Tampa Electric’s Avoided Unit Data for 2020-2029

DSM Goals Setting

1. In‐service Date: January 1, 2023

2. Type of Unit: 7 FA.05 CT

3. Type of Fuel: Natural Gas

4. Average Annual heat rate Average (Btu/kWh): 11,110

5. Cost of Fuel Natural Gas (2023 $/MMBtu): 5.59

6. Construction Cost (W/O AFUDC)

a: 2018 $000 122,820

b: $/kW (based on winter rating) 501.92

7. Construction Escalation Rate 2018 & beyond: 2.4 percent

8. In‐service Cost (W/AFUDC)

a: 2023 $000 144,381

b: $/kW (based on average rating) 590.03

9. Incremental Capital Structure

a: Debt 46.00 percent

c: Common Stock 54.00 percent

10. Cost of Capital

a: Debt 4.50 percent

c: Common Stock 10.25 percent

11. Book Life 30 years

12. Tax Life 15 years

13. AFUDC Rate 6.46 percent

14. Effective Tax Rate 25.345 percent

15. Other Taxes (2023) 1.21 percent

16. Other Taxes Escalation Rate 0.00 percent

17. Discount Rate for Present Worth 7.080 percent

18. Fixed O&M Costs (2018 $/kW/yr) 5.56

19. Variable O&M Costs (2018 $/MWh) 11.46

20. O&M Escalation Rate 2018 & beyond 2.4 percent

21. Value of K‐factor 1.521

22. Capacity (kW) Winter 245,000

23 Capacity (kW) Summer 229,000