

# ASES NATIONAL SOLAR TOUR

## The Byrom House: 1025 Lane St., Irving TX

### *2025 Solar Tour Open House*

**Friday Oct 3: 3 - 6 PM**

**Saturday Oct 4: 9 AM – 3 PM (NTREG meeting at 10 AM)**

**Sunday Oct 5: 3 – 6 PM**



**The 1025 Lane Street residence** is a high performance zero energy building combining solar energy, ground source heat pump HVAC, an envelope with a ventilated metal roofing system, a ventilated wall system, a motorized insulated interior shading system, app-controlled LED smart lighting, rainwater collection, and xeriscaping. This building generates 750 kWh more energy than it consumes from the grid every month, allowing the owner to sell power back to the grid.

The residence has a hybrid solar plus storage system providing 14.4 kW DC from Q-Cells solar panels with TIGO optimizers, a Sol-Ark inverter, and a Fortress Energy Lithium Iron Phosphate battery supporting all house loads including a Wallbox electric vehicle charging station. Energy management and data acquisition is fully integrated with real-time granularity.

***1025 Lane St. is located at the northeast corner of MacArthur Blvd and Lane St, across from Baylor Scott & White Hospital, one block south of TX Hwy 183.***

**Plan to attend to learn and see this zero energy building.**

PLEASE RSVP to first link at: <https://tour.byrom.net>

**Contact Bill Byrom at [tour25@byrom.net](mailto:tour25@byrom.net) if you have questions about this event.  
Please observe parking signs and do not park directly in front of the house.**