

Park Security Lighting Summary

Park Security Lighting Installations in 2017 & 2018			
Park	Zip Code	City Council District	# of fixtures
Austin Energy Night Watchman Lights			
Cunningham Neighborhood Park	78745	5	3
Georgian Acre Neighborhood Park	78753	4	2
Joslin Neighborhood Park	78745	5	1
Kendra Page Neighborhood Park	78744	2	1
Lower Bull Creek Greenbelt	78731	10	2
Pamerleau Neighborhood Park	78723	1	1
Poncian Neighborhood Park	78744	2	1
Reed Neighborhood Park	78703	10	1
St. Elmo Neighborhood Park	78745	3	2
Total			14
GreenTek Energy Systems			
Emma Long Metropolitan Park	78730	10	2
Garrison District Park	78745	5	3
Joslin Neighborhood Park	78745	5	3
Roy G. Guerrero Metro Park (maintenance area)	78741	3	1
Walnut Creek Metropolitan Park (maintenance area)	78753	7	2
lights remaining from FY17 purchase			2
Total			13
FirstLight Technology Lights			
Bartholomew Disc Golf	78723	4	1
Brownie Neighborhood Park	78753	4	1
Bull Creek District Park	78731	10	1
Circle C Ranch Metro Park	78739	8	5
Commons Ford Metro Park	78746	6	1
Davis/White District Park	78724	1	1
Garrison District Park	78745	5	1
Govalle Neighborhood Park	78721	3	2
Montopolis Practice Fields	78741	3	1
Mount Bonnell at Covert Park	78731	10	3
Onion Creek Soccer Complex	78744	2	4
Parque Zaragoza	78702	3	2
Payton Gin Pocket Park	78758	4	2
Piney Bend Neighborhood Park	78745	5	1
Shoal Beach at Town Lake Metro Park	78701	9	2
Stoney Ridge Neighborhood Park	78617	2	1
Tanglewood Neighborhood Park	78750	6	1
Tom Lasseter Neighborhood Park	78704	5	1
Total			31

Park Security Lighting: 2019 Installations							
Park	Street Address	Zip Code	Council District	12' solar	20' solar	Austin Energy Night Watchman	Contractor Installed 120V
Bull Creek District Park	6701 Lakewood Dr	78731	10		2		
Buttermilk Neighborhood Park	7501 Bethune Ave	78752	4			1	1
Cunningham School Park	6213 Buffalo Pass	78745	5				1
Dove Springs District Park	5801 Ainez Dr	78744	2		3		
Garrison District Park	6001 Manchaca Rd	78745	5	1	1		
Houston School Park	5506 Tallow Tree Dr	78744	2				3
Joslin Neighborhood Park	2106 Cimarron Trail	78745	5	2			
Kendra Page Neighborhood Park	2351 Blue Meadow Dr	78744	2	1	2		
Odom School Park	905 Sahara Ave	78745	2		2		
Pastor Craig (Franklin) Neighborhood Park	4816 Copperbend Blvd	78744	2				3
Pickfair Neighborhood Park	10904 Pickfair Dr	78750	6		2		
Ponciana Neighborhood Park	5201 Freidrich Ln	78744	2		1	1	
St. Elmo School Park	4312 S. 1st St.	78745	3	2		1	
Symphony Square Park	1112 Red River St.	78701	1		1		
Total				6	14	3	8

Lighting Options	
Program / Fixture Name	Description
Night Watchman	Night Watchmen lights are installed on existing Austin Energy light poles with 120V secondary voltage. These are 75 or 100-watt-equivalent, 1,500 – 2,000 lumen LED lights, with an installed-by-AE cost of \$1,750 to \$2,000. AE pays for the electricity. They are activated by a photo-cell, so they can't be programmed with hours of reduced lighting, as can the FirstLight Technology lights.
FirstLight Technology	Canadian-based FirstLight solar-powered lights are high-quality LED lights that are installed on either 12' poles for "pedestrian-scale" or 20' poles for 'street-scale' lighting. The former is 850 to 1,200 lumens and the latter is 2,550 to 2,830 lumens. The installed cost for the 12' pole and light is approximately \$4,420 and for the 20' pole and light it is about \$5,650. These poles and lights need to be installed by a contractor. In 2019, we will be exploring options to lower the installation cost.
GreenTek Energy Systems	GreenTek solar, LED, 2,000 lumen lights are a lower cost option that we can have installed by our maintenance staff on existing poles, but they are much lower quality and shorter life. The model we purchased in 2017 cost about \$315 apiece.
Contractor-Installed	The city of Austin contracts with an electrical contractor to do certain types of work not done by Austin Energy. This includes the installation of 12-volt lighting on poles taller than what Austin Energy's trucks can reach. In some parks, this type of installation is our best option. The costs vary widely, depending upon the labor and materials involved.
Valen Energy	In late 2018, we learned about Austin-based Valen Energy, which manufactures solar-powered lights very similar to FirstLight Technology's. We had one installed at Symphony Square parking lot in 2019 to assess its performance.