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July 2, 2024

ELECTRONIC FILING

Mr. Adam J. Teitzman, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

In re: Petition for Rate Increase by Tampa Electric Company	DOCKET NO. 20240026-EI
In re: Petition for approval of 2023 Depreciation and Dismantlement Study, by Tampa Electric Company	DOCKET NO. 20230139-EI
In re: Petition to implement 2024 Generation Base Rate Adjustment provisions in Paragraph 4 of the 2021 Stipulation and Settlement Agreement, by Tampa Electric Company	DOCKET NO. 20230090-EI

Dear Mr. Teitzman:

Attached for filing on behalf of Tampa Electric Company in the above-referenced docket is the Rebuttal Testimony of Ned Allis and Exhibit No. NA-2.

Thank you for your assistance in connection with this matter.

(Document 8 of 14)

Sincerely,

J. Jeffry Wahlen

cc: All parties

JJW/ne
Attachment

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20240026-EI

IN RE: PETITION FOR RATREASE

BY TAMPA ELECTRIC COMPANY

PREPARED REBUTTAL TESTIMONY AND EXHIBIT

OF

NED ALLIS

ON BEHALF OF

TAMPA ELECTRIC COMPANY

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PREPARED REBUTTAL TESTIMONY AND EXHIBIT

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED REBUTTAL TESTIMONY

OF

NED ALLIS

ON BEHALF OF TAMPA ELECTRIC COMPANY

Q. Please state your name, address, occupation, and employer.

A. My name is Ned Allis. My business address is 207 Senate Avenue, Camp Hill, PA 17011. I am Vice President of Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming").

Q. On whose behalf are you submitting this testimony?

A. I am submitting this rebuttal testimony before the Florida Public Service Commission ("Commission") on behalf of Tampa Electric Company ("Tampa Electric" or the "company").

Q. Did you previously submit testimony in the proceeding?

A. Yes.

Q. What is the purpose of your rebuttal testimony?

A. The purpose of my testimony is to respond to the testimonies of the Office of Public Counsel ("OPC") witness Lane Kollen and Federal Executive Agencies ("FEA") witness Brian Andrews. Specifically, I will respond to the portions of their testimony related to depreciation. Other topics raised by either witness are addressed by other Tampa Electric witnesses in this case.

Q. What do OPC's witness Kollen and FEA's witness Andrews propose?

A. OPC's witness Kollen proposes longer service lives for solar generation and energy storage assets. FEA's witness Andrews proposes longer life spans for combined cycle plants, as well as changes to service life or net salvage estimates for several transmission and distribution plant accounts.

Q. Do you agree with these proposals?

A. No. For the reasons I discuss in this testimony, I disagree with the proposals of OPC's witness Kollen and FEA's witness Andrews. Generally, I find the proposals to

overstate service lives, understate net salvage, and fail to incorporate several important considerations that will impact the service lives of these assets. Additionally, based on my review of their recommendations, the depreciation rates recommended by each witness are not calculated correctly. Document No. 1 of my Rebuttal Exhibit NA-2 provides the depreciation rates for OPC's witness Kollen's proposals, which correct for the calculations provided by Mr. Kollen. Document Nos. 2 and 3 of my rebuttal exhibit provide those for FEA, which incorporates changes to composite net salvage percentages that result from the longer life spans recommended by Mr. Andrews.

I. LIFE SPAN PROPERTY AND PRODUCTION PLANT

Q. What is life span property?

A. Life span property describes assets such as generating units for which the entire facility is expected to retire concurrently. Upon the final retirement of a power plant, typically all assets will be retired and no longer will provide service, regardless of their age. Additionally, assets are replaced or retired during the life span of the facility. These retirements are referred to as "interim retirements," whereas the retirements that occur

upon the final retirement of the facility are referred to as "final retirements" or "terminal retirements."

Both types of retirements, and their related net salvage, should be considered and estimated for life span property. I have described methods by which these estimates are made for life span property in more detail in my direct testimony. None of the parties challenge the approach and method used in the depreciation study for generating or energy storage facilities, although OPC proposes longer service lives for solar and energy storage and FEA proposes longer life spans for combined cycle plants and longer interim survivor curves. Mr. Kollen also proposes adjustments to the dismantlement accruals, which is also addressed by witness Jeff Kopp.

A. <u>Life Span Estimates</u>

Q. What have OPC and FEA proposed for the life spans of the company's power plants?

A. FEA proposes adjustments to the life spans for the company's combined cycle facilities, generally extending the life spans from 35 years to 40 years. OPC proposes adjustments to the average service life for solar facilities, proposing a 35-year average service life

rather than the 30-year average service life in the depreciation study.[1] Additionally, OPC proposes a longer life for energy storage equipment, which I also address in this section because its useful life will be impacted by similar factors that will eventually lead to retirement.

Q. What is a life span estimate?

A. A life span estimate is an estimate of the useful life of a large facility such as a power plant, for which all assets will be retired concurrently upon the final retirement of the facility. For life span property, described in more detail in my direct testimony, the life span of a facility is typically estimated with a probable retirement date, or economic recovery date, which represents the best estimate of the time by which the capital investments in the facility should be recovered.

Q. For the assets at issue in this case – combined cycle plants, solar plants and energy storage – what factors cause the final retirement of a facility?

[1] The life span method was not used for solar or energy storage in the depreciation study, nor was it used by Mr. Andrews or Mr. Kollen for these assets. Instead, a survivor curve is used for the group of assets in each function, which should incorporate both final and interim retirements since there is no estimated retirement date. However, many of the considerations for estimating a life span of a generating facility also apply to solar and energy storage.

A. Generally, the retirement of an electric generating (or storage) facility is an economic decision. When replacement generation is available at a lower cost than continued operation of existing generation, it becomes more economical to replace the existing generating asset. There are often other benefits to replacement, such as lower emissions, fewer environmental risks, and better design for current or future operations. Importantly, experience shows that generating units can be and are replaced even when they could physically operate for a longer time because other considerations outweigh continued operation.

The economics of operation change over time, though not always evenly. When large capital components of a plant reach the end of their lives, the needed investments change the economics of continued operation and, as a result, life spans are often aligned with the useful lives of larger components (although this may be after, e.g., one large replacement project). Economics also change due to age as a larger percentage of components reach the end of their useful lives.

The economic competitiveness of new generation also changes over time. As new technologies emerge and become

cost competitive, it becomes more attractive to replace existing generation. This becomes more economical as existing generating facilities age and become more costly to operate.

Legislative and regulatory actions can also impact the life spans of generation. For example, environmental regulations can increase the cost of existing generation. Tax or other incentives can lower the cost of new technologies, thereby increasing their attractiveness as replacement technologies.

Other external factors can also impact life spans, such as changes in commodity prices for, e.g., coal and natural gas, changes in demand, and increases in needs for flexible generating units to follow renewable generation.

Q. Are these factors also interrelated?

A. Yes. Consider, for example, the retirements of coal-fired generation that have occurred over the past two decades. Environmental regulations impacted the cost of existing coal-fired generation, particularly for plants that needed to make large investments in scrubbers or other assets to meet emissions regulations. At the same time,

gas-fired generation became much less expensive, due both to improvements in efficiency and supply-driven declines in natural gas prices. Renewable generation also became more economical, which impacted not only new generation but also the operating profile of existing generating assets. As a result of these factors, many coal-fired generators were retired in the past ten years.

Q. Have you considered these factors when estimating life spans for the company's generating facilities?

A. Yes. I have also incorporated the company's input, as I have generally found that those who operate facilities have the best understanding of the outlook of their generating assets. For this study, I reviewed the company's initial estimates of retirement dates and discussed these factors, as well as specifics of each facility, with company personnel. The recommended retirement dates in the study are aligned with both the company's and my expectations for the future based on the best information available today.

Q. Are there other reasons you collaborate with a company when developing life span estimates?

A. Yes. Life spans vary from company to company and plant to plant. This is based on a variety of factors, but in general the economic decision from company to company or plant to plant is based on specific factors that impact each facility. These may include geography, fuel cost and availability, suitable locations for replacement generation, and the assessment of risks of factors such as greenhouse gas ("GHG") emissions and future commodity prices. For these reasons, discussions with and input from a company's personnel are often critical to developing the most reasonable life span estimates.

Q. Has Tampa Electric retired any of its power plants in recent years?

A. Yes. As I discuss in my direct testimony and the depreciation study, Tampa Electric has retired several steam and other production facilities in recent years. In general, these retirements have not occurred at ages older than has been typical in the industry for these types of generating facilities.

Q. What are some of the lessons learned from Tampa Electric's experience with these plants?

A. In addition to providing evidence of the life spans Tampa Electric's plants have experienced, the retirements of these plants illustrate causes of final retirement discussed above. Specifically, a power plant is often retired as the result of an economic decision. As a plant ages and becomes more expensive to operate, and as new technologies become more efficient and economical relative to existing generation, it eventually becomes economical to replace the existing plant. The retired plant may be able to physically operate for a longer period of time, but it would be a more costly option to keep the plant in service.

Thus, the process of estimating the life spans of the company's power plants is not to determine how long a plant could physically last, but instead estimating when the economic decision will be to replace the plant with newer generation.

Q. What has Tampa Electric's actual experience been with regard to the economics of its power plants?

A. Tampa Electric's actual experience indicates that it has been more economical to replace older, less efficient power plants with newer facilities. Further, with the

benefit of hindsight, this has provided benefits in that the company has moved to lower cost and lower emission sources of energy, which has benefits in both economic and environmental terms but also reduces GHG emissions risk when compared to many other utilities across the country.

It would have been possible from a physical standpoint to operate these plants for a longer time. However, it would not have been economical to do so because these plants had become more expensive than the alternative of replacing them with newer, more efficient facilities.

Q. Based on your experience in the industry, what lessons can you learn from historical retirements of generating facilities?

A. The electric industry has seen a large-scale change in its generating fleet over the past two decades, which roughly corresponds with my career in the industry. In the early and mid-2000s, there was a widespread expectation (if not a consensus) that steam-fired generation, particularly coal-fired generation, would be able to be operated for long life spans – perhaps 70 years or more. Indeed, this was technically true from a physical

standpoint. With enough capital investment, plants could be operated for very long life spans. As an example, early in my career I toured several coal plants from the 1940s, which were already close to 70 years of age. It was, perhaps, not irrational to expect that newer generation might attain similar life spans.

However, projecting this past experience (as well as the expectation that the physical life would dictate the overall life span) onto the future proved to be incorrect. By the early 2010s natural gas prices had fallen considerably, efficiency of combined cycles had increased significantly, and the cost of coal-fired generation increased – and would increase further, since various emissions rules would require investments in assets such as scrubbers to meet requirements by the mid-2010s.

Companies were faced with investment decisions, which at the time were often between investing in older coal-fired plants or constructing new combined cycle plants. With the benefit of hindsight, companies like Tampa Electric that retired existing generation (rather than invest further in coal, oil or gas-fired steam generation) ended

up better off.[2] The Commission's approach of capital recovery schedules, as well as the inclusion of dismantlement recovery, also facilitated replacement of aging, uneconomical power plants with newer more efficient, lower emission and less costly generation. Other states that did not have such mechanisms, and states where utilities instead invested in scrubbers or other assets to extend the life spans of coal generation are now going through a similar transition to combined cycles (and now renewables), but with additional costs for coal generation that need to be recovered either over a short remaining life or after retirement. This can create challenges from an intergenerational equity standpoint and can impact the economic decision for replacement, thereby uneconomically extending the useful life of generating assets that no longer most efficiently meet the needs of the system.

Q. Do you have any examples of expectations from that time period about coal-fired generation?

A. Yes. For example, as recently as 2016, Mr. Kollen proposed

[2] I do not make this statement to be critical of past investment decisions for any utility, or commission. At the time there were valid arguments for investing in either coal-fired generation or new generation. Further, the considerations varied on a plant-by-plant and utility-by-utility basis. Additionally, many of the events that followed (such as election results and the shale gas boom) were impossible to predict at the time.

extending the life span of coal fired generation for FPL's St. John's River Power Park ("SJRPP") to 65 years and Scherer Unit 4 to 63 years, even though large-scale retirements of coal-fired generation were already underway.

Q. Did these plants attain the life spans Mr. Kollen expected?

A. No. Both plants were retired within a few years of the conclusion of that case (SJRPP in January 2018 and Scherer Unit 4 in January 2022) at life spans of 31 and 33 years, respectively. These were about half the life spans that Mr. Kollen estimated.

Q. Do you see any indications that Mr. Kollen has considered all of these factors?

A. No. I do not see any indication that he has learned lessons from his previous over-estimation of life spans. His testimony does not address the factors discussed above and is merely limited to discussions of current estimates for Tampa Electric or other utilities.

Q. What are considerations related to generation today,

particularly when you consider the future operating environment?

A. There are several factors in current operation that we should consider, which includes outlook for the generation mix and future load growth. The electric industry as a whole is beginning to rapidly transition to a much larger share of renewables, both reducing emissions and long term GHG risk. At the same time, load growth is increasing due to electrification of transportation and other energy uses, data centers and other technology uses, and a general increased prevalence of electrical devices throughout our lives. These factors will also mean that customer growth will occur at a faster pace, as each new customer will use more electricity.

These factors mean that there will be a need for additional capacity in the future. With the growth in renewables, this means both incremental renewable capacity and generation or storage that can follow changes in intermittent renewable generation.

Technology is changing rapidly. There are possibilities that existing generation may not meet future needs of the system and the pace of technology change means that it is

more likely that newer generation or storage can better, and more economically, meet future needs. There is a similar dynamic to the replacement of coal-fired generation with newer and more efficient gas plant technology with fuel sourced using new gas extraction technologies. However, technology is changing at a faster pace than in the 2000s.

Importantly, these factors should be considered for both combined cycle generation and solar generation, as the dynamics and economics of each differ. I will discuss each in the following sections.

1. Combined Cycle

Q. What are the life span estimates proposed for combined cycle plants?

A. I have recommended life spans for combined cycle plants that are generally consistent with a 35-year life span,[3] which is the same estimate as currently used for the company's combined cycle facilities. However, my recommendation also considers the specifics of each unit, as discussed in more detail below. FEA witness Andrews proposes to extend the life span to 40-years. As I discuss

[3] Due to specifics of each facility, including the configuration of the plants, some estimates are longer than 35-years. However, in general the combined cycle estimates are consistent with a life span of 35-years.

later, he also proposes unusually long interim survivor curve estimates.

Q. To your knowledge, has Mr. Andrews toured the combined cycle facilities or met with Tampa Electric subject matter experts on these plants?

A. No. He has not indicated in testimony that he has toured any combined cycle plant.

Q. Did your study include site visits to these facilities?

A. Yes. Further, I have conducted site visits of combined cycle facilities across the country. For example, I have been to most of the investor-owned utilities' combined cycle plants in Florida (and colleagues have attended additional sites).

Q. Has Mr. Andrews provided any discussion of factors that would influence the life span of combined cycle facilities?

A. No. His discussion is limited to the estimates for other utilities, and I do not see any evidence that he considered important factors related to the operation of

the combined cycle plants.

Q. What are factors that should be considered for the life spans of combined cycle generation?

A. As the Commission is aware, each of the investor-owned electric utilities in Florida, including Tampa Electric, have made significant investments in solar facilities in recent years, significantly increasing their renewable output. However, solar energy is not created consistently throughout the day and, as a result, other generation needs to come online – often quickly – to make up for the loss of solar generation when, for example, the sun goes down. Today, natural gas facilities most commonly follow these generation needs, with some also addressed with other technologies such as battery energy storage systems. As a result, it has become common for even newer base load facilities to follow load (or more precisely follow renewable generation) and cycle more frequently.

This dynamic will become even more pronounced in the future. Indeed, in some parts of the country, such as California or Nevada, there are times of the day where solar generation exceeds total load on the system. This means that, when the sun goes down, enough generation

needs to come online quickly to offset the entire load on the system. Because solar generation is significant enough, this means that all plants – even base load plants – need to cycle multiple times during the day.

While the company (and Florida in general) has not yet reached the same scale of renewable penetration as California or Nevada, it is quickly trending in this direction. Even base load facilities have begun cycling frequently throughout the year.

Q. How does all of this impact the life spans of combined cycle plants?

A. Generally, increased cycling – particularly if there are more starts throughout the year – can limit or reduce the life span of the facility. At a minimum, it likely means more capital replacements and investments to continue operating the facility, impacting the overall economics of the facility. This, in turn means more replacement of assets and additional maintenance. These factors increase the overall economics of operating the facility, which is also affected by the fact that more cycling means a lower overall power output and less utilization. Additionally, most plants were not designed for this type of operation.

For example, plants designed for true base load operations can develop more challenges when cycling frequently or following load.

Overall, these factors mean that the operations of the Tampa Electric's combined cycles will likely favor a shorter life, all else equal. Given that changes since the prior depreciation study would indicate shorter, not longer, lives, it would not be reasonable to increase the life span of these facilities at this time.

Q. Are there any other reasons that favor not increasing the life span?

A. Yes. As noted above, the electric industry is changing rapidly. Not only does increased renewable generation mean significant changes to the operations of these facilities, but new technologies mean the potential for obsolescence of existing technologies. Further, the general move to reducing GHG emissions and new technologies means that the likelihood of longer life spans for fossil generation has gotten smaller.

Q. Are there ways that combined cycle facilities could be modified to use lower emissions fuels?

A. Possibly, although not based on technology that is currently commercially available at scale. It is possible that, for example, current natural gas-fired generation could be fueled with a combination of hydrogen and renewable gas, thereby allowing longer operation with minimal emissions (and, in the case of hydrogen, effectively become large batteries for solar generation). However, these will require significant investments in new technologies that are not yet commercially available. For these reasons, a shorter life span is appropriate today. If such investments do occur in the future (which is far from certain) then there will be additional costs that will need to recover over the remaining life span (which in turn will increase future depreciation).

Q. Are there any specific characteristics of the company's plants that Mr. Andrews has failed to consider?

A. Yes. Bayside Units 1 and 2 are a different construction from many other combined cycle units. While the combustion turbines, heat-recovery steam generators and other assets are relatively new (constructed in 2003 and 2004), the plant uses existing steam turbines that were originally placed in service in the 1960s. Because a portion of the plant is relatively old, this will impact the overall

life span of the plant and mean that a 40-year life span, as measured from the installation of the combustion turbines, is likely not attainable from an operational standpoint.

As an example, Florida Power and Light Company's Lauderdale Unit 4 and Unit 5 were combined cycle plants that had similar construction in that the Lauderdale units also reused the existing steam turbines that had been placed in service decades earlier. Lauderdale 4 and 5 were retired in 2018 with life spans of 25 years. Similarly, we should not expect a 40-year life span for Bayside Units 1 and 2.

Q. Given these considerations, do you agree with Mr. Andrews's proposal?

A. No. I do not believe a longer life span is appropriate at this time. At the current pace of technology change, 35 years is a long time. There will be significant changes in the electric industry over the next three decades and it is unclear whether combined cycles could attain longer life spans – at least without major investments. Additionally, the configuration of plants such as Bayside Units 1 and 2 do not support longer life spans. The

company's past experience shows that it has replaced aging generation when no longer economical, which also favors the 35-year life span.

Q. Are there any other issues with Mr. Andrews's proposal?.

A. Yes. Mr. Andrews did not update the composite net salvage calculations for his revised life span and, as a result, uses the incorrect net salvage percentages in his calculations. While I disagree with Mr. Andrews's proposal, I provide for reference in Document Nos. 2 and 3 of my rebuttal exhibit, respectively, corrected calculations with the 40-year life span, as well as with a 40-year life span and Mr. Andrews' recommended interim survivor curves.

2. Solar

Q. What are the estimates proposed for solar?

A. For solar generation, the life span method was not used, which means that the estimates are based on a survivor curve that should incorporate both interim and final retirements of individual facilities (within a group comprised of the full population of solar facilities). My recommendation is a 30-S3 survivor curve. Because there

will be interim retirements for assets such as inverters, this implies that the life spans of solar facilities would be slightly longer than the 30-year average service life. Mr. Kollen proposes a 35-year average service life with the same curve type.

Q. How does Mr. Kollen support his proposal?

A. Mr. Kollen argues that his proposal is consistent with the 35-year life span used for the current depreciation rates, which is based on a settlement agreement in the previous case (the company had proposed a 30-year life span). The only other support he provides is that the company uses the currently approved 35-year life span for resource planning purposes.

Q. Do you agree with Mr. Kollen's arguments?

A. No. First, the company's practice for resource planning (which is consistent with other companies in Florida) is to use the currently approved life span estimates. As a result, the fact that a 35-year life span has been used for resource planning provides no additional support for that life span, since it is based on the life agreed to in a settlement in the last case. Second, solar generation

is still relatively new, and technology will likely continue to improve, both of which suggest that a shorter life for depreciation purposes would be better than a longer life.

Q. Has Mr. Kollen considered any of the other factors that will influence the life of solar facilities?

A. No. Based on his testimony, he has not considered any factors other than the current life span (which he incorrectly applies as an average service life).

Q. Are there any other considerations related to solar?

A. Yes. FERC Order 898 modifies the Uniform System of Accounts for renewable and storage generation. This will include providing additional subaccounts for assets such as inverters and collector systems, at least some of which may have different life characteristics than the overall facilities. Mr. Kollen's proposal to use an average service life of 35 years rather than a life span of 35 years is to effectively increase the service life of solar assets. I do not believe it is reasonable to do so until, at a minimum, these accounting changes are implemented and the new subaccounts can be studied in a new

depreciation study in the next rate case.

Q. Given these considerations, do you agree with Mr. Kollen's proposal?

A. No. I do not believe a longer life span is appropriate at this time. At the current pace of technology change, 30 years is a long time. Increasing the life span to 35 years is at a minimum premature, given all of the factors discussed above. Importantly, while Mr. Kollen's proposal could reduce depreciation in the short term, in the long-term it will be more costly to customers as more will need to be recovered in the future and rate base will be lower than had a 30-year average service life been used. If the life spans of these facilities end up shorter than Mr. Kollen's proposal, the use of his depreciation rates would also mean future customers would pay a disproportionate share of the cost of these assets, perhaps even after already retired.

Q. Are there any other issues with Mr. Kollen's proposal?

A. Yes. Mr. Kollen to my knowledge does not have depreciation software to perform remaining life depreciation calculations, as he does not typically perform

depreciation studies. I have provided calculations using his proposed estimates, which are the correct rates to use if a 35-year average service life were to be used, in Document No. 1 of my rebuttal exhibit.

3. Battery Energy Storage

Q. What are the proposals for Battery Energy Storage Systems ("BESS")?

A. BESS assets are new assets of an emerging technology and can vary in size and function. As a result, there is limited historical data on the service lives and operations of these types of assets, and the life expectations may differ from location to location.

My recommendation in the depreciation study is to continue to use the currently approved 10-year average service life for storage facilities, which is appropriate and reasonable for many BESS assets. In some instances, there may be larger facilities or facilities with specific agreements that may favor a longer life. However, for the assets in the study, I believe the current 10-year average service life is most appropriate.

Q. What has Mr. Kollen proposed?

A. Mr. Kollen proposes a 20-year average service life – doubling the currently approved average service life estimate.

Q. What support does Mr. Kollen provide?

A. While Mr. Kollen claims he has proposed an "industry standard" estimate of 20-years, he provides no support other than to cite to a handful of utility-specific filings and reports from government agencies.

Q. To your knowledge, does Mr. Kollen have extensive experience estimating useful lives for BESS systems?

A. No. Further, in discovery I provided estimates for other utilities with BESS assets.[4] Most estimates are lower than the 20-year life span Mr. Kollen proposes and the longer estimates are not necessarily comparable to Tampa Electric's. There are also estimates of 10-year average service lives, which shows that the currently approved estimate is within the industry range and, as a result, there is not a need to increase the service life.

Q. In addition to not considering this information, does Mr.

[4] Please refer to the response provided to OPC Set 4 Request No. 94.

Kollen's testimony provide any indication that he considered other factors that can impact the lives of BESS assets?

A. No. Based on his testimony, I believe he has failed to incorporate important considerations.

Q. What are considerations for estimating service lives for BESS assets?

A. Many considerations related to technology are similar to those discussed about solar. Because BESS is a new technology, there is the potential for obsolescence as BESS systems improve in capacity, operations and cost. There is also uncertainty over how the assets will perform over time, both from a physical and function standpoint.

Q. How do you believe these considerations should inform the service life estimate?

A. In my judgment, these favor a shorter service life. Particularly for new technologies, all else equal it is most reasonable to favor a shorter service life. At a minimum, I do not believe there is justification to change from the 10-year service life previously approved by the

Commission. This can be adjusted in future studies as more data is available and as new accounting rules are fully implemented.

B. Interim Retirements

Q. What does Mr. Andrews propose for interim retirement estimates?

A. Similar to the depreciation study, Mr. Andrews estimates interim retirements using interim survivor curves. However, his proposals and approach are missing several key elements and, as a result, he has recommended unreasonable interim survivor curves for several accounts.

Q. What is the basis for Mr. Andrews's recommendations?

A. Mr. Andrews provides no support other than mathematical curve fitting results. However, his curve fitting results fail to properly consider the company's historical data and, as a result, incorrectly project the experience of older, different technologies onto the company's current generation fleet. Further, Mr. Andrews's testimony gives no indication that he incorporated any information in addition to the statistical analysis. As I discuss, other

factors such as information from site visits, meetings and general knowledge of the property should be considered when estimating service lives.

Q. Did the apparent lack of including any of this information negatively affect Mr. Andrews's proposals?

A. Yes. For example, for Account 312.00, Boiler Plant Equipment, Mr. Andrews has selected the 60-O3 survivor curve. O3 curves are rarely used for utility property, due in part to the unusual curve shape that anticipates a significant percentage of assets to retire early but then for most remaining assets to have very long lives. I do not recall ever seeing an O3 curve used for this account, nor should it be.

Additionally, Mr. Andrews's curve fitting does not consider the relevance and importance of different data points from the historical analysis. For example, his analysis for Account 341.00, Structures and Improvements, is based on data through approximately age 50. However, the company's current power plants in other production accounts have all been constructed within the last 30 years. As a result, the data points beyond age 30 do not provide meaningful indications of the retirement

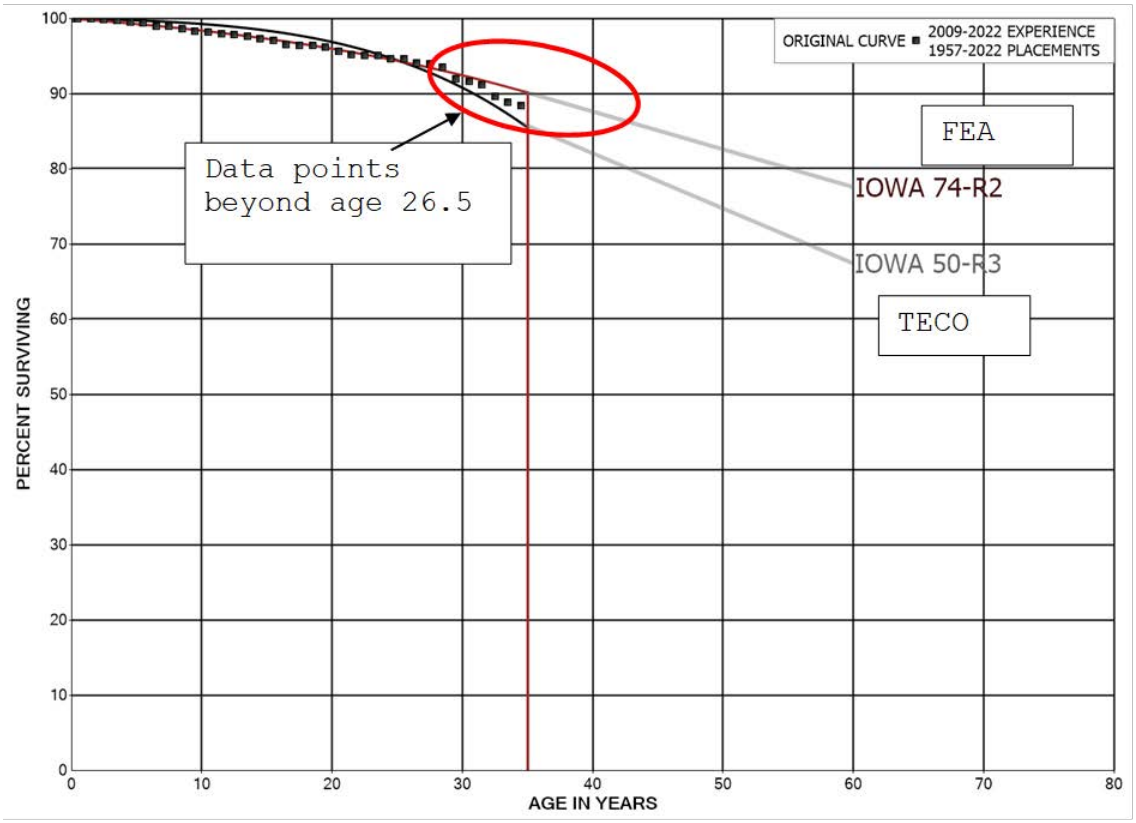
experience for the plants currently in service (this is particularly true because the type of power plants in this function of plant are much different today than 40 or 50 years ago). Data points beyond age 25 or 30 should be given little consideration in the analysis for other production plant. Further, he considers data points beyond his recommended life spans, which should further demonstrate that he is projecting the experience of dissimilar facilities onto the company's current fleet.

Q. Does Mr. Andrews properly consider these aspects of the data?

A. No. Mr. Andrews's curve fitting appears to fit most, if not all, of the data points, including many that are not relevant to the analysis for assets currently in service. For example, Figure 1 shows historical data and both my and Mr. Andrews' estimate for Account 341.00, Structures and Improvements. This chart shows the same data points as those shown by Mr. Andrews. However, the points circled below, which are those beyond age 26.5, are based on much smaller levels of investment for older technology plants that are no longer in service. As a result, these data points should be given more limited consideration in the analysis. However, as can be seen in the graph, Mr.

Andrews's estimate is largely based on these older, less meaningful data points.

Figure 1: Comparison of Interim Survivor Curve Estimates for Account 341, Structures and Improvements



Q. Given these considerations, do you agree with Mr. Andrews proposal?

A. No. As I have discussed, there are analytical issues with Mr. Andrews's recommendations, which also lead to atypical results. Additionally, Mr. Andrews does not

appear to have considered anything beyond the data. My recommendations are not only reasonably consistent with the available data, but also incorporate my knowledge and understanding of the assets from other studies and, as a result, are consistent with the operation of these types of plants. For these reasons, my recommended interim survivor curves are better estimates than those of Mr. Andrews.

C. <u>Dismantlement Accruals</u>

Q. What issue does Mr. Kollen raise regarding the dismantlement accruals?

A. Mr. Kollen makes several adjustments or criticisms of the company's dismantlement study and dismantlement accruals.

Q. Will you address the dismantlement study or calculation of dismantlement accruals?

A. No. While I disagree with Mr. Kollen's proposals, in part because I am not aware of his having expertise in dismantlement studies or the dismantlement accrual approach used in Florida, witness Kopp and Chronister address the dismantlement study and dismantlement accruals. However, I would like to comment and clarify a

few points regarding how dismantlement studies interrelate with depreciation studies.

Q. Please explain.

A. In other jurisdictions, the dismantlement cost estimates are included in depreciation rates, typically by converting the cost estimate to a net salvage percentage that is incorporated into the remaining life depreciation calculations. Florida instead prescribes a separate dismantlement accrual calculation.

Mr. Kopp's testimony is conceptually correct, in that his estimates are incorporated into an accrual to be included as depreciation or amortization expense. However, for Tampa Electric, these were not included in my recommended depreciation rates. Instead, consistent with prior studies, the company performed the dismantlement accrual calculations consistent with Commission practices and with previous depreciation studies.

II. Mass Property

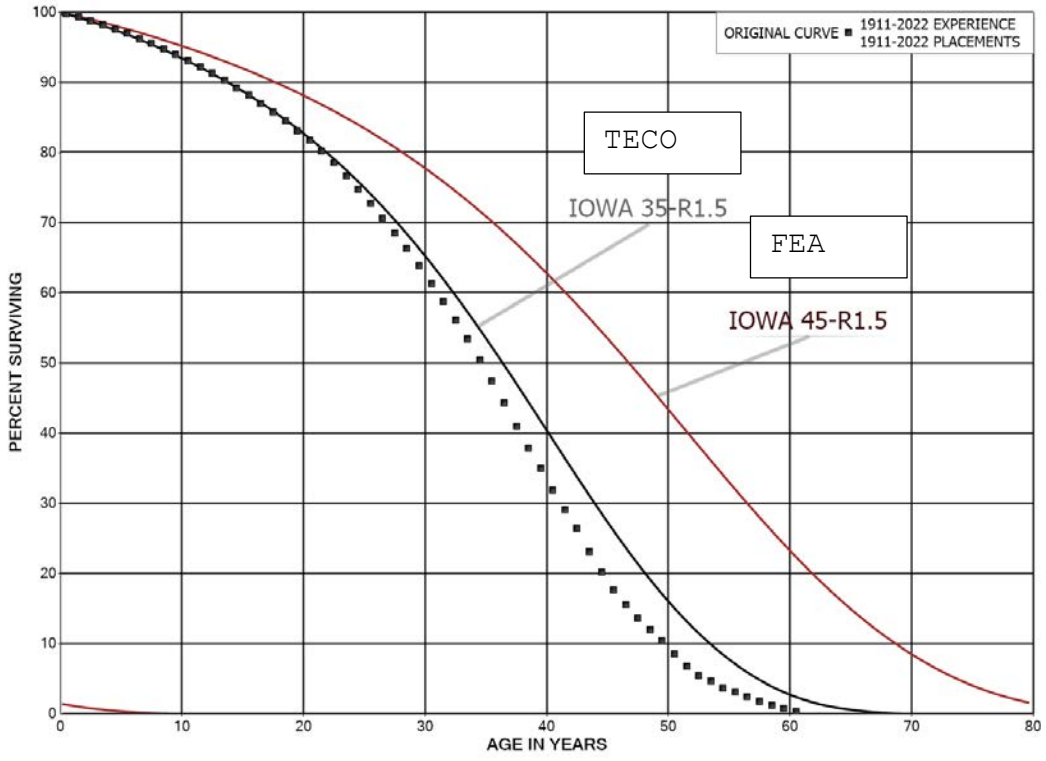
D. Service Life for Account 367.00, Underground Conductors and Devices

Q. Please discuss Account 367.00, Underground Conductors and

Devices.

A. For this account, I recommend the 35-R1.5 survivor curve. The current estimate for this account is the 45-R1.5. Mr. Andrews proposes to retain this estimate. Historical retirements for this account, based on actual retirement data from 1911 through 2022 that was statistically aged, support an average service life of 35-years or shorter. The 35-R1.5 is a good fit of the historical data, as can be seen in Figure 2 below.

Figure 2. Comparison of Tampa Electric vs FEA Proposed Survivor Curves for Account 367



In addition to the actuarial analysis, Simulated Plant Record ("SPR") analysis was performed and supported a similar service life. For example, the 33-R1.5 survivor curve had the highest conformance index of curves with a good retirement experience index for the analysis of the 1993-2022 period. While estimates for other utilities may have longer average service lives than 35 years, Tampa Electric's available data supports a shorter service life. Additionally, assets in Florida typically have shorter lives than other parts of the country due to higher temperatures, humidity, a higher water table, proximity to the coast and other factors unique to the southeastern United States.

Q. Can the actuarial analysis based on statistically aged data, combined with SPR analysis, provide a reasonable basis for determining a service life estimate?

A. Yes. My analyses used industry-accepted practices and were most reasonable based on the available data. These analyses were based on retirements that were recorded by Tampa Electric over the period 1911 through 2022.

Q. Please address the accuracy of Mr. Andrews's comments that "when companies rely on simulated data and the SPR

procedure, the resulting ASLs are almost always understated. The simulations are very dependent on the survivor curves that are used to estimate the data, therefore, the results tend to be skewed to the downsides, resulting in higher depreciation rates."[5]

A. Mr. Andrews provides no support for this statement, and it is not generally consistent with my experience. However, SPR analyses does produce results that are more difficult to interpret and require an experienced analyst to recognize the limitations of the analysis. For example, if mortality characteristics are dynamic over time, then the analysis may favor higher or lower mode curves. The selection of higher mode curves in these instances could produces shorter lives, although lower mode curves would have the opposite effect. I have seen instances in which the SPR analysis, particularly the Retirement Experience Index ("REI"), favors higher mode curves due to low REIs for lower mode curves. This could at times favor shorter average service lives.

However, these limitations do not apply for this account to effectively ignore the available analysis, as Mr. Andrews proposes. My recommended survivor curve,

[5] Page 23, Line 7-10 of Mr. Andrews Direct Testimony

supported by the statistical results, uses a mid-mode R1.5 survivor curve.

E. Net Salvage Estimates

Q. Please summarize the different net salvage estimates proposed by Tampa Electric and FEA.

A. See Figure 3 below for a summary of the net salvage estimates proposed by Tampa Electric and FEA. FEA proposed a change in net salvage percentages for six asset classes:

Figure 3. Net Salvage Estimate Comparison

	Tampa Electric	
Account	**Proposal**	**FEA Proposal**
356	(50)	(40)
362	(20)	(15)
364	(75)	(70)
365	(30)	(20)
367	(15)	(10)
392	20	25

Q. Please explain why Tampa Electric's estimates are more reasonable than those proposed by FEA.

A. Tampa Electric's estimates are more reasonable than FEA's because they align more closely with recent trends in net salvage experience, and they more appropriately consider the trend towards increasing cost of removal in the utility industry.

Figure 4 below provides a summary of the historic net salvage percentages; the overall experience band, as well as the most recent 10- and 5-year bands of data are shown alongside Tampa Electric's and FEA's proposals:

Figure 4. Experienced Net Salvage

Account	Overall Experienced Net Salvage	Recent 10-Year Experienced Net Salvage	Recent 5-Year Experienced Net Salvage	Tampa Electric Proposal	FEA Proposal
356	(39)	(46)	(93)	(50)	(40)
362	(14)	(22)	(33)	(20)	(15)
364	(73)	(92)	(113)	(75)	(70)
365	(21)	(38)	(34)	(30)	(20)
367	(13)	(20)	(16)	(15)	(10)
392	(29)	25	45	20	25

With the exception of Account 392, the more recent 10- and 5-year analyses of historic net salvage are trending

more negative.[6] For example, for Account 364, Mr. Andrews cites the overall net salvage percentage of (73) as not being supportive of Tampa Electric's proposed (75) estimate. First, (73) rounded to the nearest five is (75) percent and, since net salvage estimates are customarily made in increments of five, the overall average does support my estimate. Additionally, the recent 10-year average is (92) and the 5-year average is (113). When the complete data set is considered, not only the overall average but more recent averages and trends as well, the data is more supportive of my recommendation.

Q. Is Mr. Andrews's reliance on overall net salvage[7] rates to estimate future net salvage an appropriate approach to estimating future costs?

A. No. While the overall average is a statistic I rely on, I also consider trends in the data as well as current estimates and estimates for other utilities. For most of the accounts at issue, my estimates are within 5 basis points of the overall average but are less negative than the most recent five and ten year averages. For each

[6] Gross salvage for Account 392 is impacted by the market for used automobiles and, in the future, could be impacted by a transition to electric vehicles.
[7] Page 25, Line 22-25 of Mr. Andrews Direct Testimony. Mr. Andrews states that his estimates never exceed "more than 1%" of the overall net salvage rate.

account except Account 392, my estimate is less negative than the most recent five-year average.

Q. Have removal costs increased in the industry?

A. Yes. There are multiple, and sometimes inter-related, reasons for increasing removal costs. Many of these reasons are outside of the company's control. Environmental rules have increased removal costs. As an example, disposal requirements for treated wood poles have increased over time, increasing the cost to dispose of wood poles (and therefore increasing removal costs). Permitting requirements have become more restrictive and burdensome, which increases costs.[8] As an example, municipalities or counties may require work to only be performed at certain hours of the day, increasing project costs. Another example is the requirements for restoring the site after assets are removed. Municipalities have required restoration of sidewalks or landscaping, which increases removal costs. Increasing requirements for traffic control has also added to costs.

Labor costs have increased because of wage increases and a shortage of skilled workers in the utility sector.

[8] Note that "permitting requirements" does not necessarily mean the cost of permits, but instead can mean the actual work requirements dictated by the permit.

Similarly, material and equipment costs have increased due to overall inflation and increased demand across various industries. This has become more pronounced as utilities across the country have increased investments to modernize the electric grid.

Q. Do you agree with Mr. Andrews's proposals?

A. No. My estimates better reflect trends in the data and other factors discussed above.

Q. Does this conclude your rebuttal testimony?

A. Yes, it does.

DOCKET NO. 20240026-EI
WITNESS: ALLIS

REBUTTAL EXHIBIT

OF

NED ALLIS

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TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
SOLAR SITES									
341.00 STRUCTURES AND IMPROVEMENTS		35-S3	0	389,630,578.95	51,744,519	337,886,060	30.69	11,009,647	2.83
343.00 PRIME MOVERS		35-S3	0	1,110,482,449.90	97,011,381	1,013,471,068	31.88	31,790,184	2.86
345.00 ACCESSORY ELECTRIC EQUIPMENT		35-S3	0	267,298,627.97	35,783,835	231,514,793	30.58	7,570,791	2.83
348.00 ENERGY STORAGE EQUIPMENT		20-S3	0	29,513,911.38	4,476,523	25,037,388	18.24	1,372,664	4.65
TOTAL SOLAR SITES				***1,796,925,568.20***	***189,016,258***	***1,607,909,309***	***31.07***	***51,743,286***	***2.88***
DC MICRO GRID									
341.00 STRUCTURES AND IMPROVEMENTS		35-S3	0	-	-	-	35.00	-	2.86 **
343.00 PRIME MOVERS		35-S3	0	929,494.74	56,025	873,470	32.49	26,884	2.89
345.00 ACCESSORY ELECTRIC EQUIPMENT		35-S3	0	-	-	-	35.00	-	2.86 **
348.00 ENERGY STORAGE EQUIPMENT		20-S3	0	9,134.50	1,773	7,361	17.52	420	4.60
TOTAL DC MICRO GRID				***938,629.24***	***57,798***	***880,831***	***32.26***	***27,304***	***2.91***
MACDILL AIR FORCE BASE									
341.00 STRUCTURES AND IMPROVEMENTS	12-2055	50-R3 *	(10)	-	-	-	29.97	-	3.60 **
342.00 FUEL HOLDERS	12-2055	50-R0.5 *	(3)	-	-	-	27.12	-	3.76 **
343.00 PRIME MOVERS	12-2055	50-O1 *	(4)	-	-	-	26.26	-	3.92 **
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2055	55-S1 *	(4)	-	-	-	29.52	-	3.45 **
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2055	35-L2 *	(3)	-	-	-	26.70	-	3.78 **
348.00 ENERGY STORAGE EQUIPMENT	12-2055	20-S3 *	0	-	-	-	19.40	-	5.00 **
TOTAL MACDILL AIR FORCE BASE				-	-	-		-	

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.
** CALCULATED DEPRECIATION RATE TO BE APPLIED TO FUTURE INSTALLED PLANT IN-SERVICE

TAMPA ELECTRIC COMPANY

TABLE 2. COMPARISON OF ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON EXISTING AND PROPOSED DEPRECIATION PARAMETERS

			EXISTING ESTIMATES					PROPOSED ESTIMATES						
ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	INCREASE/ DECREASE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)=(12)-(7)
SOLAR SITES													
341.00 STRUCTURES AND IMPROVEMENTS	389,630,578.95	51,744,519		35-SQ	0	11,299,287	2.90		35-S3	0	11,009,647	2.83	(289,640)
343.00 PRIME MOVERS	1,110,482,449.90	97,011,381		35-SQ	0	32,203,991	2.90		35-S3	0	31,790,184	2.86	(413,807)
345.00 ACCESSORY ELECTRIC EQUIPMENT	267,298,627.97	35,783,835		35-SQ	0	7,751,660	2.90		35-S3	0	7,570,791	2.83	(180,869)
348.00 ENERGY STORAGE EQUIPMENT	29,513,911.38	4,476,523		10-SQ	0	2,951,391	10.00		20-S3	0	1,372,664	4.65	(1,578,727)
TOTAL SOLAR SITES	***1,796,925,568.20***	***189,016,259***				***54,206,329***	***2.90***				***51,743,286***	***2.88***	***(2,463,043)***
DC MICRO GRID													
341.00 STRUCTURES AND IMPROVEMENTS	-	-		30-SQ	0	-	3.33		35-S3	0	-	2.86 **	-
343.00 PRIME MOVERS	929,494.74	56,025		30-SQ	0	30,952	3.33		35-S3	0	26,884	2.89	(4,068)
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-		30-SQ	0	-	3.33		35-S3	0	-	2.86 **	-
348.00 ENERGY STORAGE EQUIPMENT	9,134.50	1,773		10-SQ	0	913	10.00		20-S3	0	420	4.60	(493)
TOTAL DC MICRO GRID	***938,629.24***	***57,798***				***31,865***	***2.90***				***27,304***	***2.91***	***(4,561)***
MACDILL AIR FORCE BASE													
341.00 STRUCTURES AND IMPROVEMENTS	-	-		n/a	n/a	-	n/a	12-2055	50-R3 *	(10)	-	3.60 **	-
343.00 FUEL HOLDERS	-	-		n/a	n/a	-	n/a	12-2055	50-R0.5 *	(3)	-	3.76 **	-
343.00 PRIME MOVERS	-	-		n/a	n/a	-	n/a	12-2055	50-O1 *	(4)	-	3.92 **	-
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	55-S1 *	(4)	-	3.45 **	-
345.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	35-L2 *	(3)	-	3.78 **	-
348.00 ENERGY STORAGE EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	20-S3 *	0	-	5.00 **	-
TOTAL MACDILL AIR FORCE BASE	**-**	**-**				**-**					**-**		**-**

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.
** CALCULATED DEPRECIATION RATE TO BE APPLIED TO FUTURE INSTALLED PLANT IN-SERVICE

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
STEAM PRODUCTION PLANT									
BIG BEND POWER PLANT									
BIG BEND COMMON									
311.00 STRUCTURES AND IMPROVEMENTS	12-2062	75-R1.5 *	(6)	252,807,167.66	71,630,371	196,345,227	34.45	5,699,426	2.25
312.00 BOILER PLANT EQUIPMENT	12-2062	60-O3 *	(9)	219,407,898.74	48,398,158	190,756,451	28.37	6,723,879	3.06
314.00 TURBOGENERATOR UNITS	12-2062	45-R1 *	(9)	28,314,959.60	(856,157)	31,719,463	31.69	1,000,930	3.53
315.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	50-R1.5 *	(4)	43,865,595.04	19,735,461	25,884,757	30.09	860,244	1.96
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	55-R0.5 *	(1)	26,457,682.67	11,831,648	14,890,611	31.11	478,644	1.81
TOTAL BIG BEND COMMON				*570,853,303.71*	*150,739,482*	*459,596,509*	*31.13*	*14,763,123*	*2.59*
BIG BEND UNIT 4									
311.00 STRUCTURES AND IMPROVEMENTS	12-2040	75-R1.5 *	(6)	104,628,975.73	54,187,413	56,719,301	15.24	3,721,739	3.56
312.00 BOILER PLANT EQUIPMENT	12-2040	60-O3 *	(9)	552,262,971.74	218,119,144	383,847,495	14.23	26,974,525	4.88
314.00 TURBOGENERATOR UNITS	12-2040	45-R1 *	(9)	123,977,661.84	52,223,808	82,911,843	14.13	5,867,788	4.73
315.00 ACCESSORY ELECTRIC EQUIPMENT	12-2040	50-R1.5 *	(4)	97,538,411.46	61,793,800	39,646,148	14.53	2,728,572	2.80
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2040	55-R0.5 *	(1)	8,248,594.10	6,056,093	2,274,987	14.33	158,757	1.92
TOTAL BIG BEND UNIT 4				*886,656,614.87*	*392,380,258*	*565,399,774*	*14.33*	*39,451,381*	*4.45*
TOTAL BIG BEND POWER PLANT				***1,457,509,918.58***	***543,119,740***	***1,024,996,283***	***18.91***	***54,214,504***	***3.72***
TOTAL STEAM PRODUCTION PLANT				***1,457,509,918.58***	***543,119,740***	***1,024,996,283***	***18.91***	***54,214,504***	***3.72***
BIG BEND POWER PLANT									
BIG BEND UNIT 1									
341.00 STRUCTURES AND IMPROVEMENTS	12-2062	74-R2 *	(4)	2,290,548.98	1,536,810	845,361	28.78	29,373	1.28
342.00 FUEL HOLDERS	12-2062	55-R0.5 *	(3)	3,390,810.17	1,599,040	1,893,495	29.02	65,248	1.92
343.00 PRIME MOVERS	12-2062	75-O1 *	(3)	459,001,278.17	19,610,395	453,160,921	33.14	13,674,138	2.98
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	55-S1 *	(4)	546,961.13	95,858	472,981	32.84	14,403	2.63
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	35-L2 *	(3)	308,525.93	245,094	72,688	8.87	8,195	2.66
TOTAL BIG BEND UNIT 1				*465,538,124.38*	*23,087,198*	*456,445,446*	*33.10*	*13,791,357*	*2.96*
BIG BEND UNIT 4									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	74-R2 *	(4)	3,311,083.09	1,048,804	2,394,722	23.86	100,366	3.03
342.00 FUEL HOLDERS	12-2049	55-R0.5 *	(3)	5,596,200.86	216,754	5,547,333	22.54	246,111	4.40
343.00 PRIME MOVERS	12-2049	75-O1 *	(3)	23,563,084.18	10,732,429	13,537,548	22.77	594,534	2.52
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	15,256,508.47	7,575,498	8,291,271	22.46	369,157	2.42
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	510,664.71	252,987	272,998	17.10	15,965	3.13
TOTAL BIG BEND UNIT 4				*48,237,541.31*	*19,826,472*	*30,043,872*	*22.66*	*1,326,133*	*2.75*
BIG BEND UNIT 5									
341.00 STRUCTURES AND IMPROVEMENTS	12-2062	74-R2 *	(4)	-	-	-	74.00	-	1.41 **
342.00 FUEL HOLDERS	12-2062	55-R0.5 *	(3)	506,226.31	(21,322)	542,735	32.40	16,751	3.31
343.00 PRIME MOVERS	12-2062	75-O1 *	(3)	176,678,691.06	14,301,530	167,677,521	33.03	5,076,522	2.87
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	55-S1 *	(4)	-	-	-	55.00	-	1.89 **
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL BIG BEND UNIT 5				*177,184,917.37*	*14,280,209*	*168,220,256*	*33.03*	*5,093,273*	*2.87*
BIG BEND UNIT 6									
341.00 STRUCTURES AND IMPROVEMENTS	12-2062	74-R2 *	(4)	-	-	-	74.00	-	1.41 **
342.00 FUEL HOLDERS	12-2062	55-R0.5 *	(3)	528,137.88	(3,843)	547,825	32.40	16,908	3.20
343.00 PRIME MOVERS	12-2062	75-O1 *	(3)	175,430,566.71	14,231,833	166,461,651	33.03	5,039,711	2.87
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	55-S1 *	(4)	-	-	-	55.00	-	1.89 **
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL BIG BEND UNIT 6				*175,958,704.59*	*14,227,991*	*167,009,476*	*33.03*	*5,056,619*	*2.87*
TOTAL BIG BEND POWER STATION				***866,919,287.65***	***71,421,868***	***821,719,050***	***32.52***	***25,267,382***	***2.91***
POLK POWER STATION									
POLK COMMON									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	74-R2 *	(4)	192,917,189.90	67,373,353	133,260,525	26.59	5,011,678	2.60
342.00 FUEL HOLDERS	12-2052	55-R0.5 *	(3)	12,705,608.13	3,274,313	9,812,464	24.70	397,266	3.13
343.00 PRIME MOVERS	12-2052	75-O1 *	(3)	13,916,023.17	1,969,286	12,364,218	25.27	489,284	3.52
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	-	-	-	8.00	-	7.50 **
TOTAL ACCOUNT 343 PRIME MOVERS				***13,916,023.17***	***1,969,286***	***12,364,218***	***25.27***	***489,284***	***3.52***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	14,519,008.44	4,521,661	10,578,108	25.61	413,046	2.84
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	1,259,507.78	68,358	1,228,935	20.88	58,857	4.67
TOTAL POLK COMMON				*235,317,337.42*	*77,206,969*	*167,244,250*	*26.25*	*6,370,131*	*2.71*

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
POLK UNIT 1 GASIFIER									
341.00 STRUCTURES AND IMPROVEMENTS	12-2036	74-R2 *	(4)	53,047,915.23	28,573,732	26,596,100	11.71	2,271,230	4.28
342.00 FUEL HOLDERS	12-2036	55-R0.5 *	(3)	248,976,995.69	152,814,023	103,632,282	11.28	9,187,259	3.69
343.00 PRIME MOVERS	12-2036	75-O1 *	(3)	148,649,197.45	88,757,018	64,351,656	11.47	5,610,432	3.77
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2036	8-L0 *	40	15,096,275.70	3,890,234	5,167,531	4.83	1,069,882	7.09
TOTAL ACCOUNT 343 PRIME MOVERS				***163,745,473.15***	***92,647,252***	***69,519,187***	***10.41***	***6,680,314***	***4.08***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2036	55-S1 *	(4)	60,548,846.73	45,710,331	17,260,469	11.24	1,535,629	2.54
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2036	35-L2 *	(3)	6,316,781.98	3,118,987	3,387,299	10.16	333,396	5.28
TOTAL POLK UNIT 1 GASIFIER				*532,636,012.78*	*322,864,325*	*220,395,337*	*11.02*	*20,007,828*	*3.76*
POLK UNIT 2									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	74-R2 *	(4)	2,342,155.29	1,331,857	1,103,985	26.20	42,137	1.80
342.00 FUEL HOLDERS	12-2052	55-R0.5 *	(3)	2,365,638.35	690,923	1,745,684	24.45	71,398	3.02
343.00 PRIME MOVERS	12-2052	75-O1 *	(3)	28,974,176.09	9,277,175	20,566,226	25.09	819,698	2.83
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	7,088,119.44	1,502,566	2,750,305	5.33	516,005	7.28
TOTAL ACCOUNT 343 PRIME MOVERS				***36,062,295.53***	***10,779,742***	***23,316,531***	***17.46***	***1,335,703***	***3.70***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	19,207,796.38	11,226,500	8,749,608	23.61	370,589	1.93
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	173,209.91	139,897	38,509	14.79	2,604	1.50
TOTAL POLK UNIT 2				*60,151,095.46*	*24,168,919*	*34,954,317*	*19.18*	*1,822,431*	*3.03*
POLK UNIT 3									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	74-R2 *	(4)	10,708,676.69	6,000,960	5,136,063	26.18	196,183	1.83
342.00 FUEL HOLDERS	12-2052	55-R0.5 *	(3)	1,514,894.73	645,094	915,248	24.16	37,883	2.50
343.00 PRIME MOVERS	12-2052	75-O1 *	(3)	32,249,524.22	21,882,001	11,335,009	24.96	454,127	1.41
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	6,150,760.39	1,550,893	2,139,563	5.99	357,189	5.81
TOTAL ACCOUNT 343 PRIME MOVERS				***38,400,284.61***	***23,432,894***	***13,474,572***	***16.61***	***811,316***	***2.11***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	9,125,740.63	5,945,160	3,545,610	23.36	151,781	1.66
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	432,910.42	283,697	162,201	15.36	10,560	2.44
TOTAL POLK UNIT 3				*60,182,507.08*	*36,307,805*	*23,233,694*	*19.24*	*1,207,723*	*2.01*
POLK UNIT 4									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	74-R2 *	(4)	5,818,840.91	2,412,947	3,638,648	26.42	137,723	2.37
342.00 FUEL HOLDERS	12-2052	55-R0.5 *	(3)	2,369,198.87	239,613	2,200,662	24.41	90,154	3.81
343.00 PRIME MOVERS	12-2052	75-O1 *	(3)	21,726,818.11	7,417,383	14,961,240	25.07	596,779	2.75
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	6,688,260.11	994,271	3,018,685	5.99	503,954	7.53
TOTAL ACCOUNT 343 PRIME MOVERS				***28,415,078.22***	***8,411,654***	***17,979,925***	***16.33***	***1,100,733***	***3.87***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	5,586,747.43	3,437,915	2,372,302	24.28	97,706	1.75
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL POLK UNIT 4				*42,189,865.43*	*14,502,128*	*26,191,537*	*18.36*	*1,426,316*	*3.38*
POLK UNIT 5									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	74-R2 *	(4)	5,748,794.52	2,423,788	3,554,958	26.42	134,556	2.34
342.00 FUEL HOLDERS	12-2052	55-R0.5 *	(3)	2,759,831.05	767,540	2,075,086	24.48	84,767	3.07
343.00 PRIME MOVERS	12-2052	75-O1 *	(3)	19,842,748.02	6,057,612	14,380,418	25.06	573,840	2.89
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	5,380,611.60	792,100	2,436,267	5.75	423,699	7.87
TOTAL ACCOUNT 343 PRIME MOVERS				***25,223,359.62***	***6,849,712***	***16,816,685***	***16.86***	***997,539***	***3.95***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	5,471,617.10	3,427,254	2,263,228	24.24	93,367	1.71
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL POLK UNIT 5				*39,203,602.29*	*13,468,294*	*24,709,957*	*18.86*	*1,310,229*	*3.34*
POLK UNIT 6									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	74-R2 *	(4)	13,374,554.05	4,266,582	9,642,954	26.97	357,544	2.67
342.00 FUEL HOLDERS	12-2052	55-R0.5 *	(3)	216,762,618.15	45,118,089	178,147,407	24.70	7,212,446	3.33
343.00 PRIME MOVERS	12-2052	75-O1 *	(3)	226,870,880.17	47,795,255	185,881,752	25.29	7,350,010	3.24
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	-	-	-	8.00	-	7.50 **
TOTAL ACCOUNT 343 PRIME MOVERS				***226,870,880.17***	***47,795,255***	***185,881,752***	***25.29***	***7,350,010***	***3.24***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	18,338,595.01	4,565,339	14,506,800	26.04	557,097	3.04
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	141,626.41	30,886	114,989	21.89	5,253	3.71
TOTAL POLK UNIT 6				*475,488,273.79*	*101,776,150*	*388,293,902*	*25.08*	*15,482,350*	*3.26*
TOTAL POLK POWER STATION				***1,445,168,694.25***	***590,294,591***	***885,022,994***	***18.58***	***47,627,008***	***3.30***

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
BAYSIDE POWER STATION									
BAYSIDE COMMON									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	74-R2 *	(4)	107,128,093.80	27,808,472	83,604,746	23.91	3,496,643	3.26
342.00 FUEL HOLDERS	12-2049	55-R0.5 *	(3)	45,562,572.39	3,913,589	43,015,860	22.46	1,915,221	4.20
343.00 PRIME MOVERS	12-2049	75-O1 *	(3)	31,034,701.06	7,735,625	24,230,117	22.77	1,064,125	3.43
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	28,838,294.60	6,635,874	10,667,102	5.07	2,103,965	7.30
TOTAL ACCOUNT 343 PRIME MOVERS				***59,872,995.66***	***14,371,500***	***34,897,219***	***11.02***	***3,168,090***	***5.29***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	29,466,322.86	14,150,248	16,494,728	22.79	723,770	2.46
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	11,303,633.26	5,408,948	6,233,795	16.90	368,864	3.26
TOTAL BAYSIDE COMMON				*253,333,617.97*	*65,652,757*	*184,246,348*	*19.05*	*9,672,588*	*3.82*
BAYSIDE UNIT 1									
341.00 STRUCTURES AND IMPROVEMENTS	12-2043	74-R2 *	(4)	21,251,285.23	9,610,255	12,491,081	18.22	685,570	3.23
342.00 FUEL HOLDERS	12-2043	55-R0.5 *	(3)	92,211,218.74	38,522,972	56,454,583	17.33	3,257,622	3.53
343.00 PRIME MOVERS	12-2043	75-O1 *	(3)	201,291,115.21	92,606,699	114,723,150	17.67	6,492,538	3.23
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2043	8-L0 *	40	56,011,117.50	15,480,086	18,126,585	4.71	3,848,532	6.87
TOTAL ACCOUNT 343 PRIME MOVERS				***257,302,232.71***	***108,086,785***	***132,849,735***	***12.85***	***10,341,070***	***4.02***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2043	55-S1 *	(4)	39,466,425.97	23,489,843	17,555,240	17.40	1,008,922	2.56
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2043	35-L2 *	(3)	1,175,705.21	673,431	537,545	12.94	41,541	3.53
TOTAL BAYSIDE UNIT 1				*411,406,867.86*	*180,383,286*	*219,888,184*	*14.34*	*15,334,725*	*3.73*
BAYSIDE UNIT 2									
341.00 STRUCTURES AND IMPROVEMENTS	12-2043	74-R2 *	(4)	27,131,136.17	14,552,665	13,663,717	18.24	749,107	2.76
342.00 FUEL HOLDERS	12-2043	55-R0.5 *	(3)	142,497,135.01	42,388,039	104,384,010	17.45	5,981,892	4.20
343.00 PRIME MOVERS	12-2043	75-O1 *	(3)	252,939,408.69	111,574,802	148,952,789	17.63	8,448,825	3.34
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2043	8-L0 *	40	71,747,592.34	17,829,200	25,219,356	4.76	5,298,184	7.38
TOTAL ACCOUNT 343 PRIME MOVERS				***324,687,001.03***	***129,404,001***	***174,172,145***	***12.67***	***13,747,009***	***4.23***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2043	55-S1 *	(4)	45,204,445.87	25,620,125	21,392,498	17.43	1,227,338	2.72
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2043	35-L2 *	(3)	1,455,592.35	853,789	645,471	13.02	49,575	3.41
TOTAL BAYSIDE UNIT 2				*540,975,310.43*	*212,818,619*	*314,257,841*	*14.45*	*21,754,921*	*4.02*
BAYSIDE UNIT 3									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	74-R2 *	(4)	656,349.29	75,171	607,432	23.89	25,426	3.87
342.00 FUEL HOLDERS	12-2049	55-R0.5 *	(3)	3,940,542.62	1,279,927	2,778,832	22.19	125,229	3.18
343.00 PRIME MOVERS	12-2049	75-O1 *	(3)	15,871,413.40	9,341,910	7,005,646	22.73	308,211	1.94
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	22,955.27	7,433	6,340	5.45	1,163	5.07
TOTAL ACCOUNT 343 PRIME MOVERS				***15,894,368.67***	***9,349,343***	***7,011,986***	***22.67***	***309,374***	***1.95***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	14,153,816.05	6,496,955	8,223,014	22.62	363,528	2.57
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	904.61	487	445	16.99	26	2.87
TOTAL BAYSIDE UNIT 3				*34,645,981.24*	*17,201,883*	*18,621,709*	*22.61*	*823,583*	*2.38*
BAYSIDE UNIT 4									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	74-R2 *	(4)	242,333.96	(73,139)	325,166	23.87	13,622	5.62
342.00 FUEL HOLDERS	12-2049	55-R0.5 *	(3)	3,372,330.65	1,418,335	2,055,166	22.05	93,205	2.76
343.00 PRIME MOVERS	12-2049	75-O1 *	(3)	15,850,670.55	9,598,326	6,727,865	22.72	296,121	1.87
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	42,590.23	13,270	12,284	5.58	2,201	5.17
TOTAL ACCOUNT 343 PRIME MOVERS				***15,893,260.78***	***9,611,596***	***6,740,149***	***22.59***	***298,322***	***1.88***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	4,168,999.00	2,059,329	2,276,430	22.48	101,265	2.43
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	904.61	487	445	16.99	26	2.87
TOTAL BAYSIDE UNIT 4				*23,677,829.00*	*13,016,608*	*11,397,356*	*22.50*	*506,440*	*2.14*
BAYSIDE UNIT 5									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	74-R2 *	(4)	793,114.26	(27,676)	852,515	23.93	35,625	4.49
342.00 FUEL HOLDERS	12-2049	55-R0.5 *	(3)	2,279,059.85	834,227	1,513,204	22.15	68,316	3.00
343.00 PRIME MOVERS	12-2049	75-O1 *	(3)	15,109,732.98	8,388,484	7,174,541	22.72	315,781	2.09
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	3,746,423.62	2,095,670	152,184	3.24	46,970	1.25
TOTAL ACCOUNT 343 PRIME MOVERS				***18,856,156.60***	***10,484,154***	***7,326,725***	***20.20***	***362,751***	***1.92***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	10,386,138.19	6,629,779	4,171,805	22.44	185,909	1.79
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL BAYSIDE UNIT 5				*32,314,468.90*	*17,920,483*	*13,864,249*	*21.24*	*652,601*	*2.02*

TAMPA ELECTRIC COMPANY

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ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
BAYSIDE UNIT 6									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	74-R2 *	(4)	2,656,231.54	695,088	2,067,393	23.86	86,647	3.26
342.00 FUEL HOLDERS	12-2049	55-R0.5 *	(3)	1,545,428.90	640,223	951,569	22.05	43,155	2.79
343.00 PRIME MOVERS	12-2049	75-O1 *	(3)	17,513,068.63	11,503,794	6,534,666	22.72	287,617	1.64
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	11,561.54	4,131	2,806	5.39	521	4.51
TOTAL ACCOUNT 343 PRIME MOVERS				***17,524,630.17***	***11,507,926***	***6,537,472***	***22.69***	***288,138***	***1.64***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	14,326,607.55	7,178,379	7,721,293	22.40	344,701	2.41
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	11,736.48	5,890	6,199	17.01	364	3.10
TOTAL BAYSIDE UNIT 6				*36,064,634.64*	*20,027,505*	*17,283,926*	*22.65*	*763,005*	*2.12*
TOTAL BAYSIDE POWER STATION				***1,332,418,710.04***	***527,021,142***	***779,559,613***	***15.75***	***49,507,863***	***3.72***
TOTAL OTHER PRODUCTION PLANT				***3,644,506,691.94***	***1,188,737,602***	***2,486,301,657***	***20.31***	***122,402,253***	***3.36***
SOLAR SITES									
341.00 STRUCTURES AND IMPROVEMENTS		30-S3	0	389,630,578.95	51,744,519	337,886,060	25.74	13,126,887	3.37
343.00 PRIME MOVERS		30-S3	0	1,110,482,449.90	97,011,381	1,013,471,068	26.94	37,619,565	3.39
345.00 ACCESSORY ELECTRIC EQUIPMENT		30-S3	0	267,298,627.97	35,783,835	231,514,793	25.64	9,029,438	3.38
348.00 ENERGY STORAGE EQUIPMENT		10-S3	0	29,513,911.38	4,476,523	25,037,388	8.25	3,034,835	10.28
TOTAL SOLAR SITES				***1,796,925,568.20***	***189,016,259***	***1,607,909,309***	***25.60***	***62,810,725***	***3.50***
DC MICRO GRID									
341.00 STRUCTURES AND IMPROVEMENTS		30-S3	0	-	-	-	30.00	-	3.33 **
343.00 PRIME MOVERS		30-S3	0	929,494.74	56,025	873,470	27.56	31,693	3.41
345.00 ACCESSORY ELECTRIC EQUIPMENT		30-S3	0	-	-	-	30.00	-	3.33 **
348.00 ENERGY STORAGE EQUIPMENT		10-S3	0	9,134.50	1,773	7,361	7.51	980	10.73
TOTAL DC MICRO GRID				***938,629.24***	***57,798***	***880,831***	***26.96***	***32,673***	***3.48***
MACDILL AIR FORCE BASE									
341.00 STRUCTURES AND IMPROVEMENTS	12-2055	74-R2 *	(4)	-	-	-	29.88	-	3.41 **
342.00 FUEL HOLDERS	12-2055	55-R0.5 *	(3)	-	-	-	27.50	-	3.71 **
343.00 PRIME MOVERS	12-2055	75-O1 *	(3)	-	-	-	27.89	-	3.66 **
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2055	55-S1 *	(4)	-	-	-	29.52	-	3.45 **
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2055	35-L2 *	(3)	-	-	-	26.70	-	3.78 **
348.00 ENERGY STORAGE EQUIPMENT	12-2055	10-S3 *	0	-	-	-	9.50	-	10.00 **
TOTAL MACDILL AIR FORCE BASE				-	-	-		-	
TOTAL PRODUCTION PLANT				***6,899,880,807.96***	***1,920,931,398***	***5,120,088,080***	***21.38***	***239,460,155***	***3.47***
TRANSMISSION									
350.01 LAND RIGHTS		75-S4	(10)	12,162,254.09	5,088,906	8,289,573	44.14	187,802	1.54
351.00 ENERGY STORAGE EQUIPMENT		10-S3	0	-	-	-	10.00	-	10.00 **
352.00 STRUCTURES AND IMPROVEMENTS		60-R3	(25)	76,177,081.30	16,085,642	79,135,710	47.94	1,650,724	2.17
353.00 STATION EQUIPMENT		45-S0	(5)	454,634,881.29	97,479,849	379,886,777	35.46	10,713,107	2.36
354.00 TOWERS AND FIXTURES		55-R4	(15)	5,092,060.55	5,281,270	574,599	8.78	65,444	1.29
355.00 POLES AND FIXTURES		50-R1	(50)	504,990,597.19	132,990,187	624,495,709	43.32	14,415,875	2.85
356.00 OVERHEAD CONDUCTORS AND DEVICES		55-R2	(40)	187,307,468.47	30,104,135	232,126,321	44.79	5,182,548	2.77
356.01 CLEARING RIGHTS-OF-WAY		55-R4	0	2,110,610.13	1,797,133	313,477	14.62	21,442	1.02
357.00 UNDERGROUND CONDUIT		60-R4	0	4,322,860.53	1,844,686	2,478,175	31.52	78,622	1.82
358.00 UNDERGROUND CONDUCTORS AND DEVICES		50-R4	(20)	12,346,787.11	3,958,270	10,857,875	31.41	345,682	2.80
359.00 ROADS AND TRAILS		65-R4	(10)	19,965,710.23	3,263,950	18,698,331	52.77	354,336	1.77
TOTAL TRANSMISSION				***1,279,110,310.89***	***297,894,028***	***1,356,856,547***	***41.10***	***33,015,582***	***2.58***
DISTRIBUTION									
361.00 STRUCTURES AND IMPROVEMENTS		60-R3	(40)	33,964,615.89	9,867,022	37,683,441	43.06	875,138	2.58
362.00 STATION EQUIPMENT		45-R1	(15)	323,608,731.52	79,668,418	292,481,623	34.62	8,448,343	2.61
363.00 ENERGY STORAGE EQUIPMENT		10-S3	0	-	-	-	10.00	-	10.00 **
364.00 POLES, TOWERS AND FIXTURES		35-R2.5	(70)	475,405,746.43	180,542,111	627,647,658	25.79	24,336,861	5.12
365.00 OVERHEAD CONDUCTORS AND DEVICES		50-R1.5	(20)	290,431,971.90	153,457,026	195,061,340	33.13	5,887,756	2.03
366.00 UNDERGROUND CONDUIT		60-R4	(5)	441,958,093.44	96,115,688	367,940,310	47.17	7,800,303	1.76
367.00 UNDERGROUND CONDUCTORS AND DEVICES		45-R1.5	(10)	742,409,241.49	36,671,003	779,979,163	40.75	19,140,593	2.58
368.00 LINE TRANSFORMERS		30-S2	(20)	995,139,376.49	367,078,001	827,089,251	21.21	38,995,250	3.92
369.00 SERVICES - OVERHEAD		45-R3	(30)	84,774,891.47	66,604,199	43,603,160	22.02	1,980,162	2.34
369.02 SERVICES - UNDERGROUND		45-R3	(20)	152,864,830.52	74,858,129	108,579,668	26.90	4,036,419	2.64
370.00 METERS - ANALOG AND AMR		20-R2	(30)	18,761,082.46	5,346,434	19,042,973	13.90	1,369,998	7.30
370.01 METERS - AMI		15-R2	(30)	115,201,620.18	7,017,790	142,744,316	11.49	12,423,352	10.78
370.10 EV CHARGERS		10-R2.5	0	7,247,338.08	682,788	6,564,550	9.01	728,585	10.05
373.00 STREET LIGHTING AND SIGNAL SYSTEMS		27-L1	(10)	388,101,236.25	127,676,497	299,234,862	21.12	14,168,317	3.65
373.02 STREET LIGHTING AND SIGNAL SYSTEMS - LS2		27-L1	(10)	19,223,926.25	951,455	20,194,863	25.77	783,658	4.08
TOTAL DISTRIBUTION				***4,089,092,702.37***	***1,206,536,561***	***3,767,847,178***	***26.73***	***140,974,735***	***3.45***

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
GENERAL PLANT									
390.00 STRUCTURES AND IMPROVEMENTS		60-R2	(10)	186,199,343.52	51,544,895	153,274,382	48.36	3,169,445	1.70
392.02 LIGHT TRUCKS - ENERGY DELIVERY		11-R1.5	25	32,079,048.02	7,792,221	16,267,065	7.99	2,035,928	6.35
392.03 HEAVY TRUCKS - ENERGY DELIVERY		16-L2	25	76,555,658.88	28,234,266	29,182,478	10.34	2,822,290	3.69
392.12 LIGHT TRUCKS - ENERGY SUPPLY		11-R1.5	25	5,328,560.74	2,181,642	1,814,779	6.89	263,393	4.94
392.13 HEAVY TRUCKS - ENERGY SUPPLY		16-L2	25	1,055,855.27	271,361	520,530	9.01	57,772	5.47
397.25 COMMUNICATION EQUIPMENT- FIBER		25-S2	(5)	44,397,245.19	27,514,234	19,102,874	14.97	1,276,077	2.87
TOTAL GENERAL PLANT				***345,615,711.62***	***117,538,618***	***220,162,108***	***22.87***	***9,624,905***	***2.78***
TOTAL TRANSMISSION, DISTRIBUTION AND GENERAL PLANT				**5,713,818,724.88**	**1,621,969,208**	**5,344,865,833**	**29.11**	**183,615,222**	**3.21**
TOTAL DEPRECIABLE PLANT				**12,613,699,532.84**	**3,542,900,606**	**10,464,953,913**	**24.74**	**423,075,377**	**3.35**
ACCOUNTS NOT STUDIED									
LAND									
310.00 LAND-STEAM PRODUCTION				6,923,628.51	-				
340.00 LAND-OTHER PRODUCTION				19,790,232.52	-				
340.99 LAND-SOLAR PRODUCTION				174,163,368.97	-				
350.00 LAND-TRANSMISSION				17,792,832.76	-				
360.00 LAND-DISTRIBUTION				10,119,782.54	-				
389.00 LAND-GENERAL				3,286,630.42	-				
TOTAL LAND				*232,076,475.72*	-				
AMORTIZABLE									
303.15 SOFTWARE - 15 YEAR				566,825,259.60	176,392,257				
303.99 INTANGIBLE SOFTWARE SOLAR - 30 YEAR				4,626,591.23	364,237				
312.47 BIG BEND FUEL CLAUSE				10,156,523.81	10,187,110				
316.47 BIG BEND TOOLS				310,963.11	250,001				
346.87 POLK TOOLS				1,940,358.72	1,010,857				
346.37 BAYSIDE TOOLS				268,326.20	167,815				
391.01 OFFICE FURNITURE AND EQUIPMENT				8,137,066.22	3,957,300				
391.02 COMPUTER EQUIPMENT				15,306,389.49	9,054,396				
391.04 MAINFRAME EQUIPMENT				57,774,807.50	25,041,686				
393.00 STORES EQUIPMENT				26,819.86	3,835				
394.00 TOOLS, SHOP AND GARAGE EQUIPMENT				15,568,742.99	6,505,199				
394.01 ECCR SOLAR CAR PORT				4,188,533.43	2,993,234				
395.00 LABORATORY EQUIPMENT				2,999,813.02	1,401,002				
397.00 COMMUNICATION EQUIPMENT				44,534,719.17	25,243,317				
398.00 MISCELLANEOUS EQUIPMENT				5,579,193.22	2,793,456				
TOTAL AMORTIZABLE				*738,244,107.57*	*265,365,700*				
TOTAL ACCOUNTS NOT STUDIED				**970,320,583.29**	**265,365,700**				
TOTAL ELECTRIC PLANT				**13,584,020,116.13**	**3,808,266,306**				

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.
** CALCULATED DEPRECIATION RATE TO BE APPLIED TO FUTURE INSTALLED PLANT IN-SERVICE

TAMPA ELECTRIC COMPANY

TABLE 2. COMPARISON OF ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON EXISTING AND PROPOSED DEPRECIATION PARAMETERS

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	EXISTING ESTIMATES: PROBABLE RETIREMENT DATE	EXISTING ESTIMATES: SURVIVOR CURVE	EXISTING ESTIMATES: NET SALVAGE PERCENT	EXISTING ESTIMATES: ANNUAL DEPRECIATION ACCRUALS	EXISTING ESTIMATES: ANNUAL DEPRECIATION RATE	PROPOSED ESTIMATES: PROBABLE RETIREMENT DATE	PROPOSED ESTIMATES: SURVIVOR CURVE	PROPOSED ESTIMATES: NET SALVAGE PERCENT	PROPOSED ESTIMATES: ANNUAL DEPRECIATION ACCRUALS	PROPOSED ESTIMATES: ANNUAL DEPRECIATION RATE	INCREASE/ DECREASE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)=(12)-(7)
STEAM PRODUCTION PLANT													
BIG BEND POWER PLANT													
BIG BEND COMMON													
311.00 STRUCTURES AND IMPROVEMENTS	252,807,167.66	71,630,371	12-2045	VARIOUS *	(2)	8,089,829	3.20	12-2062	75-R1.5 *	(6)	5,699,426	2.25	(2,390,403)
312.00 BOILER PLANT EQUIPMENT	219,407,898.74	48,398,158	12-2045	VARIOUS *	(5)	10,092,763	4.60	12-2062	60-O3 *	(9)	6,723,879	3.06	(3,368,884)
314.00 TURBOGENERATOR UNITS	28,314,959.60	(856,157)	12-2045	VARIOUS *	(6)	877,764	3.10	12-2062	45-R1 *	(9)	1,000,930	3.53	123,166
315.00 ACCESSORY ELECTRIC EQUIPMENT	43,865,595.04	19,735,461	12-2045	VARIOUS *	(5)	1,535,296	3.50	12-2062	50-R1.5 *	(4)	860,244	1.96	(675,052)
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	26,457,682.67	11,831,648	12-2045	VARIOUS *	(2)	873,104	3.30	12-2062	55-R0.5 *	(1)	478,644	1.81	(394,460)
TOTAL BIG BEND COMMON	*570,853,303.71*	*150,739,482*				*21,468,756*	*3.77*				*14,763,123*	*2.59*	*(6,705,633)*
BIG BEND UNIT 4													
311.00 STRUCTURES AND IMPROVEMENTS	104,628,975.73	54,187,413	12-2045	VARIOUS *	(2)	1,987,951	1.90	12-2040	75-R1.5 *	(6)	3,721,739	3.56	1,733,788
312.00 BOILER PLANT EQUIPMENT	552,262,971.74	218,119,144	12-2045	VARIOUS *	(5)	18,224,678	3.30	12-2040	60-O3 *	(9)	26,974,525	4.88	8,749,847
314.00 TURBOGENERATOR UNITS	123,977,661.84	52,223,808	12-2045	VARIOUS *	(6)	3,967,285	3.20	12-2040	45-R1 *	(9)	5,867,788	4.73	1,900,503
315.00 ACCESSORY ELECTRIC EQUIPMENT	97,538,411.46	61,793,800	12-2045	VARIOUS *	(5)	2,828,614	2.90	12-2040	50-R1.5 *	(4)	2,728,572	2.80	(100,042)
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	8,248,594.10	6,056,093	12-2045	VARIOUS *	(2)	148,475	1.80	12-2040	55-R0.5 *	(1)	158,757	1.92	10,282
TOTAL BIG BEND UNIT 4	*886,656,614.87*	*392,380,258*				*27,157,003*	*3.06*				*39,451,381*	*4.45*	*12,294,378*
TOTAL BIG BEND POWER PLANT	***1,457,509,918.58***	***543,119,740***				***48,625,759***	***3.34***				***54,214,504***	***3.72***	***5,588,745***
TOTAL STEAM PRODUCTION PLANT	***1,457,509,918.58***	***543,119,740***				***48,625,759***	***3.34***				***54,214,504***	***3.72***	***5,588,745***
OTHER PRODUCTION													
BIG BEND POWER PLANT													
BIG BEND UNIT 1													
341.00 STRUCTURES AND IMPROVEMENTS	2,290,548.98	1,536,810	12-2057	VARIOUS *	0	66,426	2.90	12-2062	74-R2 *	(4)	29,373	1.28	(37,053)
342.00 FUEL HOLDERS	3,390,810.17	1,599,040	12-2057	VARIOUS *	0	98,333	2.90	12-2062	55-R0.5 *	(3)	65,248	1.92	(33,085)
343.00 PRIME MOVERS	459,001,278.17	19,610,395	12-2057	VARIOUS *	0	13,311,037	2.90	12-2062	75-O1 *	(3)	13,674,138	2.98	363,101
345.00 ACCESSORY ELECTRIC EQUIPMENT	546,961.13	95,858	12-2057	VARIOUS *	0	15,862	2.90	12-2062	55-S1 *	(4)	14,403	2.63	(1,459)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	308,525.93	245,094	12-2057	VARIOUS *	0	8,947	2.90	12-2062	35-L2 *	(3)	8,195	2.66	(752)
TOTAL BIG BEND UNIT 1	*465,538,124.38*	*23,087,198*				*13,500,605*	*2.90*				*13,791,357*	*2.96*	*290,752*
BIG BEND UNIT 4													
341.00 STRUCTURES AND IMPROVEMENTS	3,311,083.09	1,048,804	12-2049	VARIOUS *	(2)	119,199	3.60	12-2049	74-R2 *	(4)	100,366	3.03	(18,833)
342.00 FUEL HOLDERS	5,596,200.86	216,754	12-2049	VARIOUS *	(5)	145,501	2.60	12-2049	55-R0.5 *	(3)	246,111	4.40	100,610
343.00 PRIME MOVERS	23,563,084.18	10,732,429	12-2049	VARIOUS *	(7)	730,456	3.10	12-2049	75-O1 *	(3)	594,534	2.52	(135,922)
345.00 ACCESSORY ELECTRIC EQUIPMENT	15,256,508.47	7,575,498	12-2049	VARIOUS *	(5)	427,182	2.80	12-2049	55-S1 *	(4)	369,157	2.42	(58,025)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	510,664.71	252,987	12-2049	VARIOUS *	(2)	14,809	2.90	12-2049	35-L2 *	(3)	15,965	3.13	1,156
TOTAL BIG BEND UNIT 4	*48,237,541.31*	*19,826,472*				*1,437,147*	*2.98*				*1,326,133*	*2.75*	*(111,014)*
BIG BEND UNIT 5													
341.00 STRUCTURES AND IMPROVEMENTS	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	74-R2 *	(4)	-	1.41 **	-
342.00 FUEL HOLDERS	506,226.31	(21,322)	12-2057	VARIOUS *	0	14,681	2.90	12-2062	55-R0.5 *	(3)	16,751	3.31	2,070
343.00 PRIME MOVERS	176,678,691.06	14,301,530	12-2057	VARIOUS *	0	5,123,682	2.90	12-2062	75-O1 *	(3)	5,076,522	2.87	(47,160)
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	55-S1 *	(4)	-	1.89 **	-
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	35-L2 *	(3)	-	2.94 **	-
TOTAL BIG BEND UNIT 5	*177,184,917.37*	*14,280,209*				*5,138,363*	*2.90*				*5,093,273*	*2.87*	*(45,090)*
BIG BEND UNIT 6													
341.00 STRUCTURES AND IMPROVEMENTS	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	74-R2 *	(4)	-	1.41 **	-
342.00 FUEL HOLDERS	528,137.88	(3,843)	12-2057	VARIOUS *	0	15,316	2.90	12-2062	55-R0.5 *	(3)	16,908	3.20	1,592
343.00 PRIME MOVERS	175,430,566.71	14,231,833	12-2057	VARIOUS *	0	5,087,486	2.90	12-2062	75-O1 *	(3)	5,039,711	2.87	(47,775)
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	55-S1 *	(4)	-	1.89 **	-
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	35-L2 *	(3)	-	2.94 **	-
TOTAL BIG BEND UNIT 6	*175,958,704.59*	*14,227,991*				*5,102,802*	*2.90*				*5,056,619*	*2.87*	*(46,183)*
TOTAL BIG BEND POWER STATION	***866,919,287.65***	***71,421,868***				***25,178,917***	***2.90***				***25,267,382***	***2.91***	***88,465***
POLK POWER STATION													
POLK COMMON													
341.00 STRUCTURES AND IMPROVEMENTS	192,917,189.90	67,373,353	12-2047	VARIOUS *	(2)	5,980,433	3.10	12-2052	74-R2 *	(4)	5,011,678	2.60	(968,755)
342.00 FUEL HOLDERS	12,705,608.13	3,274,313	12-2047	VARIOUS *	(5)	381,168	3.00	12-2052	55-R0.5 *	(3)	397,266	3.13	16,098
343.00 PRIME MOVERS	13,916,023.17	1,969,286	12-2047	VARIOUS *	(7)	500,977	3.60	12-2052	75-O1 *	(3)	489,284	3.52	(11,693)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	-	-	12-2047	VARIOUS *	(7)	-	3.60	12-2052	8-L0 *	40	-	7.50 **	-
345.00 ACCESSORY ELECTRIC EQUIPMENT	14,519,008.44	4,521,661	12-2047	VARIOUS *	(5)	522,684	3.60	12-2052	55-S1 *	(4)	413,046	2.84	(109,638)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,259,907.78	68,358	12-2047	VARIOUS *	(2)	70,532	5.60	12-2052	35-L2 *	(3)	58,857	4.67	(11,675)
TOTAL POLK COMMON	*235,317,337.42*	*77,206,969*				*7,453,794*	*3.17*				*6,370,131*	*2.71*	*(1,083,663)*
POLK UNIT 1 GASIFIER													
341.00 STRUCTURES AND IMPROVEMENTS	53,047,915.23	28,573,732	12-2036	VARIOUS *	(2)	1,962,773	3.70	12-2036	74-R2 *	(4)	2,271,230	4.28	308,457
342.00 FUEL HOLDERS	248,976,995.69	152,814,023	12-2036	VARIOUS *	(5)	10,208,057	4.10	12-2036	55-R0.5 *	(3)	9,187,259	3.69	(1,020,798)
343.00 PRIME MOVERS	148,649,197.45	88,650,997	12-2036	VARIOUS *	(7)	6,837,863	4.60	12-2036	75-O1 *	(3)	5,610,432	3.77	(1,227,431)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	15,096,275.70	3,996,254	12-2036	VARIOUS *	(7)	694,429	4.60	12-2036	8-L0 *	40	1,069,882	7.09	375,453
345.00 ACCESSORY ELECTRIC EQUIPMENT	60,548,846.73	45,710,331	12-2036	VARIOUS *	(5)	1,998,112	3.30	12-2036	55-S1 *	(4)	1,535,629	2.54	(462,483)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	6,316,781.98	3,118,987	12-2036	VARIOUS *	(2)	255,305	4.20	12-2036	35-L2 *	(3)	323,396	5.28	68,091
TOTAL POLK UNIT 1 GASIFIER	*532,636,012.78*	*322,864,325*				*21,956,539*	*4.12*				*20,007,828*	*3.76*	*(1,958,711)*
POLK UNIT 2													
341.00 STRUCTURES AND IMPROVEMENTS	2,342,155.29	1,331,857	12-2040	VARIOUS *	(2)	60,896	2.60	12-2052	74-R2 *	(4)	42,137	1.80	(18,759)
342.00 FUEL HOLDERS	2,365,638.35	690,923	12-2040	VARIOUS *	(5)	101,722	4.30	12-2052	55-R0.5 *	(3)	71,398	3.02	(30,324)
343.00 PRIME MOVERS	28,974,176.09	9,221,430	12-2040	VARIOUS *	(7)	1,419,735	4.90	12-2052	75-O1 *	(3)	819,698	2.83	(600,037)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	7,088,119.44	1,558,312	12-2040	VARIOUS *	(7)	347,318	4.90	12-2052	8-L0 *	40	516,005	7.28	168,687
345.00 ACCESSORY ELECTRIC EQUIPMENT	19,207,796.38	11,226,500	12-2040	VARIOUS *	(5)	653,065	3.40	12-2052	55-S1 *	(4)	370,589	1.93	(282,476)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	173,209.91	139,897	12-2040	VARIOUS *	(2)	2,945	1.70	12-2052	35-L2 *	(3)	2,604	1.50	(341)
TOTAL POLK UNIT 2	*60,151,095.46*	*24,168,919*				*2,585,681*	*4.30*				*1,822,431*	*3.03*	*(763,250)*
POLK UNIT 3													
341.00 STRUCTURES AND IMPROVEMENTS	10,708,676.69	6,000,960	12-2042	VARIOUS *	(2)	278,426	2.60	12-2052	74-R2 *	(4)	196,183	1.83	(82,243)
342.00 FUEL HOLDERS	1,514,894.73	645,094	12-2042	VARIOUS *	(5)	48,477	3.20	12-2052	55-R0.5 *	(3)	37,883	2.50	(10,594)
343.00 PRIME MOVERS	32,249,524.22	21,819,630	12-2042	VARIOUS *	(7)	1,160,983	3.60	12-2052	75-O1 *	(3)	454,127	1.41	(706,856)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	6,150,760.39	1,613,264	12-2042	VARIOUS *	(7)	221,427	3.60	12-2052	8-L0 *	40	357,189	5.81	135,762
345.00 ACCESSORY ELECTRIC EQUIPMENT	9,125,740.63	5,945,160	12-2042	VARIOUS *	(5)	346,778	3.80	12-2052	55-S1 *	(4)	151,781	1.66	(194,997)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	432,910.42	283,697	12-2042	VARIOUS *	(2)	9,524	2.20	12-2052	35-L2 *	(3)	10,560	2.44	1,036
TOTAL POLK UNIT 3	*60,182,507.08*	*36,307,805*				*2,065,615*	*3.43*				*1,207,723*	*2.01*	*(857,892)*

TAMPA ELECTRIC COMPANY

TABLE 2. COMPARISON OF ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON EXISTING AND PROPOSED DEPRECIATION PARAMETERS

			EXISTING ESTIMATES					PROPOSED ESTIMATES					
ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	INCREASE/ DECREASE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)=(12)-(7)
POLK UNIT 4													
341.00 STRUCTURES AND IMPROVEMENTS	5,818,840.91	2,412,947	12-2047	VARIOUS *	(2)	157,109	2.70	12-2052	74-R2 *	(4)	137,723	2.37	(19,386)
342.00 FUEL HOLDERS	2,369,198.87	239,613	12-2047	VARIOUS *	(5)	66,338	2.80	12-2052	55-R0.5 *	(3)	90,154	3.81	23,816
343.00 PRIME MOVERS	21,726,818.11	7,378,258	12-2047	VARIOUS *	(7)	1,021,160	4.70	12-2052	75-O1 *	(3)	596,779	2.75	(424,381)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	6,688,260.11	1,033,396	12-2047	VARIOUS *	(7)	314,348	4.70	12-2052	8-L0 *	40	503,954	7.53	189,606
345.00 ACCESSORY ELECTRIC EQUIPMENT	5,586,747.43	3,437,915	12-2047	VARIOUS *	(5)	139,669	2.50	12-2052	55-S1 *	(4)	97,706	1.75	(41,963)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2047	VARIOUS *	(2)	-	3.60	12-2052	35-L2 *	(3)	-	2.94 **	-
TOTAL POLK UNIT 4	*42,189,865.43*	*14,502,128*				*1,698,624*	*4.03*				*1,426,316*	*3.38*	*(272,308)*
POLK UNIT 5													
341.00 STRUCTURES AND IMPROVEMENTS	5,748,794.52	2,423,788	12-2047	VARIOUS *	(2)	155,217	2.70	12-2052	74-R2 *	(4)	134,556	2.34	(20,661)
342.00 FUEL HOLDERS	2,759,831.05	767,540	12-2047	VARIOUS *	(5)	102,114	3.70	12-2052	55-R0.5 *	(3)	84,767	3.07	(17,347)
343.00 PRIME MOVERS	19,842,748.02	6,026,359	12-2047	VARIOUS *	(7)	992,137	5.00	12-2052	75-O1 *	(3)	573,840	2.89	(418,297)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	5,380,611.60	823,354	12-2047	VARIOUS *	(7)	269,031	5.00	12-2052	8-L0 *	40	423,699	7.87	154,668
345.00 ACCESSORY ELECTRIC EQUIPMENT	5,471,617.10	3,427,254	12-2047	VARIOUS *	(5)	142,262	2.60	12-2052	55-S1 *	(4)	93,367	1.71	(48,895)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2047	VARIOUS *	(2)	-	3.60	12-2052	35-L2 *	(3)	-	2.94 **	-
TOTAL POLK UNIT 5	*39,203,602.29*	*13,468,294*				*1,660,761*	*4.24*				*1,310,229*	*3.34*	*(350,532)*
POLK UNIT 6													
341.00 STRUCTURES AND IMPROVEMENTS	13,374,554.05	4,266,582	12-2052	VARIOUS *	(2)	347,738	2.60	12-2052	74-R2 *	(4)	357,544	2.67	9,806
342.00 FUEL HOLDERS	216,762,618.15	45,118,089	12-2052	VARIOUS *	(5)	6,502,879	3.00	12-2052	55-R0.5 *	(3)	7,212,446	3.33	709,567
343.00 PRIME MOVERS	226,870,880.17	47,795,255	12-2052	VARIOUS *	(7)	7,032,997	3.10	12-2052	75-O1 *	(3)	7,350,010	3.24	317,013
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	-	-	12-2052	VARIOUS *	(7)	-	3.10	12-2052	8-L0 *	40	-	7.50 **	-
345.00 ACCESSORY ELECTRIC EQUIPMENT	18,338,595.01	4,565,339	12-2052	VARIOUS *	(5)	550,158	3.00	12-2052	55-S1 *	(4)	557,097	3.04	6,939
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	141,626.41	30,886	12-2052	VARIOUS *	(2)	4,249	3.00	12-2052	35-L2 *	(3)	5,253	3.71	1,004
TOTAL POLK UNIT 6	*475,488,273.79*	*101,776,150*				*14,438,021*	*3.04*				*15,482,350*	*3.26*	*1,044,329*
TOTAL POLK POWER STATION	***1,445,168,694.25***	***590,294,591***				***51,871,035***	***3.59***				***47,627,008***	***3.30***	***(4,244,027)***
BAYSIDE POWER STATION													
BAYSIDE COMMON													
341.00 STRUCTURES AND IMPROVEMENTS	107,128,093.80	27,808,472	12-2049	VARIOUS *	(2)	3,642,355	3.40	12-2049	74-R2 *	(4)	3,496,643	3.26	(145,712)
342.00 FUEL HOLDERS	45,562,572.39	3,913,589	12-2049	VARIOUS *	(5)	1,366,877	3.00	12-2049	55-R0.5 *	(3)	1,915,221	4.20	548,344
343.00 PRIME MOVERS	31,034,701.06	7,585,820	12-2049	VARIOUS *	(7)	1,706,909	5.50	12-2049	75-O1 *	(3)	1,064,125	3.43	(642,784)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	28,838,294.60	6,785,680	12-2049	VARIOUS *	(7)	1,586,106	5.50	12-2049	8-L0 *	40	2,103,965	7.30	517,859
345.00 ACCESSORY ELECTRIC EQUIPMENT	29,466,322.86	14,150,248	12-2049	VARIOUS *	(5)	972,389	3.30	12-2049	55-S1 *	(4)	723,770	2.46	(248,619)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	11,303,633.26	5,408,948	12-2049	VARIOUS *	(2)	452,145	4.00	12-2049	35-L2 *	(3)	368,864	3.26	(83,281)
TOTAL BAYSIDE COMMON	*253,333,617.97*	*65,652,757*				*9,726,781*	*3.84*				*9,672,588*	*3.82*	*(54,193)*
BAYSIDE UNIT 1													
341.00 STRUCTURES AND IMPROVEMENTS	21,251,285.23	9,610,255	12-2038	VARIOUS *	(2)	765,046	3.60	12-2043	74-R2 *	(4)	685,570	3.23	(79,476)
342.00 FUEL HOLDERS	92,211,218.74	38,522,972	12-2038	VARIOUS *	(5)	3,688,449	4.00	12-2043	55-R0.5 *	(3)	3,257,622	3.53	(430,827)
343.00 PRIME MOVERS	201,291,115.21	94,122,674	12-2038	VARIOUS *	(7)	12,278,758	6.10	12-2043	75-O1 *	(3)	6,492,538	3.23	(5,786,220)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	56,011,117.50	13,964,111	12-2038	VARIOUS *	(7)	3,416,678	6.10	12-2043	8-L0 *	40	3,848,532	6.87	431,854
345.00 ACCESSORY ELECTRIC EQUIPMENT	39,466,425.97	23,469,843	12-2038	VARIOUS *	(5)	1,618,123	4.10	12-2043	55-S1 *	(4)	1,008,922	2.56	(609,201)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,175,705.21	673,431	12-2038	VARIOUS *	(2)	37,623	3.20	12-2043	35-L2 *	(3)	41,541	3.53	3,918
TOTAL BAYSIDE UNIT 1	*411,406,867.86*	*180,383,286*				*21,804,677*	*5.30*				*15,334,725*	*3.73*	*(6,469,952)*
BAYSIDE UNIT 2													
341.00 STRUCTURES AND IMPROVEMENTS	27,131,136.17	14,552,665	12-2038	VARIOUS *	(2)	949,590	3.50	12-2043	74-R2 *	(4)	749,107	2.76	(200,483)
342.00 FUEL HOLDERS	142,497,135.01	42,388,039	12-2038	VARIOUS *	(5)	5,557,388	3.90	12-2043	55-R0.5 *	(3)	5,981,892	4.20	424,504
343.00 PRIME MOVERS	252,939,408.69	113,313,487	12-2038	VARIOUS *	(7)	15,682,243	6.20	12-2043	75-O1 *	(3)	8,448,825	3.34	(7,233,418)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	71,747,592.34	16,090,514	12-2038	VARIOUS *	(7)	4,448,351	6.20	12-2043	8-L0 *	40	5,298,184	7.38	849,833
345.00 ACCESSORY ELECTRIC EQUIPMENT	45,204,445.87	25,620,125	12-2038	VARIOUS *	(5)	1,853,382	4.10	12-2043	55-S1 *	(4)	1,227,338	2.72	(626,044)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,455,592.35	853,789	12-2038	VARIOUS *	(2)	48,035	3.30	12-2043	35-L2 *	(3)	49,575	3.41	1,540
TOTAL BAYSIDE UNIT 2	*540,975,310.43*	*212,818,619*				*28,538,989*	*5.28*				*21,754,921*	*4.02*	*(6,784,068)*
BAYSIDE UNIT 3													
341.00 STRUCTURES AND IMPROVEMENTS	656,349.29	75,171	12-2049	VARIOUS *	(2)	22,972	3.50	12-2049	74-R2 *	(4)	25,426	3.87	2,454
342.00 FUEL HOLDERS	3,940,542.62	1,279,927	12-2049	VARIOUS *	(5)	126,097	3.20	12-2049	55-R0.5 *	(3)	125,229	3.18	(868)
343.00 PRIME MOVERS	15,871,413.40	9,341,596	12-2049	VARIOUS *	(7)	492,014	3.10	12-2049	75-O1 *	(3)	308,211	1.94	(183,803)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	22,955.27	7,747	12-2049	VARIOUS *	(7)	712	3.10	12-2049	8-L0 *	40	1,163	5.07	451
345.00 ACCESSORY ELECTRIC EQUIPMENT	14,153,816.05	6,496,955	12-2049	VARIOUS *	(5)	382,153	2.70	12-2049	55-S1 *	(4)	363,528	2.57	(18,625)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	904.61	487	12-2049	VARIOUS *	(2)	31	3.40	12-2049	35-L2 *	(3)	26	2.87	(5)
TOTAL BAYSIDE UNIT 3	*34,645,981.24*	*17,201,883*				*1,023,979*	*2.96*				*823,583*	*2.38*	*(200,396)*
BAYSIDE UNIT 4													
341.00 STRUCTURES AND IMPROVEMENTS	242,333.96	(73,139)	12-2049	VARIOUS *	(2)	12,359	5.10	12-2049	74-R2 *	(4)	13,622	5.62	1,263
342.00 FUEL HOLDERS	3,372,330.65	1,418,335	12-2049	VARIOUS *	(5)	107,915	3.20	12-2049	55-R0.5 *	(3)	93,205	2.76	(14,710)
343.00 PRIME MOVERS	15,850,670.55	9,597,783	12-2049	VARIOUS *	(7)	507,221	3.20	12-2049	75-O1 *	(3)	296,121	1.87	(211,100)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	42,590.23	13,833	12-2049	VARIOUS *	(7)	1,363	3.20	12-2049	8-L0 *	40	2,201	5.17	838
345.00 ACCESSORY ELECTRIC EQUIPMENT	4,168,999.00	2,059,329	12-2049	VARIOUS *	(5)	116,732	2.80	12-2049	55-S1 *	(4)	101,265	2.43	(15,467)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	904.61	487	12-2049	VARIOUS *	(2)	31	3.40	12-2049	35-L2 *	(3)	26	2.87	(5)
TOTAL BAYSIDE UNIT 4	*23,677,829.00*	*13,016,608*				*745,621*	*3.15*				*506,440*	*2.14*	*(239,181)*
BAYSIDE UNIT 5													
341.00 STRUCTURES AND IMPROVEMENTS	793,114.26	(27,676)	12-2049	VARIOUS *	(2)	34,897	4.40	12-2049	74-R2 *	(4)	35,625	4.49	728
342.00 FUEL HOLDERS	2,279,059.85	834,227	12-2049	VARIOUS *	(5)	75,209	3.30	12-2049	55-R0.5 *	(3)	68,316	3.00	(6,893)
343.00 PRIME MOVERS	15,109,732.98	8,388,484	12-2049	VARIOUS *	(7)	513,731	3.40	12-2049	75-O1 *	(3)	315,781	2.09	(197,950)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	3,746,423.62	2,095,670	12-2049	VARIOUS *	(7)	127,378	3.40	12-2049	8-L0 *	40	46,970	1.25	(80,408)
345.00 ACCESSORY ELECTRIC EQUIPMENT	10,386,138.19	6,629,779	12-2049	VARIOUS *	(5)	280,426	2.70	12-2049	55-S1 *	(4)	185,909	1.79	(94,517)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2049	VARIOUS *	(2)	-	3.90	12-2049	35-L2 *	(3)	-	2.94 **	-
TOTAL BAYSIDE UNIT 5	*32,314,468.90*	*17,920,483*				*1,031,641*	*3.19*				*652,601*	*2.02*	*(379,040)*
BAYSIDE UNIT 6													
341.00 STRUCTURES AND IMPROVEMENTS	2,656,231.54	695,088	12-2049	VARIOUS *	(2)	82,343	3.10	12-2049	74-R2 *	(4)	86,647	3.26	4,304
342.00 FUEL HOLDERS	1,545,428.90	640,223	12-2049	VARIOUS *	(5)	57,181	3.70	12-2049	55-R0.5 *	(3)	43,155	2.79	(14,026)
343.00 PRIME MOVERS	17,513,068.63	11,503,619	12-2049	VARIOUS *	(7)	472,853	2.70	12-2049	75-O1 *	(3)	287,617	1.64	(185,236)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	11,561.54	4,307	12-2049	VARIOUS *	(7)	312	2.70	12-2049	8-L0 *	40	521	4.51	209
345.00 ACCESSORY ELECTRIC EQUIPMENT	14,326,607.55	7,178,379	12-2049	VARIOUS *	(5)	401,145	2.80	12-2049	55-S1 *	(4)	344,701	2.41	(56,444)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	11,736.48	5,890	12-2049	VARIOUS *	(2)	258	2.20	12-2049	35-L2 *	(3)	364	3.10	106
TOTAL BAYSIDE UNIT 6	*36,064,634.64*	*20,027,505*				*1,014,092*	*2.81*				*763,005*	*2.12*	*(251,087)*
TOTAL BAYSIDE POWER STATION	***1,332,418,710.04***	***527,021,142***				***63,885,780***	***4.79***				***49,907,863***	***3.72***	***(14,377,917)***
TOTAL OTHER PRODUCTION PLANT	***3,644,506,691.94***	***1,188,737,602***				***140,935,732***	***3.87***				***122,402,253***	***3.36***	***(18,533,479)***

TAMPA ELECTRIC COMPANY

TABLE 2. COMPARISON OF ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON EXISTING AND PROPOSED DEPRECIATION PARAMETERS

ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	EXISTING ESTIMATES PROBABLE RETIREMENT DATE	EXISTING ESTIMATES SURVIVOR CURVE	EXISTING ESTIMATES NET SALVAGE PERCENT	EXISTING ESTIMATES ANNUAL DEPRECIATION ACCRUALS	EXISTING ESTIMATES ANNUAL DEPRECIATION RATE	PROPOSED ESTIMATES PROBABLE RETIREMENT DATE	PROPOSED ESTIMATES SURVIVOR CURVE	PROPOSED ESTIMATES NET SALVAGE PERCENT	PROPOSED ESTIMATES ANNUAL DEPRECIATION ACCRUALS	PROPOSED ESTIMATES ANNUAL DEPRECIATION RATE	INCREASE/ DECREASE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)=(12)-(7)
SOLAR SITES													
341.00 STRUCTURES AND IMPROVEMENTS	389,630,578.95	51,744,519		35-SQ	0	11,299,287	2.90		30-S3	0	13,126,887	3.37	1,827,600
343.00 PRIME MOVERS	1,110,482,449.90	97,011,381		35-SQ	0	32,203,991	2.90		30-S3	0	37,619,565	3.39	5,415,574
345.00 ACCESSORY ELECTRIC EQUIPMENT	267,298,627.97	35,783,835		35-SQ	0	7,751,660	2.90		30-S3	0	9,029,438	3.38	1,277,778
348.00 ENERGY STORAGE EQUIPMENT	29,513,911.38	4,476,523		10-SQ	0	2,951,391	10.00		10-S3	0	3,034,835	10.28	83,444
TOTAL SOLAR SITES	***1,796,925,568.20***	***189,016,259***				***54,206,329***	***2.90***				***62,810,725***	***3.50***	***8,604,396***
DC MICRO GRID													
341.00 STRUCTURES AND IMPROVEMENTS	-	-		30-SQ	0	-	3.33		30-S3	0	-	3.33 **	-
343.00 PRIME MOVERS	929,494.74	56,025		30-SQ	0	30,952	3.33		30-S3	0	31,693	3.41	741
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-		30-SQ	0	-	3.33		30-S3	0	-	3.33 **	-
348.00 ENERGY STORAGE EQUIPMENT	9,134.50	1,773		10-SQ	0	913	10.00		10-S3	0	980	10.73	67
TOTAL DC MICRO GRID	***938,629.24***	***57,798***				***31,865***	***2.90***				***32,673***	***3.48***	***808***
MACDILL AIR FORCE BASE													
341.00 STRUCTURES AND IMPROVEMENTS	-	-		n/a	n/a	-	n/a	12-2055	74-R2 *	(4)	-	3.41 **	-
343.00 FUEL HOLDERS	-	-		n/a	n/a	-	n/a	12-2055	55-R0.5 *	(3)	-	3.71 **	-
343.00 PRIME MOVERS	-	-		n/a	n/a	-	n/a	12-2055	75-O1 *	(3)	-	3.66 **	-
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	55-S1 *	(4)	-	3.45 **	-
345.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	35-L2 *	(3)	-	3.78 **	-
348.00 ENERGY STORAGE EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	10-S3 *	0	-	10.00 **	-
TOTAL MACDILL AIR FORCE BASE	-	-				-					-		-
TOTAL PRODUCTION PLANT	***6,899,880,807.96***	***1,920,931,398***				***243,799,685***	***3.50***				***239,460,155***	***3.47***	***(4,339,530)***
TRANSMISSION													
350.01 LAND RIGHTS	12,162,254.09	5,088,906		75-SQ	0	158,109	1.30		75-S4	(10)	187,802	1.54	29,693
351.00 ENERGY STORAGE EQUIPMENT	-	-		10-SQ	0	-	10.00		10-S3	0	-	10.00 **	-
352.00 STRUCTURES AND IMPROVEMENTS	76,177,081.30	16,085,642		60-R3	(5)	1,371,187	1.80		60-R3	(25)	1,650,724	2.17	279,537
353.00 STATION EQUIPMENT	454,634,881.29	97,479,849		45-S0	(5)	10,911,237	2.40		45-S0	(5)	10,713,107	2.36	(198,130)
354.00 TOWERS AND FIXTURES	5,092,060.55	5,281,270		55-R5	(15)	142,578	2.80		55-R4	(15)	65,444	1.29	(77,134)
355.00 POLES AND FIXTURES	504,990,597.19	132,990,187		50-R2	(40)	14,139,737	2.80		50-R1	(50)	14,415,875	2.85	276,138
356.00 OVERHEAD CONDUCTORS AND DEVICES	187,307,468.47	30,104,135		55-R2	(40)	5,431,917	2.90		55-R2	(40)	5,182,548	2.77	(249,369)
356.01 CLEARING RIGHTS-OF-WAY	2,110,610.13	1,797,133		50-L4	0	33,770	1.60		55-R4	0	21,442	1.02	(12,328)
357.00 UNDERGROUND CONDUIT	4,322,860.53	1,844,686		60-R5	0	73,489	1.70		60-R4	0	78,622	1.82	5,133
358.00 UNDERGROUND CONDUCTORS AND DEVICES	12,346,787.11	3,958,270		50-R5	0	333,363	2.70		50-R4	(20)	345,682	2.80	12,319
359.00 ROADS AND TRAILS	19,965,710.23	3,263,950		65-SQ	0	319,451	1.60		65-R4	(10)	354,336	1.77	34,885
TOTAL TRANSMISSION	***1,279,110,310.89***	***297,894,028***				***32,914,838***	***2.57***				***33,015,582***	***2.58***	***100,744***
DISTRIBUTION													
361.00 STRUCTURES AND IMPROVEMENTS	33,964,615.89	9,867,022		60-R3	(5)	611,363	1.80		60-R3	(40)	875,138	2.58	263,775
362.00 STATION EQUIPMENT	323,608,731.52	79,668,418		45-R1	(10)	8,090,218	2.50		45-R1	(15)	8,448,343	2.61	358,125
363.00 ENERGY STORAGE EQUIPMENT	-	-		10-SQ	0	-	10.00		10-S3	0	-	10.00 **	-
364.00 POLES, TOWERS AND FIXTURES	475,405,746.43	180,542,111		40-R3	(50)	17,590,013	3.70		35-R2.5	(70)	24,336,861	5.12	6,746,848
365.00 OVERHEAD CONDUCTORS AND DEVICES	290,431,971.90	153,457,026		45-R1	(20)	6,389,503	2.20		50-R1.5	(20)	5,887,756	2.03	(501,747)
366.00 UNDERGROUND CONDUIT	441,958,093.44	96,115,688		60-R3	(5)	7,513,288	1.70		60-R4	(5)	7,800,303	1.76	287,015
367.00 UNDERGROUND CONDUCTORS AND DEVICES	742,409,241.49	36,671,003		45-R1.5	(5)	17,075,413	2.30		45-R1.5	(10)	19,140,593	2.58	2,065,180
368.00 LINE TRANSFORMERS	995,139,376.49	367,078,001		30-S5	(20)	44,781,272	4.50		30-S2	(20)	38,995,250	3.92	(5,786,022)
369.00 SERVICES - OVERHEAD	84,774,891.47	66,604,199		45-R3	(20)	1,610,723	1.90		45-R3	(30)	1,980,162	2.34	369,439
369.02 SERVICES - UNDERGROUND	152,864,830.52	74,858,129		45-R3	(10)	3,515,891	2.30		45-R3	(20)	4,036,419	2.64	520,528
370.00 METERS - ANALOG AND AMR	18,761,082.46	5,346,434		20-R2	(30)	1,482,126	7.90		20-R2	(30)	1,369,998	7.30	(112,128)
370.01 METERS - AMI	115,201,620.18	7,017,790		15-R2	(30)	10,022,541	8.70		15-R2	(30)	12,423,352	10.78	2,400,811
370.10 EV CHARGERS	7,247,338.08	682,788		10-SQ	0	724,734	10.00		10-R2.5	0	728,585	10.05	3,851
373.00 STREET LIGHTING AND SIGNAL SYSTEMS	388,101,236.25	127,676,497		30-L1	(10)	10,866,835	2.80		27-L1	(10)	14,168,317	3.65	3,301,482
373.02 STREET LIGHTING AND SIGNAL SYSTEMS - LS2	19,223,926.25	951,455		30-L1	(10)	538,270	2.80		27-L1	(10)	783,658	4.08	245,388
TOTAL DISTRIBUTION	***4,089,092,702.37***	***1,206,536,561***				***130,812,190***	***3.20***				***140,974,735***	***3.45***	***10,162,545***
GENERAL PLANT													
390.00 STRUCTURES AND IMPROVEMENTS	186,199,343.52	51,544,895		60-R2	(4)	2,606,791	1.40		60-R2	(10)	3,169,445	1.70	562,654
392.02 LIGHT TRUCKS - ENERGY DELIVERY	32,079,948.02	7,792,221		13-S4	15	2,405,929	7.50		11-R1.5	25	2,035,928	6.35	(370,001)
392.03 HEAVY TRUCKS - ENERGY DELIVERY	76,555,658.88	28,234,266		17-S5	10	3,980,894	5.20		16-L2	25	2,822,290	3.69	(1,158,604)
392.12 LIGHT TRUCKS - ENERGY SUPPLY	5,328,560.74	2,181,642		12-R3	15	325,042	6.10		11-R1.5	25	263,393	4.94	(61,649)
392.13 HEAVY TRUCKS - ENERGY SUPPLY	1,055,855.27	271,361		25-S5	10	50,681	4.80		16-L2	25	57,772	5.47	7,091
397.25 COMMUNICATION EQUIPMENT - FIBER	44,397,245.19	27,514,234		20-R4	(5)	1,287,520	2.90		25-S2	(5)	1,276,077	2.87	(11,443)
TOTAL GENERAL PLANT	***345,615,711.62***	***117,538,618***				***10,656,857***	***3.08***				***9,624,905***	***2.78***	***(1,031,952)***
TOTAL TRANSMISSION, DISTRIBUTION AND GENERAL PLANT	**5,713,818,724.88**	**1,621,969,208**				**174,383,885**	**3.05**				**183,615,222**	**3.21**	**9,231,337**
TOTAL DEPRECIABLE PLANT	**12,613,699,532.84**	**3,542,900,606**				**418,183,570**	**3.32**				**423,075,377**	**3.35**	**4,891,807**

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.
** CALCULATED DEPRECIATION RATE TO BE APPLIED TO FUTURE INSTALLED PLANT IN-SERVICE

TAMPA ELECTRIC COMPANY

TABLE 4. CALCULATION OF WEIGHTED NET SALVAGE PERCENT FOR GENERATION PLANT AS OF DECEMBER 31, 2024
BASED ON PRELIMINARY ESTIMATES USING DATA THROUGH 2022

ACCOUNT		TERMINAL RETIREMENTS RETIREMENTS ($)	TERMINAL RETIREMENTS NET SALVAGE (%)	TERMINAL RETIREMENTS NET SALVAGE ($)	INTERIM RETIREMENTS RETIREMENTS ($)	INTERIM RETIREMENTS NET SALVAGE (%)	INTERIM RETIREMENTS NET SALVAGE ($)	TOTAL NET SALVAGE ($)	TOTAL RETIREMENTS	ESTIMATED NET SALVAGE (%)
(1)		(2)	(3)	(4)=(2)x(3)	(5)	(6)	(7)=(5)x(6)	(8)=(4)+(7)	(9)=(2)+(5)	(10)=(8)/(9)
STEAM PRODUCTION PLANT										
311.00	STRUCTURES AND IMPROVEMENTS	291,184,138	0	0	66,252,005	(30)	19,875,602	19,875,602	357,436,143	(6)
312.00	BOILER PLANT EQUIPMENT	541,127,033	0	0	230,543,838	(30)	69,163,151	69,163,151	771,670,870	(9)
314.00	TURBOGENERATOR UNITS	107,666,179	0	0	44,626,442	(30)	13,387,933	13,387,933	152,292,621	(9)
315.00	ACCESSORY ELECTRIC EQUIPMENT	99,204,534	0	0	42,199,473	(15)	6,329,921	6,329,921	141,404,007	(4)
316.00	MISCELLANEOUS EQUIPMENT	22,968,505	0	0	11,737,772	(2)	234,755	234,755	34,706,277	(1)
TOTAL STEAM PRODUCTION PLANT		**1,062,150,389**		**-**	**395,359,530**		**108,991,362**	**108,991,362**	**1,457,509,919**	
OTHER PRODUCTION PLANT										
341.00	STRUCTURES AND IMPROVEMENTS	401,328,257	0	0	48,090,046	(40)	19,236,019	19,236,019	449,418,303	(4)
342.00	FUEL HOLDERS	649,072,829	0	0	139,811,619	(15)	20,971,743	20,971,743	788,884,448	(3)
343.00	PRIME MOVERS	1,509,498,931	0	0	367,014,167	(15)	55,052,125	55,052,125	1,876,513,098	(3)
343.10	PRIME MOVERS - CAPITAL SPARE PARTS	1,887,582	0	0	198,936,980	40	(79,574,792)	(79,574,792)	200,824,562	40
345.00	ACCESSORY ELECTRIC EQUIPMENT	241,696,746	0	0	64,077,831	(20)	12,815,566	12,815,566	305,774,577	(4)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	10,373,327	0	0	12,718,377	(5)	635,919	635,919	23,091,704	(3)
TOTAL OTHER PRODUCTION PLANT		**2,813,857,671**		**-**	**830,649,021**		**29,136,579**	**29,136,579**	**3,644,506,692**	
TOTAL PRODUCTION PLANT		**3,876,008,060**		**-**	**1,226,008,550**		**138,127,941**	**138,127,941**	**5,102,016,611**	

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
STEAM PRODUCTION PLANT									
BIG BEND POWER PLANT									
BIG BEND COMMON									
311.00 STRUCTURES AND IMPROVEMENTS	12-2062	75-R1.5 *	(6)	252,807,167.66	71,630,371	196,345,227	34.45	5,699,426	2.25
312.00 BOILER PLANT EQUIPMENT	12-2062	40-L0 *	(12)	219,407,898.74	48,398,158	197,338,688	25.62	7,702,525	3.51
314.00 TURBOGENERATOR UNITS	12-2062	45-R1 *	(9)	28,314,959.60	(856,157)	31,719,463	31.69	1,000,930	3.53
315.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	50-R1.5 *	(4)	43,865,595.04	19,735,461	25,884,757	30.09	860,244	1.96
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	55-R0.5 *	(1)	26,457,682.67	11,831,648	14,890,611	31.11	478,644	1.81
TOTAL BIG BEND COMMON				*570,853,303.71*	*150,739,482*	*466,178,746*	*29.61*	*15,741,769*	*2.76*
BIG BEND UNIT 4									
311.00 STRUCTURES AND IMPROVEMENTS	12-2040	75-R1.5 *	(6)	104,628,975.73	54,187,413	56,719,301	15.24	3,721,739	3.56
312.00 BOILER PLANT EQUIPMENT	12-2040	40-L0 *	(12)	552,262,971.74	218,119,144	400,415,384	13.48	29,704,405	5.38
314.00 TURBOGENERATOR UNITS	12-2040	45-R1 *	(9)	123,977,661.84	52,223,808	82,911,843	14.13	5,867,788	4.73
315.00 ACCESSORY ELECTRIC EQUIPMENT	12-2040	50-R1.5 *	(4)	97,538,411.46	61,793,800	39,646,148	14.53	2,728,572	2.80
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2040	55-R0.5 *	(1)	8,248,594.10	6,056,093	2,274,987	14.33	158,757	1.92
TOTAL BIG BEND UNIT 4				*886,656,614.87*	*392,380,258*	*581,967,663*	*13.80*	*42,181,261*	*4.76*
TOTAL BIG BEND POWER PLANT				***1,457,509,918.58***	***543,119,740***	***1,048,146,409***	***18.10***	***57,923,030***	***3.97***
TOTAL STEAM PRODUCTION PLANT				***1,457,509,918.58***	***543,119,740***	***1,048,146,409***	***18.10***	***57,923,030***	***3.97***
BIG BEND POWER PLANT									
BIG BEND UNIT 1									
341.00 STRUCTURES AND IMPROVEMENTS	12-2062	50-R3 *	(10)	2,290,548.98	1,536,810	982,794	12.76	77,021	3.36
342.00 FUEL HOLDERS	12-2062	50-R0.5 *	(3)	3,390,810.17	1,599,040	1,893,495	27.44	69,005	2.04
343.00 PRIME MOVERS	12-2062	50-O1 *	(5)	459,001,278.17	19,610,395	462,340,947	30.49	15,163,691	3.30
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	55-S1 *	(4)	546,961.13	95,858	472,981	32.84	14,403	2.63
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	35-L2 *	(3)	308,525.93	245,094	72,688	8.87	8,195	2.66
TOTAL BIG BEND UNIT 1				*465,538,124.38*	*23,087,198*	*465,762,905*	*30.38*	*15,332,315*	*3.29*
BIG BEND UNIT 4									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	50-R3 *	(10)	3,311,083.09	1,048,804	2,593,387	23.15	112,025	3.38
342.00 FUEL HOLDERS	12-2049	50-R0.5 *	(3)	5,596,200.86	216,754	5,547,333	22.26	249,206	4.45
343.00 PRIME MOVERS	12-2049	50-O1 *	(5)	23,563,084.18	10,732,429	14,008,809	21.46	652,787	2.77
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	15,256,508.47	7,575,498	8,291,271	22.46	369,157	2.42
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	510,664.71	252,987	272,998	17.10	15,965	3.13
TOTAL BIG BEND UNIT 4				*48,237,541.31*	*19,826,472*	*30,713,798*	*21.95*	*1,399,140*	*2.90*
BIG BEND UNIT 5									
341.00 STRUCTURES AND IMPROVEMENTS	12-2062	50-R3 *	(10)	-	-	-	50.00	-	2.20 **
342.00 FUEL HOLDERS	12-2062	50-R0.5 *	(3)	506,226.31	(21,322)	542,735	31.71	17,116	3.38
343.00 PRIME MOVERS	12-2062	50-O1 *	(5)	176,678,691.06	14,301,530	171,211,095	30.52	5,609,800	3.18
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	55-S1 *	(4)	-	-	-	55.00	-	1.89 **
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL BIG BEND UNIT 5				*177,184,917.37*	*14,280,209*	*171,753,830*	*30.52*	*5,626,916*	*3.18*
BIG BEND UNIT 6									
341.00 STRUCTURES AND IMPROVEMENTS	12-2062	50-R3 *	(10)	-	-	-	50.00	-	2.20 **
342.00 FUEL HOLDERS	12-2062	50-R0.5 *	(3)	528,137.88	(3,843)	547,825	31.72	17,271	3.27
343.00 PRIME MOVERS	12-2062	50-O1 *	(5)	175,430,566.71	14,231,833	169,970,262	30.52	5,569,144	3.17
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2062	55-S1 *	(4)	-	-	-	55.00	-	1.89 **
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2062	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL BIG BEND UNIT 6				*175,958,704.59*	*14,227,991*	*170,518,087*	*30.52*	*5,586,415*	*3.17*
TOTAL BIG BEND POWER STATION				***866,919,287.65***	***71,421,868***	***838,748,620***	***30.01***	***27,944,786***	***3.22***

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
POLK POWER STATION									
POLK COMMON									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	50-R3 *	(10)	192,917,189.90	67,373,353	144,835,556	25.17	5,754,293	2.98
342.00 FUEL HOLDERS	12-2052	50-R0.5 *	(3)	12,705,608.13	3,274,313	9,812,464	24.29	403,971	3.18
343.00 PRIME MOVERS	12-2052	50-O1 *	(5)	13,916,023.17	1,969,286	12,642,539	23.75	532,317	3.83
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	-	-	-	8.00	-	7.50 **
TOTAL ACCOUNT 343 PRIME MOVERS				***13,916,023.17***	***1,969,286***	***12,642,539***	***23.75***	***532,317***	***3.83***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	14,519,008.44	4,521,661	10,578,108	25.61	413,046	2.84
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	1,259,507.78	68,358	1,228,935	20.88	58,857	4.67
TOTAL POLK COMMON				*235,317,337.42*	*77,206,969*	*179,097,602*	*25.00*	*7,162,484*	*3.04*
POLK UNIT 1 GASIFIER									
341.00 STRUCTURES AND IMPROVEMENTS	12-2036	50-R3 *	(10)	53,047,915.23	28,573,732	29,778,975	11.45	2,600,784	4.90
342.00 FUEL HOLDERS	12-2036	50-R0.5 *	(3)	248,976,995.69	152,814,023	103,632,282	11.17	9,277,733	3.73
343.00 PRIME MOVERS	12-2036	50-O1 *	(5)	148,649,197.45	88,749,614	67,332,044	11.13	6,049,600	4.07
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2036	8-L0 *	40	15,096,275.70	3,897,638	5,160,127	4.83	1,068,349	7.08
TOTAL ACCOUNT 343 PRIME MOVERS				***163,745,473.15***	***92,647,252***	***72,492,171***	***10.18***	***7,117,949***	***4.35***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2036	55-S1 *	(4)	60,548,846.73	45,710,331	17,260,469	11.24	1,535,629	2.54
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2036	35-L2 *	(3)	6,316,781.98	3,118,987	3,387,299	10.16	333,396	5.28
TOTAL POLK UNIT 1 GASIFIER				*532,636,012.78*	*322,864,325*	*226,551,196*	*10.86*	*20,865,491*	*3.92*
POLK UNIT 2									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	50-R3 *	(10)	2,342,155.29	1,331,857	1,244,514	23.55	52,846	2.26
342.00 FUEL HOLDERS	12-2052	50-R0.5 *	(3)	2,365,638.35	690,923	1,745,684	23.98	72,797	3.08
343.00 PRIME MOVERS	12-2052	50-O1 *	(5)	28,974,176.09	9,255,899	21,166,986	23.39	904,959	3.12
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	7,088,119.44	1,523,843	2,729,028	5.33	512,013	7.22
TOTAL ACCOUNT 343 PRIME MOVERS				***36,062,295.53***	***10,779,742***	***23,896,014***	***16.86***	***1,416,972***	***3.93***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	19,207,796.38	11,226,500	8,749,608	23.61	370,589	1.93
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	173,209.91	139,897	38,509	14.79	2,604	1.50
TOTAL POLK UNIT 2				*60,151,095.46*	*24,168,919*	*35,674,329*	*18.62*	*1,915,808*	*3.18*
POLK UNIT 3									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	50-R3 *	(10)	10,708,676.69	6,000,960	5,778,584	23.74	243,411	2.27
342.00 FUEL HOLDERS	12-2052	50-R0.5 *	(3)	1,514,894.73	645,094	915,248	23.62	38,749	2.56
343.00 PRIME MOVERS	12-2052	50-O1 *	(5)	32,249,524.22	21,858,399	12,003,602	23.00	521,896	1.62
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	6,150,760.39	1,574,496	2,115,960	5.99	353,249	5.74
TOTAL ACCOUNT 343 PRIME MOVERS				***38,400,284.61***	***23,432,894***	***14,119,562***	***16.13***	***875,145***	***2.28***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	9,125,740.63	5,945,160	3,545,610	23.36	151,781	1.66
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	432,910.42	283,697	162,201	15.36	10,560	2.44
TOTAL POLK UNIT 3				*60,182,507.08*	*36,307,805*	*24,521,205*	*18.58*	*1,319,646*	*2.19*
POLK UNIT 4									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	50-R3 *	(10)	5,818,840.91	2,412,947	3,987,778	24.98	159,639	2.74
342.00 FUEL HOLDERS	12-2052	50-R0.5 *	(3)	2,369,198.87	239,613	2,200,662	23.91	92,039	3.88
343.00 PRIME MOVERS	12-2052	50-O1 *	(5)	21,726,818.11	7,401,683	15,411,476	23.35	660,020	3.04
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	6,688,260.11	1,009,970	3,002,986	5.99	501,333	7.50
TOTAL ACCOUNT 343 PRIME MOVERS				***28,415,078.22***	***8,411,654***	***18,414,462***	***15.86***	***1,161,353***	***4.09***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	5,586,747.43	3,437,915	2,372,302	24.28	97,706	1.75
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL POLK UNIT 4				*42,189,865.43*	*14,502,128*	*26,975,204*	*17.86*	*1,510,737*	*3.58*
POLK UNIT 5									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	50-R3 *	(10)	5,748,794.52	2,423,788	3,899,886	24.96	156,245	2.72
342.00 FUEL HOLDERS	12-2052	50-R0.5 *	(3)	2,759,831.05	767,540	2,075,086	23.99	86,498	3.13
343.00 PRIME MOVERS	12-2052	50-O1 *	(5)	19,842,748.02	6,045,078	14,789,807	23.33	633,939	3.19
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	5,380,611.60	804,634	2,423,733	5.75	421,519	7.83
TOTAL ACCOUNT 343 PRIME MOVERS				***25,223,359.62***	***6,849,712***	***17,213,540***	***16.31***	***1,055,458***	***4.18***

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	5,471,617.10	3,427,254	2,263,228	24.24	93,367	1.71
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL POLK UNIT 5				*39,203,602.29*	*13,468,294*	*25,451,740*	*18.29*	*1,391,568*	*3.55*
POLK UNIT 6									
341.00 STRUCTURES AND IMPROVEMENTS	12-2052	50-R3 *	(10)	13,374,554.05	4,266,582	10,445,428	26.66	391,802	2.93
342.00 FUEL HOLDERS	12-2052	50-R0.5 *	(3)	216,762,618.15	45,118,089	178,147,407	24.36	7,313,112	3.37
343.00 PRIME MOVERS	12-2052	50-O1 *	(5)	226,870,880.17	47,795,255	190,419,170	23.80	8,000,805	3.53
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2052	8-L0 *	40	-	-	-	8.00	-	7.50 **
TOTAL ACCOUNT 343 PRIME MOVERS				***226,870,880.17***	***47,795,255***	***190,419,170***	***23.80***	***8,000,805***	***3.53***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2052	55-S1 *	(4)	18,338,595.01	4,565,339	14,506,800	26.04	557,097	3.04
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2052	35-L2 *	(3)	141,626.41	30,886	114,989	21.89	5,253	3.71
TOTAL POLK UNIT 6				*475,488,273.79*	*101,776,150*	*393,633,794*	*24.20*	*16,268,069*	*3.42*
TOTAL POLK POWER STATION				***1,445,168,694.25***	***590,294,591***	***911,905,070***	***18.08***	***50,433,803***	***3.49***
BAYSIDE POWER STATION									
BAYSIDE COMMON									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	50-R3 *	(10)	107,128,093.80	27,808,472	90,032,431	22.72	3,962,695	3.70
342.00 FUEL HOLDERS	12-2049	50-R0.5 *	(3)	45,562,572.39	3,913,589	43,015,860	22.15	1,942,025	4.26
343.00 PRIME MOVERS	12-2049	50-O1 *	(5)	31,034,701.06	7,679,226	24,907,210	21.56	1,155,251	3.72
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	28,838,294.60	6,692,274	10,610,703	5.07	2,092,841	7.26
TOTAL ACCOUNT 343 PRIME MOVERS				***59,872,995.66***	***14,371,500***	***35,517,913***	***10.94***	***3,248,092***	***5.42***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	29,466,322.86	14,150,248	16,494,728	22.79	723,770	2.46
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	11,303,633.26	5,408,948	6,233,795	16.90	368,864	3.26
TOTAL BAYSIDE COMMON				*253,333,617.97*	*65,652,757*	*191,294,727*	*18.67*	*10,245,446*	*4.04*
BAYSIDE UNIT 1									
341.00 STRUCTURES AND IMPROVEMENTS	12-2043	50-R3 *	(10)	21,251,285.23	9,610,255	13,766,158	17.44	789,344	3.71
342.00 FUEL HOLDERS	12-2043	50-R0.5 *	(3)	92,211,218.74	38,522,972	56,454,583	17.10	3,301,438	3.58
343.00 PRIME MOVERS	12-2043	50-O1 *	(5)	201,291,115.21	92,470,413	118,885,258	16.84	7,059,695	3.51
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2043	8-L0 *	40	56,011,117.50	15,616,372	17,990,298	4.71	3,819,596	6.82
TOTAL ACCOUNT 343 PRIME MOVERS				***257,302,232.71***	***108,086,785***	***136,875,556***	***12.58***	***10,879,291***	***4.23***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2043	55-S1 *	(4)	39,466,425.97	23,489,843	17,555,240	17.40	1,008,922	2.56
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2043	35-L2 *	(3)	1,175,705.21	673,431	537,545	12.94	41,541	3.53
TOTAL BAYSIDE UNIT 1				*411,406,867.86*	*180,383,286*	*225,189,082*	*14.06*	*16,020,536*	*3.89*
BAYSIDE UNIT 2									
341.00 STRUCTURES AND IMPROVEMENTS	12-2043	50-R3 *	(10)	27,131,136.17	14,552,665	15,291,585	17.47	875,305	3.23
342.00 FUEL HOLDERS	12-2043	50-R0.5 *	(3)	142,497,135.01	42,388,039	104,384,010	17.23	6,058,271	4.25
343.00 PRIME MOVERS	12-2043	50-O1 *	(5)	252,939,408.69	111,412,054	154,174,325	16.84	9,155,245	3.62
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2043	8-L0 *	40	71,747,592.34	17,991,947	25,056,608	4.76	5,263,993	7.34
TOTAL ACCOUNT 343 PRIME MOVERS				***324,687,001.03***	***129,404,001***	***179,230,933***	***12.43***	***14,419,238***	***4.44***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2043	55-S1 *	(4)	45,204,445.87	25,620,125	21,392,498	17.43	1,227,338	2.72
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2043	35-L2 *	(3)	1,455,592.35	853,789	645,471	13.02	49,575	3.41
TOTAL BAYSIDE UNIT 2				*540,975,310.43*	*212,818,619*	*320,944,497*	*14.18*	*22,629,727*	*4.18*
BAYSIDE UNIT 3									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	50-R3 *	(10)	656,349.29	75,171	646,813	23.23	27,844	4.24
342.00 FUEL HOLDERS	12-2049	50-R0.5 *	(3)	3,940,542.62	1,279,927	2,778,832	21.83	127,294	3.23
343.00 PRIME MOVERS	12-2049	50-O1 *	(5)	15,871,413.40	9,341,795	7,323,189	21.31	343,650	2.17
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	22,955.27	7,548	6,225	5.45	1,142	4.97
TOTAL ACCOUNT 343 PRIME MOVERS				***15,894,368.67***	***9,349,343***	***7,329,414***	***21.26***	***344,792***	***2.17***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	14,153,816.05	6,496,955	8,223,014	22.62	363,528	2.57
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	904.61	487	445	16.99	26	2.87
TOTAL BAYSIDE UNIT 3				*34,645,981.24*	*17,201,883*	*18,978,518*	*21.98*	*863,484*	*2.49*

TAMPA ELECTRIC COMPANY

TABLE 1. SUMMARY OF SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUAL RATES FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024

ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	FUTURE ACCRUALS	COMPOSITE REMAINING LIFE	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE
(1)	(2)	(3)	(4)	(5)	(6)	(7)=(100%-(4))x(5)-(6)	(8)	(9)=(7)/(8)	(10)=(9)/(5)
BAYSIDE UNIT 4									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	50-R3 *	(10)	242,333.96	(73,139)	339,706	23.17	14,661	6.05
342.00 FUEL HOLDERS	12-2049	50-R0.5 *	(3)	3,372,330.65	1,418,335	2,055,166	21.67	94,839	2.81
343.00 PRIME MOVERS	12-2049	50-O1 *	(5)	15,850,670.55	9,598,121	7,045,084	21.30	330,755	2.09
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	42,590.23	13,475	12,079	5.58	2,165	5.08
TOTAL ACCOUNT 343 PRIME MOVERS				***15,893,260.78***	***9,611,596***	***7,057,163***	***21.20***	***332,920***	***2.09***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	4,168,999.00	2,059,329	2,276,430	22.48	101,265	2.43
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	904.61	487	445	16.99	26	2.87
TOTAL BAYSIDE UNIT 4				*23,677,829.00*	*13,016,608*	*11,728,910*	*21.57*	*543,711*	*2.30*
BAYSIDE UNIT 5									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	50-R3 *	(10)	793,114.26	(27,676)	900,102	23.36	38,532	4.86
342.00 FUEL HOLDERS	12-2049	50-R0.5 *	(3)	2,279,059.85	834,227	1,513,204	21.78	69,477	3.05
343.00 PRIME MOVERS	12-2049	50-O1 *	(5)	15,109,732.98	8,322,746	7,542,474	21.30	354,107	2.34
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	3,746,423.62	2,111,459	136,395	3.24	42,097	1.12
TOTAL ACCOUNT 343 PRIME MOVERS				***18,856,156.60***	***10,434,205***	***7,678,869***	***19.38***	***396,204***	***2.10***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	10,386,138.19	6,679,728	4,121,856	22.44	183,683	1.77
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	-	-	-	35.00	-	2.94 **
TOTAL BAYSIDE UNIT 5				*32,314,468.90*	*17,920,483*	*14,214,031*	*20.66*	*687,896*	*2.13*
BAYSIDE UNIT 6									
341.00 STRUCTURES AND IMPROVEMENTS	12-2049	50-R3 *	(10)	2,656,231.54	695,088	2,226,767	23.15	96,189	3.62
342.00 FUEL HOLDERS	12-2049	50-R0.5 *	(3)	1,545,428.90	640,223	951,569	21.67	43,912	2.84
343.00 PRIME MOVERS	12-2049	50-O1 *	(5)	17,513,068.63	11,503,730	6,884,992	21.28	323,543	1.85
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	12-2049	8-L0 *	40	11,561.54	4,195	2,742	5.39	509	4.40
TOTAL ACCOUNT 343 PRIME MOVERS				***17,524,630.17***	***11,507,926***	***6,887,734***	***21.26***	***324,052***	***1.85***
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2049	55-S1 *	(4)	14,326,607.55	7,178,379	7,721,293	22.40	344,701	2.41
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2049	35-L2 *	(3)	11,736.48	5,890	6,199	17.01	364	3.10
TOTAL BAYSIDE UNIT 6				*36,064,634.64*	*20,027,505*	*17,793,562*	*21.99*	*809,218*	*2.24*
TOTAL BAYSIDE POWER STATION				***1,332,418,710.04***	***527,021,142***	***800,143,327***	***15.45***	***51,800,018***	***3.89***
TOTAL OTHER PRODUCTION PLANT				***3,644,506,691.94***	***1,188,737,602***	***2,550,797,017***	***19.59***	***130,178,607***	***3.57***
SOLAR SITES									
341.00 STRUCTURES AND IMPROVEMENTS		30-S3	0	389,630,578.95	51,744,519	337,886,060	25.74	13,126,887	3.37
343.00 PRIME MOVERS		30-S3	0	1,110,482,449.90	97,011,381	1,013,471,068	26.94	37,619,565	3.39
345.00 ACCESSORY ELECTRIC EQUIPMENT		30-S3	0	267,298,627.97	35,783,835	231,514,793	25.64	9,029,438	3.38
348.00 ENERGY STORAGE EQUIPMENT		10-S3	0	29,513,911.38	4,476,523	25,037,388	8.25	3,034,835	10.28
TOTAL SOLAR SITES				***1,796,925,568.20***	***189,016,259***	***1,607,909,309***	***25.60***	***62,810,725***	***3.50***
DC MICRO GRID									
341.00 STRUCTURES AND IMPROVEMENTS		30-S3	0	-	-	-	30.00	-	3.33 **
343.00 PRIME MOVERS		30-S3	0	929,494.74	56,025	873,470	27.56	31,693	3.41
345.00 ACCESSORY ELECTRIC EQUIPMENT		30-S3	0	-	-	-	30.00	-	3.33 **
348.00 ENERGY STORAGE EQUIPMENT		10-S3	0	9,134.50	1,773	7,361	7.51	980	10.73
TOTAL DC MICRO GRID				***938,629.24***	***57,798***	***880,831***	***26.96***	***32,673***	***3.48***
MACDILL AIR FORCE BASE									
341.00 STRUCTURES AND IMPROVEMENTS	12-2055	50-R3 *	(10)	-	-	-	29.97	-	3.60 **
342.00 FUEL HOLDERS	12-2055	50-R0.5 *	(3)	-	-	-	27.12	-	3.76 **
343.00 PRIME MOVERS	12-2055	50-O1 *	(5)	-	-	-	26.26	-	3.96 **
345.00 ACCESSORY ELECTRIC EQUIPMENT	12-2055	55-S1 *	(4)	-	-	-	29.52	-	3.45 **
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	12-2055	35-L2 *	(3)	-	-	-	26.70	-	3.78 **
348.00 ENERGY STORAGE EQUIPMENT	12-2055	10-S3 *	0	-	-	-	9.50	-	10.00 **
TOTAL MACDILL AIR FORCE BASE				-	-	-		-	
TOTAL PRODUCTION PLANT				***6,899,880,807.96***	***1,920,931,398***	***5,207,733,566***	***20.75***	***250,945,035***	***3.64***
DISTRIBUTION									
367.00 UNDERGROUND CONDUCTORS AND DEVICES		40-R1.5	(10)	742,409,241.49	36,671,003	779,979,163	35.74	21,823,703	2.94
TOTAL DISTRIBUTION				***742,409,241.49***	***36,671,003***	***779,979,163***	***35.74***	***21,823,703***	***2.94***

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.
** CALCULATED DEPRECIATION RATE TO BE APPLIED TO FUTURE INSTALLED PLANT IN-SERVICE

TAMPA ELECTRIC COMPANY

TABLE 2. COMPARISON OF ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON EXISTING AND PROPOSED DEPRECIATION PARAMETERS

			EXISTING ESTIMATES					PROPOSED ESTIMATES					
ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	INCREASE/ DECREASE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)=(12)-(7)
STEAM PRODUCTION PLANT													
BIG BEND POWER PLANT													
BIG BEND COMMON													
311.00 STRUCTURES AND IMPROVEMENTS	252,807,167.66	71,630,371	12-2045	VARIOUS *	(2)	8,089,829	3.20	12-2062	75-R1.5 *	(6)	5,699,426	2.25	(2,390,403)
312.00 BOILER PLANT EQUIPMENT	219,407,898.74	48,398,158	12-2045	VARIOUS *	(5)	10,092,763	4.60	12-2062	40-L0 *	(12)	7,702,525	3.51	(2,390,238)
314.00 TURBOGENERATOR UNITS	28,314,959.60	(856,157)	12-2045	VARIOUS *	(6)	877,764	3.10	12-2062	45-R1 *	(9)	1,000,930	3.53	123,166
315.00 ACCESSORY ELECTRIC EQUIPMENT	43,865,595.04	19,735,461	12-2045	VARIOUS *	(5)	1,535,296	3.50	12-2062	50-R1.5 *	(4)	860,244	1.96	(675,052)
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	26,457,682.67	11,831,648	12-2045	VARIOUS *	(2)	873,104	3.30	12-2062	55-R0.5 *	(1)	478,644	1.81	(394,460)
TOTAL BIG BEND COMMON	*570,853,303.71*	*150,739,482*				*21,468,756*	*3.77*				*15,741,769*	*2.76*	*(5,726,987)*
BIG BEND UNIT 4													
311.00 STRUCTURES AND IMPROVEMENTS	104,628,975.73	54,187,413	12-2045	VARIOUS *	(2)	1,987,951	1.90	12-2040	75-R1.5 *	(6)	3,721,739	3.56	1,733,788
312.00 BOILER PLANT EQUIPMENT	552,262,971.74	218,119,144	12-2045	VARIOUS *	(5)	18,224,678	3.30	12-2040	40-L0 *	(12)	29,704,405	5.38	11,479,727
314.00 TURBOGENERATOR UNITS	123,977,661.84	52,223,808	12-2045	VARIOUS *	(6)	3,967,285	3.20	12-2040	45-R1 *	(9)	5,867,788	4.73	1,900,503
315.00 ACCESSORY ELECTRIC EQUIPMENT	97,538,411.46	61,793,800	12-2045	VARIOUS *	(5)	2,828,614	2.90	12-2040	50-R1.5 *	(4)	2,728,572	2.80	(100,042)
316.00 MISCELLANEOUS POWER PLANT EQUIPMENT	8,248,594.10	6,056,093	12-2045	VARIOUS *	(2)	148,475	1.80	12-2040	55-R0.5 *	(1)	158,757	1.92	10,282
TOTAL BIG BEND UNIT 4	*886,656,614.87*	*392,380,258*				*27,157,003*	*3.06*				*42,181,261*	*4.76*	*15,024,258*
TOTAL BIG BEND POWER PLANT	***1,457,509,918.58***	***543,119,740***				***48,625,759***	***3.34***				***57,923,030***	***3.97***	***9,297,271***
TOTAL STEAM PRODUCTION PLANT	***1,457,509,918.58***	***543,119,740***				***48,625,759***	***3.34***				***57,923,030***	***3.97***	***9,297,271***
OTHER PRODUCTION													
BIG BEND POWER PLANT													
BIG BEND UNIT 1													
341.00 STRUCTURES AND IMPROVEMENTS	2,290,548.98	1,536,810	12-2057	VARIOUS *	0	66,426	2.90	12-2062	50-R3 *	(10)	77,021	3.36	10,595
342.00 FUEL HOLDERS	3,390,810.17	1,599,040	12-2057	VARIOUS *	0	98,333	2.90	12-2062	50-R0.5 *	(3)	69,005	2.04	(29,328)
343.00 PRIME MOVERS	459,001,278.17	19,610,395	12-2057	VARIOUS *	0	13,311,037	2.90	12-2062	50-O1 *	(5)	15,163,691	3.30	1,852,654
345.00 ACCESSORY ELECTRIC EQUIPMENT	546,961.13	95,858	12-2057	VARIOUS *	0	15,862	2.90	12-2062	55-S1 *	(4)	14,403	2.63	(1,459)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	308,525.93	245,094	12-2057	VARIOUS *	0	8,947	2.90	12-2062	35-L2 *	(3)	8,195	2.66	(752)
TOTAL BIG BEND UNIT 1	*465,538,124.38*	*23,087,198*				*13,500,605*	*2.90*				*15,332,315*	*3.29*	*1,831,710*
BIG BEND UNIT 4													
341.00 STRUCTURES AND IMPROVEMENTS	3,311,083.09	1,048,804	12-2049	VARIOUS *	(2)	119,199	3.60	12-2049	50-R3 *	(10)	112,025	3.38	(7,174)
342.00 FUEL HOLDERS	5,596,200.86	216,754	12-2049	VARIOUS *	(5)	145,501	2.60	12-2049	50-R0.5 *	(3)	249,206	4.45	103,705
343.00 PRIME MOVERS	23,563,084.18	10,732,429	12-2049	VARIOUS *	(7)	730,456	3.10	12-2049	50-O1 *	(5)	652,787	2.77	(77,669)
345.00 ACCESSORY ELECTRIC EQUIPMENT	15,256,508.47	7,575,498	12-2049	VARIOUS *	(5)	427,182	2.80	12-2049	55-S1 *	(4)	369,157	2.42	(58,025)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	510,664.71	252,987	12-2049	VARIOUS *	(2)	14,809	2.90	12-2049	35-L2 *	(3)	15,965	3.13	1,156
TOTAL BIG BEND UNIT 4	*48,237,541.31*	*19,826,472*				*1,437,147*	*2.98*				*1,399,140*	*2.90*	*(38,007)*
BIG BEND UNIT 5													
341.00 STRUCTURES AND IMPROVEMENTS	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	50-R3 *	(10)	-	2.20 **	-
342.00 FUEL HOLDERS	506,226.31	(21,322)	12-2057	VARIOUS *	0	14,681	2.90	12-2062	50-R0.5 *	(3)	17,116	3.38	2,435
343.00 PRIME MOVERS	176,678,691.06	14,301,530	12-2057	VARIOUS *	0	5,123,682	2.90	12-2062	50-O1 *	(5)	5,609,800	3.18	486,118
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	55-S1 *	(4)	-	1.89 **	-
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	35-L2 *	(3)	-	2.94 **	-
TOTAL BIG BEND UNIT 5	*177,184,917.37*	*14,280,209*				*5,138,363*	*2.90*				*5,626,916*	*3.18*	*488,553*
BIG BEND UNIT 6													
341.00 STRUCTURES AND IMPROVEMENTS	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	50-R3 *	(10)	-	2.20 **	-
342.00 FUEL HOLDERS	528,137.88	(3,843)	12-2057	VARIOUS *	0	15,316	2.90	12-2062	50-R0.5 *	(3)	17,271	3.27	1,955
343.00 PRIME MOVERS	175,430,566.71	14,231,833	12-2057	VARIOUS *	0	5,087,486	2.90	12-2062	50-O1 *	(5)	5,569,144	3.17	481,658
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	55-S1 *	(4)	-	1.89 **	-
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2057	VARIOUS *	0	-	2.90	12-2062	35-L2 *	(3)	-	2.94 **	-
TOTAL BIG BEND UNIT 6	*175,958,704.59*	*14,227,991*				*5,102,802*	*2.90*				*5,586,415*	*3.17*	*483,613*
TOTAL BIG BEND POWER STATION	***866,919,287.65***	***71,421,868***				***25,178,917***	***2.90***				***27,944,786***	***3.22***	***2,765,869***
POLK POWER STATION													
POLK COMMON													
341.00 STRUCTURES AND IMPROVEMENTS	192,917,189.90	67,373,353	12-2047	VARIOUS *	(2)	5,980,433	3.10	12-2052	50-R3 *	(10)	5,754,293	2.98	(226,140)
342.00 FUEL HOLDERS	12,705,608.13	3,274,313	12-2047	VARIOUS *	(5)	381,168	3.00	12-2052	50-R0.5 *	(3)	403,971	3.18	22,803
343.00 PRIME MOVERS	13,916,023.17	1,969,286	12-2047	VARIOUS *	(7)	500,977	3.60	12-2052	50-O1 *	(5)	532,317	3.83	31,340
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	-	-	12-2047	VARIOUS *	(7)	-	3.60	12-2052	8-L0 *	40	-	7.50 **	-
345.00 ACCESSORY ELECTRIC EQUIPMENT	14,519,008.44	4,521,661	12-2047	VARIOUS *	(5)	522,684	3.60	12-2052	55-S1 *	(4)	413,046	2.84	(109,638)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,259,507.78	68,358	12-2047	VARIOUS *	(2)	70,532	5.60	12-2052	35-L2 *	(3)	58,857	4.67	(11,675)
TOTAL POLK COMMON	*235,317,337.42*	*77,206,969*				*7,455,794*	*3.17*				*7,162,484*	*3.04*	*(293,310)*
POLK UNIT 1 GASIFIER													
341.00 STRUCTURES AND IMPROVEMENTS	53,047,915.23	28,573,732	12-2036	VARIOUS *	(2)	1,962,773	3.70	12-2036	50-R3 *	(10)	2,600,784	4.90	638,011
342.00 FUEL HOLDERS	248,976,995.69	152,814,023	12-2036	VARIOUS *	(5)	10,208,057	4.10	12-2036	50-R0.5 *	(3)	9,277,733	3.73	(930,324)
343.00 PRIME MOVERS	148,649,197.45	88,650,997	12-2036	VARIOUS *	(7)	6,837,863	4.60	12-2036	50-O1 *	(5)	6,049,600	4.07	(788,263)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	15,096,275.70	3,996,254	12-2036	VARIOUS *	(7)	694,429	4.60	12-2036	8-L0 *	40	1,068,349	7.08	373,920
345.00 ACCESSORY ELECTRIC EQUIPMENT	60,548,846.73	45,710,331	12-2036	VARIOUS *	(5)	1,998,112	3.30	12-2036	55-S1 *	(4)	1,535,629	2.54	(462,483)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	6,316,781.98	3,118,987	12-2036	VARIOUS *	(2)	265,305	4.20	12-2036	35-L2 *	(3)	333,396	5.28	68,091
TOTAL POLK UNIT 1 GASIFIER	*532,636,012.78*	*322,864,325*				*21,966,539*	*4.12*				*20,865,491*	*3.92*	*(1,101,048)*

TAMPA ELECTRIC COMPANY

TABLE 2. COMPARISON OF ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON EXISTING AND PROPOSED DEPRECIATION PARAMETERS

			EXISTING ESTIMATES					PROPOSED ESTIMATES					
ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	INCREASE/ DECREASE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)=(12)-(7)
POLK UNIT 2													
341.00 STRUCTURES AND IMPROVEMENTS	2,342,155.29	1,331,857	12-2040	VARIOUS *	(2)	60,896	2.60	12-2052	50-R3 *	(10)	52,846	2.26	(8,050)
342.00 FUEL HOLDERS	2,365,638.35	690,923	12-2040	VARIOUS *	(5)	101,722	4.30	12-2052	50-R0.5 *	(3)	72,797	3.08	(28,925)
343.00 PRIME MOVERS	28,974,176.09	9,221,430	12-2040	VARIOUS *	(7)	1,419,735	4.90	12-2052	50-O1 *	(5)	904,959	3.12	(514,776)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	7,088,119.44	1,558,312	12-2040	VARIOUS *	(7)	347,318	4.90	12-2052	8-L0 *	40	512,013	7.22	164,695
345.00 ACCESSORY ELECTRIC EQUIPMENT	19,207,796.38	11,226,500	12-2040	VARIOUS *	(5)	653,065	3.40	12-2052	55-S1 *	(4)	370,589	1.93	(282,476)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	173,209.91	139,897	12-2040	VARIOUS *	(2)	2,945	1.70	12-2052	35-L2 *	(3)	2,604	1.50	(341)
TOTAL POLK UNIT 2	*60,151,095.46*	*24,168,919*				*2,585,681*	*4.30*				*1,915,808*	*3.18*	*(669,873)*
POLK UNIT 3													
341.00 STRUCTURES AND IMPROVEMENTS	10,708,676.69	6,000,960	12-2042	VARIOUS *	(2)	278,426	2.60	12-2052	50-R3 *	(10)	243,411	2.27	(35,015)
342.00 FUEL HOLDERS	1,514,894.73	645,094	12-2042	VARIOUS *	(5)	48,477	3.20	12-2052	50-R0.5 *	(3)	38,749	2.56	(9,728)
343.00 PRIME MOVERS	32,249,524.22	21,819,630	12-2042	VARIOUS *	(7)	1,160,983	3.60	12-2052	50-O1 *	(5)	521,896	1.62	(639,087)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	6,150,760.39	1,613,264	12-2042	VARIOUS *	(7)	221,427	3.60	12-2052	8-L0 *	40	353,249	5.74	131,822
345.00 ACCESSORY ELECTRIC EQUIPMENT	9,125,740.63	5,945,160	12-2042	VARIOUS *	(5)	346,778	3.80	12-2052	55-S1 *	(4)	151,781	1.66	(194,997)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	432,910.42	283,697	12-2042	VARIOUS *	(2)	9,524	2.20	12-2052	35-L2 *	(3)	10,560	2.44	1,036
TOTAL POLK UNIT 3	*60,182,507.08*	*36,307,805*				*2,065,615*	*3.43*				*1,319,646*	*2.19*	*(745,969)*
POLK UNIT 4													
341.00 STRUCTURES AND IMPROVEMENTS	5,818,840.91	2,412,947	12-2047	VARIOUS *	(2)	157,109	2.70	12-2052	50-R3 *	(10)	159,639	2.74	2,530
342.00 FUEL HOLDERS	2,369,198.87	239,613	12-2047	VARIOUS *	(5)	66,338	2.80	12-2052	50-R0.5 *	(3)	92,039	3.88	25,701
343.00 PRIME MOVERS	21,726,818.11	7,378,258	12-2047	VARIOUS *	(7)	1,021,160	4.70	12-2052	50-O1 *	(5)	660,020	3.04	(361,140)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	6,688,260.11	1,033,396	12-2047	VARIOUS *	(7)	314,348	4.70	12-2052	8-L0 *	40	501,333	7.50	186,985
345.00 ACCESSORY ELECTRIC EQUIPMENT	5,586,747.43	3,437,915	12-2047	VARIOUS *	(5)	139,669	2.50	12-2052	55-S1 *	(4)	97,706	1.75	(41,963)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2047	VARIOUS *	(2)	-	3.60	12-2052	35-L2 *	(3)	-	2.94 **	-
TOTAL POLK UNIT 4	*42,189,865.43*	*14,502,128*				*1,698,624*	*4.03*				*1,510,737*	*3.58*	*(187,887)*
POLK UNIT 5													
341.00 STRUCTURES AND IMPROVEMENTS	5,748,794.52	2,423,788	12-2047	VARIOUS *	(2)	155,217	2.70	12-2052	50-R3 *	(10)	156,245	2.72	1,028
342.00 FUEL HOLDERS	2,759,831.05	767,540	12-2047	VARIOUS *	(5)	102,114	3.70	12-2052	50-R0.5 *	(3)	86,498	3.13	(15,616)
343.00 PRIME MOVERS	19,842,748.02	6,026,359	12-2047	VARIOUS *	(7)	992,137	5.00	12-2052	50-O1 *	(5)	633,939	3.19	(358,198)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	5,380,611.60	823,354	12-2047	VARIOUS *	(7)	269,031	5.00	12-2052	8-L0 *	40	421,519	7.83	152,488
345.00 ACCESSORY ELECTRIC EQUIPMENT	5,471,617.10	3,427,254	12-2047	VARIOUS *	(5)	142,262	2.60	12-2052	55-S1 *	(4)	93,367	1.71	(48,895)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2047	VARIOUS *	(2)	-	3.60	12-2052	35-L2 *	(3)	-	2.94 **	-
TOTAL POLK UNIT 5	*39,203,602.29*	*13,468,294*				*1,660,761*	*4.24*				*1,391,568*	*3.55*	*(269,193)*
POLK UNIT 6													
341.00 STRUCTURES AND IMPROVEMENTS	13,374,554.05	4,266,582	12-2052	VARIOUS *	(2)	347,738	2.60	12-2052	50-R3 *	(10)	391,802	2.93	44,064
342.00 FUEL HOLDERS	216,762,618.15	45,118,089	12-2052	VARIOUS *	(5)	6,502,879	3.00	12-2052	50-R0.5 *	(3)	7,313,112	3.37	810,233
343.00 PRIME MOVERS	226,870,880.17	47,795,255	12-2052	VARIOUS *	(7)	7,032,997	3.10	12-2052	50-O1 *	(5)	8,000,805	3.53	967,808
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	-	-	12-2052	VARIOUS *	(7)	-	3.10	12-2052	8-L0 *	40	-	7.50 **	-
345.00 ACCESSORY ELECTRIC EQUIPMENT	18,338,595.01	4,565,339	12-2052	VARIOUS *	(5)	550,158	3.00	12-2052	55-S1 *	(4)	557,097	3.04	6,939
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	141,626.41	30,886	12-2052	VARIOUS *	(2)	4,249	3.00	12-2052	35-L2 *	(3)	5,253	3.71	1,004
TOTAL POLK UNIT 6	*475,488,273.79*	*101,776,150*				*14,438,021*	*3.04*				*16,268,069*	*3.42*	*1,830,048*
TOTAL POLK POWER STATION	***1,445,168,694.25***	***590,294,591***				***51,871,035***	***3.59***				***50,433,803***	***3.49***	***(1,437,232)***
BAYSIDE POWER STATION													
BAYSIDE COMMON													
341.00 STRUCTURES AND IMPROVEMENTS	107,128,093.80	27,808,472	12-2049	VARIOUS *	(2)	3,642,355	3.40	12-2049	50-R3 *	(10)	3,962,695	3.70	320,340
342.00 FUEL HOLDERS	45,562,572.39	3,913,589	12-2049	VARIOUS *	(5)	1,366,877	3.00	12-2049	50-R0.5 *	(3)	1,942,025	4.26	575,148
343.00 PRIME MOVERS	31,034,701.06	7,585,820	12-2049	VARIOUS *	(7)	1,706,909	5.50	12-2049	50-O1 *	(5)	1,155,251	3.72	(551,658)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	28,838,294.60	6,785,680	12-2049	VARIOUS *	(7)	1,586,106	5.50	12-2049	8-L0 *	40	2,092,841	7.26	506,735
345.00 ACCESSORY ELECTRIC EQUIPMENT	29,466,322.86	14,150,248	12-2049	VARIOUS *	(5)	972,389	3.30	12-2049	55-S1 *	(4)	723,770	2.46	(248,619)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	11,303,633.26	5,408,948	12-2049	VARIOUS *	(2)	452,145	4.00	12-2049	35-L2 *	(3)	368,864	3.26	(83,281)
TOTAL BAYSIDE COMMON	*253,333,617.97*	*65,652,757*				*9,726,781*	*3.84*				*10,245,446*	*4.04*	*518,665*
BAYSIDE UNIT 1													
341.00 STRUCTURES AND IMPROVEMENTS	21,251,285.23	9,610,255	12-2038	VARIOUS *	(2)	765,046	3.60	12-2043	50-R3 *	(10)	789,344	3.71	24,298
342.00 FUEL HOLDERS	92,211,218.74	38,522,972	12-2038	VARIOUS *	(5)	3,688,449	4.00	12-2043	50-R0.5 *	(3)	3,301,438	3.58	(387,011)
343.00 PRIME MOVERS	201,291,115.21	94,122,674	12-2038	VARIOUS *	(7)	12,278,758	6.10	12-2043	50-O1 *	(5)	7,059,695	3.51	(5,219,063)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	56,011,117.50	13,964,111	12-2038	VARIOUS *	(7)	3,416,678	6.10	12-2043	8-L0 *	40	3,819,596	6.82	402,918
345.00 ACCESSORY ELECTRIC EQUIPMENT	39,466,425.97	23,489,843	12-2038	VARIOUS *	(5)	1,618,123	4.10	12-2043	55-S1 *	(4)	1,008,922	2.56	(609,201)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,175,705.21	673,431	12-2038	VARIOUS *	(2)	37,623	3.20	12-2043	35-L2 *	(3)	41,541	3.53	3,918
TOTAL BAYSIDE UNIT 1	*411,406,867.86*	*180,383,286*				*21,804,677*	*5.30*				*16,020,536*	*3.89*	*(5,784,141)*
BAYSIDE UNIT 2													
341.00 STRUCTURES AND IMPROVEMENTS	27,131,136.17	14,552,665	12-2038	VARIOUS *	(2)	949,590	3.50	12-2043	50-R3 *	(10)	875,305	3.23	(74,285)
342.00 FUEL HOLDERS	142,497,135.01	42,388,039	12-2038	VARIOUS *	(5)	5,557,388	3.90	12-2043	50-R0.5 *	(3)	6,058,271	4.25	500,883
343.00 PRIME MOVERS	252,939,408.69	113,313,487	12-2038	VARIOUS *	(7)	15,682,243	6.20	12-2043	50-O1 *	(5)	9,155,245	3.62	(6,526,998)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	71,747,592.34	16,090,514	12-2038	VARIOUS *	(7)	4,448,351	6.20	12-2043	8-L0 *	40	5,263,993	7.34	815,642
345.00 ACCESSORY ELECTRIC EQUIPMENT	45,204,445.87	25,620,125	12-2038	VARIOUS *	(5)	1,853,382	4.10	12-2043	55-S1 *	(4)	1,227,338	2.72	(626,044)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	1,455,592.35	853,789	12-2038	VARIOUS *	(2)	48,035	3.30	12-2043	35-L2 *	(3)	49,575	3.41	1,540
TOTAL BAYSIDE UNIT 2	*540,975,310.43*	*212,818,619*				*28,538,989*	*5.28*				*22,629,727*	*4.18*	*(5,909,262)*

TAMPA ELECTRIC COMPANY

TABLE 2. COMPARISON OF ANNUAL DEPRECIATION RATES AND ACCRUALS FOR ELECTRIC PLANT AS OF DECEMBER 31, 2024
BASED ON EXISTING AND PROPOSED DEPRECIATION PARAMETERS

			EXISTING ESTIMATES					PROPOSED ESTIMATES					
ACCOUNT	ORIGINAL COST AS OF DECEMBER 31, 2024	BOOK DEPRECIATION RESERVE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ANNUAL DEPRECIATION ACCRUALS	ANNUAL DEPRECIATION RATE	INCREASE/ DECREASE
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)=(12)-(7)
BAYSIDE UNIT 3													
341.00 STRUCTURES AND IMPROVEMENTS	656,349.29	75,171	12-2049	VARIOUS *	(2)	22,972	3.50	12-2049	50-R3 *	(10)	27,844	4.24	4,872
342.00 FUEL HOLDERS	3,940,542.62	1,279,927	12-2049	VARIOUS *	(5)	126,097	3.20	12-2049	50-R0.5 *	(3)	127,294	3.23	1,197
343.00 PRIME MOVERS	15,871,413.40	9,341,596	12-2049	VARIOUS *	(7)	492,014	3.10	12-2049	50-O1 *	(5)	343,650	2.17	(148,364)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	22,955.27	7,747	12-2049	VARIOUS *	(7)	712	3.10	12-2049	8-L0 *	40	1,142	4.97	430
345.00 ACCESSORY ELECTRIC EQUIPMENT	14,153,816.05	6,496,955	12-2049	VARIOUS *	(5)	382,153	2.70	12-2049	55-S1 *	(4)	363,528	2.57	(18,625)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	904.61	487	12-2049	VARIOUS *	(2)	31	3.40	12-2049	35-L2 *	(3)	26	2.87	(5)
TOTAL BAYSIDE UNIT 3	*34,645,981.24*	*17,201,883*				*1,023,979*	*2.96*				*863,484*	*2.49*	*(160,495)*
BAYSIDE UNIT 4													
341.00 STRUCTURES AND IMPROVEMENTS	242,333.96	(73,139)	12-2049	VARIOUS *	(2)	12,359	5.10	12-2049	50-R3 *	(10)	14,661	6.05	2,302
342.00 FUEL HOLDERS	3,372,330.65	1,418,335	12-2049	VARIOUS *	(5)	107,915	3.20	12-2049	50-R0.5 *	(3)	94,839	2.81	(13,076)
343.00 PRIME MOVERS	15,850,670.55	9,597,763	12-2049	VARIOUS *	(7)	507,221	3.20	12-2049	50-O1 *	(5)	330,755	2.09	(176,466)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	42,590.23	13,833	12-2049	VARIOUS *	(7)	1,363	3.20	12-2049	8-L0 *	40	2,165	5.08	802
345.00 ACCESSORY ELECTRIC EQUIPMENT	4,168,999.00	2,059,329	12-2049	VARIOUS *	(5)	116,732	2.80	12-2049	55-S1 *	(4)	101,265	2.43	(15,467)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	904.61	487	12-2049	VARIOUS *	(2)	31	3.40	12-2049	35-L2 *	(3)	26	2.87	(5)
TOTAL BAYSIDE UNIT 4	*23,677,829.00*	*13,016,608*				*745,621*	*3.15*				*543,711*	*2.30*	*(201,910)*
BAYSIDE UNIT 5													
341.00 STRUCTURES AND IMPROVEMENTS	793,114.26	(27,676)	12-2049	VARIOUS *	(2)	34,897	4.40	12-2049	50-R3 *	(10)	38,532	4.86	3,635
342.00 FUEL HOLDERS	2,279,059.85	834,227	12-2049	VARIOUS *	(5)	75,209	3.30	12-2049	50-R0.5 *	(3)	69,477	3.05	(5,732)
343.00 PRIME MOVERS	15,109,732.98	8,264,764	12-2049	VARIOUS *	(7)	513,731	3.40	12-2049	50-O1 *	(5)	354,107	2.34	(159,624)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	3,746,423.62	2,152,192	12-2049	VARIOUS *	(7)	127,378	3.40	12-2049	8-L0 *	40	42,097	1.12	(85,281)
345.00 ACCESSORY ELECTRIC EQUIPMENT	10,386,138.19	6,696,976	12-2049	VARIOUS *	(5)	280,426	2.70	12-2049	55-S1 *	(4)	183,683	1.77	(96,743)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-	12-2049	VARIOUS *	(2)	-	3.90	12-2049	35-L2 *	(3)	-	2.94 **	-
TOTAL BAYSIDE UNIT 5	*32,314,468.90*	*17,920,483*				*1,031,641*	*3.19*				*687,896*	*2.13*	*(343,745)*
BAYSIDE UNIT 6													
341.00 STRUCTURES AND IMPROVEMENTS	2,656,231.54	695,088	12-2049	VARIOUS *	(2)	82,343	3.10	12-2049	50-R3 *	(10)	96,189	3.62	13,846
342.00 FUEL HOLDERS	1,545,428.90	640,223	12-2049	VARIOUS *	(5)	57,181	3.70	12-2049	50-R0.5 *	(3)	43,912	2.84	(13,269)
343.00 PRIME MOVERS	17,513,068.63	11,503,619	12-2049	VARIOUS *	(7)	472,853	2.70	12-2049	50-O1 *	(5)	323,543	1.85	(149,310)
343.10 PRIME MOVERS - CONTRACTUAL SERVICE AGREEMENTS	11,561.54	4,307	12-2049	VARIOUS *	(7)	312	2.70	12-2049	8-L0 *	40	509	4.40	197
345.00 ACCESSORY ELECTRIC EQUIPMENT	14,326,607.55	7,178,379	12-2049	VARIOUS *	(5)	401,145	2.80	12-2049	55-S1 *	(4)	344,701	2.41	(56,444)
346.00 MISCELLANEOUS POWER PLANT EQUIPMENT	11,736.48	5,890	12-2049	VARIOUS *	(2)	258	2.20	12-2049	35-L2 *	(3)	364	3.10	106
TOTAL BAYSIDE UNIT 6	*36,064,634.64*	*20,027,505*				*1,014,092*	*2.81*				*809,218*	*2.24*	*(204,874)*
TOTAL BAYSIDE POWER STATION	***1,332,418,710.04***	***527,021,142***				***63,885,780***	***4.79***				***51,800,018***	***3.89***	***(12,085,762)***
TOTAL OTHER PRODUCTION PLANT	***3,644,506,691.94***	***1,188,737,602***				***140,935,732***	***3.87***				***130,178,607***	***3.57***	***(10,757,125)***
SOLAR SITES													
341.00 STRUCTURES AND IMPROVEMENTS	389,630,578.95	51,744,519		35-SQ	0	11,299,287	2.90		30-S3	0	13,126,887	3.37	1,827,600
343.00 PRIME MOVERS	1,110,482,449.90	97,011,381		35-SQ	0	32,203,991	2.90		30-S3	0	37,619,565	3.39	5,415,574
345.00 ACCESSORY ELECTRIC EQUIPMENT	267,296,627.97	35,783,835		35-SQ	0	7,751,660	2.90		30-S3	0	9,029,438	3.38	1,277,778
348.00 ENERGY STORAGE EQUIPMENT	29,513,911.38	4,476,523		10-SQ	0	2,951,391	10.00		10-S3	0	3,034,835	10.28	83,444
TOTAL SOLAR SITES	***1,796,925,568.20***	***189,016,259***				***54,206,329***	***2.90***				***62,810,725***	***3.50***	***8,604,396***
DC MICRO GRID													
341.00 STRUCTURES AND IMPROVEMENTS	-	-		30-SQ	0	-	3.33		30-S3	0	-	3.33 **	-
343.00 PRIME MOVERS	929,494.74	56,025		30-SQ	0	30,952	3.33		30-S3	0	31,693	3.41	741
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-		30-SQ	0	-	3.33		30-S3	0	-	3.33 **	-
348.00 ENERGY STORAGE EQUIPMENT	9,134.50	1,773		10-SQ	0	913	10.00		10-S3	0	980	10.73	67
TOTAL DC MICRO GRID	***938,629.24***	***57,798***				***31,865***	***2.90***				***32,673***	***3.48***	***808***
MACDILL AIR FORCE BASE													
341.00 STRUCTURES AND IMPROVEMENTS	-	-		n/a	n/a	-	n/a	12-2055	50-R3 *	(10)	-	3.60 **	-
343.00 FUEL HOLDERS	-	-		n/a	n/a	-	n/a	12-2055	50-R0.5 *	(3)	-	3.76 **	-
343.00 PRIME MOVERS	-	-		n/a	n/a	-	n/a	12-2055	50-O1 *	(5)	-	3.96 **	-
345.00 ACCESSORY ELECTRIC EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	55-S1 *	(4)	-	3.45 **	-
345.00 MISCELLANEOUS POWER PLANT EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	35-L2 *	(3)	-	3.78 **	-
348.00 ENERGY STORAGE EQUIPMENT	-	-		n/a	n/a	-	n/a	12-2055	10-S3 *	0	-	10.00 **	-
TOTAL MACDILL AIR FORCE BASE	-	-				-					-		-
TOTAL PRODUCTION PLANT	***6,899,880,807.96***	***1,920,931,398***				***243,799,685***	***3.50***				***250,945,035***	***3.64***	***7,145,350***
DISTRIBUTION													
367.00 UNDERGROUND CONDUCTORS AND DEVICES	742,409,241.49	36,671,003		45-R1.5	(5)	17,075,413	2.30		40-R1.5	(10)	21,823,703	2.94	4,748,290
TOTAL DISTRIBUTION	***742,409,241.49***	***36,671,003***				***17,075,413***	***2.30***				***21,823,703***	***2.94***	***4,748,290***

* CURVE SHOWN IS INTERIM SURVIVOR CURVE. LIFE SPAN METHOD IS USED.
** CALCULATED DEPRECIATION RATE TO BE APPLIED TO FUTURE INSTALLED PLANT IN-SERVICE

TAMPA ELECTRIC COMPANY

TABLE 4. CALCULATION OF WEIGHTED NET SALVAGE PERCENT FOR GENERATION PLANT AS OF DECEMBER 31, 2024
BASED ON PRELIMINARY ESTIMATES USING DATA THROUGH 2022

ACCOUNT		TERMINAL RETIREMENTS RETIREMENTS ($)	TERMINAL RETIREMENTS NET SALVAGE (%)	TERMINAL RETIREMENTS NET SALVAGE ($)	INTERIM RETIREMENTS RETIREMENTS ($)	INTERIM RETIREMENTS NET SALVAGE (%)	INTERIM RETIREMENTS NET SALVAGE ($)	TOTAL NET SALVAGE ($)	TOTAL RETIREMENTS	ESTIMATED NET SALVAGE (%)
(1)		(2)	(3)	(4)=(2)x(3)	(5)	(6)	(7)=(5)x(6)	(8)=(4)+(7)	(9)=(2)+(5)	(10)=(8)/(9)
STEAM PRODUCTION PLANT										
311.00	STRUCTURES AND IMPROVEMENTS	291,184,138	0	0	66,252,005	(30)	19,875,602	19,875,602	357,436,143	(6)
312.00	BOILER PLANT EQUIPMENT	460,179,117	0	0	311,491,753	(30)	93,447,526	93,447,526	771,670,870	(12)
314.00	TURBOGENERATOR UNITS	107,666,179	0	0	44,626,442	(30)	13,387,933	13,387,933	152,292,621	(9)
315.00	ACCESSORY ELECTRIC EQUIPMENT	99,204,534	0	0	42,199,473	(15)	6,329,921	6,329,921	141,404,007	(4)
316.00	MISCELLANEOUS EQUIPMENT	22,968,505	0	0	11,737,772	(2)	234,755	234,755	34,706,277	(1)
TOTAL STEAM PRODUCTION PLANT		**981,202,473**		**-**	**476,307,445**		**133,275,737**	**133,275,737**	**1,457,509,919**	
OTHER PRODUCTION PLANT										
341.00	STRUCTURES AND IMPROVEMENTS	337,177,812	0	0	112,240,491	(40)	44,896,196	44,896,196	449,418,303	(10)
342.00	FUEL HOLDERS	629,304,741	0	0	159,579,707	(15)	23,936,956	23,936,956	788,884,448	(3)
343.00	PRIME MOVERS	1,306,623,521	0	0	569,889,577	(15)	85,483,436	85,483,436	1,876,513,098	(5)
343.10	PRIME MOVERS - CAPITAL SPARE PARTS	1,887,582	0	0	198,936,980	40	(79,574,792)	(79,574,792)	200,824,562	40
345.00	ACCESSORY ELECTRIC EQUIPMENT	241,696,746	0	0	64,077,831	(20)	12,815,566	12,815,566	305,774,577	(4)
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT	10,373,327	0	0	12,718,377	(5)	635,919	635,919	23,091,704	(3)
TOTAL OTHER PRODUCTION PLANT		**2,527,063,729**		**-**	**1,117,442,963**		**88,193,282**	**88,193,282**	**3,644,506,692**	
TOTAL PRODUCTION PLANT		**3,508,266,203**		**-**	**1,593,750,408**		**221,469,018**	**221,469,018**	**5,102,016,611**	

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that copies of the foregoing rebuttal testimony and exhibit have been served by posting on a shared document site, hand delivery of a USB drive or by electronic mail on this 2nd day of July, 2024 to the following:

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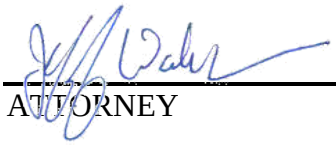

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