

CRITERIA

RANK	Site	Cost	Total	Rebate	Total	Roof Age	Total	Visibility	Total	TOU Rate	Total	SCORE
3	Union Station	3	90	3	60	5	75	5	100	1	15	340
8	Stuart Municipal	1	30	5	100	5	75	1	20	1	15	240
7	Johnson Municipal	1	30	5	100	4	60	3	60	1	15	265
1	Salem Lake Marina Office	5	150	3	60	5	75	5	100	1	15	400
8	Fairgrounds Farmers Market and Cattle Barn	3	90	1	20	1	15	5	100	1	15	240
2	Fire Station #3 (proposed by 2023)	5	150	3	60	5	75	5	100	0	0	385
5	Thomas Water Treatment Plant	1	30	5	100	5	75	5	100	0	0	305
5	Elledge Wastewater Treatment Plant	1	30	5	100	5	75	5	100	0	0	305
4	15th St tank/pump station	1	30	5	100	5	75	5	100	1	15	320

Sites below the dotted line are City/County Utility sites that allow for ground-mounted options where roof age is not a factor

CRITERIA	Weight	DESCRIPTION
Installation Cost	30	Estimated total price of the PV system itself; 1 point awarded for the highest cost, 5 for the lowest cost
Rebate Potential	20	Considered as a percentage of the total system price; 1 point awarded for the lowest percentage, 5 for the highest percentage
Roof Age	15	An important factor to consider as any roof upgrades necessary would become more expensive with older roofs; 1 point awarded to roofs older than 10 years and 5 points awarded to roofs newer than 5 years old
Visibility	20	Assuming public visibility is an important factor, this category was also scored on a 1-5 scale with 1 representing lowest public visibility and 5 representing highest public visibility
Time of Use Rate	15	An additional point was awarded to those facilities that are not on Duke's TOU rate, as the TOU rate provides a cheaper rate for facilities that are billed this way. Because the energy use for those facilities that have the TOU rate is already low, the payback would be longer if solar was installed on them. Therefore, the point is awarded to represent a shorter ROI.

SITE DETAILS

SITE	Projected Budgetary Cost	Estimated Rebate	Roof Age	Visibility	TOU Rate
UNION STATION	\$56,000	\$15,000	<5 yrs	Low	No
STUART MUNICIPAL	\$250,000	\$75,000	<5 yrs	Low	No
JOHNSON MUNICIPAL	\$250,000	\$75,000	>5 and <11	Medium	No
SALEM LAKE MARINA OFFICE	\$20,000	\$5,500	<5 yrs	High	No
FAIRGROUNDS FARMERS MARKET AND CATTLE BARN	\$75,000	\$18,750	>11	High	No
FIRE STATION #3	\$20,000	\$5,500	<5 yrs (post-construction)	High	Yes
THOMAS WATER TREATMENT PLANT	\$250,000	\$75,000	N/A	High	Yes
ELLEDGE WASTEWATER TREATMENT PLANT	\$250,000	\$75,000	N/A	High	Yes
15TH ST TANK/PUMP STATION	\$250,000	\$75,000	N/A	High	No