

MEMORANDUM

TO: Charles Kovacic
 FROM: Jason Gold, P.E.
 SUBJECT: Hopkinton, RI Land Cover
 COPY TO: Steven Surdut

DATE: July 23, 2020
 ESS PROJECT NO.: C642-000

Below are two tables detailing the approximate acreage of land cover types in Hopkinton, RI. Table 1 lists the status of the solar projects within the town and the acreage for each. Table 2 lists the different land cover types, in decreasing acreage. Out of the total 28,246 acres of Hopkinton, RI, proposed and approved solar projects cover approximately 547 acres (approximately 1.9% of the town). Of this total, the proposed Cherenzia Solar concept comprises only 6.8± acres (0.02%). For comparison, there are over 21,000± acres (77%) of forest and 2,500± acres (8.9%) of residential land use within the town.

Table 1: Solar Project Status and Area (2020)

Status	Acres
Approved	239
Proposed	308
Total	547

Table 2: Land Cover and Acreage (2011)

Land Cover Description	Acreage	Percentage
Forest	21,737	77.0
Residential	2,520	8.9
Water	921	3.3
Cropland	856	3.0
Pasture	561	2.0
Other	369	1.3
Developed Recreation	281	0.99
Brushland	208	0.74
Wetland	199	0.70
Mines, Quarries, and Gravel Pits	190	0.67
Commercial/Industrial	183	0.65
Roads (divided highways)	130	0.46
Urban Open Areas	92	0.33

Sources:

1. Solar projects in Hopkinton, RI. Prepared by Emily Shumchenia. Updated June 2020. Accessed July 21, 2020.
2. Town of Hopkinton, RI, Town Parcels.
3. RIGIS, Land Use and Land Cover, 2011.

