5.564	17.7	0.48	333,700	0	0	0	0
2016	2,508	454,071	5.523	17.9	0.54	309,300	0	0	0	0
2017	2,434	459,707	5.295	18.4	0.60	281,500	0	0	0	0
2018	2,491	465,733	5.349	19.1	0.67	319,400	0	0	0	0
2019	2,472	466,788	5.296	19.6	0.73	365,000	0	0	0	0
2020	2,410	471,339	5.075	19.2	0.78	318,000	0	0	0	0
2021	2,455	474,923	5.194	18.6	0.81	325,780	-6	1	-6	-6
2022	2,427	479,106	5.118	19.3	0.86	325,780	-11	1	-16	-16
2023	2,441	483,973	5.122	20.0	0.88	325,780	-15	3	-26	-26

Year	Winter Peak from Model (MW)	Minimum Winter Peak Temperature Degrees	Customers	Codes and Standards Base 65	Indicator Variable for 2017 (MW)	Adjustment for Private Solar (MW)	Adjustment for Electric Vehicles (MW)	Adjustment for DSM (MW)
1995	1,740	28.0	323,016	0.00	0	0	0	0
1996	2,144	16.0	326,535	0.00	0	0	0	0
1997	1,939	21.0	334,832	0.00	0	0	0	0
1998	1,692	32.0	345,377	0.00	0	0	0	0
1999	2,093	20.0	354,987	0.00	0	0	0	0
2000	1,904	27.0	364,198	0.00	0	0	0	0
2001	2,153	24.1	370,979	0.00	0	0	0	0
2002	2,183	23.0	377,404	0.00	0	0	0	0
2003	2,492	18.0	385,131	0.00	0	0	0	0
2004	2,063	28.0	395,410	0.00	0	0	0	0
2005	2,123	28.0	397,540	0.00	0	0	0	0
2006	2,065	30.0	411,312	0.00	0	0	0	0
2007	2,217	27.0	421,784	0.01	0	0	0	0
2008	2,363	23.0	428,642	0.04	0	0	0	0
2009	2,312	27.0	427,959	0.05	0	0	0	0
2010	2,544	21.0	428,979	0.06	0	0	0	0
2011	2,487	23.0	430,874	0.08	0	0	0	0
2012	2,131	28.9	432,660	0.09	0	0	0	0
2013	1,766	36.0	434,846	0.11	0	0	0	0
2014	2,694	19.0	439,785	0.13	0	0	0	0
2015	2,492	19.0	444,593	0.16	0	0	0	0
2016	2,043	27.5	450,031	0.19	0	0	0	0
2017	2,211	26.1	455,852	0.22	1	0	0	0
2018	2,809	21.0	462,663	0.24	0	0	0	0
2019	2,066	34.0	462,872	0.27	0	0	0	0
2020	2,129	32.0	468,735	0.30	0	0	0	0
2021	2,439	25.8	473,217	0.32	0	-1.3	0.2	-0.4
2022	2,413	25.8	476,950	0.34	0	-2.2	0.5	-6.3
2023	2,424	25.8	481,587	0.36	0	-3.0	1.0	-12.8

FLORIDA PUBLIC SERVICE COMMISSION

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COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Liz Fuentes, Thomas Broad,
 Robert Coffey, Jun K. Park

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	I. SALES, CUSTOMERS, NET ENERGY FOR LOAD							
2	GENERAL ASSUMPTIONS							FPL
3								<u>2022</u>
4								
5	A. Households (Florida)							8,573,140
6								
7	B. Employment (Florida)							9,006,668
8								
9	C. Unemployment Rate (Florida)							6.61
10								
11	D. Florida Real Income per Household							111,863
12								
13	E. Real Electric Price Increase (12-month moving average)							17.45
14								
15	F. FPL Service Territory Cooling Degree Hours per Bill Day (Base 72 Degree Temperature)							1,665.16
16								
17	G. FPL Service Territory Cooling Degree Hours per Bill Day (Base 72-80 Degree Temperature)							1,281.86
18								
19	H. FPL Service Territory Cooling Degree Hours per Bill Day (Base 80 Degree Temperature)							383.30
20								
21	I. FPL Service Territory Cooling Degree Hours per Bill Day (Base 66 Degree Temperature)							3,086.62
22								
23	J. FPL Service Territory Heating Degree Days per Bill Day (Base 56 Degree Temperature)							53.47
24								
25	K. Energy Efficiency Codes and Standards per Residential Customer (MWh)							-1.03
26								
27	L. Energy Efficiency Codes and Standards per Commercial Customer (MWh)							-5.43
28								
29								GULF
30								<u>2022</u>
31								
32	M. Households (Florida, weighted by area population)							395,031
33								
34	N. Retail Sales (Florida, weighted by area population)							219,537,063
35								
36	O. Real Electric Price Increase (12-month moving average)							17.06
37								
38	P. Real Electric Price (12-month moving average)							10.81
39								
40	Q. Gulf Service Territory Cooling Degree Hours per Bill Day (Base 67-75 Degree Temperature)							228.79
41								

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Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	I. SALES, CUSTOMERS, NET ENERGY FOR LOAD								
2	GENERAL ASSUMPTIONS								
3								GULF	
4								<u>2022</u>	
5								1,242.81	
6									
7								343.33	
8									
9								153.69	
10									
11								484.64	
12									
13								1,585.65	
14									
15								638.33	
16									
17								578.75	
18									
19								2,594.22	
20									
21								-0.66	
22									
23								-0.63	
24									
25	AB. 2022 Sales by Revenue Class - Most likely (in Million KWH)								
26									
27	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Highway Lighting</u>	<u>Other</u>	<u>Railroads</u>	<u>Total Retail</u>	<u>Sales for Resale</u>	<u>Total</u> ¹
28									
29	65,361	51,411	4,858	362	20	85	122,097	7,130	129,226
30									
31	AC. 2022 Customers by Revenue Class								
32									
33	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Highway Lighting</u>	<u>Other</u>	<u>Railroads</u>	<u>Total Retail</u>	<u>Sales for Resale</u>	<u>Total</u> ¹
34									
35	5,057,606	640,371	13,115	6,239	164	27	5,717,522	12	5,717,534
36									
37									
38									
39									
40									
41	¹ Totals may not add-up due to rounding.								

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Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	I. SALES, CUSTOMERS, NET ENERGY FOR LOAD								
2	GENERAL ASSUMPTIONS								
3									
4	AD. 2022 Net Change in Customers by Revenue Class								
5									
6	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Highway Lighting</u>	<u>Other</u>	<u>Railroads</u>	<u>Total Retail</u>	<u>Sales for Resale</u>	<u>Total</u> ²
7									
8	46,896	6,407	178	372	0	0	53,853	-2	53,851
9									
10	AE. Most Likely Forecast of Monthly Net Energy for Load (Million KWH)								
11	<u>2022</u>								
12	January	10,037							
13	February	9,182							
14	March	9,963							
15	April	10,370							
16	May	11,850							
17	June	12,635							
18	July	13,538							
19	August	13,617							
20	September	12,588							
21	October	11,736							
22	November	10,012							
23	December	<u>10,052</u>							
24	135,579								
25									
26	AF. Most Likely Forecast of System Monthly Peaks (Megawatts)								
27	<u>2022</u>								
28	January	22,436							
29	February	20,503							
30	March	20,527							
31	April	21,970							
32	May	24,487							
33	June	26,258							
34	July	26,686							
35	August	27,205							
36	September	26,102							
37	October	24,205							
38	November	21,224							
39	December	20,270							
40									
41	² average 2022 customers - average 2021 customers.								

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Line No.	(1)	(2)	(3)
1	II. INFLATION RATE FORECAST		
2	Most Likely Annual		
3	Rates of Change		
4	2022		
5	A.	1.67%	Consumer Price Index (CPI)
6			The CPI Measures the price change of a constant market basket of goods and services over time.
7			For company purposes it is a useful escalator for determining trends in wage contracts and income
8			payments, excluding construction work.
9			
10	III. FINANCING AND INTEREST RATE ASSUMPTIONS		
11			
12	<u>General Assumptions</u>		
13			
14	A. Target Capitalization Ratios		
15			During the projected test year, Florida Power & Light Company's investor sources of capitalization is projected to be approximately 59.6% equity and approximately 40.4% debt.
16			
17	B. Preferred Stock Premium and Underwriting Discount		
18			It is assumed that no preferred stock will be issued.
19			
20	C. First Mortgage Bond Prices and Underwriting Discount		
21			It is assumed that first mortgage bonds will be issued to the public at par with an underwriting commission of 0.875%.
22			
23	<u>Interest Rate Assumptions</u>		
24			<u>2022</u>
25	D. Long Term Debt		2.67%
26			
27	E. Short Term Debt - Excluding Commercial Paper		Although the Company maintains several lines of credit, the Company forecasts them at zero balance and includes the cost of having these lines of credit available in the cost rate.
28			
29			
30	F. Short Term Debt - 30-Day Commercial Paper		0.37%
31			
32	G. Pollution Control Bonds		0.47%
33			
34	H. Preferred Stock		No preferred stock outstanding.
35			
36			
37			
38			
39			
40			
41			

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Line No.	(1)	(2)	(3)	(4)	(5)	(6)
1	IV. IN SERVICE DATES OF MAJOR PROJECTS					
2	A.					
3	BUDGET					IN SERVICE
4	ITEM #	PROJECT DESCRIPTION				DATE*
5	UENC.00000119	Dania Beach Energy Center				Jun-22
6	UENC.00000106.60	Large Scale Solar Projects - 2022				Dec-22
7	UENC.00000106.62	Large Scale Solar Projects - 2023				Dec-23
8	UTRN.00000551	500 kV Rebuild			2022 - 2025	(Various In-Service Dates)
9	UTRN.00000660	Quarry to ClearSky				Dec-24
10	UENC.00022002	North Florida Resiliency Connection - Intangible				Jun-22
11	UTRN.00022067.06	Major Transmission Project - Argyle - Santa Rosa				Jun-23
12	UTRN.00022325	Major Transmission Project - Deaton Injection				Jun-22
13	UTRN.00022344	Major Transmission Project - Deaton Project				Dec-22
14						
15	V. MAJOR GENERATING UNIT OUTAGE ASSUMPTIONS					
16	A. Nuclear Maintenance Schedules (Including outage period and reason)					
17						
18						
19		2022		2022		
20	Unit	Outage Period		Outage Description		
21	St. Lucie Unit 1	9/3/2022 – 10/3/2022		Refueling		
22	Turkey Point Unit 4	3/12/2022 – 4/10/2022		Refueling, Eddy Current testing, 10 Year Reactor Vessel In-Service Inspection		
23						
24	B. Fossil Units Outage Schedule (including outage period and reason)					
25						
26		2022	2022		2022	
27	Unit	Outage Start	Outage End		Outage Description	
28	Martin 3	2/15/22	4/25/22		STEAM TURBINE MAJOR	
29	West County 2	4/1/22	6/9/22		COMBUSTION TURBINE MAJOR	
30	West County 2	4/1/22	6/9/22		COMBUSTION TURBINE MAJOR	
31	West County 2	4/1/22	6/9/22		COMBUSTION TURBINE MAJOR	
32	West County 2	4/1/22	6/9/22		STEAM TURBINE MAJOR / GENERATOR MAJOR	
33	Okeechobee 3	7/1/22	8/22/22		COMBUSTION TURBINE ROTOR SWAP	
34	West County 1	8/1/22	9/19/22		COMBUSTION TURBINE MAJOR / GENERATOR MAJOR	
35	West County 1	9/1/22	10/20/22		COMBUSTION TURBINE MAJOR / GENERATOR MAJOR	
36	West County 1	11/1/22	12/20/22		COMBUSTION TURBINE MAJOR / GENERATOR MAJOR	
37	West County 1	9/11/22	10/24/22		BALANCE OF PLANT INSPECTION	
38	Cape Canaveral 3	3/23/22	4/23/22		HOT GAS PATH	
39						
40						
41						

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Line No.	(1)	(2)	(3)	(4)	(5)
1	V. B.	Fossil Units Outage Schedule (including outage period and reason)			
2					
3					
4	Unit	2022 Outage Start	2022 Outage End	2022 Outage Description	
5	Cape Canaveral 3	5/1/22	6/1/22	HOT GAS PATH	
6	Port Everglades 5	3/7/22	4/3/22	GENERATOR MINOR / STEAM TURBINE VALVE OUTAGET / CYBERVULNARABILITY ASSESSMENT	
7	Manatee 3	7/1/22	7/28/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
8	Manatee 3	8/1/22	8/28/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
9	Port Everglades 5	10/1/22	10/28/22	COMBUSTOR INSPECTION	
10	Martin 3	2/15/22	3/9/22	HOT GAS PATH	
11	Martin 3	2/15/22	3/9/22	HOT GAS PATH	
12	Okeechobee 1	2/15/22	3/9/22	HOT GAS PATH	
13	Cape Canaveral 3	3/1/22	3/23/22	HOT GAS PATH	
14	Manatee 3	4/15/22	5/7/22	HOT GAS PATH	
15	Martin 8	5/1/22	5/23/22	HOT GAS PATH	
16	Manatee 3	6/1/22	6/23/22	HOT GAS PATH	
17	Okeechobee 2	9/5/22	9/27/22	HOT GAS PATH	
18	Martin 4	9/15/22	10/7/22	HOT GAS PATH	
19	Martin 8	11/1/22	11/23/22	HOT GAS PATH / GENERATOR MINOR	
20	Sanford 4	12/1/22	12/23/22	HOT GAS PATH	
21	Cape Canaveral 3	4/1/22	4/19/22	GENERATOR INSPECTION / BALANCE OF PLANT INSPECTION	
22	West County 3	4/7/22	4/22/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
23	West County 3	4/7/22	4/22/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
24	West County 3	4/7/22	4/22/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
25	West County 3	4/7/22	4/22/22	BALANCE OF PLANT INSPECTION	
26	Ft Myers 3	1/1/22	1/14/22	GENERATOR MINOR / RELIABILITY OUTAGE	
27	Ft Myers 3	1/1/22	1/14/22	GENERATOR MINOR / RELIABILITY OUTAGE	
28	Ft Myers 3	1/1/22	1/14/22	GENERATOR MINOR / RELIABILITY OUTAGE	
29	Ft Myers 3	3/1/22	3/14/22	GENERATOR MINOR / RELIABILITY OUTAGE	
30	Turkey Point 1	3/19/22	4/1/22	SYNCHRONOUS CONDENSER MAINTENANCE	
31	Sanford 5	4/15/22	4/28/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
32	Turkey Point 2	4/20/22	5/3/22	SYNCHRONOUS CONDENSER MAINTENANCE	
33	Sanford 5	4/30/22	5/13/22	GENERATOR MINOR	
34	Okeechobee	9/5/22	9/18/22	BALANCE OF PLANT INSPECTION	
35	Martin 4	9/15/22	9/28/22	GENERATOR MINOR	
36	Sanford 4	10/1/22	10/14/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
37	Martin 8	1/10/22	1/19/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
38	Martin 8	1/10/22	1/19/22	GENERATOR MINOR	
39	Port Everglades 5	2/7/22	2/16/22	HEAT RECOVERY STEAM GENERATOR INSPECTION	
40	Port Everglades 5	2/15/22	2/24/22	COMBUSTOR INSPECTION	
41					

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Line No.	(1)	(2)	(3)	(4)	(5)
1	V. B.	2022	2022		2022
2		Outage Start	Outage End		Outage Description
3	Martin 8	2/26/22	3/7/22		GENERATOR MINOR
4	Turkey Point 5	5/15/22	5/24/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
5	Turkey Point 5	5/17/22	5/26/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
6	Turkey Point 5	5/20/22	5/29/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
7	Turkey Point 5	5/20/22	5/29/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
8	Riviera 5	9/17/22	9/26/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
9	Riviera 5	9/26/22	10/5/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
10	Riviera 5	10/5/22	10/14/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
11	Lauderdale 6	3/31/22	4/6/22		RELIABILITY OUTAGE
12	Lauderdale 6	3/31/22	4/6/22		RELIABILITY OUTAGE
13	Lauderdale 6	3/31/22	4/6/22		RELIABILITY OUTAGE
14	Lauderdale 6	3/31/22	4/6/22		RELIABILITY OUTAGE
15	Lauderdale 6	3/31/22	4/6/22		RELIABILITY OUTAGE
16	Ft Myers 2	4/2/22	4/8/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
17	Ft Myers 2	4/2/22	4/8/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
18	Ft Myers 2	4/9/22	4/15/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
19	Ft Myers 2	4/9/22	4/15/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
20	Sanford 5	4/15/22	4/21/22		BALANCE OF PLANT INSPECTION
21	Ft Myers 2	4/16/22	4/22/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
22	Ft Myers 2	4/16/22	4/22/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
23	Turkey Point 5	5/20/22	5/26/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
24	Manatee 3	6/1/22	6/7/22		BALANCE OF PLANT INSPECTION
25	Sanford 5	9/3/22	9/9/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
26	Sanford 5	9/3/22	9/9/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
27	Martin 4	9/15/22	9/21/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
28	Sanford 4	10/1/22	10/7/22		GENERATOR MINOR
29	Sanford 4	10/1/22	10/7/22		HEAT RECOVERY STEAM GENERATOR INSPECTION
30	Sanford 4	10/1/22	10/7/22		BALANCE OF PLANT INSPECTION
31	Ft Myers 2	4/2/22	4/6/22		CYBERVULNERABILITY ASSESSMENT
32	Smith 3	3/11/22	3/19/22		COMBUSTION TURBINE INSPECTION/RELIABILITY OUTAGE
33	SCHERER 3	3/12/22	4/24/22		BOILER INSPECTION
34	Crist 7	3/15/22	5/23/22		STEAM TURBINE MAJOR OVERHAUL
35	Smith 3	9/10/22	9/18/22		COMBUSTION TURBINE INSPECTION/RELIABILITY OUTAGE
36	DANIEL 2	9/28/22	11/3/22		BOILER INSPECTION
37	DANIEL 1	10/10/22	10/18/22		BALANCE OF PLANT INSPECTION
38					
39					
40					
41					

FLORIDA PUBLIC SERVICE COMMISSION

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Line No.	(1)	(2)	(3)	(4)	(5)
1	VI. INTERCHANGE AND PURCHASED POWER ASSUMPTIONS				
2					
3	A. Contractual Commitments for Scheduled Interchange/Purchased Power				
4					
5	1. Power Sold and Economy Energy Purchases (Schedule "OS")				
6	a. Schedule OS sales are based upon projected market prices and expected available generation relative to FPL's projected incremental cost of sales (generation and transmission).				
7	b. Schedule OS purchases are based upon FPL's projected incremental generation cost relative to projected market prices plus incremental costs and transmission costs.				
8	c. Energy & transmission costs of OS purchases are recovered through the FCRC. For OS sales, the FCRC is credited for incremental generation cost, the CCRC is credited for FPL				
9	transmission costs incurred to make the sale. Base is credited for the incremental costs of running gas turbines, if applicable, and the FCRC is credited for the gain on a sale.				
10					
11	2. Interchange related to St Lucie Unit 2 Reliability Exchange agreement				
12	a. Based on GenTrader projection for PSL 1 and PSL 2 output as applied to the contract formula.				
13					
14	3. Schedule of New and Expiring Interchange/Purchase Power Contracts for the period				
15	None				
16					
17	4. Purchased Power from Qualifying Facilities:				
18	a. Firm		Capacity (MW)	Energy (MWH)	
19			2022	4	30,695
20			2023	4	30,695
21	b. As Available				
22			2022	n/a	516,884
23			2023	n/a	516,808
24					
25	5. Schedule of Sales and Purchased Power Contracts for the Period (contracts impact 2022)				
26	a. Sales:				
27	FPL's load forecast includes projected wholesale sales served under full and partial requirements contracts that provide other utilities all or a portion of their load				
28	requirements at a level of service equivalent to the Company's own native load customers. The wholesale requirements contracts included in the 2022 load forecast				
29	with their annual peak contributions are:				
30	Lee County Electric Cooperative, Inc.: 950 MW				
31	JEA: 200 MW (Note: The agreement is not effective until JEA has acquired the necessary FPL firm point-to-point transmission.)				
32	Florida Keys Electric Cooperative Association, Inc.: 160 MW				
33	Florida Public Utilities Northeast: 80 MW				
34	City of Homestead: 76 MW				
35	Florida Public Utilities Northwest: 70 MW				
36	City of Quincy: 20 MW				
37	City of Wauchula: 14 MW				
38	City of Moore Haven: 4 MW				
39					
40					
41					

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Line No.	(1)	(2)	(3)	(4)
1	VI.	INTERCHANGE AND PURCHASED POWER ASSUMPTIONS		
2				
3	A.	Contractual Commitments for Scheduled Interchange/Purchased Power		
4				
5	5.	Schedule of Sales and Purchased Power Contracts for the Period (contracts impact 2022)		
6				
7	b. Purchases:	Solid Waste Authority of Palm Beach County capacity and energy 40 MW (1/1/2022 to 12/31/2023)		
8		Solid Waste Authority of Palm Beach County capacity and energy 70 MW (1/1/2022 to 12/31/2023)		
9		MSCG – Kingfisher I: 53 MW (1/1/2022 to 12/31/2023)		
10		MSCG – Kingfisher II: 28 MW (1/1/2022 to 12/31/2023)		
11		SENA – Shell: 885 MW (1/1/2022 to 5/24/2023)		
12				
13	VII.	FUEL ASSUMPTIONS		
14				
15	A.	Fuel Related Assumptions		
16	1.	Fossil Fuel		
17		The fuel price forecast for light and heavy fuel oil, natural gas, coal, and petroleum coke, and the projection for the availability of natural gas to the FPL system for 2022 and 2023 was issued on July 1, 2020.		
18		This forecast was used as input into the GenTrader production costing model for development of forecasted information.		
19				
20	2.	Nuclear Fuel		
21		The Nuclear Fuel Forecast model was used to project fuel costs. The 2021 Fuel Cost Projections used in the impending rate case filing are consistent with the Approved Operating Schedule dated June 11, 2020.		
22				
23	VIII.	OPERATIONS AND MAINTENANCE AND CAPITAL EXPENDITURES FORECAST ASSUMPTIONS		
24				
25	A.	INFLATION RATE FORECAST		
26		See Section II. Inflation Rate Forecast		
27				
28	B.	PAY PROGRAMS		
29	1.	Merit Pay Program Increases 2022		
30		3%		
31				
32	IX.	OTHER ASSUMPTIONS		
33				
34	A.	Amount of CWIP and NFIP in Rate Base - FPSC		
35		1. CWIP: All Construction Work in Progress (CWIP) which does not meet the criteria for the accrual of Allowance for Funds Used During Construction (AFUDC)		
36		are included in CWIP for rate base in accordance with Rule No. 25-6.0141, Florida Administrative Code.		
37		2. NFIP: All Nuclear Fuel in Process is included in rate base.		
38				
39				
40				
41				

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:

X Projected Test Year Ended 12/31/22
 ___ Prior Year Ended ___/___/___
 ___ Historical Test Year Ended ___/___/___

COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Liz Fuentes, Thomas Broad,
 Robert Coffey, Jun K. Park

Line No.	(1)	(2)	(3)
1	IX. OTHER ASSUMPTIONS		
2			
3	B. Amount of CWIP and NFIP in Rate Base - FERC		
4	1. CWIP: None.		
5	2. NFIP: None.		
6			
7	C. AFUDC Rates for Capital Expenditures (FPSC and FERC)		
8	FPL's current AFUDC rate is 6.22% as approved by the Florida Public Service Commission in Order No. PSC-2019-0218-PAA-EI, in Docket No. 20190087-EI issued on June 3, 2019.		
9	Gulf's current AFUDC rate is 5.73% as approved by the Florida Public Service Commission in Order No. PSC-2014-0175-PAA-EI, in Docket No. 20140046-EI issued on April 18, 2014.		
10			
11	D. AFUDC Debt/Equity Split - FPSC and FERC		
12		<u>FPSC Ratio</u>	<u>FERC Ratio</u>
13	1. Debt %	22.5277	22.5277
14	2. Equity %	77.4723	77.4723
15			
16	All major projects that began construction at Gulf in the periods preceding the 2022 Test year are forecasted to earn AFUDC based on the Gulf approved AFUDC rates.		
17			
18	E. Depreciation Rates		
19	1. For the 2022 Test Year, depreciation expense is based on depreciation rates approved by the Florida Public Service Commission in FPL Docket No. 160021-EI/160062-EI, Order No. PSC-16-0560-AS-EI issued on December 15, 2016, and Gulf Docket No. 160186-EI/160170-EI, Order No. PSC-17-0178-S-EI issued on May 16, 2017.		
20	2. The Company has filed its current depreciation study in accordance with Rule No. 25-6.0436, Florida Administrative Code.		
21	3. For the 2022 Test Year, FPL included an accrual of \$26,839,546 for the Dismantlement of Fossil-Fueled and Solar Generating Stations. This annual amount was approved by the Florida Public Service Commission in Docket Nos. 160021-EI/160062-EI, Order No. PSC-16-0560-AS-EI issued on December 15, 2016.		
22	4. The Company has filed its current dismantlement study in accordance with Rule 25-6.04364, Florida Administrative Code.		
23			
24			
25			
26	F. Total Line Losses	<u>2022</u>	of Net Energy for Load
27		4.53%	
28			
29	G. Company Usage	<u>2022</u>	of Net Energy for Load
30		0.11%	
31			
32	H.	21% FEDERAL INCOME TAX RATE (REGULAR)	
33			
34	I.	5.5% FLORIDA STATE INCOME TAX RATE	
35		6.0% OKLAHOMA STATE INCOME TAX RATE	
36			
37	J.	0.00072 REGULATORY ASSESSMENT FEE RATE (FPSC)	
38		Per Rule 25-6.0131,"Investor Owned Electric Company Regulatory Assessment Fee" in the Florida Administrative Code.	
39			
40			
41			

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of Data Shown:

COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

X Projected Test Year Ended 12/31/22
 ___ Prior Year Ended ___/___/___
 ___ Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Scott R. Bores, Liz Fuentes, Thomas Broad,
Robert Coffey, Jun K. Park

Line No.	(1)	(2)
1	IX. OTHER ASSUMPTIONS	
2		
3	K. 2.50% GROSS RECEIPTS TAX RATE	
4		Provided as a pass through to customers as provided in Florida Statute Chapter 203.
5		
6	L. FRANCHISE FEE RATE	
7	4.471%	2020
8	4.476%	2021
9	4.530%	2022
10		Percentage represents composite rate.
11		
12	M. PRIOR YEAR	
13		Year 2021 Forecast
14		
15	N. TEST YEAR	
16		Year 2022 Forecast
17		
18	O. HISTORICAL YEAR	
19		Year 2020
20		
21	P. LAST MONTH OF HISTORICAL DATA	
22		September 2020
23		
24	Q. MILLAGE RATE FOR PROPERTY TAXES	
25		The overall millage rate used for historical, prior and test year are as follows:
26		2020 1.711%
27		2021 1.720%
28		2022 1.735%
29		
30	R. STATUTORY SALES TAX RATE	
31		6.95% Is the statutory sales tax rate. This may be coupled with a sur-tax that is levied by the County from 1/2% up to 1 1/2%.
32		7.713% is the blended forecasted rate, based on 2020 actual payments.
33		
34	S. FEDERAL AND STATE UNEMPLOYMENT TAX RATES	
35		0.6% FUTA on the first \$7,000 of wage base per employee
36		0.10% SUTA on the first \$7,000 of wage base per employee
37		
38	T. FICA TAX RATES	
39		6.2% Social Security Tax on \$142,800 wage base
40		1.45% Medicare tax on wage base up to \$200,000; 2.35% Medicare tax on wage base > \$200,000
41		

FLORIDA PUBLIC SERVICE COMMISSION
 COMPANY: FLORIDA POWER & LIGHT COMPANY
 AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION: Supply a proposed public notice of the company's request for a rate increase suitable for publication.

Type of Data Shown:
 Projected Test Year Ended 12/31/22
 Prior Year Ended ___/___/___
 Historical Test Year Ended ___/___/___

DOCKET NO.: 20210015-EI

Witness: Christopher Chapel

Line
 No.

(1)

1 On March 12, 2021, Florida Power & Light Company (FPL) filed a Petition with the Florida Public Service Commission (FPSC) proposing rate unification and a four-year rate plan that would begin in January
 2 2022, replacing the 2016 rate agreement. Due to Gulf Power Company's legal merger with FPL on January 1, 2021, the proposed rate plan will include the total revenue requirements of the combined
 3 utility system, reflecting the legal and operational consolidation of Gulf Power Company into FPL. The request seeks FPSC approval for a single set of base rates for all FPL customers, including those
 4 customers served by FPL in Northwest Florida. The FPSC has assigned Docket No. 20210015-EI to FPL's request.
 5

6 FPL has been able to operate under the existing 2016 agreement for one year beyond the minimum term of that agreement, with the last general base rate increase occurring in 2018. FPL's four-year rate
 7 plan requests a general base annual revenue requirement increase of approximately \$1.1 billion effective January 2022 and a subsequent annual increase of approximately \$607 million effective
 8 January 2023. The plan also requests authority for a Solar Base Rate Adjustment (SoBRA) mechanism to recover, subject to FPSC review, the revenue requirements for up to 894 MW of solar projects in 2024
 9 and up to 894 MW in 2025. If the full amount of new solar capacity allowed under the proposed SoBRA mechanism were constructed, FPL's preliminary estimate is that it would result in base rate adjustments
 10 of approximately \$140 million in 2024 and \$140 million in 2025.
 11

12 Key drivers of the need for a base rate increase include, but are not limited to: (i) capital investment initiatives that support system growth, increased reliability, storm hardening not included as part of the
 13 Storm Protection Plan Cost Recovery Clause and generation investments which provide long-term economic benefits to customers; (ii) the change in the weighted average cost of capital; (iii) the impact
 14 of inflation and customer growth; (iv) the impact of the amortization of the Reserve Amount authorized by the 2016 Rate Settlement that partially offsets the growth in base revenue requirements; (v)
 15 productivity gains that also partially offset the growth in base revenue requirements; (vi) adoption of Reserve Surplus Amortization Mechanism (RSAM)-adjusted depreciation rates that also partially offset the growth
 16 in base revenue requirements; and (vii) revenue growth that also partially offsets the growth in base revenue requirements.
 17

18 Under FPL's four-year rate plan, to account for initial cost of service differences, bill impacts also would include a five year transition credit reduction for customers in FPL's current service area and a five year
 19 transition rider addition for FPL customers in Northwest Florida. The transition credit and rider each would decline ratably over the five-year period, terminating at the end of the fifth year. Base and total
 20 bill impacts for FPL customers in Northwest Florida will differ from base and total bill impacts for customers in FPL's current service area given the relative differences in base and other charges that
 21 exist today and the proposed transition to full alignment in rates over a five-year period.
 22

23 For a 1,000 kWh residential customer bill in [FPL's current service area](#):

24
 25 Based on current projections for fuel and other clauses, FPL's current 1,000 kWh typical residential bill under its four-year proposal will grow at an average annual rate of about 3.4 percent through the end of
 26 2025 for customers in FPL's current service area, assuming FPL constructs the solar facilities included in its 2024 and 2025 request. Under FPL's four-year rate plan, FPL's 1,000 kWh residential customer bill for
 27 customers in FPL's current service area will remain significantly below the national average.
 28

29 1. The two base rate adjustments in 2022 and 2023 combined would be \$12.44 a month or about \$0.41 cents a day, offset by the declining transition credit, as follows:

- 30 a. in 2022, a base rate increase of \$7.46 a month, offset by the first year transition credit of \$1.98, for a net increase of \$5.48 or about 18 cents a day;
 31 b. in 2023, a net increase of \$5.38 or about 18 cents a day that includes a base increase of \$4.98 a month and a 40 cent reduction in the transition credit.

32 Over the first two years of the four-year rate plan, the total bill increase, including fuel and other clauses, would be \$14.44 per month or about 48 cents a day.
 33

34 2. Years three and four of the four-year plan would include increases related to the construction of cost-effective solar facilities as follows:

- 35 a. in 2024, a net increase of \$1.59 a month or approximately 5 cents a day, that includes a base rate increase of \$1.20 a month and a 39 cent reduction in the transition credit; and,
 36 b. in 2025, a net increase of \$1.60 a month or approximately 5 cents a day, that includes a base rate increase of \$1.20 a month and a 40 cent reduction in the transition credit.

37 Over years 3 and 4 of the four-year rate plan, the total bill increase, including fuel and other clauses, would be \$3.57 per month or about 12 cents a day.
 38
 39
 40

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: FLORIDA POWER & LIGHT COMPANY
AND SUBSIDIARIES (CONSOLIDATED)

EXPLANATION: Supply a proposed public notice of the company's request for a rate increase suitable for publication.

Type of Data Shown:
X Projected Test Year Ended 12/31/22
____ Prior Year Ended ____/____/____
____ Historical Test Year Ended ____/____/____

DOCKET NO.: 20210015-EI

Witness: Christopher Chapel

Line No. (1)

1 For a 1,000 kWh residential customer bill in Northwest Florida:

2

3 Based on current projections for fuel and other clauses, the current typical residential bill for customers in Northwest Florida under FPL's four-year proposal will decrease at an annual average rate of about 0.9 percent through

4 the end of 2025, assuming FPL constructs the solar facilities included in its 2024 and 2025 request. Under FPL's four-year rate plan, the Northwest Florida 1,000 kWh residential customer bill would

5 decrease to be significantly below the national average. With the consolidation of clauses, net bill impacts will be significantly lower in each of the four years.

6

7 1. The two base rate adjustments in 2022 and 2023 combined would be \$14.28 a month or about \$0.48 cents a day, increased by the declining transitional rider, as follows:

8 a. in 2022, a base rate increase of \$9.30 a month, or about 31 cents a day, increased by the first year transition rider of \$21.06 a month or 70 cents a day; and

9 b. in 2023, a base increase of \$4.98 month or about 17 cents a day, increased by the second year transition rider of \$16.85 a month or 56 cents a day.

10 Over the first two years of the four-year rate plan, the total bill, including fuel and other clauses, would decrease by a total of two cents per month.

11

12 2. Years three (2024) and four (2025) of the four-year rate plan each would include base rate increases of \$1.20 a month or 4 cents a day related to the construction of cost-effective solar

13 facilities, increased by the third year transition rider of \$12.64 a month or 42 cents a day in 2024 and the fourth year transition rider of \$8.42 a month or 28 cents a day in 2025. Over years 3

14 and 4 of the four-year rate plan, the total bill, including fuel and other clauses, would decrease by a total of \$5.89 per month or about 20 cents a day.

15

16 The FPSC will hold quality of service hearings for customers served by FPL in both Peninsular Florida and Northwest Florida to receive input from customers about the quality of FPL's service and the proposed

17 base rate adjustment. The dates and locations of the service hearings, and whether they will be held in person or virtually, will be published in a separate notice after they have been scheduled.

18

19 A copy of FPL's Petition for Rate Unification and for Base Rate Increase and supporting documentation is available on www.FPL.com/answers and www.GulfPower.com/answers and at the FPSC's website,

20 www.psc.state.fl.us.

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Supporting Schedules:

Recap Schedules: