

Project Navigator, Ltd. Has Been Assembling a Portfolio of Environmentally Impacted Sites (esp. Closed Landfills) on Which to Develop MW-Scale PV Solar Power Installations.

Chiquita Canyon Landfill, Castaic, CA

- A Waste Connections Landfill
- Closed cells acreage enough for 5MW
- Established recognition and a working relationship with key WC staff
- Early LOI docs submitted

MP Materials, Mountain Pass, CA

- Rare earth mine operating with private equity backing
- PNL has submitted a concept proposal (9/18) to install up to a 10MW installation on a closed tailings pile

Chevron Corp Site, Berkeley Heights, NJ

- Negotiating an LOI, leading to land lease at closed waste landfill site, solely owned by Chevron Corp
- Concept design for 1MW with power offtake to Berkeley Heights adjacent WWTP



Scholl Canyon Landfill, Glendale, CA

- PNL has responded to a Glendale Water & Power RFP for City wide renewable power
- Submitted a Proposal (8/18) to develop a 1MW PV installation on the City's Scholl Canyon Landfill

Kaiser Steel Tar Pits Landfill, Ontario, CA

- Site control established via LOI/lease option
- Approx 1 MW Project
- Seeking power offtake/bid in point (CPA, So Cal Public Power Authority (SCPPA))

Other Notables

- Working with Entact regarding a FS for a PV project on closed landfill cells at a PPG facility in OH
- JIS CERCLA site, NJ: in discussions with PRP Group regarding a site "exit strategy", a component of which would be PNL's exclusive right to build a 4MW PV facility
- Somerdale Road Landfill, NJ: PNL developed, owned then sold a 3MW PV installation to Marina Energy of South Jersey Industries (2017)
- Expecting to start a 130 site review regarding solar applicability for Glenn Springs Holdings, the legacy site holding company for Oxy Petroleum (10/18)
- PNL is assessing smaller acreage, LA basin, brownfield sites for solar + storage. Consistent with power distribution moving to a micro-grid model.

Operating Industries, Inc. Landfill, Monterey Park, CA

- Location of a PNL conceived and operated "solar on landfill" pilot test. Funded by Cal Energy Commission
- Currently negotiating with PRPs to seek site control for a 3MW PV installation

BKK Landfill, West Covina, CA

- PNL is remedial PM for 80 member PRP Group
- Just starting: PNL to present at BKK PRP Group remedy strategy session in late Oct, 2018
- Power offtake route uncertain

Orange County Solid Waste & Recycling

- PNL is discussions with OCSW to perform PV feasibility assessments at up to three of their closed landfill sites

Milliken Landfill, Ontario, CA

- Owner/consultant/stakeholder in the conceptualization, design, permitting, PPA award and development of this sole, to date, solar on landfill project in LA basin
- Developed a 3.1MW, 14 acre installation
- Power sales to SCE under a 25 year PPA



View video of construction