

## • Background

- Ongoing work
- Observations

ConEdison





## **Project Background**

In New York City, backup generators are estimated by NYSERDA to comprise ~2GW (almost 20%) of the annual coincident peak demand;

But only about 1% (~140 MW) currently participate in demand response programs.

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We seek increased availability and use of distributed energy resources (DR + DG) in discrete network areas for providing power or reducing demand during peak periods and adverse system conditions.

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Exemplar Payback					
<ul> <li>Most locations have a very short payback period for installation of remote control equipment</li> </ul>					
Building	ICAP/DLRP Revenue (\$/yr)	AS Revenue (\$/yr)	Instrumention Cost	<u>NPV (\$) IRR</u>	Payback (Months)
7	\$73,952.40	\$43,581.46	\$35,500.00	1072679 2.84934	4.241273856
9	\$160,020.00	\$155,067.00	\$55,000.00	2933283 5.19232	2.320043092
10	\$100,779.00	\$89,911.00	\$16,000.00	1785973 8.74428	1.375472363
11	\$130,318.00	\$133,832.00	\$13,760.00	2483178 19.0958	0.629068512
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