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## Solar Photovoltaic Estimate

Annual Solar Production Pay Back Sheet  
Eversource Customer

Job Name: \_\_\_\_\_

Date: 5/18/2017

Description:	<u>OPTION #1</u>	<u>OPTION#2</u>
KW	<b>12.6 KW</b>	<b>13.44 KW</b>
Panel MFG & Size	(42) Solar World 300 watt Panels	(42) LG 320 watt Panels
Inverter MFG & Size	11.4 KW Solar Edge Inverter	11.4 KW Solar edge
	(42) Solar Edge Optimizers	(42) optimizers
Mounting Type	<b>Roof Mount Array</b>	<b>Roof Mount Array</b>
<b>Total Cost</b>	\$30,250	\$32,900
<b>Federal Tax Credit</b>	- <b>(\$9,075)</b>	- <b>(\$9,870)</b>
<b>State Rebate</b>	- <b>(\$2,500)</b>	- <b>(\$2,500)</b>
<b>Net Cost</b>	<b>\$18,675</b>	<b>\$20,530</b>
Production including shading	15000 KWH	16,000 KWH
shading (Sun)	X <u>0.9</u> %	X <u>0.9</u> %
Net Production	13500 KWH	14400 KWH
Rate of Eversource KWH	X \$0.188 Cost of Power	X \$0.188 Cost of Power
Total Savings/Year	<b>\$2,538</b>	<b>\$2,707</b>
Earnings From REC Meter \$	\$408	\$439
Total Savings/Earnings \$	\$2,946	\$3,146
<b>Years Payback</b>	<b>6.3 Years</b>	<b>6.5 Years</b>
<b>Return on Investment</b>	<b>15.8 %</b>	<b>15.3 %</b>

There are many interpretations on how to apply the tax credits, please consult your tax adviser.

*The Rebates are taxable. Does not include any Power Company charges if larger transformer is needed.*  
 Rebates and Incentives are subject to change.

Does not include any blasting for ledge  
 REC's (Renewable energy Credits) is Political and subject to change

**Does not include cost of any tree removal.**