



CITY OF
FARMERS BRANCH
TEXAS

Landfill Solar Project Update

City Council | March 19, 2024



Project Background

- March 2022: City Council approved authorization of an option agreement with BQ Energy (now Clean Capital) to lease the former landfill site at 1399 Valley View for solar development
- Project has been ongoing (studies, surveys, design, and permits)
 - Completion of project was estimated by end of 2024
- January 2024: Contractor notified city staff of changes to expected electricity output
- February 2024: Contractor notified city staff of price changes
- March 2024: Contractor notified city staff of intent to terminate agreement

Decreased Output

Farmers Branch - Design Metrics	RFP Original	Current Design	Percent Difference
Size, MW DC	7.25	4.635	36%
Size, MW AC	6.25	3.75	40%
Annual kWh Output	13,632,000	8,670,000	36%



Pricing Update

- Clean Capital stated the proposed electricity rate of \$0.044/kilowatt-hour is no longer feasible
- Alternative prices were a 75% increase from proposed amount and approximately 2 cents higher per kilowatt-hour than current electricity rate
- Reasoning provided by Clean Capital
 - Smaller electrical output due to system being smaller
 - Construction costs
 - 38% increase from original estimate
 - Interconnection costs
 - Increased cost per watt

Other Considerations

- Limited feasible uses for former landfill
 - Extremely high cost for full site remediation
- Continued cost to mow and maintain the property
- City received multiple lease payments during option period from Clean Capital
 - (\$10,000 annually)



Next Steps

- City to take ownership of all non-confidential documents from Clean Capital
- Re-release a request for proposals for landfill solar development
 - Evaluate bids to determine if project can proceed
- Receive quotes for the new electricity contract through traditional method

Questions?

