Attached please find a spreadsheet from Lexar Home's Daimon Doyle containing 3 potential strategies to compliance with the energy credits and the associated costs.

Daimon Doyle

Product Development Manager

Graduate Master Builder, Master Certified Green Professional, Certified Aging in Place Specialist
RESNET Accredited HERS Rater, Energy Star, Indoor airPLUS, & Water Sense Verifier. PCTS #7064

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Lexar Homes Compliance Strategy

5% reduction + 1.5 ACH

Total Measure Costs by Single Family Prototypes			Prototypes Weight % by Floor Area			
			1344	2200	2688	5000
Option-Description	Credit Value	Weighted Measure Cost	15%	72%	11%	2%
1.1 - U-.24 Glaze	0.5	**$1,583**	$907	$1,638	$1,818	$3,375
1.2 - U-.20 Glaze	1	**$3,166**	$1,814	$3,276	$3,636	$6,750
1.3 - 5% UA reduc	0.5	**$1,102**	$767	$1,097	$1,667	$676
1.4 - 15% UA reduc	1	**$4,311**	$2,649	$4,565	$4,582	$6,127
1.5 - 30% UA reduc	2	**$7,947**	$4,869	$8,537	$7,609	$11,659
1.6 - 40% UA reduc	3	**$11,889**	$7,641	$12,925	$10,191	$15,828
1.7 - Adv Frm, RH Trss, R49, U.28	0.5	***$500***				
2.1 - 3ACH , fan eff	0.5	**$517**	$349	$521	$618	$1,081
2.2 - 2 ACH, HRV 0.65	1	**$2,727**	$1,680	$2,750	$3,360	$6,250
2.3 - 1.5 ACH, HRV 0.75	1.5	**$6,108**	$3,763	$6,160	$7,526	$14,000
2.4 - 0.6 ACH, HRV 0.80	2	**$8,725**	$5,376	$8,800	$10,752	$20,000
3.1 - Furnace ES 95%	1	**$230**	$230	$230	$230	$230
3.2 - 9.5 HSPF HP	0.5	**$1,270**	$1,270	$1,270	$1,270	$1,270
3.3 - GSHP COP 3.3	1.5	**$11,034**	$10,900	$10,900	$10,900	$17,600
3.4 - DHP, 10 HSPF, w/ elec resist	1.5	**$1,400**	$1,400	$1,400	$1,400	$1,400
3e - 11.0 HSPF HP	1.5	**$5,400**	$5,400	$5,400	$5,400	$5,400
3f - DHP, no elec. resistance	2	**$5,400**	$5,400	$5,400	$5,400	$5,400
4.1 - Ducts buried, R49	0.5	---	---	---	---	---
4.2 - Ducts inside cond. space	1	**$300**	$300	$300	---	---
5.1 - DWR	0.5	**$400**	$400	$400	$400	$400
5.2 - 0.80 gas DHW	0.5	**$586**	$586	$586	$586	$586
5.3 - 0.91 gas DHW, GSHP, Solar	1	**$923**	$923	$923	$923	$923
5.4 - Tier I HPWH	1	**$874**	$874	$874	$874	$874
5.5 - Tier III HPWH	1.5	**$874**	$874	$874	$874	$874
5.6 - Tier III HPWH Split	2	**$3,500**	$3,500	$3,500	$3,500	$3,500
6 - Solar PV. Each 1200 kWh	0.5	**$5,040**	$5,040	$5,040	$5,040	$5,040
7 - ES Appl+ventless Dryer	0.5	**$462**	$462	$462	$462	$462
	6	**$10,446**				

Lexar Homes Compliance Strategy

15% reduction + 2 ACH

Total Measure Costs by Single Family Prototypes			Prototypes Weight % by Floor Area			
			1344	2200	2688	5000
Option-Description	Credit Value	Weighted Measure Cost	15%	72%	11%	2%
1.1 - U-.24 Glaze	0.5	**$1,583**	$907	$1,638	$1,818	$3,375
1.2 - U-.20 Glaze	1	**$3,166**	$1,814	$3,276	$3,636	$6,750
1.3 - 5% UA reduc	0.5	**$1,102**	$767	$1,097	$1,667	$676
1.4 - 15% UA reduc	1	**$4,311**	$2,649	$4,565	$4,582	$6,127
1.5 - 30% UA reduc	2	**$7,947**	$4,869	$8,537	$7,609	$11,659
1.6 - 40% UA reduc	3	**$11,889**	$7,641	$12,925	$10,191	$15,828
1.7 - Adv Frm, RH Trss, R49, U.28	0.5	***$500***				
2.1 - 3ACH , fan eff	0.5	**$517**	$349	$521	$618	$1,081
2.2 - 2 ACH, HRV 0.65	1	**$2,727**	$1,680	$2,750	$3,360	$6,250
2.3 - 1.5 ACH, HRV 0.75	1.5	**$6,108**	$3,763	$6,160	$7,526	$14,000
2.4 - 0.6 ACH, HRV 0.80	2	**$8,725**	$5,376	$8,800	$10,752	$20,000
3.1 - Furnace ES 95%	1	**$230**	$230	$230	$230	$230
3.2 - 9.5 HSPF HP	0.5	**$1,270**	$1,270	$1,270	$1,270	$1,270
3.3 - GSHP COP 3.3	1.5	**$11,034**	$10,900	$10,900	$10,900	$17,600
3.4 - DHP, 10 HSPF, w/ elec resist	1.5	**$1,400**	$1,400	$1,400	$1,400	$1,400
3e - 11.0 HSPF HP	1.5	**$5,400**	$5,400	$5,400	$5,400	$5,400
3f - DHP, no elec. resistance	2	**$5,400**	$5,400	$5,400	$5,400	$5,400
4.1 - Ducts buried, R49	0.5	---	---	---	---	---
4.2 - Ducts inside cond. space	1	**$300**	$300	$300	---	---
5.1 - DWR	0.5	**$400**	$400	$400	$400	$400
5.2 - 0.80 gas DHW	0.5	**$586**	$586	$586	$586	$586
5.3 - 0.91 gas DHW, GSHP, Solar	1	**$923**	$923	$923	$923	$923
5.4 - Tier I HPWH	1	**$874**	$874	$874	$874	$874
5.5 - Tier III HPWH	1.5	**$874**	$874	$874	$874	$874
5.6 - Tier III HPWH Split	2	**$3,500**	$3,500	$3,500	$3,500	$3,500
6 - Solar PV. Each 1200 kWh	0.5	**$5,040**	$5,040	$5,040	$5,040	$5,040
7 - ES Appl+ventless Dryer	0.5	**$462**	$462	$462	$462	$462
	6	**$10,274**				

Lexar Homes Compliance Strategy

Gas FA + Ducts in cond. Space

Total Measure Costs by Single Family Prototypes			Prototypes Weight % by Floor Area			
			1344	2200	2688	5000
Option-Description	Credit Value	Weighted Measure Cost	15%	72%	11%	2%
1.1 - U-.24 Glaze	0.5	**$1,583**	$907	$1,638	$1,818	$3,375
1.2 - U-.20 Glaze	1	**$3,166**	$1,814	$3,276	$3,636	$6,750
1.3 - 5% UA reduc	0.5	**$1,102**	$767	$1,097	$1,667	$676
1.4 - 15% UA reduc	1	**$4,311**	$2,649	$4,565	$4,582	$6,127
1.5 - 30% UA reduc	2	**$7,947**	$4,869	$8,537	$7,609	$11,659
1.6 - 40% UA reduc	3	**$11,889**	$7,641	$12,925	$10,191	$15,828
1.7 - Adv Frm, RH Trss, R49, U.28	0.5	***$500***				
2.1 - 3ACH , fan eff	0.5	**$517**	$349	$521	$618	$1,081
2.2 - 2 ACH, HRV 0.65	1	**$2,727**	$1,680	$2,750	$3,360	$6,250
2.3 - 1.5 ACH, HRV 0.75	1.5	**$6,108**	$3,763	$6,160	$7,526	$14,000
2.4 - 0.6 ACH, HRV 0.80	2	**$8,725**	$5,376	$8,800	$10,752	$20,000
3.1 - Furnace ES 95%	1	**$230**	$230	$230	$230	$230
3.2 - 9.5 HSPF HP	0.5	**$1,270**	$1,270	$1,270	$1,270	$1,270
3.3 - GSHP COP 3.3	1.5	**$11,034**	$10,900	$10,900	$10,900	$17,600
3.4 - DHP, 10 HSPF, w/ elec resist	1.5	**$1,400**	$1,400	$1,400	$1,400	$1,400
3e - 11.0 HSPF HP	1.5	**$5,400**	$5,400	$5,400	$5,400	$5,400
3f - DHP, no elec. resistance	2	**$5,400**	$5,400	$5,400	$5,400	$5,400
4.1 - Ducts buried, R49	0.5	---	---	---	---	---
4.2 - Ducts inside cond. space	1	**$300**	$300	$300	---	---
5.1 - DWR	0.5	**$400**	$400	$400	$400	$400
5.2 - 0.80 gas DHW	0.5	**$586**	$586	$586	$586	$586
5.3 - 0.91 gas DHW, GSHP, Solar	1	**$923**	$923	$923	$923	$923
5.4 - Tier I HPWH	1	**$874**	$874	$874	$874	$874
5.5 - Tier III HPWH	1.5	**$874**	$874	$874	$874	$874
5.6 - Tier III HPWH Split	2	**$3,500**	$3,500	$3,500	$3,500	$3,500
6 - Solar PV. Each 1200 kWh	0.5	**$5,040**	$5,040	$5,040	$5,040	$5,040
7 - ES Appl+ventless Dryer	0.5	**$462**	$462	$462	$462	$462
	6	**$7,194**				