

## Supply Cost Report

### Economically Optimal Portfolio

		2016	2017	2018	2019	2020	2021	2022
<b>FIXEDCOST \$M</b>	<b>Total</b>	311.5	311.8	312.7	313.7	314.7	315.7	316.7
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	99.4	101.2	104.8	110.5	114.5	120.2	155.9
	<b>P5</b>	91.3	94.7	96.3	100.7	101.6	106.7	127.3
	<b>P95</b>	106.6	111.0	114.5	122.2	129.3	139.1	188.0
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	6.8	10.9	13.7	14.5	15.1	15.7	29.0
	<b>P5</b>	5.0	8.0	10.4	11.4	12.2	12.5	19.5
	<b>P95</b>	8.3	13.4	17.4	18.2	18.2	19.5	40.5
<b>MARKETSALES \$M</b>	<b>MEAN</b>	18.2	14.8	14.5	16.3	18.3	19.0	23.9
	<b>P5</b>	10.4	9.2	8.8	9.5	9.7	9.6	12.8
	<b>P95</b>	27.1	22.8	22.0	25.9	30.1	32.6	39.7
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	261.6	281.6	298.5	314.1	329.8	345.1	468.2
	<b>P5</b>	223.1	242.2	246.9	261.4	260.8	274.3	357.0
	<b>P95</b>	299.2	339.9	358.8	375.7	404.4	437.1	581.6

### Current Portfolio plus Market

		2016	2017	2018	2019	2020	2021	2022
<b>FIXEDCOST \$M</b>	<b>Total</b>	265.2	264.5	264.5	264.5	264.5	264.5	264.5
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	99.4	101.2	104.8	107.9	111.4	115.7	148.2
	<b>P5</b>	91.6	94.3	96.4	99.4	100.9	105.0	123.5
	<b>P95</b>	106.9	111.1	114.7	117.4	123.6	130.1	174.2
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	6.8	10.9	13.8	16.0	16.7	18.3	33.7
	<b>P5</b>	5.3	8.0	10.7	12.3	13.3	14.0	21.9
	<b>P95</b>	8.3	13.4	17.6	20.5	21.1	23.8	47.0
<b>MARKETSALES \$M</b>	<b>MEAN</b>	18.2	14.8	14.6	14.3	15.9	15.8	19.0
	<b>P5</b>	10.5	9.3	8.9	8.4	9.0	8.7	10.8
	<b>P95</b>	26.7	22.8	22.3	22.1	24.9	26.1	30.5
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	261.6	281.6	298.5	311.4	326.7	340.7	460.5
	<b>P5</b>	222.5	242.0	247.1	260.2	260.2	272.7	354.3
	<b>P95</b>	299.9	340.0	358.9	370.3	398.6	428.0	567.4

### Frame CT

		2016	2017	2018	2019	2020	2021	2022
<b>FIXEDCOST \$M</b>	<b>Total</b>	310.6	310.8	311.7	312.6	313.6	314.6	315.6
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	99.4	101.2	104.8	109.1	113.2	117.6	149.8
	<b>P5</b>	91.5	94.7	96.3	99.8	100.8	106.1	124.5
	<b>P95</b>	106.7	110.6	114.4	120.1	127.1	134.8	177.9
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	6.8	10.9	13.7	15.3	15.9	16.7	31.5
	<b>P5</b>	5.0	8.0	10.5	12.2	12.7	13.3	20.5
	<b>P95</b>	8.3	13.5	17.2	19.6	19.4	20.6	44.0
	<b>MEAN</b>	18.2	14.8	14.5	15.1	17.1	17.7	21.1

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MARKETSALES \$M	P5	10.5	9.3	8.9	8.5	9.4	9.3	11.8
	P95	26.6	22.0	22.0	24.0	28.1	30.9	34.4
TOTALCOSTS \$M	MEAN	261.6	281.6	298.5	312.6	328.4	342.5	462.2
	P5	223.0	242.2	247.0	261.0	260.1	274.1	354.4
	P95	299.3	339.1	359.0	372.8	402.0	432.5	570.6

### High Load

		2016	2017	2018	2019	2020	2021	2022
FIXEDCOST \$M	Total	318.4	318.8	319.9	321.0	322.1	323.3	324.5
GENERATIONCOSTS \$M	MEAN	99.4	101.2	104.8	111.5	115.6	121.3	157.8
	P5	91.4	94.5	96.4	100.9	102.0	107.5	128.6
	P95	106.8	110.7	114.6	123.6	130.8	141.4	190.9
MARKETPURCHASES \$M	MEAN	6.8	11.1	14.2	14.7	15.5	16.4	30.3
	P5	5.3	8.2	10.9	11.9	12.8	13.3	20.6
	P95	8.7	13.6	18.1	17.9	18.9	20.1	41.3
MARKETSALES \$M	MEAN	18.2	14.7	14.4	16.8	18.8	19.3	24.4
	P5	10.4	9.3	8.8	9.7	9.9	10.0	13.4
	P95	27.1	22.4	21.4	27.4	30.9	32.4	40.0
TOTALCOSTS \$M	MEAN	261.6	281.9	299.1	315.9	332.2	348.0	473.2
	P5	222.9	242.5	247.5	262.4	262.1	276.5	359.5
	P95	299.8	339.8	359.5	378.4	407.6	441.5	588.3

### Low Load

		2016	2017	2018	2019	2020	2021	2022
FIXEDCOST \$M	Total	308.1	308.3	309.1	310.0	310.9	311.9	312.9
GENERATIONCOSTS \$M	MEAN	99.4	101.2	104.8	109.6	114.5	119.1	153.9
	P5	91.3	94.7	96.3	100.2	101.6	106.2	126.3
	P95	106.6	111.0	114.5	120.7	129.3	136.9	184.9
MARKETPURCHASES \$M	MEAN	6.8	10.7	13.3	14.3	14.1	15.0	27.8
	P5	5.0	7.9	10.1	11.1	11.4	11.8	18.4
	P95	8.3	13.2	16.9	18.1	16.9	19.0	39.4
MARKETSALES \$M	MEAN	18.2	14.9	14.6	15.9	18.7	18.6	23.3
	P5	10.4	9.3	8.9	9.3	9.9	9.5	12.4
	P95	27.1	22.9	22.3	25.0	31.0	31.9	38.6
TOTALCOSTS \$M	MEAN	261.6	281.3	298.0	312.3	328.5	342.3	463.3
	P5	223.1	242.0	246.5	260.3	259.9	272.8	354.3
	P95	299.2	339.6	358.0	373.0	402.5	432.4	574.2

### High Carbon

		2016	2017	2018	2019	2020	2021	2022
FIXEDCOST \$M	Total	311.5	311.8	312.7	313.7	314.7	315.7	316.7

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GENERATIONCOSTS \$M	MEAN	99.4	101.2	104.8	110.5	114.5	120.2	176.3
	P5	91.3	94.7	96.3	100.7	101.6	106.7	146.3
	P95	106.6	111.0	114.5	122.2	129.3	139.1	204.0
MARKETPURCHASES \$M	MEAN	6.8	10.9	13.7	14.5	15.1	15.7	38.9
	P5	5.0	8.0	10.4	11.4	12.2	12.5	29.4
	P95	8.3	13.4	17.4	18.2	18.2	19.5	49.0
MARKETSALES \$M	MEAN	18.2	14.8	14.5	16.3	18.3	19.0	26.6
	P5	10.4	9.2	8.8	9.5	9.7	9.6	13.7
	P95	27.1	22.8	22.0	25.9	30.1	32.6	43.3
TOTALCOSTS \$M	MEAN	261.6	281.6	298.5	314.1	329.8	345.1	543.1
	P5	223.1	242.2	246.9	261.4	260.8	274.3	452.8
	P95	299.2	339.9	358.8	375.7	404.4	437.1	637.1

### Low Carbon

		2016	2017	2018	2019	2020	2021	2022
FIXEDCOST \$M	Total	311.5	311.8	312.7	313.7	314.7	315.7	316.7
GENERATIONCOSTS \$M	MEAN	99.4	101.2	104.8	110.5	114.5	120.2	120.5
	P5	91.3	94.7	96.3	100.7	101.6	106.7	108.0
	P95	106.6	111.0	114.5	122.2	129.3	139.1	136.1
MARKETPURCHASES \$M	MEAN	6.8	10.9	13.7	14.5	15.1	15.7	17.5
	P5	5.0	8.0	10.4	11.4	12.2	12.5	13.9
	P95	8.3	13.4	17.4	18.2	18.2	19.5	21.6
MARKETSALES \$M	MEAN	18.2	14.8	14.5	16.3	18.3	19.0	18.6
	P5	10.4	9.2	8.8	9.5	9.7	9.6	10.2
	P95	27.1	22.8	22.0	25.9	30.1	32.6	30.5
TOTALCOSTS \$M	MEAN	261.6	281.6	298.5	314.1	329.8	345.1	354.2
	P5	223.1	242.2	246.9	261.4	260.8	274.3	282.1
	P95	299.2	339.9	358.8	375.7	404.4	437.1	435.5

### High Gas

		2016	2017	2018	2019	2020	2021	2022
FIXEDCOST \$M	Total	311.5	311.8	312.7	313.7	314.7	315.7	316.7
GENERATIONCOSTS \$M	MEAN	105.2	106.5	110.1	117.1	121.4	127.8	167.6
	P5	96.2	99.2	100.3	105.6	105.8	111.7	135.3
	P95	113.2	117.5	121.1	131.0	139.0	150.6	203.5
MARKETPURCHASES \$M	MEAN	7.0	11.9	15.3	16.0	16.7	17.2	28.9
	P5	5.2	8.7	11.2	12.2	13.4	13.6	20.1
	P95	8.9	15.1	19.5	20.1	20.3	21.7	38.6
MARKETSALES \$M	MEAN	24.7	19.9	19.3	22.0	24.3	25.7	31.8
	P5	15.0	13.0	12.1	13.3	13.2	13.4	18.0
	P95	35.6	29.9	28.6	34.3	39.5	43.3	51.7

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<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	294.7	317.8	337.3	356.3	374.6	392.6	521.9
	<b>P5</b>	248.5	270.7	275.4	292.8	290.7	307.3	395.4
	<b>P95</b>	339.8	387.6	410.1	431.0	464.9	504.2	651.3

### Triple Wind and Solar

		2016	2017	2018	2019	2020	2021	2022
<b>FIXEDCOST \$M</b>	<b>Total</b>	311.5	311.8	312.7	313.7	314.7	315.7	316.7
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	99.4	101.2	109.1	117.1	127.7	138.6	184.8
	<b>P5</b>	91.6	94.3	98.9	104.8	108.8	116.8	143.9
	<b>P95</b>	106.9	111.1	121.4	131.5	150.8	171.0	227.6
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	6.8	10.9	10.1	8.9	6.9	5.7	9.6
	<b>P5</b>	5.3	8.0	7.7	6.6	5.4	3.8	5.3
	<b>P95</b>	8.3	13.4	13.2	11.0	8.7	7.5	15.9
<b>MARKETSALES \$M</b>	<b>MEAN</b>	12.9	9.8	11.8	15.2	20.8	25.2	37.8
	<b>P5</b>	7.5	5.9	7.1	9.0	10.7	13.5	20.7
	<b>P95</b>	19.1	15.3	18.6	24.9	34.0	45.0	58.2
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	261.6	281.6	303.3	321.7	344.6	365.7	499.9
	<b>P5</b>	222.5	242.0	250.1	266.6	269.7	286.4	376.5
	<b>P95</b>	299.9	340.0	366.2	385.2	426.5	471.0	623.6

### Double Wind and Solar

		2016	2017	2018	2019	2020	2021	2022
<b>FIXEDCOST \$M</b>	<b>Total</b>	318.4	318.8	319.9	321.0	322.1	323.3	324.5
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	99.4	101.2	109.1	112.5	122.3	127.2	170.1
	<b>P5</b>	91.8	94.4	98.7	102.2	105.7	111.2	136.4
	<b>P95</b>	106.8	110.9	120.6	124.5	141.2	150.3	205.9
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	6.8	10.9	10.1	11.8	9.1	9.7	15.2
	<b>P5</b>	5.3	8.3	8.0	9.0	7.0	7.2	8.8
	<b>P95</b>	8.4	13.3	13.0	14.7	11.3	11.9	23.2
<b>MARKETSALES \$M</b>	<b>MEAN</b>	12.9	9.8	11.7	11.6	17.0	17.5	27.5
	<b>P5</b>	7.3	5.8	7.0	6.7	8.6	9.0	14.7
	<b>P95</b>	19.3	14.9	18.1	19.2	28.5	32.2	43.9
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	261.6	281.6	303.3	316.6	338.6	353.2	484.1
	<b>P5</b>	223.1	242.3	249.7	263.5	265.9	280.1	367.9
	<b>P95</b>	299.6	339.8	366.0	377.7	417.2	449.1	601.3

### RPS Compliance

		2016	2017	2018	2019	2020	2021	2022
<b>FIXEDCOST \$M</b>	<b>Total</b>	311.5	311.8	312.7	313.7	314.7	315.7	316.7
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	99.4	101.2	104.8	110.5	114.5	120.2	155.9
	<b>P5</b>	91.3	94.7	96.3	100.7	101.6	106.7	127.3
	<b>P95</b>	106.6	111.0	114.5	122.2	129.3	139.1	188.0
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	6.8	10.0	12.7	13.4	13.9	14.5	27.0
	<b>P5</b>	5.0	7.4	9.5	10.4	11.2	11.4	17.9

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	<b>P95</b>	8.3	12.3	16.1	16.7	16.8	18.1	37.9
<b>MARKETSALES \$M</b>	<b>MEAN</b>	12.9	10.9	9.5	10.6	11.7	12.4	15.8
	<b>P5</b>	7.3	6.5	5.7	6.2	6.1	6.1	8.3
	<b>P95</b>	19.4	16.9	14.5	17.2	20.1	22.0	26.5
	<b>MEAN</b>	261.6	301.2	325.9	334.1	350.3	366.0	489.5
<b>TOTALCOSTS \$M</b>	<b>P5</b>	223.1	261.8	274.3	281.5	281.2	295.2	378.3
	<b>P95</b>	299.2	359.5	386.2	395.7	424.8	458.0	602.8

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### Economically Optimal Portfolio

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	317.8	318.9	320.0	321.1	322.3	323.5	324.7
GENERATIONCOSTS \$M	MEAN	161.8	158.0	203.8	213.6	223.5	242.0	203.4
	P5	134.9	125.1	157.2	160.2	163.7	181.0	123.4
	P95	196.2	194.3	254.4	268.3	271.9	312.5	286.9
MARKETPURCHASES \$M	MEAN	30.5	34.6	18.3	19.5	26.5	28.4	36.8
	P5	21.4	23.0	11.7	12.7	18.3	20.7	24.5
	P95	42.7	49.1	26.2	27.6	37.1	39.7	49.9
MARKETSALES \$M	MEAN	25.2	25.4	80.2	81.9	69.0	83.0	72.3
	P5	15.4	15.1	48.0	51.2	37.8	48.3	32.0
	P95	37.9	40.8	119.4	123.1	102.3	127.4	126.0
TOTALCOSTS \$M	MEAN	487.6	498.3	560.3	588.3	597.2	634.2	615.8
	P5	385.0	391.5	426.6	442.1	436.8	480.2	411.7
	P95	608.6	618.2	693.0	738.3	730.8	805.3	819.7

### Current Portfolio plus Market

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	264.5	264.5	264.6	264.6	264.6	264.6	264.7
GENERATIONCOSTS \$M	MEAN	153.6	146.8	133.7	140.1	146.6	146.8	99.0
	P5	130.7	119.0	108.1	112.6	114.1	116.0	61.1
	P95	181.2	176.4	162.5	171.2	176.0	178.7	137.8
MARKETPURCHASES \$M	MEAN	35.7	42.2	52.2	56.5	75.1	84.7	113.3
	P5	24.4	28.9	35.8	37.6	54.8	63.0	78.8
	P95	48.4	59.7	71.4	73.6	98.5	107.1	147.4
MARKETSALES \$M	MEAN	20.1	19.2	14.6	14.3	7.7	6.5	3.1
	P5	12.9	12.1	8.5	7.1	3.7	3.2	1.0
	P95	29.9	29.8	23.3	23.5	14.0	12.0	6.2
TOTALCOSTS \$M	MEAN	479.3	487.1	490.2	514.7	520.3	539.1	511.4
	P5	380.7	385.2	380.2	395.8	387.6	415.8	348.8
	P95	591.4	599.5	601.0	640.0	632.6	671.0	673.2

### Frame CT

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	316.7	317.7	318.8	319.9	321.1	322.2	323.4
GENERATIONCOSTS \$M	MEAN	155.4	151.2	196.4	205.8	215.0	233.1	193.8
	P5	131.8	121.1	152.3	157.4	160.5	176.1	120.4
	P95	186.7	185.8	241.0	256.0	260.7	299.5	273.1
MARKETPURCHASES \$M	MEAN	33.2	37.5	19.0	20.4	27.7	29.3	38.0
	P5	23.1	24.9	12.2	13.1	19.1	20.5	25.2
	P95	46.8	53.2	27.4	28.1	39.9	41.2	52.0
	MEAN	22.3	22.5	74.6	76.2	62.7	76.4	65.3

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MARKETSALES \$M	P5	14.0	13.0	44.9	47.9	35.5	43.6	29.2
	P95	34.2	36.9	111.7	115.8	90.5	120.5	115.2
TOTALCOSTS \$M	MEAN	481.1	491.5	552.9	580.5	588.7	625.3	606.2
	P5	382.3	387.6	421.2	439.5	433.7	476.1	408.1
	P95	598.2	609.0	679.4	726.1	719.2	794.2	805.1

High Load

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	325.7	326.9	328.2	329.5	330.8	332.2	333.6
GENERATIONCOSTS \$M	MEAN	166.0	160.1	208.3	218.3	228.6	241.2	202.8
	P5	138.3	124.7	158.8	161.8	167.3	179.9	124.3
	P95	203.5	197.1	262.8	278.4	280.7	309.7	288.0
MARKETPURCHASES \$M	MEAN	31.2	36.8	19.9	21.9	29.8	33.5	43.9
	P5	21.3	25.4	13.4	14.2	21.6	23.8	29.4
	P95	42.3	52.2	28.5	30.7	41.2	46.4	58.0
MARKETSALES \$M	MEAN	27.2	25.7	80.8	81.4	67.4	73.3	61.7
	P5	16.9	15.4	48.0	49.7	37.0	41.8	27.4
	P95	41.8	42.2	121.1	123.1	98.1	113.2	109.4
TOTALCOSTS \$M	MEAN	495.4	504.9	571.2	601.7	613.5	647.3	632.0
	P5	391.0	395.9	433.2	449.8	448.5	490.3	422.7
	P95	619.9	626.8	709.7	760.2	753.6	819.6	843.7

Low Load

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	313.8	314.9	315.9	317.0	318.0	319.1	320.2
GENERATIONCOSTS \$M	MEAN	159.8	153.4	198.8	208.3	217.8	236.8	201.2
	P5	133.9	122.7	154.9	158.2	161.6	177.7	123.0
	P95	192.7	186.9	247.3	259.9	264.2	299.1	282.0
MARKETPURCHASES \$M	MEAN	28.9	34.0	16.9	17.7	23.5	24.5	30.7
	P5	19.9	22.2	10.7	11.4	16.2	17.5	19.8
	P95	40.8	48.7	24.8	25.9	33.2	34.7	43.1
MARKETSALES \$M	MEAN	24.8	23.6	79.2	82.1	70.0	86.7	80.1
	P5	15.2	14.1	47.9	52.1	40.7	51.8	36.8
	P95	37.4	37.5	116.7	122.4	101.7	130.2	135.8
TOTALCOSTS \$M	MEAN	481.8	489.3	549.0	574.5	580.7	615.6	597.4
	P5	381.0	385.6	419.9	434.2	427.0	466.9	400.2
	P95	600.3	605.3	677.8	718.9	708.3	774.2	793.8

High Carbon

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	317.8	318.9	320.0	321.1	322.3	323.5	324.7

### Supply Cost Report

GENERATIONCOSTS \$M	MEAN	187.7	186.0	249.5	263.5	276.9	306.8	260.8
	P5	159.9	153.0	204.5	217.7	228.3	248.9	200.4
	P95	214.9	216.5	294.2	318.3	321.6	374.3	336.1
MARKETPURCHASES \$M	MEAN	43.3	47.1	26.3	28.6	38.5	41.3	52.4
	P5	33.9	36.3	20.5	20.5	31.6	31.5	40.0
	P95	54.5	58.7	33.3	38.0	46.7	51.3	65.9
MARKETSALES \$M	MEAN	28.7	28.9	96.6	99.1	82.7	102.8	86.5
	P5	17.6	16.1	61.1	56.8	49.3	62.2	45.7
	P95	42.7	45.8	136.9	148.6	114.6	155.7	139.4
TOTALCOSTS \$M	MEAN	582.5	593.8	682.9	723.3	740.1	801.1	766.0
	P5	503.1	505.8	573.0	615.7	629.0	669.6	636.2
	P95	668.1	684.1	798.9	860.9	856.7	952.2	937.4

#### Low Carbon

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	317.8	318.9	320.0	321.1	322.3	323.5	324.7
GENERATIONCOSTS \$M	MEAN	124.4	116.1	141.6	148.2	153.1	165.6	127.0
	P5	113.1	102.2	115.0	121.6	125.5	130.5	90.1
	P95	138.7	132.9	173.6	188.3	185.2	213.7	180.0
MARKETPURCHASES \$M	MEAN	18.6	21.4	11.3	12.2	16.4	18.7	21.6
	P5	14.9	16.5	9.2	9.7	13.4	14.7	17.7
	P95	22.4	26.1	13.7	15.0	19.3	22.2	25.5
MARKETSALES \$M	MEAN	19.5	19.8	57.1	58.5	49.1	59.9	54.8
	P5	12.2	11.6	32.8	30.4	25.5	30.4	25.7
	P95	29.1	31.9	87.8	99.0	74.5	104.8	98.5
TOTALCOSTS \$M	MEAN	367.7	370.5	407.3	427.1	425.9	451.2	427.0
	P5	306.0	301.6	317.6	339.8	335.6	344.4	320.2
	P95	439.0	447.0	510.3	552.3	528.3	583.6	576.1

#### High Gas

		2023	2024	2025	2026	2027	2028	2029
FIXEDCOST \$M	Total	317.8	318.9	320.0	321.1	322.3	323.5	324.7
GENERATIONCOSTS \$M	MEAN	173.9	171.8	226.0	236.8	247.8	271.3	235.8
	P5	143.2	134.4	172.4	176.4	180.9	202.4	144.6
	P95	212.2	212.2	281.3	298.5	302.5	349.2	330.7
MARKETPURCHASES \$M	MEAN	30.6	34.4	18.4	19.8	27.0	29.0	37.7
	P5	21.9	24.0	12.3	13.7	19.4	22.6	24.8
	P95	41.0	46.2	24.6	26.5	35.9	37.6	48.6
MARKETSALES \$M	MEAN	33.4	34.0	100.4	102.7	87.5	106.3	94.5
	P5	21.1	21.0	61.5	65.0	50.8	62.9	44.4
	P95	49.3	53.3	147.9	152.1	126.9	160.3	158.2



## Supply Cost Report

<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	543.6	558.3	631.1	662.7	675.5	720.4	708.1
	<b>P5</b>	431.5	441.0	478.6	496.0	499.7	546.9	478.2
	<b>P95</b>	678.5	692.3	779.7	839.9	834.9	912.6	943.7

### Triple Wind and Solar

		2023	2024	2025	2026	2027	2028	2029
<b>FIXEDCOST \$M</b>	<b>Total</b>	317.8	318.9	320.0	321.1	322.3	323.5	324.7
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	199.7	200.5	195.0	204.9	214.5	218.4	173.5
	<b>P5</b>	160.7	154.0	143.6	152.7	156.3	160.0	98.6
	<b>P95</b>	249.6	261.3	258.9	275.6	276.2	294.1	260.3
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	8.4	8.3	9.9	10.7	11.9	14.4	21.4
	<b>P5</b>	4.3	4.2	5.0	5.5	7.4	7.9	13.4
	<b>P95</b>	13.7	14.0	16.5	18.3	20.4	23.8	31.9
<b>MARKETSALES \$M</b>	<b>MEAN</b>	44.4	48.2	50.5	52.6	49.8	50.0	44.0
	<b>P5</b>	28.6	31.0	30.0	32.3	27.7	30.0	20.2
	<b>P95</b>	63.8	73.7	74.9	80.4	73.2	77.1	74.8
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	528.8	544.8	556.2	584.4	593.1	615.6	591.0
	<b>P5</b>	416.4	422.3	420.0	439.0	434.1	465.3	391.0
	<b>P95</b>	666.4	688.3	701.8	752.1	744.0	788.8	799.4

### Double Wind and Solar

		2023	2024	2025	2026	2027	2028	2029
<b>FIXEDCOST \$M</b>	<b>Total</b>	325.7	326.9	328.2	329.5	330.8	332.2	333.6
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	176.7	175.9	164.3	172.5	180.5	215.4	173.7
	<b>P5</b>	145.7	137.6	127.3	130.3	133.7	156.1	93.9
	<b>P95</b>	217.2	222.2	208.6	221.8	224.2	291.5	265.6
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	16.2	15.8	20.7	22.4	27.8	25.6	36.2
	<b>P5</b>	10.0	9.0	11.6	13.0	18.4	15.9	24.6
	<b>P95</b>	25.2	25.9	31.5	33.9	43.0	40.0	52.9
<b>MARKETSALES \$M</b>	<b>MEAN</b>	28.8	32.5	29.6	30.7	24.7	38.2	32.9
	<b>P5</b>	17.8	19.7	16.7	16.6	11.6	19.6	12.3
	<b>P95</b>	43.2	51.3	46.4	50.0	39.5	64.1	62.1
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	504.1	518.5	523.1	549.6	556.7	610.1	588.6
	<b>P5</b>	399.1	406.5	400.3	413.7	410.3	458.9	383.4
	<b>P95</b>	631.9	645.6	648.3	698.0	692.8	784.5	801.4

### RPS Compliance

		2023	2024	2025	2026	2027	2028	2029
<b>FIXEDCOST \$M</b>	<b>Total</b>	317.8	318.9	320.0	321.1	322.3	323.5	324.7
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	161.8	158.0	203.8	213.6	223.5	242.0	203.4
	<b>P5</b>	134.9	125.1	157.2	160.2	163.7	181.0	123.4
	<b>P95</b>	196.2	194.3	254.4	268.3	271.9	312.5	286.9
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	28.4	32.2	17.0	18.2	24.5	26.3	32.1
	<b>P5</b>	19.7	21.3	10.8	11.8	16.7	19.1	21.2

Supply Cost Report

	<b>P95</b>	40.0	46.0	24.5	25.9	34.5	36.9	44.2
<b>MARKETSALES \$M</b>	<b>MEAN</b>	16.6	16.2	38.0	39.4	36.9	42.2	40.1
	<b>P5</b>	10.2	9.2	22.4	23.9	20.8	23.7	17.3
	<b>P95</b>	25.6	25.8	55.7	58.5	54.5	64.8	66.8
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	509.2	520.4	582.9	611.3	620.6	658.1	664.6
	<b>P5</b>	406.7	413.6	449.1	465.1	460.3	504.1	460.5
	<b>P95</b>	630.3	640.3	715.6	761.3	754.2	829.3	868.6

## Supply Cost Report

### Economically Optimal Portfolio

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	325.9	327.2	328.4	329.8	331.1	332.4
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	216.8	223.8	234.9	248.9	254.9	266.9
	<b>P5</b>	157.8	149.5	152.8	163.8	166.3	156.6
	<b>P95</b>	294.1	306.4	352.8	344.4	349.5	362.4
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	37.0	42.4	45.7	46.7	54.3	57.4
	<b>P5</b>	26.1	29.7	30.2	31.1	35.5	38.9
	<b>P95</b>	53.5	58.6	63.0	65.2	73.8	81.6
<b>MARKETSALES \$M</b>	<b>MEAN</b>	75.9	77.5	80.7	81.3	81.3	81.7
	<b>P5</b>	40.7	40.5	37.8	40.2	38.9	39.8
	<b>P95</b>	119.4	127.7	152.1	136.0	144.4	136.0
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	651.1	680.2	715.4	754.2	782.2	821.6
	<b>P5</b>	503.9	490.9	502.2	536.3	557.8	528.9
	<b>P95</b>	841.8	886.4	996.0	979.9	1,011.9	1,067.7

### Current Portfolio plus Market

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	264.7	264.7	264.8	264.8	264.8	264.8
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	107.0	108.6	113.6	122.1	122.4	128.3
	<b>P5</b>	77.1	71.4	70.9	79.8	72.4	76.3
	<b>P95</b>	141.3	148.2	164.1	167.0	165.3	174.5
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	118.0	129.2	138.3	146.4	161.8	172.9
	<b>P5</b>	87.8	93.9	96.6	107.9	113.0	120.3
	<b>P95</b>	147.5	164.2	178.2	189.6	208.5	221.8
<b>MARKETSALES \$M</b>	<b>MEAN</b>	3.6	3.1	2.9	3.0	2.4	2.2
	<b>P5</b>	1.3	1.2	0.7	1.0	0.9	0.8
	<b>P95</b>	7.1	6.4	5.4	6.0	5.4	4.2
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	541.3	564.9	594.1	627.4	649.7	683.0
	<b>P5</b>	423.2	413.7	420.4	456.3	468.0	443.8
	<b>P95</b>	692.3	730.0	811.5	803.4	831.1	882.8

### Frame CT

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	324.6	325.8	327.1	328.4	329.7	331.0
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	206.7	213.2	223.6	236.8	242.0	253.2
	<b>P5</b>	151.4	142.9	146.6	157.8	159.5	150.7
	<b>P95</b>	280.0	293.2	333.2	325.8	324.5	345.6
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	38.3	43.9	47.2	48.4	56.4	59.7
	<b>P5</b>	25.8	31.2	29.9	31.8	36.5	39.6
	<b>P95</b>	55.1	59.4	66.2	67.4	76.2	85.0
	<b>MEAN</b>	68.6	69.9	72.6	72.2	72.2	71.9

## Supply Cost Report

MARKETSALES \$M	P5	36.9	37.0	32.2	35.4	34.2	33.1
	P95	108.2	121.4	142.7	122.6	137.8	125.6
TOTALCOSTS \$M	MEAN	641.0	669.5	704.2	742.0	769.3	807.9
	P5	498.0	484.3	495.9	530.5	550.9	522.9
	P95	826.1	872.4	978.5	965.1	989.3	1,048.6

### High Load

		2030	2031	2032	2033	2034	2035
FIXEDCOST \$M	Total	335.0	336.4	337.9	339.4	340.9	342.4
GENERATIONCOSTS \$M	MEAN	215.9	226.2	237.6	251.5	261.1	273.4
	P5	157.6	151.0	155.1	164.2	169.5	160.6
	P95	293.0	311.9	357.1	349.0	355.3	379.9
MARKETPURCHASES \$M	MEAN	45.7	52.8	57.7	60.9	71.3	76.9
	P5	32.8	37.8	39.1	42.1	46.8	52.4
	P95	63.9	70.5	77.4	83.8	94.5	107.5
MARKETSALES \$M	MEAN	63.5	66.7	67.8	66.1	68.3	66.2
	P5	35.0	32.5	28.0	31.0	27.6	28.3
	P95	101.9	118.8	136.4	114.3	139.5	123.2
TOTALCOSTS \$M	MEAN	670.4	706.4	745.9	788.8	825.0	869.8
	P5	519.3	509.8	524.1	559.8	587.7	560.0
	P95	864.9	920.7	1,041.0	1,027.5	1,059.0	1,136.0

### Low Load

		2030	2031	2032	2033	2034	2035
FIXEDCOST \$M	Total	321.4	322.5	323.7	324.9	326.2	327.4
GENERATIONCOSTS \$M	MEAN	214.3	221.1	232.1	246.0	251.8	263.8
	P5	157.3	148.8	151.1	163.9	164.8	154.6
	P95	290.0	302.2	344.2	336.5	345.8	359.1
MARKETPURCHASES \$M	MEAN	30.2	34.2	35.8	35.6	41.1	42.4
	P5	20.4	23.1	22.8	22.7	25.7	27.3
	P95	44.5	47.3	51.3	51.8	56.9	62.2
MARKETSALES \$M	MEAN	86.0	89.1	94.1	97.1	99.1	102.3
	P5	49.6	48.0	47.0	51.1	53.0	53.2
	P95	132.8	144.3	168.8	153.8	166.0	163.5
TOTALCOSTS \$M	MEAN	629.3	654.9	686.4	721.2	744.8	779.6
	P5	488.3	473.5	481.9	514.8	531.4	501.5
	P95	813.5	853.4	954.5	933.7	966.1	1,014.5

### High Carbon

		2030	2031	2032	2033	2034	2035
FIXEDCOST \$M	Total	325.9	327.2	328.4	329.8	331.1	332.4

## Supply Cost Report

<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	277.3	288.0	299.5	319.9	337.5	347.0
	<b>P5</b>	219.1	219.7	211.9	252.1	257.7	269.8
	<b>P95</b>	343.1	361.0	396.0	403.9	429.8	445.3
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	51.9	59.3	62.3	64.5	75.5	78.1
	<b>P5</b>	39.0	44.8	49.4	47.9	60.8	61.0
	<b>P95</b>	64.3	74.1	80.5	81.6	92.7	96.6
<b>MARKETSALES \$M</b>	<b>MEAN</b>	90.2	92.1	95.4	95.8	98.3	97.2
	<b>P5</b>	51.5	51.6	41.6	59.4	51.6	53.4
	<b>P95</b>	132.6	146.5	169.0	150.5	176.0	158.8
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	805.4	847.2	882.7	936.6	996.7	1,030.6
	<b>P5</b>	675.9	695.9	688.0	788.4	815.3	855.9
	<b>P95</b>	949.9	1,017.9	1,110.0	1,134.5	1,215.2	1,262.8

### Low Carbon

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	325.9	327.2	328.4	329.8	331.1	332.4
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	134.5	138.9	145.6	152.9	157.4	163.9
	<b>P5</b>	97.2	97.5	90.9	107.9	107.8	112.6
	<b>P95</b>	179.7	192.0	220.6	215.7	225.9	238.1
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	21.3	25.3	27.3	27.6	32.8	35.2
	<b>P5</b>	17.0	21.2	22.7	22.3	28.2	29.8
	<b>P95</b>	25.4	30.0	32.7	32.6	38.8	40.7
<b>MARKETSALES \$M</b>	<b>MEAN</b>	57.7	58.9	61.7	61.7	62.2	62.5
	<b>P5</b>	28.3	28.8	22.1	31.4	27.1	26.6
	<b>P95</b>	92.9	101.9	124.4	106.3	127.3	113.9
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	450.5	470.3	494.5	519.6	538.4	564.4
	<b>P5</b>	342.5	347.1	335.2	394.1	389.4	416.5
	<b>P95</b>	574.7	619.5	700.2	696.0	732.3	772.7

### High Gas

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	325.9	327.2	328.4	329.8	331.1	332.4
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	251.1	259.3	272.0	288.1	295.1	308.7
	<b>P5</b>	184.7	175.7	181.7	189.9	196.6	185.8
	<b>P95</b>	338.1	353.0	404.4	396.6	394.3	418.0
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	37.5	43.8	47.1	47.7	56.2	59.8
	<b>P5</b>	27.5	31.9	33.4	33.3	39.4	41.3
	<b>P95</b>	50.9	58.1	62.3	65.3	72.2	81.2
<b>MARKETSALES \$M</b>	<b>MEAN</b>	99.1	101.4	105.1	105.9	106.0	106.9
	<b>P5</b>	57.2	56.6	51.4	55.4	51.4	54.7
	<b>P95</b>	153.0	167.3	192.4	173.3	182.3	173.1

## Supply Cost Report

<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	748.6	782.3	822.8	867.5	900.4	945.7
	<b>P5</b>	588.3	569.5	592.4	620.4	657.1	624.4
	<b>P95</b>	960.2	1,013.8	1,134.3	1,127.3	1,141.0	1,234.6

### Triple Wind and Solar

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	325.9	327.2	328.4	329.8	331.1	332.4
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	186.1	192.8	202.5	215.1	219.9	230.3
	<b>P5</b>	128.9	121.1	127.2	130.4	135.9	130.8
	<b>P95</b>	259.6	279.4	321.7	307.3	310.8	340.7
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	21.8	24.7	26.8	27.9	33.4	35.1
	<b>P5</b>	13.0	14.6	14.8	15.2	19.6	21.9
	<b>P95</b>	34.4	37.5	42.1	39.8	52.3	53.8
<b>MARKETSALES \$M</b>	<b>MEAN</b>	46.8	48.0	50.2	51.7	52.0	53.6
	<b>P5</b>	27.8	28.1	26.2	26.7	26.2	25.4
	<b>P95</b>	72.6	79.8	94.1	84.6	90.7	90.1
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	625.6	654.6	688.6	726.1	753.0	791.0
	<b>P5</b>	480.3	468.1	484.3	508.3	533.1	508.6
	<b>P95</b>	812.8	860.3	962.3	954.7	969.1	1,049.8

### Double Wind and Solar

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	335.0	336.4	337.9	339.4	340.9	342.4
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	186.4	193.5	203.8	217.0	222.2	233.1
	<b>P5</b>	127.3	117.8	123.3	125.7	133.7	127.5
	<b>P95</b>	266.2	284.2	327.0	315.5	317.7	344.6
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	36.7	41.2	44.0	45.4	52.5	55.2
	<b>P5</b>	23.2	26.0	27.5	27.8	31.1	37.4
	<b>P95</b>	55.6	59.2	65.9	62.3	76.7	78.9
<b>MARKETSALES \$M</b>	<b>MEAN</b>	35.1	36.3	38.1	39.2	39.1	40.3
	<b>P5</b>	17.3	17.3	14.3	17.2	15.3	16.3
	<b>P95</b>	59.7	65.5	80.1	69.1	76.9	74.5
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	623.4	652.6	687.1	725.2	752.4	790.8
	<b>P5</b>	477.6	462.1	478.4	499.9	528.1	502.6
	<b>P95</b>	815.6	861.6	969.5	959.3	976.8	1,050.5

### RPS Compliance

		2030	2031	2032	2033	2034	2035
<b>FIXEDCOST \$M</b>	<b>Total</b>	325.9	327.2	328.4	329.8	331.1	332.4
<b>GENERATIONCOSTS \$M</b>	<b>MEAN</b>	216.8	223.8	234.9	248.9	254.9	266.9
	<b>P5</b>	157.8	149.5	152.8	163.8	166.3	156.6
	<b>P95</b>	294.1	306.4	352.8	344.4	349.5	362.4
<b>MARKETPURCHASES \$M</b>	<b>MEAN</b>	26.9	31.4	33.9	34.6	39.8	41.5
	<b>P5</b>	18.3	21.4	21.7	21.8	25.2	27.1

Supply Cost Report

	<b>P95</b>	40.2	44.9	48.3	50.5	56.2	61.6
<b>MARKETSALES \$M</b>	<b>MEAN</b>	46.5	48.4	50.6	52.3	54.0	56.9
	<b>P5</b>	28.1	27.4	26.7	26.6	29.6	28.9
	<b>P95</b>	71.1	75.6	90.5	82.0	85.3	91.0
<b>TOTALCOSTS \$M</b>	<b>MEAN</b>	769.4	800.9	838.5	879.7	923.7	979.6
	<b>P5</b>	622.2	611.7	625.3	661.8	699.3	686.8
	<b>P95</b>	960.1	1,007.1	1,119.1	1,105.4	1,153.5	1,225.8