thoroughbred solar

Exhibit 7

Summary of Efforts to Locate with Electric Generating Facilities

EXHIBIT 7 – SUMMARY OF EFFORTS TO LOCATE WITH EXISTING ELECTRIC GENERATING FACILITIES

A summary of the efforts made by the applicant to locate the proposed facility on a site where existing electric generating facilities are located. KRS 278.706(2)(g).

Respondent: Rob Kalbouss

The Project is not co-located with an existing electric generating facility for several reasons. First, Thoroughbred does not have any existing generating facilities operating in Kentucky. Second, utility-scale solar economic feasibility is highly dependent on proximity to existing transmission infrastructure that would not require substantial upgrades to serve the Project.

For this reason, in addition to factors related to community and environmental compatibility, Thoroughbred sought locations for the Project with proximity to existing transmission infrastructure with an assessed high probability for available transmission capacity so as to minimize system upgrade costs required to interconnect. The Project was sited so that it could tap into an existing overhead 69 kilovolt transmission line owned by the East Kentucky Power Cooperative ("EKPC"). Transmission studies ultimately revealed negligible system upgrade costs which validated the transmission thesis which informed site selection.

The location of the Project substation and utility switchyard was determined primarily due to proximity to the transmission line, in a location where the need for a long electric tap line can be avoided. Other factors included avoidance of mapped floodplain and wetlands, avoidance of deep sinkhole areas and consideration of karst issues, and the landowner's willingness to transfer title of the immediate area surrounding substation footprint. Because the utility switchyard will be transferred to EKPC ownership following construction, the Project siting process also considered the ability of EKPC to access its infrastructure while remaining outside of the security fencing associated with the Project.

The Project substation and utility switchyard are located in the southern portion of the Project site, near the intersection of Johns Lane and Maple Grove Lane in Hart County, Kentucky.