**Ownership:**
Site property is owned in fee by TECO Coal’s land company, Pike-Letcher Land

**Alternative Energy Development Suitability:**
Based upon developed criteria and scoring, this site is best suited for the development of a biomass facility or a CTG/CTL facility
*(Criteria and scoring does not necessarily guarantee site success)*

Nuclear: Adequate water supply not readily documented to support a nuclear facility

Wind: Wind speed inadequate to develop a utility scale facility

Solar: 67% - Average annual solar radiation for two-axis flat plates is 5.76 kWh/m²/day

Biomass: 69% - Available biomass in Pike and its surrounding Counties is > 300,000 tonnes per year, which is less than other Counties in the State

CTG/CTL: 69% - Abundance of coal in the area with no wetland or floodplain issues makes this a viable location, but unconfirmed water supply and limited transportation may provide some limitation

**Utilities:**
- Potable Water – Available 1.5-miles west of site, not installed
- Electric – AEP, 138 kVA
- Gas – Equitable and Columbia Gas, 12" line located roughly 6,800’ northeast of the site
- Sewer – Available 1.5-miles west of site, not installed
- Broadband – Not currently available

**Transportation:**
- Rail – Not currently available, abandoned rail spur along site access road, Marshall Branch
- Road – Paved roads, US 23 and State Route 119 (via Marshall Branch Road), and a gravel road through the heart of the site
- Barge – Not available
- Airport Proximity – > 8 miles from the Pike County Airport

**Water Availability:**
- Water Supply – Municipal or sediment ponds (capacity unknown, further investigation required)

**Available Workforce:**
- > 100,000 potential workers within the Webster County labor market area

**Site Considerations:**
- Wetlands – No wetlands identified on site
- Floodplains – Whole property above 100-year floodplain
- Water Resources – Discharge to the Booker Branch and Marshall Branch, which flow to Levisa Fork and the Big Sandy River, both designated impaired streams
- Adequate coal supply and sequestration potential
- Former surface mining operation, and currently associated with an active coal mining operation
- Fair geological assets and low seismic risk

**Environmental Assets:**
- Deep and shallow oil fields under or in the area of the site, deep shale also in the area
- T&E – Coal mine permit resulted in investigation and site has been cleared for impacts to sensitive species
- Cultural Resources – No previously recorded or National Register properties within mile radius of the site
- Class I Visibility – Property located > 123-miles north of Great Smoky Mountain National Park
- Public Access Areas – Not within a 10-mile radius of the site
- Non-Attainment – > 50 miles from Ashland, KY, a non-attainment area
- Environmental assessment may be required prior to development due to former property use
- Site contains active, inactive or abandoned oil/gas wells for potential co-generation