



Arrowpoint Solar and Vincent Scire
Lee's Summit Formal Variance Request

Wednesday, October 16, 2019

To whom it may concern,

Arrowpoint Solar in partnership with Vincent Scire formally request two variances (mutually exclusive) that are being requested for the existing solar array located at 1201 NE Todd George Parkway, Lee's Summit.

1. Arrowpoint Solar and Vincent Scire, first and foremost, would like a permanent exception to allow the solar system to stay in its current location on the property (see attached imaging and survey data)
2. If Variance (1) is possible, then Arrowpoint Solar and Vincent Scire would like to request the height of the ground mount be allowed to be raised to twelve feet instead of the current height restriction of eight feet.

Both variances pertain to the Unified Development Ordinance Sec. 6.1450. - Solar collectors—Accessory use. D:

Ground-mounted solar collectors shall not exceed eight feet in total height and shall be located within the rear yard at least 12 feet inside the property line.

The first variance would allow the existing solar system to stay in its current location on the NE corner of the property, within 12 feet of the adjacent property that is also owned by Vincent Scire. Allowing this variance would allow the system to exist at an optimal angle towards the sun and would result in roughly a 5% annual increase in solar production.

The second variance would allow the system to raise above 8 feet in height to 12 feet in total to allow for optimal solar irradiance and solar energy production. This additional height would allow the ground mount to move from a 20 degree tilt to a more Missouri optimized tilt of 30 degrees and would produce roughly 3% more power annually as a result.

These changes will make no significant impact on the structural soundness of the array, nor the electrical and safety guidelines that the system has already been tested for and approved by both the City of Lee's Summit and KCPL but will make a significant positive impact on the payback and energy production of the solar array for Mr. Scire.

If the variances are allowed, this will satisfy both Arrowpoint Solar and Vincent Scire's wishes and will allow the solar system to produce clean and safe power for the next 25 years in an optimal environment.

It is our hope that the Development Services Department will see the value in allowing these variances for the benefit of not only the contractor, Arrowpoint Solar, the owner, Vincent Scire, but also for the community of Lee's Summit who already has a wonderful reputation as a solar friendly city. Regardless of your decision, we thank you for your time, attention, and consideration and we respect your ultimate authority regarding this matter.

Respectfully,

Arrowpoint Solar CEO

Ghawn roberts

Concerned citizen of Lee's Summit community

vincent scire