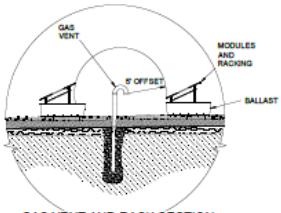
Plans for solar on Falmouth landfill

Enough power for approx. 175 homes

SYSTEM SUMMARY		
DESCRIPTION	VALUE	UNITS
DC CAPACITY	880,840	WATTS
AC CAPACITY	630,000	WATTS
DC/AC RATIO	1.40	-
ESTIMATED 1ST YEAR ENERGY PRODUCTION	1,125,000	kWH
INVERTER	630,000	WATTS
MODULE POWER RATING	305	WATTS
TOTAL NUMBER OF MODULES	2,888	EACH
MODULE STRING LENGTH	19	EACH
TOTAL AVAILABLE ACRES	4.0	ACRES
RACK TYPE	FIXED TILT	-
BALLAST	ABOVE GROUND CONCRETE	
RACK ANGLE	25	DEGREES
RACK PITCH (TOE TO TOE)	13.5	FEET

NOTES:
1. POINT OF INTERCONNECT (POI) AND INVERTER/TRANSFORMER LOCATION MAY CHANGE DURING DETAILED DESIGN.
2. RACK TILT AND PITCH TO BE OPTIMIZED DURING DETAILED DESIGN.
3. 8' CHAIN LINK FENCE IS 7' HIGH WITH ADDITIONAL 1' OF 3 STRANDS OF BARBED WIRE.



GAS VENT AND RACK SECTION

Solar on capped landfill in Greenfield, MA