



Town of Williamsport
Calculation of Maximum Generator Rated Capacity

EXAMPLE - FOR ILLUSTRATION ONLY

1 **From Rider NEM:**

2 "Eligible Customer-Generator electric generating facilities rated capacity shall not exceed two
3 hundred percent (200%) of the Eligible Customer-Generator's Baseline Annual Usage."
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6 Baseline Annual Usage (KWH)	17,800
7 Resulting Annual AC Energy Production at 200% BAU (KWH)	35,600

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10 **Maximum Generator Rated Capacity**

11 Based on National Renewable Energy Laboratory "PVWatts" ¹
12 http://mapserve3.nrel.gov/PVWatts_Viewer/index.html

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14 Equivalent DC System Design Capacity (KW)	29.2
15 Equivalent AC System Design Capacity (KW)	22.5

1 Results from PVWatts V.2. Location for the PVWatts is Williamsport, Maryland. All rating information for the generating facility used the default entries.