



Task Order Process

- ✓ **MDOT SELECTS SITE(S) AND RELEASES TASK ORDER RFP TO MASTER CONTRACTORS**
- ✓ **MASTER CONTRACTORS ANALYZE SITES AND SUBMIT PROPOSAL**
- ✓ **MDOT AWARDS TO MASTER CONTRACTOR WITH MOST ADVANTAGEOUS PROPOSAL**
- ✓ **MASTER CONTRACTOR FINANCES, DEVELOPS, DESIGNS, CONSTRUCTS, COMMISSIONS, OPERATES, MAINTAINS AND DECOMMISSIONS**
- ✓ **MDOT PROVIDES THE LAND AND PURCHASES SOLAR POWER, OR COMMUNITY BUYS POWER**

Benefits

DEVELOPER

Receives all tax incentives (ITC & MACRS)

Long-term agreement with MDOT to buy energy produced

MDOT

Zero upfront capital cost

Full utilization of Federal tax incentives (ITC & MACRS)

Favorable fixed electricity rate

License revenue (Community Solar, EV chargers)

Solar Renewable Energy Credits (SRECs)





Task Orders Underway

- ☀️ **6 MDOT MTA LIGHT RAIL PARK & RIDES**
 - ☀️ 5 MW, 6,835 MWH/YR, 4,833 MT CO₂E/YR
- ☀️ **2 MDTA PARK & RIDES**
 - ☀️ 1.5 MW, 2,050 MWH/YR, 1,450 MT CO₂E/YR
- ☀️ **13 ADDITIONAL MDOT MTA PARK & RIDES READY**
 - ☀️ 14 MW, 19,137 MWH/YR, 13,533 MT CO₂E/YR

Sites Under Review

 AIRPORT

 PORT

 TRANSIT-ORIENTED
DEVELOPMENT

 NOISE BARRIERS

 UNIMPROVED LAND



Timeline

APRIL 2016

Secretary authorized evaluation

JULY 2016

Request for Information released

OCTOBER 2016

Secretary approved project

*No upfront capital

*No impact to operations

DECEMBER 2016

Governor's Office approved project

JUNE 2017

Request for Proposal released

AUGUST 2017

Proposals received

FEBRUARY 2018

Master Contract awarded





COMPETING USE OF PROPERTY

STRUCTURAL INTEGRITY OF EXISTING INFRASTRUCTURE

SAFETY & SECURITY

UTILITIES

SIGNAGE

OPERATION & MAINTENANCE

CHESAPEAKE BAY WATER QUALITY TREATMENT

INTERCONNECTION

Challenges



Lessons Learned (so far)

- ☀ EXISTING LEASES & BONDS
- ☀ SUPPORT FROM OTHER STATE AGENCIES
- ☀ OUTREACH TO OTHER STATE DOTs
- ☀ STATE-WIDE BULK ENERGY PROCUREMENT
- ☀ LEGAL SUPPORT - PROCUREMENT, ENERGY, REAL ESTATE
- ☀ MULTI-DISCIPLINE TEAM
- ☀ TECHNICAL EXPERTISE
- ☀ EXISTING INTERNAL APPROVAL PROCESSES
- ☀ SEPARATE ELECTRIC VEHICLE CHARGING

Contact

Eddie Lukemire
Program Manager
elukemire@mdot.maryland.gov
410.865.2770

