

**Green Omni Terminal Project Status  
As of August 2018**

- Charging Infrastructure for Electric Equipment
  - Eight charging stations have been installed at their permanent locations and require 3<sup>rd</sup> party field certification to UL standard before the City of Los Angeles will issue the final permit to allow use.
    - 6 TransPower charging units received 3<sup>rd</sup> party certification and Los Angeles Department of Building and Safety approval in August 2018. Chargers will be placed in service at the beginning of September.
    - 2 BYD charging units require modification and will be scheduled for re-inspection in October 2018
  
- 4 Electric Yard Tractors
  - TransPower delivered and commissioned 2 yard tractors in June 2018
  - BYD delivered 2 yard tractors in December 2017. Initial battery charge allowed the tractors to be operated for two 8-hour shifts. The terminal requested modifications to the units (issues with the 5<sup>th</sup> wheel connecting safely to Pasha's trailers) and they were returned to BYD. One yard tractor was returned to Pasha in August 2018, but the modification did not adequately address the safety issue. BYD is scheduled to return a new modification to the terminal by the end of August. When the modified tractor meets the terminal's needs, the second one will be modified and returned to Pasha.
  
- Retrofit of 3 21-Ton Electric Forklifts
  - TransPower is retrofitting the first forklift from diesel to electric and has a delivery date of September 2018.
  - The second and third forklifts are expected later this year.
  
- 2 On-road Drayage Trucks
  - TransPower delivered to Pasha and commissioned 2 on-road trucks in June 2018.
  
- At Berth Ship Emission Control System - ShoreKat Emissions Treatment System
  - Tri-Mer and Clean Air Engineering Maritime delivered the main treatment portion of the ShoreKat crane and capture system in January 2018. It will be assembled and commissioned on a custom trailer to allow for the safe movement of the treatment system on the terminal. The trailer was ordered in May and is expected to arrive in September 2018.
  - Two Carbon Treatment Systems will be demonstrated as part of this system
    - Tri-Mer has selected the first carbon treatment system (non-thermal plasma system) from Global Solutions Technology for the first 6-month demonstration period, which is scheduled to begin in Fall 2018.

- The second treatment system to be tested is expected to be provided by Carbon Clean Solutions (chemical absorption). Testing of that system is scheduled to begin in Spring 2019.
- Integrated 1 Megawatt Solar Photovoltaic and Electrical Infrastructure
  - Warehouse Repair – Structural repairs to the Berth 180-181 warehouse in advance of solar PV system installation are complete as of May 2018.
  - Construction of necessary infrastructure for solar will be completed September 2018.
  - Third-party-certified microgrid controller has been installed.
  - Pasha and Los Angeles Department of Water and Power have fully executed the necessary Interconnection Agreement.
  - Rooftop Solar - Pasha will procure the solar system under a net energy meter model. Pasha will enter into an agreement with PermaCity for the system once a lease agreement has been negotiated with POLA.
- Battery Storage System
  - Battery storage system was delivered in March of 2017 and has been hooked up to temporary power for required cooling of the system.
  - Third-party certification is required for the battery storage systems prior to powering of equipment at the site. Third-party inspection identified a number of nonconformance issues that require BYD to modify the system or seek waiver from conformance.