



400 West Summit Hill Drive, Knoxville, Tennessee 37902

April 19, 2021

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Dear Sir or Madam:

TENNESSEE VALLEY AUTHORITY (TVA), INITIATION OF CONSULATION, POWER PURCHASE AGREEMENT (PPA), RUSSELLVILLE, LOGAN COUNTY, KENTUCKY (36.765588, -86.975550) (TVA TRACKING NUMBER – CID 79976)

TVA proposes to enter into a 20-year PPA with Silicon Ranch (SR) Russellville LLC (SR Russellville), a subsidiary of Silicon Ranch Corporation (SRC) to purchase the electric power generated by a proposed solar photovoltaic (PV) facility in Logan County, Kentucky. The proposed solar facility would be owned by SRC and operated by SR Russellville and would have an installed capacity of 173 megawatts (MWs). The solar facility would connect to TVA's adjacent existing Springfield-Logan Aluminum 161-kiloVolt Transmission Line. The proposed solar facility would occupy portions of ten individual tracts of land in Logan County, approximately two miles southwest of Russellville, Kentucky, together totaling approximately 1,639 acres (Project Site). The Project Site is within a rural agricultural area. TVA considers

Sir/Madam  
Page 2  
April 19, 2021

the area of potential effects (APE) as the area of proposed ground-disturbance, where physical effects could occur including the silicon PV panels and associated infrastructure including several medium voltage transformers, one or two main power transformers, a substation and battery energy storage system, internal site access roads and all associated cabling and safety equipment. The APE also includes areas within a half-mile radius of the project within which the project would be visible, where visual effects on above-ground resources could occur. In order to obtain maximum flexibility in design to avoid both cultural and environmental resources the archaeological survey area consists of the entire 1,639 acres.

SRC contracted with New South Associates, Inc. to conduct a Phase I Cultural Resources survey. For your review, please find enclosed New South Associates' scope of work (SOW) for the Phase I Cultural Resources survey. Pursuant to 36 CFR § 800.4(b)(1), TVA finds that the SOW presented here represents a reasonable and good faith effort to carry out identification efforts.

By this letter, TVA is initiating consultation regarding the proposed undertaking. TVA is proposing to conduct Phase I Cultural Resources survey of the APE as described in the enclosed SOW.

TVA is consulting with Absentee Shawnee Tribe of Indians of Oklahoma, Cherokee Nation, Eastern Band of Cherokee Indians, Eastern Shawnee Tribe of Oklahoma, Osage Nation, Peoria Tribe of Oklahoma, Shawnee Tribe, and United Keetoowah Band of Cherokee Indians in Oklahoma.

Please respond by May 19, 2021 if possible regarding any comments on the proposed undertaking or the proposed Phase I survey. If you have any questions, please contact me by phone, (865) 253-1265 or by e-mail, [mmshuler@tva.gov](mailto:mmshuler@tva.gov).

Sincerely,



Marianne Shuler  
Senior Specialist, Archaeologist, and Tribal Liaison  
Cultural Compliance

Sir/Madam  
Page 3  
April 19, 2021

MSH:ABM  
Enclosures  
cc (Enclosures):

[Redacted]

[Redacted]

[Redacted]

[Redacted]