

BEFORE THE ELECTRIC POWER BOARD

**RESOLUTION RECOMMENDING TVA PURSUE SOLAR AND STORAGE
INVESTMENTS IN EAST TENNESSEE**

WHEREAS, the Tennessee Valley Authority (“TVA”) has invited public comment and feedback on the evaluation of the retirement of its Kingston Fossil Plant in Harriman, Tennessee (“Kingston Plant”), which was built between 1951 and 1955 and has a summer net capability of 1,398 megawatts;

WHEREAS, as part of this process, TVA has developed a draft Environmental Impact Statement (“EIS”) outlining three alternative paths forward for the Kingston Plant and provides a dynamic opportunity for TVA to replace environmentally harmful fossil fuel with clean renewable energy;

WHEREAS, the Kingston Plant site has experienced environmental contamination issues in the past and TVA worked diligently to clean up the site and regain public trust;

WHEREAS, TVA’s preferred path involves demolishing the current the nine coal-fired units at the Kingston Plant and replace it with a gas-fired combined cycle (CC) gas plant paired with 16 dual-fuel Aeroderivative combustion turbines (CT), which would require the building of gas pipeline infrastructure to supply the plant, along with very limited installations of renewable generation;

WHEREAS, one of the other alternative paths for the Kingston Plant involves retirement of the fossil fuel plant and replacing it with multiple solar facilities accompanied with battery storage placed across the TVA service territory (“Alternative B”), which would connect to TVA’s existing transmission system rather than through the building of miles of gas pipeline by impacting acres natural habitats and impacting over 500 waterbodies;

WHEREAS, the Electric Power Board of the Metropolitan Government of Nashville Davidson County (“Board”) provides oversight and strategic visioning of Nashville Electric Service (“NES”), which is TVA’s largest customer and utility distributor;

WHEREAS, NES is dependent on TVA to supply all of its power needs to all 420,000+ customers in Davidson and six other counties in Middle Tennessee and is severely limited in its ability to bring clean renewable energy to the region without TVA’s consent;

WHEREAS, TVA generation is only 14% renewables, which places it behind other major power providers in the nation even with its recent commitments to renewable energy;

WHEREAS, the Board is tasked with ensuring that NES fulfills its mission to deliver safe, reliable power and that safe includes the impact of said power generation and delivery on the environments and communities of the area it serves;

WHEREAS, NES, at the Board’s direction, is in the early stages of its Environmental, Social, and Governance (“ESG”) framework and strategy to make environmentally conscious

operational decisions and to keep NES appealing to the bond markets, which is fundamental to keeping rates low and power affordable for NES customers;

WHEREAS, NES's ability to implement a robust ESG policy will be enhanced by an increase in renewable energy offered by TVA;

WHEREAS, TVA's process of seeking input on the future of generation at the Kingston Plant site provides the Board a rare opportunity to provide guidance that steers TVA away from fossil fuels toward sustainable renewable power generated in the Tennessee Valley rather than in another area of the country;

WHEREAS, according to a 2020 report produced by David Gardiner & Associates entitled "Nashville Carbon Competitiveness" (the "Gardiner Report"), 90 percent of S&P 500 companies published a corporate sustainability report for 2019, and these reports mainly focused on climate change, including the reduction of corporate GHG emissions and the scaling up of clean energy;

WHEREAS, the Gardiner Report emphasizes that companies continue to increase their sustainability goals and demand for carbon reduction from the utilities that serve them;

WHEREAS, the Gardiner Report states that companies looking to relocate and provide economic development opportunities to Nashville are using NES's ability to provide clean, renewable energy as a metric in their decision-making process;

WHEREAS, the Board recognizes the lack of clean, renewable energy places NES and the Nashville region at a competitive business disadvantage in attracting more businesses to the Middle Tennessee area, which is a significant finding of the Gardiner Report;

WHEREAS, the Board also recognizes that NES's largest institutional customer, Vanderbilt University, and governmental customer, the Metropolitan Government of Nashville-Davidson County, have sustainability targets that NES could only deliver with 100 percent customer investment and a greater focus on renewable energy from TVA;

WHEREAS, smaller NES business customers without significant resources do not have the choice or option to consume environmentally sustainable power, which could place them at a competitive disadvantage with their vendors and customers; and

WHEREAS, the Board understands that, as the stewards of NES's public power utility, it must be the voice of its customers to ensure that TVA continues to make the necessary investments in clean, renewable energy.

NOW, THEREFORE, BE IT RESOLVED that the Board, in the pursuit of safe, reliable, and affordable power:

AFFIRMS its support for TVA's development and proliferation of renewable sources of energy and fuel, particularly solar accompanied by battery storage;

AFFIRMS TVA's intentional shift of its power infrastructure away from fossil fuels and toward sustainable energy production and storage, and

AFFIRMS its support for TVA's efforts to manage and reduce greenhouse gas emissions.

BE IT FURTHER RESOLVED that this Board recommends that TVA further evaluate the solution for the retirement of the Kingston Plant. This solution should include the resources utilized in Alternative A in conjunction with those in Alternative B as well as energy efficiency and demand response initiatives for the following reasons:

(1) Alternative B provides for the quicker delivery of clean, renewable solar energy produced in the Tennessee Valley;

(2) Alternative B creates economic opportunities for jobs, federal incentives, and construction dollars associated with the new proposed solar arrays;

(3) Alternative B provides NES with more attractive resources in its toolbox to offer clean, renewable energy that keeps it competitive with other major American cities by lowering the carbon from its power provider; and

(4) Alternative B prevents TVA from investing in long-term assets that leave ratepayers with high stranded asset costs if future technological innovations provide more efficient clean, renewable alternatives.

(5) Alternative B prevents TVA from investing in long-term assets that leave ratepayers with high stranded asset costs if future technological innovations provide more efficient clean, renewable alternatives.

BE IT FURTHER RESOLVED that the Secretary of the Board shall file this Resolution with TVA prior to July 3, 2023, transmit a copy of this Resolution to the Mayor of the Metropolitan Government of Nashville and Davidson County, and preserve a copy for NES's files.

ADOPTED by the Electric Power Board on this 28th day of June 2023.

By: _____
Rob McCabe, Chair

Date: 6-28-2023

Approved as to form and legality:

By: Laura Smith
Laura Smith, VP & General Counsel

Date: 6-28-2023

ATTEST AND CERTIFICATION

I, David Frankenberg, do hereby certify that I am the duly appointed secretary of the Electric Power Board of the Metropolitan Government of Nashville and Davidson County, and as such official, I further certify that the foregoing resolution is a true and correct copy of said resolution adopted by the Electric Power Board at its regular meeting on June 28, 2023.

By: David Frankenberg
David Frankenberg, Secretary

Date: 6/28/23