Appendix G

Tables of Estimated Contributions of DG Technology Types for Each Sector

Table G-1. Estimated relative contributions of DG technology types ($W_{i,l,j}$) in the Industrial sector as a function of size class

Size categories	% LT Fuel cells	% HT Fuel cells	% MTGs	% NG ICEs	% PV	% CCT	% AGT	Stirling	Hybrid
< 50 kW	0.0	0.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0
50–250 kW	0.0	2.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0
250–1,000 kW	0.0	2.6	0.0	10.1	0.0	9.7	0.0	0.0	2.5
1–5 MW	0.0	0.0	0.0	10.1	0.0	9.7	0.0	0.0	2.5
5–20 MW	0.0	0.0	0.0	0.0	0.0	9.7	13.0	0.0	0.0
20–50 MW	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
Total	0.0	5.2	14.4	20.1	0.0	29.2	26.0	0.0	5.0

Table G-2. Estimated relative contributions of DG technology types ($W_{i,l,j}$) in the Low-density residential sector as a function of size class

Size categories	% LT Fuel cells	% HT Fuel cells	% MTGs	% NG ICEs	% PV	% CCT	% AGT	Stirling	Hybrid
< 50 kW	40.5	2.5	0.0	0.0	50.0	0.0	0.0	0.0	0.0
50–250 kW	4.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250–1,000 kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1–5 MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5–20 MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20–50 MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	45.0	5.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0

Table G-3. Estimated relative contributions of DG technology types ($W_{i,l,j}$) in the medium- and high-density residential sector as a function of size class

Size categories	% LT Fuel cells	% HT Fuel cells	% MTGs	% NG ICEs	% PV	% CCT	% AGT	Stirling	Hybrid
< 50 kW	4.8	2.8	3.0	0.0	17.5	0.0	0.0	0.0	0.0
50–250 kW	7.2	11.2	7.0	5.0	10.5	0.0	0.0	0.0	0.0
250–1,000 kW	0.0	14.0	0.0	5.0	7.0	0.0	0.0	0.0	2.5
1–5 MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
5–20 MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20–50 MW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	12.0	28.0	10.0	10.0	35.0	0.0	0.0	0.0	5.0

Table G-4. Estimated relative contributions of DG technology types ($W_{i,l,j}$) in the comercial sector as a function of size class

Size categories	% LT Fuel cells	% HT Fuel cells	% MTGs	% NG ICEs	% PV	% CCT	% AGT	Stirling	Hybrid
< 50 kW	0.2	0.9	1.1	0.0	4.5	0.0	0.0	0.0	0.0
50–250 kW	2.0	6.3	10.1	7.3	4.5	0.0	0.0	0.0	0.0
250–1,000 kW	0.0	1.8	0.0	7.3	2.2	9.1	0.0	0.0	0.0
1–5 MW	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0
5–20 MW	0.0	0.0	0.0	0.0	0.0	9.1	12.2	0.0	0.0
20–50 MW	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0
Total	2.2	9.0	11.2	14.6	11.2	27.3	24.3	0.0	0.0

Table G-5. Estimated relative contributions of DG technology types ($W_{i,l,j}$) in the agricultural and water pumping sector as a function of size class

Size categories	% LT Fuel cells	% HT Fuel cells	% MTGs	% NG ICEs	% PV	% CCT	% AGT	Stirling	Hybrid
< 50 kW	0.1	1.0	1.1	0.0	4.5	0.0	0.0	0.0	0.0
50–250 kW	1.0	7.1	10.1	7.3	4.5	0.0	0.0	0.0	0.0
250–1,000 kW	0.0	2.0	0.0	7.3	2.2	9.1	0.0	0.0	0.0
1–5 MW	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0
5–20 MW	0.0	0.0	0.0	0.0	0.0	9.1	12.2	0.0	0.0
20–50 MW	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0
Total	1.	10.1	11.2	14.6	11.2	27.3	24.3	0.0	0.0

Table G-6. Estimated relative contributions of DG technology types ($W_{i,l,j}$) in the "others" sector as a function of size class

Size categories	% LT Fuel cells	% HT Fuel cells	% MTGs	% NG ICEs	% PV	% CCT	% AGT	Stirling	Hybrid
< 50 kW	0.1	0.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
50–250 kW	1.9	3.2	19.2	0.0	0.0	0.0	0.0	0.0	0.0
250–1,000 kW	0.0	4.4	0.0	7.3	0.0	7.1	0.0	0.0	2.5
1–5 MW	0.0	0.0	0.0	7.3	0.0	7.1	0.0	0.0	2.5
5–20 MW	0.0	0.0	0.0	0.0	0.0	7.1	9.4	0.0	0.0
20–50 MW	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0
Total	2.0	8.0	20.2	14.6	0.0	21.2	18.9	0.0	5.0