

**MINUTES OF THE
JOHNSON CITY ENERGY AUTHORITY
D/B/A
BRIGHTRIDGE**

April 23, 2019

PRESENT: Dan Brant
Jenny Brock
Bob Cantler
Joe Grandy
James Smith
Robert Thomas
Jeffrey R. Dykes, Chief Executive Officer
Mark Eades, Chief Engineering and Technology Officer
Eric Egan, Chief Data Officer
Stacy Evans, Chief Broadband Officer
Rodney Metcalf, Chief Operations Officer
Angela Shrewsbury, Energy Services/Marketing Manager
David Spinnato, Physical Plant/Warehouse Manager
Tiphonie Watson, Customer Support Manager
Tim Whaley, Director of Public and Governmental Affairs
Stephen M. Darden, Attorney

ABSENT: B. J. King
Hal Knight
Guy Wilson
Brian Bolling, CPA, Chief Financial Officer and Chief Customer Officer
Connie Crouch, Human Resources Manager
Brian Ellis, Service Department Manager
Donnie Hall, Safety/Environmental Manager

Vice-Chairman Bob Cantler called the meeting to order and welcomed Matt Heath, AMI Manager for BrightRidge, who was attending today's meeting. Mr. Heath recounted his years of experience as a Field Operations Manager prior to his employment with BrightRidge in the AMI division of the company. He was promoted to AMI Manager in 2012.

TVA Customer Service Manager Chris Quillen introduced Tim Tidwell, Regional Manager for Economic Development for the Tennessee Valley Authority, who delivered a presentation to the Board concerning TVA's economic development initiatives.

TVA's core mission of service includes the provision of energy, preservation of the environment (including care of the Tennessee River), and assisting, through various initiatives, economic development in its service area.

TVA's economic development goals are to attract new companies and investments, to engage with communities and industries, and to serve with its economic development partners to enhance economic growth. The primary measurements of success for these initiatives include number of jobs created and capital investment achieved. In these respects, TVA states that 490,000 jobs have been created and \$61.4 billion in capital investments have been made in the Valley since 2012.

TVA's programs attract new companies through targeting of certain industrial sectors, assisting with product development, and assisting communities through funds for site preparation through the InvestPrep Program. (TVA is currently assisting in the site development for a 67-acre site and a 25-acre site at the Washington County Industrial Park in Telford.)

TVA engages with communities and industries through such programs as the VIP Investment Credit Program, which provides for an economic development credit on the customer's power bill if program criteria are met; VIP Performance Grants, which are geared toward competition projects (within the TVA region vs. outside the TVA region); and VIP Loan Funds, which involve direct lending to companies at a competitive interest rate tied to job retention and job growth. TVA also engages in partnerships with local community development agencies and local utility distributors to promote its programs and economic development enterprises.

TVA further engages with communities and industries through the provision of such technical skills as engineering and design services (conceptual master plans, site feasibility studies, conceptual site plans, architectural visualizations, and 3-D modeling).

Finally, TVA serves with its economic development partners by teaming up with local power companies, community development agencies, state agencies, and regional partners to enhance economic development and to promote quality of life in the communities it serves.

Matt Heath, AMI Manager, delivered a presentation he had recently made at the APPA Engineering and Operations Conference relative to leveraging Advanced Metering Infrastructure (AMI) technology to provide value. AMI data benefits both internal and external "customers" of the power system. BrightRidge utilizes a Tantalus AMI system which feeds information into an NISC meter data management system. The meter data management system may also feed data from the NISC system into BrightRidge's "Smart Hub" system and the BrightRidge Solar system website.

AMI information benefits the internal operations of the utility by allowing a more timely response to various issues, and streamlining operations related to Transfer

of Service Orders, Diverted kWh and Meter Tampering issues, Rereads and Investigation Orders, and Remote Disconnect operations. It further allows for troubleshooting and timely repair of issues on the system, resulting in fewer outages. Peak loads can be better managed with real time data through the Direct Load Control Program/TALO Program. System power quality is improved through real time diagnosis of transformer problems to allow for timelier repair and the shifting of electric loads to avoid outages.

Customers may access through "Smart Hub" their bill history, payment history, and customer meter usage, as well as pay their power bill online and access real time outage maps.

CEO Jeff Dykes announced that the March electric and broadband financial reports would be deferred until the May Board meeting due to the unavailability of Chief Financial Officer Brian Bolling to attend today's meeting.

Upon motion of Ms. Brock, seconded by Mr. Grandy, the following items were approved on the Electric Division Consent Agenda:

(a) The minutes of the March 26, 2019 Board meeting;

(b) The low bid of Wesco in the amount of \$59,890.00 for 200 138W-143W LED bronze lighting fixtures; and

(c) The low bid of Power Supply in the amount of \$102,005.00 for 50,000 feet of 3/8" High Strength 7 S gut wire (\$14,610.00) and 55,000 feet of ASCR 954 rail conductor wire.

The motion carried unanimously.

Upon motion of Mr. Grandy, seconded by Mr. Smith, the following items were approved on the Broadband Division Consent Agenda:

(a) The Tennessee state contract price of Ford of Murfreesboro in the amount of \$31,858.00 for one 2019 Ford F150 Crew Cab, model feature code W1E-100A truck for a Field Service Technician.

The motion carried unanimously.

Upon motion of Ms. Brock, seconded by Mr. Brant, the Board approved the following Resolution:

On April 1, 2017, the Johnson City Power Board was renamed Johnson City Energy Authority; on October 3, 2017, Johnson City Energy Authority announced their D/B/A name as BrightRidge.

WHEREAS, Michael Pokorny was employed by Johnson City Power Board on January 17, 1994 until retiring from BrightRidge on May 31, 2019; and

WHEREAS, during his twenty-five years and four months of service with the Johnson City Power Board, Johnson City Energy Authority, and BrightRidge, he served as Construction Lineman, Construction Lead Lineman, and Service Lineman; and

WHEREAS, the Board of Directors of BrightRidge wishes to recognize Mr. Pokorny for his outstanding service to the customers and staff of BrightRidge by his many years of dedication and loyalty;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of BrightRidge, meeting in regular session on the 23rd day of April, 2019, that Michael Pokorny be, and hereby is, officially commended for his twenty-five years and four months of service to the customers of BrightRidge.

BE IT FURTHER RESOLVED that a copy of this Resolution be presented to Mr. Pokorny and be spread in full on the minutes of the proceedings of this meeting.

The motion carried unanimously.

Chief Engineering and Technology Officer Mark Eades delivered a short presentation on recent activities in his department, this month providing an FY 2018-2019 capital budget update. Of the \$12,607,330.00 budgeted, \$7,809,267.76 had been spent from the capital budget through March, 2019, including \$739,000.00 for fleet vehicles and \$6,324,531.18 for normal replacements, with an expenditure of \$4,034,769.00 projected through June, 2019 for individual projects. Mr. Eades stated that the expenditure figure had been impacted by the timing of the closing of the work orders regarding the Midway Substation exit circuits, the results of the Osmose pole inspection work, and the Intellirupter and broadband fiber make-ready work. The Electric Division will be reimbursed by the Broadband Division for the expenditures involving the broadband fiber make-ready work orders.

Stacy Evans, Chief Broadband Officer, delivered an update regarding the broadband project. Following the completion of the Jonesborough fiberoptic build, nine businesses and 15 residences are installed and now online. The first phase of the Johnson City fiberoptic build is about half completed, with the entire build-out estimated to be finished by mid-June. Completion of the build-out in the Johnson City business parks is expected to be accomplished by the end of June. Work continues of the Phase I wireless build, with the Persimmon Ridge build-out almost completed. The design and engineering make-ready assessment has begun for the Johnson City Phase II fiberoptic build.

The BrightRidge Broadband staff is working with Johnson City officials on the Downtown Johnson City wi-fi project, with free public access for visitors and for

special events offered in the Founder's Park, Farmer's Market, East Market Street and West Main Street areas.

NCTC membership has just been approved in committee, and work on the broadband/video/voice aspects of the BrightRidge broadband project continues.

CEO Jeff Dykes announced that there would be a short called Board meeting on May 14th at 3:30 PM, followed by a Capital Budget workshop, to commence at 4:00 PM.

Mr. Dykes advised that budget billing sign-ups will continue to be offered to BrightRidge customers through the end of May.

The CEO informed the Board that residential solar power is now available for customer purchase. The Silicon Ranch/TVA/BrightRidge solar farm ribbon cutting will occur on Tuesday, May 7, 2019 at 2:30 PM at the solar farm site. The 40-acre solar farm consists of 41,760 panels, with expected annual generation capacity of 8,000,000 kilowatt hours of electricity with zero carbon emissions. TVA and BrightRidge will purchase up to 5 MW (dc) of daily energy production for customer purchase.

Mr. Dykes invited Board members to attend a Jonesborough After-Hours ice cream social on Thursday, May 9, 2019 from 4:00 to 6:30 PM at 161 Molly Grayce Lane in Jonesborough, where BrightRidge broadband representatives will be available to discuss high-speed internet, video, and voice services coming to Jonesborough.

The CEO advised the Board that BrightRidge staff had been working with Johnson City officials on several projects the utility could assist with during the city's sesquicentennial celebration.

Ms. Brock commended BrightRidge management and staff for their work on the solar farm project, emphasizing the importance of the utility's commitment to environmental sustainability.

There being no further business, the meeting was adjourned.