

CARIS Production Cost Methodologies

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Topics

- ◆ **Generic Solutions Results**
 - *Presentation of Three Different Production Cost Savings Methodologies:*
 - *2011 Incremental Cost Methodology*
 - *2009 Methodology*
 - *Total System Production Cost Savings Methodology*

CE-NS-PV

Transmission Solution (\$M)

Year	2009 Method	2011 Method	System
2011	26.2	47.2	46.3
2012	23.8	43.7	43.2
2013	23.7	43.4	39.6
2014	21.6	42.9	40.6
2015	25.4	45.3	39.7
2016	25.7	46.8	42.7
2017	24.0	50.6	41.7
2018	28.3	53.3	48.7
2019	31.4	61.8	57.8
2020	32.0	65.9	59.2

NS - PV

Transmission Solution (\$M)

Year	2009 Method	2011 Method	System
2011	16.0	28.3	32.5
2012	15.9	25.8	29.2
2013	15.9	25.0	25.9
2014	17.5	25.2	27.8
2015	20.3	27.1	28.1
2016	22.1	28.1	28.7
2017	22.3	29.8	27.2
2018	22.0	30.8	33.1
2019	26.8	37.4	39.9
2020	26.9	40.3	46.4

LEEDS-PV

Transmission Solution (\$M)

Year	2009 Method	2011 Method	System
2011	14.7	22.1	25.1
2012	11.6	17.5	19.8
2013	14.0	17.7	19.1
2014	15.6	18.9	21.3
2015	17.0	21.1	22.4
2016	18.9	21.0	22.0
2017	17.9	23.0	24.1
2018	20.9	22.4	26.7
2019	24.0	27.9	33.2
2020	24.8	29.6	34.7

Pleasant Valley 1000 MW Generation Solution (\$M)

Year	2009 Method	2011 Method	System
2011	28.0	27.2	30.5
2012	34.7	36.0	38.3
2013	35.5	34.9	35.5
2014	43.9	39.0	36.2
2015	48.1	43.1	39.3
2016	59.1	54.2	51.0
2017	62.7	57.0	50.0
2018	62.2	59.3	57.1
2019	68.4	66.0	65.5
2020	75.8	72.4	68.9

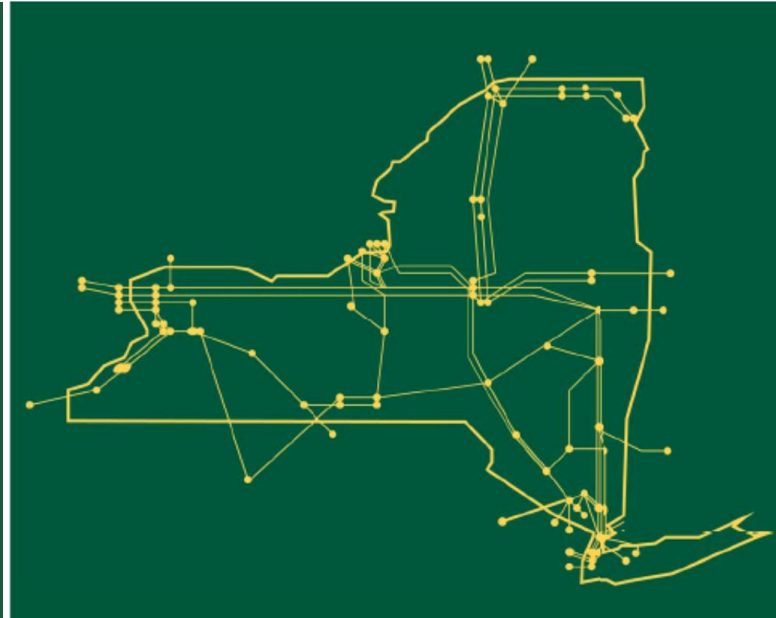
Zones F&G Demand Response Solution (\$M)

Year	2009 Method	2011 Method	System
2011	50.4	48.6	49.2
2012	54.2	52.9	53.2
2013	55.4	52.3	51.5
2014	58.3	55.9	55.1
2015	62.4	59.2	56.5
2016	65.6	61.9	61.0
2017	69.4	64.5	62.2
2018	68.6	65.4	67.5
2019	73.4	69.5	69.5
2020	75.8	73.6	70.5

Zones G&I Demand Response Solution (\$M)

Year	2009 Method	2011 Method	System
2011	49.3	48.6	49.2
2012	53.4	52.9	53.2
2013	52.8	52.3	51.5
2014	57.2	55.9	55.1
2015	58.9	59.2	56.5
2016	64.5	61.9	61.0
2017	65.7	64.5	62.2
2018	66.9	65.4	67.5
2019	70.4	69.5	69.5
2020	75.2	73.6	70.5

The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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