# ASSOCIATION OF TENNESSEE VALLEY GOVERNMENTS BOARD OF DIRECTORS RESOLUTION SUPPORTING TVA's 2015 INTEGRATED RESOURCE PLAN

WHEREAS, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

WHEREAS, TVA's vision is to be one of the nation's leading providers of low-cost and cleaner energy by 2020; and

WHEREAS, TVA's current Integrated Resource Plan (IRP) issued in 2011 calls for the idling of coal-fired units at several locations throughout the Tennessee Valley while adding generating capacity from natural gas and nuclear-generating facilities; and

WHEREAS, there have been several significant energy industry changes since 2011 including lower-cost natural gas, an electricity demand drop, and gains in renewables and energy efficiency; and

WHEREAS, TVA is preparing a final version of a 2015 IRP that forecasts needed electric power through 2033 and the strategies to meet forecast demand; and

WHEREAS, TVA has solicited public input on this 2015 IRP.

THEREFORE BE IT RESOLVED, that ATVG Board of Directors supports the proposed final version of the 2015 IRP and it strongly encourages that the TVA Board continues to solicit input from external stakeholders and incorporate that input into future IRP planning and decision-making processes and TVA's leaders actively communicate with representatives from local governments in communities that will be impacted by the shift of TVA's generating capacity as outlined in the IRP, especially the communities that are likely to have coal-fired units idled or cancelled to determine the potential economic impacts to the local and regional economics of these communities from TVA's actions; and TVA's leaders actively work with representatives from local governments in all impacted communities.

BE IT FURTHER RESOLVED that a copy of this resolution be presented to the TVA Board of Directors.

Approved by the ATVG Board of Directors April 23, 2015

Frank McKee Secretary ATVG

### Association of Tennessee Valley Governments Board of Directors

#### Resolution Regarding TVA Purchase of Wind Power from Clean Line Energy Partners.

Whereas, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

Whereas, TVA's mission focuses on providing low cost, reliable electricity, environmental stewardship and economic development to the people of the Tennessee Valley; and

Whereas, the TVA Act of 1933 mandates that TVA provide power to its customers at the lowest feasible cost; and

Whereas, TVA is currently evaluating a proposal to purchase a large amount of wind generated electrical power from the Oklahoma panhandle from Clean Line Energy Partners, LLC, and transport it 700 miles using a single high voltage direct current transmission line that will bypass the existing network of power lines to Memphis, Tennessee; and

Whereas, such a partnership between Clean Line and TVA would likely transport wealth outside the Tennessee Valley to the detriment of the nine million residents of the Valley; and

Whereas, TVA has stated that electricity demand in the Tennessee Valley is not expected to return to 2007 levels until 2020; and

Whereas, the nation's power grid is a complex, interconnected network of generating plants, transmission lines and distribution facilities; and

Whereas, bypassing the grid to purchase electricity from such a long distance away increases security threats by providing additional exposure for natural or malicious events due to the extreme distance between generation and point of use without needed network redundancy; and

Whereas, wind is an intermittent power source that lacks the dispatch capability of other resources and does not eliminate the need for base load or dispatchable power plants like other more dependable resources such as nuclear, natural gas, coal and hydropower; and

Whereas, the number of property parcels and property owners that may be negatively affected by eminent domain as a result of the construction of this proposed 700 mile transition line is unknown; now, therefore,

BE IT RESOLVED by the Association of Tennessee Valley Governments (ATVG), that we strongly encourage the Tennessee Regulatory Authority to exercise caution as it considers the application of Clean Line Energy Partners, LLC, for a certificate of public convenience and necessity to operate as a public utility with powers of eminent domain within the State of Tennessee until it is proven that its proposal meets TVA's obligation to provide reliable power to its customers at the lowest feasible cost.

BE IT FURTHER RESOLVED, that upon adoption of this resolution, it be sent to the United States Department of Energy, the Tennessee Regulatory Authority, the Tennessee Congressional delegation, the Governor of Tennessee, and the TVA Board of Directors.

4// 1 - C August 1, 2014

etary, ATVG Date

## Association of Tennessee Valley Governments Board of Directors Resolution

#### Supporting the Licensing and Operation of Watts Bar Nuclear Plant Unit 2

WHEREAS, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

WHEREAS, TVA's vision is to be one of the nation's leading providers of low-cost and clean energy by 2020; and

WHEREAS, even with increases in energy efficiency and demand response programs, TVA will need more generating capacity to achieve its vision; and

WHEREAS, TVA'S Integrated Resource Plan calls for future generation from a balanced mix of reliable, clean and competitively priced sources that include more nuclear power and ATVG is on record in support of this plan; and

WHEREAS, TVA already is a leader in the production of safe carbon-free nuclear energy; and

WHEREAS, ATVG has passed previous resolutions in support of the restart of Bellefonte Nuclear Plant, the small modular reactor initiative, and nuclear power as the best technology for keeping reliability high and power rates competitive; and

WHEREAS, TVA is achieving milestones in the construction of Watts Bar Nuclear Plant Unit 2 in a safe manner with a forecast of construction completion within the next 12 months.

THEREFORE BE IT RESOLVED, that ATVG fully supports the licensing and operation of Watts Bar Nuclear Plant Unit 2 with a continued focus on safety;

BE IT FURTHER RESOLVED, that a copy of this resolution be presented to the TVA Board of Directors.

Secretary, ATVG

Approved by ATVG Board April 24, 2014

### ASSOCIATION OF TENNESSEE VALLEY GOVERNMENTS BOARD OF DIRECTORS

#### RESOLUTION

### SUPPORT OF U.S. DEPARTMENT OF ENERGY APPROVAL AND CONSTRUCTION OF A NUCLEAR SPENT FUEL STORAGE FACILITY

Whereas, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

Whereas, ATVG has passed specific resolutions in support of Nuclear Energy, the restart of Bellefonte Nuclear Plant, and TVA's Integrated Resource Plan which calls for the increase of Nuclear Energy in TVA's portfolio of energy production; and

Whereas, the ATVG has recognized the need for a long term/permanent Nuclear Spent Fuel Storage Facility, to make the Nuclear Energy option more acceptable; and

Whereas, there are currently nine stranded Spent Fuel Facilities at shutdown reactor sites and there is spent nuclear waste at most active nuclear power facilities; and

Whereas, a geological repository location and the design and construction of a Nuclear Spent Fuel Facility should be under the direction of the United States Department of Energy; and

Whereas, the demands of environmental and health safety require that Nuclear Spent Fuel be handled as expeditiously as possible.

Now, Therefore, Be It Resolved, that the Association of Tennessee Valley Governments supports the United States Department of Energy in the development and construction of permanent Nuclear Spent Fuel Storage Facility(ies) in an expeditious manner.

Be It Further Resolved, that ATVG will forward this resolution to the Secretary of the Department of Energy.

Approved by the ATVG Board of Directors

April 25, 2013

Frank McKee. Secretary ATVG

# ASSOCIATION OF TENNESSEE VALLEY GOVERNMENTS BOARD OF DIRECTORS RESOLUTION SUPPORT OF U.S. SENATE CONFIRMATION HEARINGS

WHEREAS, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

WHEREAS, ATVG has great interest in the composition of the TVA nine member Board of Directors; and

WHEREAS, ATVG has concern that TVA Board currently has only four members until the U.S. Senate moves forward on confirmations; and

WHEREAS, a four member TVA Board is short of the quorum required by TVA bylaws to have authority to direct TVA into new activities, start new programs or change any existing policy; and

WHEREAS, local governments with their court houses, city halls, schools, libraries, jails, and other public facilities, including electric utilities in some cases, are one of TVA's largest customer groups, and

THEREFORE BE IT RESOLVED, that ATVG recommends that the U.S. Senate immediately consider nominees who have a broad diversity of experience and an educational background which would create a diversified board and that the board's composite membership qualifications should include:

- Local government experience
- Engineering and design expertise
- Executive management experience
- Government and customer relations
- Background in power supply planning and operations expertise
- Working knowledge of TVA and its history

**BE IT FURTHER RESOLVED,** that AVTG will forward this resolution to the fourteen U.S. Senators who represent the seven state TVA region.

Approved by the ATVG Board of Directors

Dec. 6, 7012 Date

rank McKee, Secretary ATVG

# ASSOCIATION OF TENNESSEE VALLEY GOVERNMENTS BOARD OF DIRECTORS RESOLUTION OF SUPPORT FOR TVA SMALL MODULAR REACTORS

WHEREAS, the Association of Tennessee Valley Governments (ATVG) represents more than 500 local governments within Tennessee Valley River Counties who closely monitor issues associated with the Tennessee Valley Authority (TVA); and

WHEREAS, the United States Department of Energy (DOE) and the TVA have had a significant impact on local cities, counties, and the nation with the development of advanced technologies; and

WHEREAS, the Oak Ridge DOE facilities are large consumers of TVA power which is currently heavily supplied by fossil fuels; and

WHEREAS, the Oak Ridge DOE facilities desire to move toward "green energy"; and

WHEREAS, Small Modular Reactors (SMRs) have the potential to provide the United States clean, safe, cost-effective energy and create jobs and spur economic development; and

WHEREAS, the TVA owns property adjacent to the DOE Reservation which was previously approved for the construction of the Clinch River Breeder Reactor, an energy project which was cancelled in the early 1980's; and

WHEREAS, TVA has expressed its desire to use its Clinch River Breeder Reactor property (previously approved as an energy site) along with power distribution lines which are located on adjacent property, for consideration as a location for a SMR; and

WHEREAS, TVA has partnered with Babcock and Wilcox (B&W) for the development of the SMR using B&W mPower reactor technology; and

WHEREAS, the proposed site is in a region which has citizens who have supported and worked in and around the nuclear industry for decades and have the employee workforce and skill set to support this project successfully;

NOW, THEREFORE, BE IT RESOLVED, that the ATVG supports TVA in its submission to the DOE for the development, construction, and operation of a SMR to be based on TVA property known as the Clinch River Breeder Reactor Site in Roane County, Tennessee.

BE IT FURTHER RESOLVED, that AVTG will work with the TVA and any of its partners and affiliates to assist in bringing SMR's to the Tennessee Valley.

Approved by the ATVG Board of Directors

May, 2012

Frank McKee, Secretary ATVG

# ASSOCIATION OF TENNESSEE VALLEY GOVERNMENTS BOARD OF DIRECTORS RESOLUTION RECOGNIZING TVA'S EIGHTY YEARS OF SERVICE

WHEREAS, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

WHEREAS, the TVA Act was signed into law on May 18, 1933; and

WHEREAS, the mission of the TVA has been to provide affordable, reliable power, integrated resource management and sustainable economic development, and TVA has been successfully fulfilling that mission for eight decades; and

WHEREAS, local governments in the seven-state TVA service region not only have benefitted from but have played significant roles in all aspects of this mission, beginning in the depths of the Depression and continuing today; and

WHEREAS, hundreds of temporary and permanent employees in our communities supported the development and continue the maintenance of TVA facilities and the implementation of TVA programs; and

WHEREAS, TVA has adopted a renewed vision that will help it lead the Tennessee Valley region and the nation toward a cleaner and more secure energy future; and

WHEREAS, TVA's renewed vision is to be one of the nation's leading providers of low-cost and cleaner energy by 2020, while also being a leader in increased energy efficiency; and

WHEREAS, this renewed vision will be beneficial to the citizens of all our communities and to local governments.

THEREFORE BE IT RESOLVED, that ATVG hereby recognizes and congratulates the Tennessee Valley Authority on its 80<sup>th</sup> anniversary and extends thanks to TVA for its positive impact upon local governments and our citizens;

BE IT FURTHER RESOLVED, that a copy of this resolution be presented to the TVA Board of Directors.

Approved by the ATVG Board of Directors April, 2012

Frank McKee, Secretary ATVG

# Association of Tennessee Valley Governments Board of Directors Resolution Supporting Legislation to Reform the Inland Waterway Trust Fund

Whereas, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Counties who closely monitor issues that impact regional economies; and

Whereas, ATVG is concerned with funding levels of the Inland Waterways Trust Fund (IWTF) which was established to fund construction and major rehabilitation projects on the inland waterways providing for a 50/50 cost-share between the private sector and the federal government; and

Whereas, the IWTF has failed to provide adequate funding for vital and necessary infrastructure investments resulting in much-needed water resource projects going underfunded including two capital projects identified as among the highest priorities – the Chickamauga Lock and the Kentucky Lock; and

Whereas, these two specific locks on the Tennessee River serve Alabama, Kentucky, and Tennessee and greatly impact the economy of many regions of the Tennessee River Valley; and

Whereas, legislation is being considered that reforms the IWTF and seeks to replenish funding and jump-start necessary capital improvement projects while preserving the existing 50/50 cost-sharing responsibility for new construction and major rehabilitation projects for those projects costing \$100 million or more; and

Whereas, this legislation does seek an increase in the existing fuel tax for the barge and towing industry to be matched by the federal government; and

Whereas, the barge and towing industry has concerns about the alternative approaches to increased revenue such as a lockage fee; and

Whereas, action is urgently needed to avoid further deterioration of our inland waterway infrastructure.

Therefore, be it resolved by the Board of Directors of the Association of Tennessee Valley Governments that it fully supports much needed reform of the IWTF.

Approved by the ATVG Board of Directors

April 19, 2012

Frank McKee, Secretary ATVG

## Association of Tennessee Valley Governments Board of Directors Resolution Support of Nuclear Energy

Whereas, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

Whereas, ATVG has reviewed issues related to the nuclear power production and its impacts on the Tennessee Valley and nation; and

Whereas, demand for electrical power within the TVA power service area has increased by an average rate of 2.3 percent per year from 1990 to 2008 and, although the recent economic recession has slowed load growth in the short term and added uncertainty to the forecast of power needs, future power needs are projected to grow at a rate that requires additional generating capacity; and

Whereas, public policy and EPA regulation will likely limit carbon emissions allowed from future electric power generation sources; and

Whereas, nuclear power plants produce baseload electricity with minimal environmental impact, and can help the United States reach its goal of reduced air pollution and lower greenhouse gas emissions while simultaneously increasing electrical generation; and

Whereas, more than 100 operating nuclear power plants in the United States provided more than 800 billion kilowatt-hours of electricity to consumers in 2010, providing 20 percent of the nation's total electrical energy supply; and

Whereas, nuclear energy products create thousands of construction jobs and hundreds of long-term skilled permanent jobs, bringing an economic benefit to local communities throughout the Tennessee Valley; and

Whereas, the ATVG believes that the generation of nuclear energy is a safe, low cost, emission-free energy source for use by the residents of the Tennessee Valley; and

Whereas, the ATVG supports the efforts of the Tennessee Valley Authority and other energy utilities nationwide to complete existing nuclear power and pursue new nuclear generation,

Therefore be it resolved that ATVG supports the development and implementation of nuclear energy within the Tennessee Valley and throughout the United States; and

Be it further resolved that ATVG will work with the Tennessee Valley Authority and any of its partners and affiliates to assist in bringing additional nuclear energy capacity to the Tennessee Valley.

Approved by the ATVG Board of Directors

July 29, 2011

Secretary ATVG

Frank McKee

# Association of Tennessee Valley Governments Board of Directors Resolution Opposition to Interbasin Transfer of Water

Whereas, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA) and

Whereas, the Tennessee River is the most intensively used river system in the country, according to a joint study by the U.S. Geological Survey and the TVA; and

Whereas, approximately 97 percent of the water currently taken from the river is returned to the system for use downstream; and

Whereas, economies throughout the Tennessee Valley Region depend on the Tennessee River System for low-cost power generation, municipal and industrial water supply, efficient waterborne transportation, recreation, tourism, environmental preservation, and jobs; and

Whereas, impacts of interbasin transfers may not occur at the point of withdrawal, but on reservoirs far from the point of withdrawal potentially effecting municipal and industrial water supplies; and

Whereas, interbasin transfers could impair TVA's ability to carry out mandated responsibilities for managing the Tennessee River System; and

Whereas, interbasin transfers will reduce hydropower generation and possibly reduce water availability for power-plant cooling; and

Whereas, interbasin transfers at some locations would create environmental conflicts with in-stream uses such as for fish and aquatic life; and

Whereas, during the drought of 2006-07, TVA experienced disruptions in power generation at the Browns Ferry Nuclear Plant due to water temperatures associated with reduced flow rates; and

Whereas, ATVG has previously taken positions opposing interbasin transfers of water;

Therefore, be it resolved that ATVG reaffirms its opposition to interbasin transfer of water from the Tennessee River Basin.

Frank McKee

Approved by ATVG Board of Directors.

July 29, 2011

### Association of Tennessee Valley Governments Board of Directors Resolution Regulation of Coal Combustion Residuals

Whereas, the Association of Tennessee Valley Governments (ATVG) represents local governments within more than 200 Tennessee Valley River Region Counties which closely monitor issues associated with the Tennessee Valley Authority (TVA); and

Whereas, ATVG has reviewed issues related to the US Environmental Protection Agency's (EPA) proposed rule to regulate coal combustion residuals (CCRs) which are commonly referred collectively to as coal ash; and

Whereas, EPA has found in both 1993 and 2000 that CCRs do not warrant regulation as a hazardous waste; and

Whereas, CCRs do not exhibit any of the four characteristics of hazardous waste ignitability, corrosivity, reactivity, or toxicity; and

Whereas, the additional regulation of CCRs would have negative impact on the beneficial use of CCRs in numerous construction products and materials; and

Whereas, such additional regulation would result in unnecessary cost increases to generators of electric power from coal which would eventually be passed on to the ratepayers and consumers; and

Whereas, the primary concerns with CCR disposal are not related to the characteristics of the substance itself but are related to the structural failure of the earthen disposal impoundments resulting in the coal ash spill at the Kingston Coal Plant; and

Whereas, the environmental and structural concerns with CCR disposal can and should be adequately addressed under landfill regulations overseen by state authority; and

Whereas, it is reasonable and responsible to review and improve systems and procedures associated with adequate CCR disposal controls,

Therefore, be it resolved that ATVG fully supports the appropriate engineering review of CCR disposal control systems by TVA and any other appropriate federal and state agency; and

Be it further resolved, that ATVG strongly opposes the regulation of CCRs as a hazardous waste; and

Be it finally resolved that ATVG supports a position that no new regulation of CCRs by EPA is needed at this time.

Approved by ATVG Board of Directors.

April 6, 2011

June Mikes Secretary ATVG

Frank McKee

## Association of Tennessee Valley Governments Board of Directors Resolution Supporting TVA's Integrated Resource Plan

Whereas, the Congress of the United States adopted the "Tennessee Valley Authority Act of 1933" to improve the navigability and to provide for the flood control of the Tennessee River; to provide for reforestation and the proper use of marginal lands in the Tennessee Valley; and to provide for the agriculture and industrial development of said valley; and

Whereas, the TVA board of directors has adopted a renewed vision that will help TVA lead the Tennessee Valley region and the nation toward a cleaner and more secure energy future, relying more on nuclear power and energy efficiency and less on coal; and

Whereas, TVA's renewed vision is to be one of the nation's leading providers of low-cost and cleaner energy by 2020. More specifically, TVA intends to be:

- The nation's leader in improving air quality
- The nation's leader in increased nuclear production
- · The Southeast's leader in increased energy efficiency; and

Whereas, TVA's Integrated Resource Plan (IRP) calls for the idling of coal-fired units at several locations throughout the Tennessee Valley while adding generating capacity from natural gas and nuclear generating facilities; and

Whereas, the economic vitality of the Valley communities where TVA currently generates coal-fired energy is significantly benefited by the jobs, payroll and sales of services and materials to those generating facilities; and

Therefore, be it resolved by the Board of Directors of the Association of Tennessee Valley Governments that TVA's leaders adhere to the Integrated Resource Plan's recommendation to, "continue to solicit input from external stakeholders and incorporate that input into future IRP planning and decision making processes" and TVA's leaders actively communicate with representatives from local governments in communities that will be impacted by the shift of TVA's generating capacity as outlined in the current IRP, both communities that are likely to have coal-fired units idled and communities likely to have new generating capacity added, to determine the potential economic impacts to the local and regional economics of these communities from TVA's actions; and TVA's leaders actively work with representatives from local governments in all impacted communities.

Approved by the ATVG B	oard of Directors
November 8, 2011	Frank McKer
	Frank McKee, Secretary ATVG

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