Lookups and Assumptions

GENERAL INPUTS

Fuel	Gas
PA	Northern Utilities Inc.
Period	Planned
Year 1	**2021**
Year 2	**2022**
Year 3	**2023**

AVOIDED COST ASSUMPTIONS

Three-Year Inputs

Input	Unit
Real Year	Year
Half Year Factor	%
Wholesale Risk Premium	%
Distribution Losses	%
Pcnt of Capacity Bid into FCM (%Bid)	%
PTF losses	%
Energy Losses	%
Peak demand loses	%
Pounds per short ton	Pounds
MMBtu in 1 kWh	MMBtu
kWh in 1 MMBtu	kWh

Annual Inputs

Input	Unit
Nominal Discount Rate	%
Inflation	%
Real Discount Rate	%
PTF Avoided Costs	$ per kW
PTF Year	Year $
Avoided Local Transmission Costs	$ per kW
Avoided Distribution Costs	$ per kW
T&D Year	Year $
Res Water & Sewer	$ per gallon
CI Water	$ per gallon
Water Year	Year $

Line Loss Inputs

Input	Unit
Summer Peak	%

Summer Off-Peak	%
Winter Peak	%
Winter Off-Peak	%
Average Loss	%

Benefit Toggles

Input	Unit
Energy DRIPE	Toggle
Electric Cross DRIPE	Toggle
Capacity DRIPE	Toggle
Reliability	Toggle
Gas Supply DRIPE	Toggle
Gas Electric Cross DRIPE	Toggle
Oil DRIPE	Toggle
Fossil emissions	Toggle
Fossil emissions RGGI	Toggle
Environmental Externalities	Toggle
NEI Adder	Toggle

NON-ENERGY IMPACTS

NEI Adder by sector	Unit
A - Residential	%
B - Low-Income	$
C - Commercial & Industrial	%

FOSSIL EMISSIONS

Fossil Emissions Scaling Factor

Percent of fossil emissions	%

Fossil Emissions Factors

	CO2 (pounds/MMBtu)
Natural Gas	116.60
Oil	163.45
Propane	138.63
Kerosene	161.35

Source / Notes

CO2 pounds:	CO2 pounds: Updated 1/
Nox pounds:	
CO2 value:	
Nox value:	

SALES

MMBTU Sales 2019

Northern Utilities Inc.
Liberty
Statewide Total

2019 MMBTU Sales

REFERENCED LISTS

Other Fuel Savings

Fuel Type in AESC

- NG - Res All
- NG - Res Hot Water
- NG - Res Heating
- NG - Res Non Heating
- NG - C& I Gas Non Heating
- NG - C&I Gas Heat
- NG - C&I Gas All
- Fuel Oil - Residential Distillate
- Fuel Oil - Com Fuel
- Fuel Oil - Industrial
- Kerosene
- Propane
- Cord Wood
- Pellet Wood
- Res Water
- C&I Water

End Use

- Behavior
- Custom Measures
- Energy Star Homes
- Envelope
- Non-Energy Saving
- Hot Water
- HVAC
- Lighting
- Process
- Refrigeration
- Food Service
- Compressed Air
- Motors/Drives

Sectors

- A - Residential
- B - Low-Income
- C - Commercial & Industrial

ELECTRIC Programs

LOW INCOME

- B1 - Home Energy Assistance

RESIDENTIAL

- A1 - Energy Star Homes
- A2 - Home Performance with Energy Star
- A3 - Energy Star Products
- A4 - Residential Behavior

A5 - Residential Active Demand Response
A6a - Res Customer Engagement Platform
A6b - Res ISO Forward Capacity Market Expenses
A6c - Res Education
A6d - Energy Optimization Pilot
A6e - Res Financing
A7 - Res TBD Pilots/Demonstrations

C&I

C1 - Large Business Energy Solutions
C2 - Small Business Energy Solutions
C3 - Municipal Energy Solutions
C4 - Energy Rewards RFP Program
C5 - C&I Active Demand Response
C6a - C&I Customer Engagement Platform
C6b - C&I ISO Forward Capacity Market Expenses
C6c - C&I Education
C6d - C&I Customer Partnerships
C6e - Smart Start
C6f - C&I On Bill Financing
C6g - C&I Building Practices and Demo
C7 - C&I TBD Pilots/Demonstrations

GAS Programs

LOW INCOME

B1 - Home Energy Assistance

RESIDENTIAL

A1 - Energy Star Homes
A2 - Home Performance with Energy Star
A3 - Energy Star Products
A4 - Residential Behavior
A5 - Residential Active Demand Response
A6a - Res Customer Engagement Platform
A6b - Res ISO Forward Capacity Market Expenses
A6c - Res Education
A6d - Res Building Practices and Demo
A6e - Res Financing
A7 - Res TBD Pilots/Demonstrations

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C6c - C&I Education
C6d - C&I Customer Partnerships
C6e - Smart Start
C6f - C&I On Bill Financing
C6g - C&I Building Practices and Demo
C7 - TBD C&I Pilots/Demonstrations

Subprogram

LOW INCOME

B1a - HEA (Weatherization)
B1b - HEA (HVAC Systems)

RESIDENTIAL

A1a - ES Homes
A2a - HPwES (Weatherization)
A2b - HPwES (HVAC Systems)
A2c - HPwES 3rd Party Financing (Loan buy-down)
A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)
A3a - ES Lighting
A3b - ES Appliances
A3c - ES HVAC Systems
A4a - Residential Behavior
A5a - Residential Active Demand Response
A6a - Res Customer Engagement Platform
A6b - Res ISO Forward Capacity Market Expenses
A6c - Res Education
A6d - Energy Optimization Pilot
A6e - Res Financing
A7a - TBD Res Pilot/Demonstration 1
A7b - TBD Res Pilot/Demonstration 2

C&I

C1a - LCI Retrofit
C1b - LCI New Equipment and Construction
C1c - LCI Midstream
C1d - LCI Direct Install
C2a - SCI Retrofit
C2b - SCI New Equipment and Construction
C2c - SCI Midstream
C2d - SCI Direct Install
C3a - Muni Retrofit
C3b - Muni New Equipment and Construction
C3d - Muni Direct Install
C4a - Energy Rewards RFP Program
C5a - C&I Active Demand Response
C6a - C&I Customer Engagement Platform
C6b - C&I ISO Forward Capacity Market Expenses
C6c - C&I Education
C6d - C&I Customer Partnerships
C6e - Smart Start
C6f - C&I On Bill Financing
C6g - C&I Building Practices and Demo
C7a - TBD C&I Pilot/Demonstration 1
C7b - TBD C&I Pilot/Demonstration 2

Customers

Utility Customers (2020)

Northern Utilities Inc.
Liberty

Statewide Total
2020 Customers

2021-2023	Source / Notes
2021	Updated on December 15, 2020 to reflect 2021 AESC. Previous value wa
50.0%	Industry standard assumption.
8.0%	2021 AESC, March 2021 Release, Appendix B.
6.9%	
0%	
1.6%	2018 AESC, October 2018 Release, Appendix B.
9.0%	2021 AESC, March 2021 Release, Appendix B.
16.0%	2021 AESC, March 2021 Release, Appendix B.
2,000	Industry standard assumption.
0.00341	Industry standard assumption.
293.07	Industry standard assumption.

2021	2022	2023	Source / Notes
3.25%	3.25%	3.25%	Updated October 18, 202 Energy Efficiency Group F http://www.moneycafe.cor
2.03%	2.03%	2.03%	Updated October 18, 202 https://fred.stlouisfed.org/c
1.191%	1.191%	1.191%	Calculated: Real Discount
$84.00	$84.00	$84.00	2021 AESC, March 2021 r
2021			2021 AESC, March 2021 r
			$0. At this time the NH Uti in the benefit cost model.
$79.98	$79.98	$79.98	
2017			
$0.0079	$0.0079	$0.0079	Average of Manchester, N
$0.0079	$0.0079	$0.0079	Average of Manchester, N
2016			

Eversource Factors		Source / Notes
9.00%	25.00%	

9.00%	25.00%	Matches energy losses
9.00%	25.00%	from AESC 2021.
9.00%	25.00%	
9.00%		Used for Electric Cross DI

Included?	Source / Notes
Yes	
Yes	
Yes	
No	
Yes	
Yes	
Yes	
No	
Yes	
Yes	
Yes	

Value	Source / Notes
15%	Takes percent of total energy benefit (excludes water) and adds to total be
$405.71	Annual dollar value per weatherization project added to total benefits.
15%	Takes percent of total energy benefit (excludes water) and adds to total be

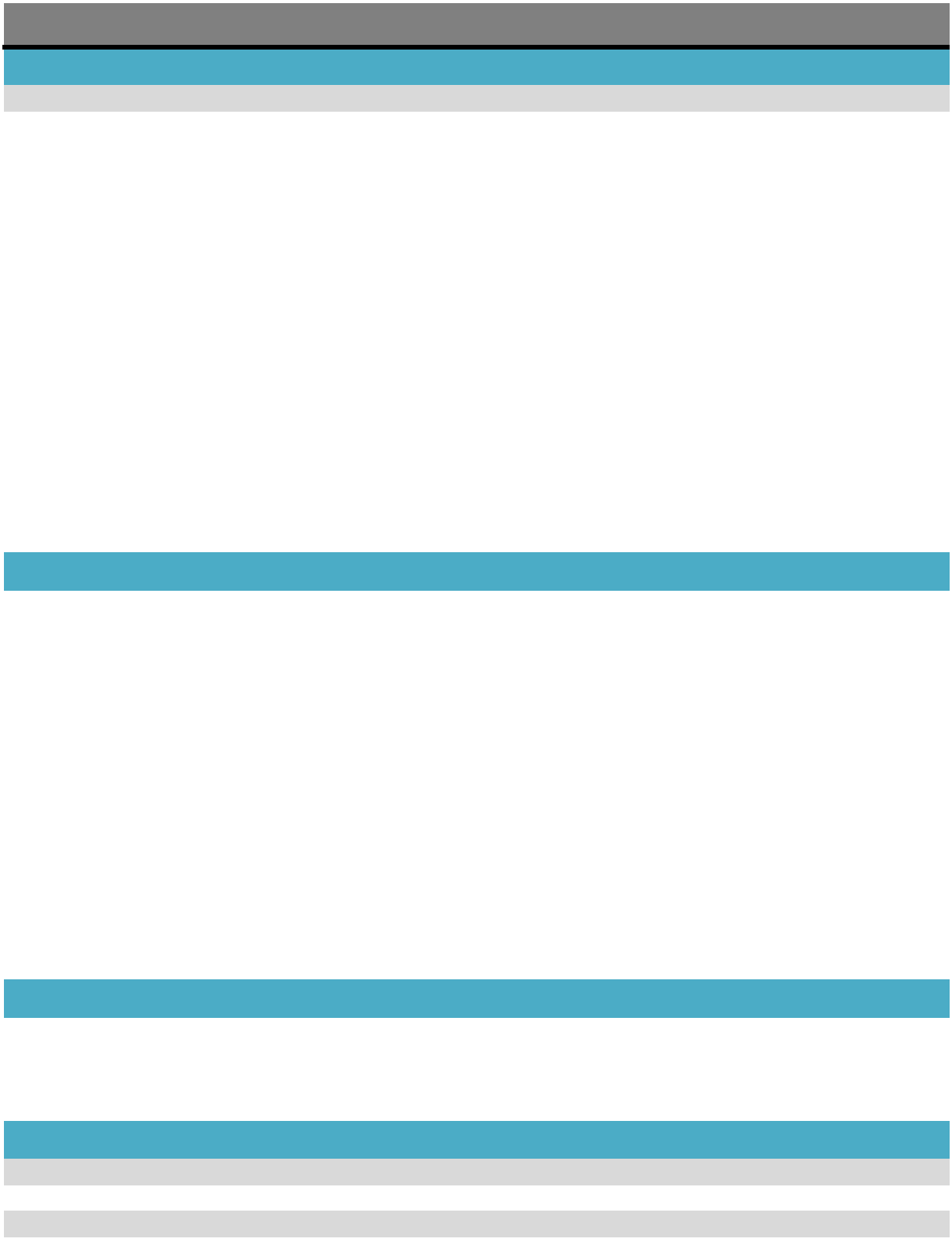
10.00%

Nox (pounds/MMBtu)	CO2 Value ($/ton)	Nox Value ($/ton)	CO2 Value ($/MMBTU)
0.09	100.00	11,954.59	$5.83
0.13	100.00	11,954.59	$8.17
0.14	100.00	11,954.59	$6.93
0.13	100.00	11,954.59	$8.07

'26/22 from https://www.eia.gov/environment/emissions/co2_vol_mass.php

7,560,544
17,558,519
25,119,063

-	Used to calculate percent of sales savings (based on 2019 sales)



Residential	Low-Income	C&I
25,433 37,209	1,266 1,229	7,013 8,338
62,642 25,433	**2,495** 1,266	**15,351** 7,013

s 2018.

l. Based on the June 2021 Prime Rate in accordance with the Final
Report, dated July 6, 1999 in DR 96-150. Retrieved from
n/personal-finance/prime-rate/

l. Based on the inflation rate from Q1 2020 to Q1 2021, Retrieved from
data/GDPDEF.txt

Rate = [(1 + Nominal Discount Rate)/(1 + Inflation Rate)] – 1

elease, page XXX-XXX.

elease, page XXX-XXX.

lities do not have additional benefits related to avoided local transmission

IH and Concord, NH water and sewer costs per gallon from July 2016.

IH and Concord, NH water and sewer costs per gallon from July 2016.

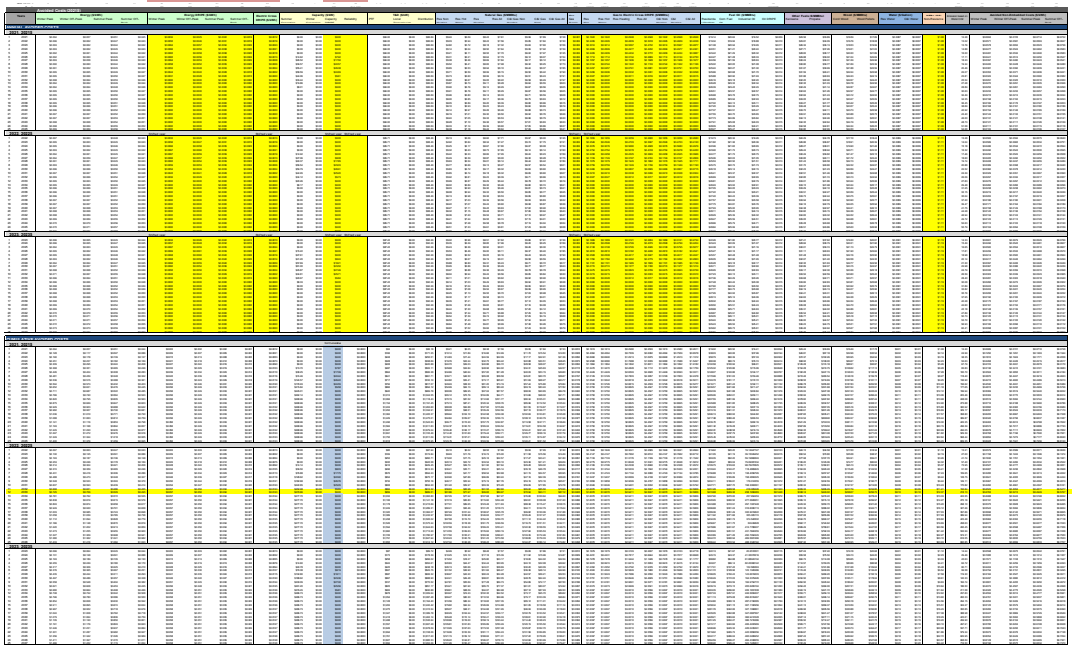
RIPE

enefits.

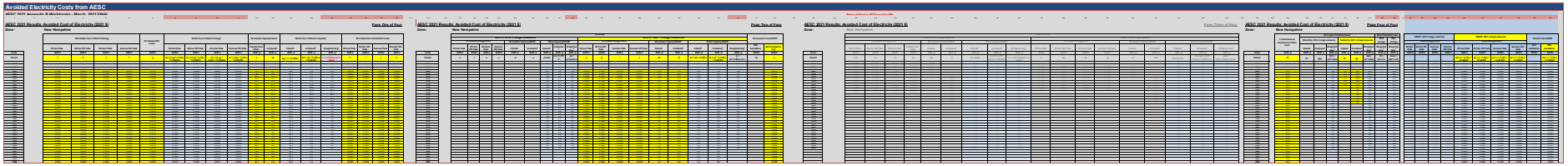
enefits.

Nox Value ($/MMBTU)	Total Value ($/MMBTU)
$0.55	**$6.38**
$0.78	**$8.95**
$0.85	**$7.78**
$0.78	**$8.84**

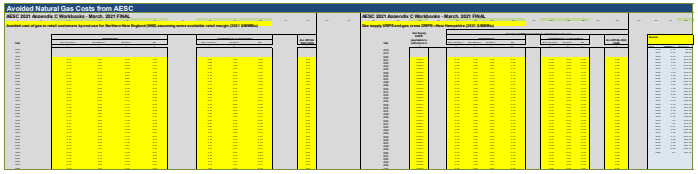
Avoided Costs



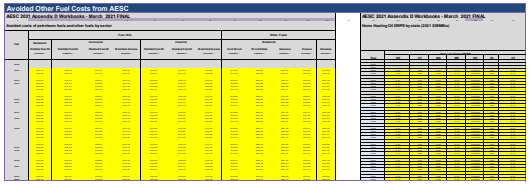
Avoided Electricity Costs from AESC



Avoided Natural Gas Costs from AESC



Avoided Other Fuel Costs from AESC



1	2	3	4	5	6	7	8	9
LS_ID	Load Shape Description	Total Energy						P
		Summer		Winter		Summer		
		On Peak	Off Peak	On Peak	Off Peak	Peak Day	On Peak	Seasonal Peak
ls_0	Non-Electric Measures	0.0%	0.0%	0.0%	0.0%			
ls_1	Clothes Washer	18.3%	15.4%	36.4%	29.9%	0.00013	0.00013	0.00014
ls_10	24 hour operation	15.2%	18.3%	30.5%	36.1%			
ls_75	Clothes Dryer - Electric	16.9%	14.2%	38.9%	30.0%	0.00013	0.00013	0.00013
ls_76	Clothes Dryer - Natural Gas	15.9%	16.4%	37.6%	30.1%	0.00013	0.00013	0.00013
ls_3	Hardwired Electric Heat	0.0%	0.0%	43.1%	56.9%	-	-	-
ls_4	Lighting	19.0%	15.1%	35.1%	30.7%	0.00014	0.00014	0.00014
ls_6	Primary TV and Peripherals	15.4%	17.6%	32.2%	34.8%	0.00011	0.00011	0.00011
ls_91	Primary Desktop Computer	17.5%	17.3%	33.5%	31.7%	0.00014	0.00014	0.00015
ls_7	Primary Refrigerator	18.2%	20.9%	29.0%	31.9%	0.00016	0.00014	0.00016
ls_77	Secondary Refrigerator	19.9%	23.6%	26.3%	30.2%	0.00017	0.00016	0.00017
ls_78	Freezer	17.1%	20.7%	28.7%	33.6%	0.00014	0.00013	0.00013
ls_79	Dehumidifier	24.9%	29.7%	22.0%	23.3%	0.00021	0.00019	0.00020
ls_80	Pool Pump	54.5%	38.2%	4.9%	2.4%	0.00052	0.00058	0.00066
ls_81	Dishwasher	14.8%	16.3%	34.1%	34.8%	0.00008	0.00008	0.00009
ls_8	Water Heater - Electric	15.2%	11.9%	41.5%	31.4%	0.00007	0.00008	0.00009
ls_83	Water Heater - Heat Pump	14.9%	13.0%	39.1%	33.0%	0.00009	0.00009	0.00010
ls_9	Water Heater - Natural Gas/Fuel Oil	13.3%	11.6%	40.9%	34.2%	0.00007	0.00008	0.00008
ls_11	Central Air Conditioner/Heat Pump (Cooling)	47.3%	42.2%	6.6%	3.8%	0.00129	0.00055	0.00117
ls_18	Room or Window Air Conditioner	47.5%	47.4%	2.9%	2.2%	0.00125	0.00052	0.00116
ls_89	Mini-Split Air Conditioner/Heat Pump (Cooling)	43.4%	40.2%	7.4%	9.0%	0.00130	0.00047	0.00111
ls_90	Mini-Split Heat Pump (Heating)	0.0%	0.0%	42.9%	57.1%	-	-	-
ls_73	Furnace Fan	0.0%	0.0%	44.6%	55.4%	-	-	-
ls_82	Boiler Distribution	0.0%	0.0%	45.0%	55.0%	-	-	-
ls_84	Weighted HVAC - All Homes	23.2%	21.7%	25.4%	29.7%	0.00063	0.00026	0.00057
ls_85	Weighted HVAC - Multi-family	25.2%	23.7%	23.2%	27.9%	0.00068	0.00028	0.00062
ls_86	Weighted HVAC - Multi-family Low Income	22.4%	21.6%	25.4%	30.6%	0.00060	0.00025	0.00055
ls_87	Weighted HVAC - Single Family	22.5%	20.8%	26.1%	30.5%	0.00061	0.00026	0.00056
ls_88	Weighted HVAC - Single Family Low Income	23.1%	21.7%	25.3%	29.9%	0.00062	0.00026	0.00057
ls_12	Central Heat Pump	10.1%	9.0%	35.1%	45.7%			
ls_13	DMSHP	8.0%	7.4%	36.4%	48.2%			
ls_14	Electric Resistance with AC	6.0%	5.0%	45.0%	44.0%			
	Custom Calculation							
ls_100	C&I Codes & Standards							
ls_101	C&I Compressed Air - VFD Compressor	26.5%	23.7%	25.9%	23.9%			
ls_102	C&I Compressed Air - Air Dryer	22.4%	27.7%	21.7%	28.1%			
ls_103	C&I Electric Chiller (Combined)	39.4%	38.5%	11.3%	10.8%			
ls_104	C&I Electric Cooling Unitary Equipment	52.7%	34.1%	8.6%	4.6%			
ls_105	C&I Exterior Lighting	19.2%	29.0%	20.1%	31.6%			
ls_106	C&I Interior Lighting - Prescriptive	34.3%	18.1%	30.3%	17.4%			
ls_107	C&I Interior Lighting - Custom	32.3%	19.4%	29.8%	18.6%			
ls_108	C&I Lighting Controls	32.1%	17.7%	31.3%	19.0%			
ls_109	C&I Refrigeration	23.3%	26.8%	22.6%	27.3%			
ls_110	C&I VFDs (Combined)	23.8%	25.3%	23.7%	27.2%			
ls_111	C&I Food Services	16.0%	17.0%	32.0%	35.0%			
ls_112	C&I Heating & Cooling	34.9%	22.1%	26.4%	16.6%			

10	11	12	13	14	15	16	17	18	19	
eak Demand*				Demand Resource Coincidence*						
Winter			Annual	Summer			Winter			Source
Peak Day	On Peak	Seasonal Peak	Max Demand Factor	Peak Day	On Peak	Seasonal Peak	Peak Day	On Peak	Seasonal Peak	
			-		0%			0%		
0.00013	0.00014	0.00014	0.00027	50%	49%	52%	49%	52%	50%	
			0.00011		100%			100%		
0.00016	0.00017	0.00017	0.00029	43%	45%	46%	55%	58%	58%	
0.00014	0.00017	0.00018	0.00034	39%	39%	40%	40%	49%	54%	
0.00054	0.00032	0.00044	0.00073	0%	0%	0%	73%	43%	60%	
0.00023	0.00022	0.00021	0.00025	54%	55%	55%	89%	85%	82%	
0.00016	0.00016	0.00016	0.00018	60%	58%	62%	86%	86%	87%	
0.00014	0.00015	0.00014	0.00017	81%	85%	87%	81%	86%	85%	
0.00011	0.00011	0.00011	0.00018	88%	79%	89%	63%	65%	63%	
0.00009	0.00009	0.00009	0.00018	96%	86%	93%	48%	51%	49%	
0.00009	0.00010	0.00009	0.00014	96%	91%	93%	65%	68%	65%	
0.00004	0.00004	0.00002	0.00023	88%	82%	87%	16%	17%	11%	
-	-	-	0.00105	49%	55%	63%	0%	0%	0%	
0.00014	0.00014	0.00017	0.00029	28%	28%	32%	47%	48%	58%	
0.00020	0.00020	0.00019	0.00024	29%	31%	38%	83%	81%	79%	
0.00017	0.00016	0.00016	0.00022	39%	41%	46%	76%	75%	74%	
0.00015	0.00014	0.00015	0.00036	20%	21%	22%	41%	40%	42%	
-	-	-	0.00159	81%	35%	74%	0%	0%	0%	
-	-	-	0.00158	79%	33%	73%	0%	0%	0%	
-	-	-	0.00166	79%	29%	67%	0%	0%	0%	
0.00039	0.00027	0.00032	0.00044	0%	0%	0%	89%	62%	74%	
0.00045	0.00029	0.00038	0.00064	0%	0%	0%	70%	45%	58%	
0.00042	0.00029	0.00036	0.00055	0%	0%	0%	77%	53%	66%	
0.00023	0.00016	0.00020	0.00078	80%	34%	73%	30%	20%	25%	
0.00023	0.00015	0.00019	0.00085	80%	34%	73%	27%	17%	23%	
0.00026	0.00017	0.00022	0.00075	80%	33%	73%	35%	22%	29%	
0.00024	0.00016	0.00020	0.00076	80%	34%	73%	31%	21%	26%	
0.00024	0.00016	0.00021	0.00077	80%	34%	73%	31%	21%	27%	
					33%			43%		
					117%			98%		P72/TRM
					117%			98%		P72/TRM
					49%			6%		P72
					45%			0%		P72
			0.00020		0%			100%		P72
			0.00020		80%			61%		P72
										P72
			0.00010		15%			13%		P72
										P72
					100%			100%		P72/TRM
					90%			90%		CAM/TRM
										CAM

Notes
From CoolSmart studies
From CoolSmart studies
Calculated
CFs from Most Recent Upstream Lighting Impact Eval
CFs from Most Recent Upstream Lighting Impact Eval
Assumes even distribution across all hours for simplicity.
From National Grid analysis and DNV loadshape study

	A	D	E	F	G	H	I	J	L
4	**Year**	**Subprogram** (Dropdown)	**Internal Admin**	**External Admin**	**Rebate / Services**	**Implementation Services**	**Marketing**	**EM&V**	**TOTAL PA COSTS**
47	2022	B1a - HEA (Weatherization)	$ 26,435	$ 2,000	$ 415,075	$ 89,218	$ 4,304	$ 19,826	**$ 556,859**
48	2022	B1b - HEA (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
49	2022	A1a - ES Homes	$ 15,744	$ 1,085	$ 246,279	$ 19,696	$ 3,936	$ 11,808	**$ 298,548**
50	2022	A2a - HPwES (Weatherization)	$ 17,755	$ 1,224	$ 281,986	$ 14,146	$ 4,439	$ 13,316	**$ 332,866**
51	2022	A2b - HPwES (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
52	2022	A2c - HPwES 3rd Party Financing (Loan buy-down)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
53	2022	A2d - HPwES 3rd Party Financing (Mod. Income Loan	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
54	2022	A3a - ES Lighting	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
55	2022	A3b - ES Appliances	$ 8,932	$ 616	$ 128,834	$ 13,373	$ 6,117	$ 6,699	**$ 164,571**
56	2022	A3c - ES HVAC Systems	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
57	2022	A4a - Residential Behavior	$ 2,121	$ 146	$ 34,010	$ 2,562	$ 265	$ 1,590	**$ 40,694**
58	2022	A5a - Residential Active Demand Response	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
59	2022	A6a - Res Customer Engagement Platform	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
60	2022	A6b - Res ISO Forward Capacity Market Expenses	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
61	2022	A6c - Res Education	$ -	$ -	$ 12,199	$ 4,945	$ 1,073	$ -	**$ 18,218**
62	2022	A6d - Energy Optimization Pilot	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
63	2022	A6e - Res Financing	$ -	$ -	$ -	$ -	$ -	$ -	$ -
64	2022	A7a - TBD Res Pilot/Demonstration 1	$ -	$ -	$ -	$ -	$ -	$ -	$ -
65	2022	A7b - TBD Res Pilot/Demonstration 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -
66	2022	C1a - LCI Retrofit	$ 35,361	$ 1,500	$ 568,893	$ 38,581	$ 10,420	$ 26,520	**$ 681,275**
67	2022	C1b - LCI New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
68	2022	C1c - LCI Midstream	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
69	2022	C1d - LCI Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
70	2022	C2a - SCI Retrofit	$ 35,042	$ 1,500	$ 561,697	$ 38,472	$ 12,380	$ 26,281	**$ 675,372**
71	2022	C2b - SCI New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
72	2022	C2c - SCI Midstream	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
73	2022	C2d - SCI Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
74	2022	C3a - Muni Retrofit	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
75	2022	C3b - Muni New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
76	2022	C3d - Muni Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
77	2022	C4a - Energy Rewards RFP Program	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
78	2022	C5a - C&I Active Demand Response	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
79	2022	C6a - C&I Customer Engagement Platform	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
80	2022	C6b - C&I ISO Forward Capacity Market Expenses	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
81	2022	C6c - C&I Education	$ -		$ 9,561	$ 5,300	$ 1,036	$ -	**$ 15,896**
82	2022	C6d - C&I Customer Partnerships	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
83	2022	C6e - Smart Start	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
84	2022	C6f - C&I On Bill Financing							
85	2022	C6g - C&I Building Practices and Demo							$ -
86	2022	C7a - TBD C&I Pilot/Demonstration 1							$ -
87	2022	C7b - TBD C&I Pilot/Demonstration 2							$ -
88									
89	2023	B1a - HEA (Weatherization)	$ 29,529.95	$ 1,777.46	$ 353,798.49	$ 86,081.84	$ 4,579.97	$ 19,129.30	**$ 494,897**
90	2023	B1b - HEA (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
91	2023	A1a - ES Homes	$ 20,321.19	$ 1,139.29	$ 270,887.56	$ 15,627.28	$ 3,156.08	$ 20,467.25	**$ 331,599**
92	2023	A2a - HPwES (Weatherization)	$ 22,916.65	$ 1,284.80	$ 287,127.36	$ 18,959.53	$ 5,194.90	$ 23,081.36	**$ 358,565**
93	2023	A2b - HPwES (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
94	2023	A2c - HPwES 3rd Party Financing (Loan buy-down)	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**
95	2023	A2d - HPwES 3rd Party Financing (Mod. Income Loan	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**

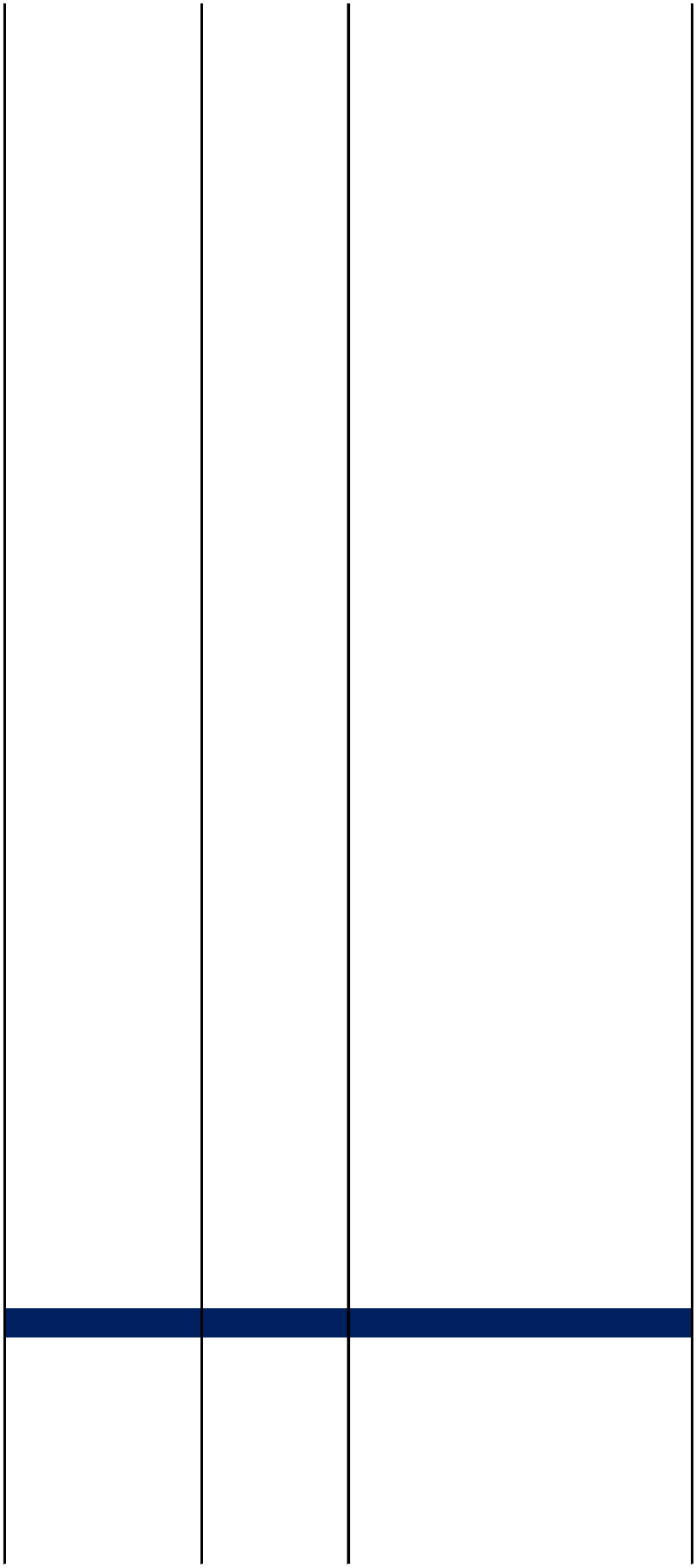
Sector (Dropdown)	Program (Dropdown)	Subprogram (Dropdown)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1a - HEA (Weatherization)
B - Low-Income	B1 - Home En	B1b - HEA (HVAC Systems)
B - Low-Income	B1 - Home En	B1b - HEA (HVAC Systems)
B - Low-Income	B1 - Home En	B1b - HEA (HVAC Systems)
B - Low-Income	B1 - Home En	B1b - HEA (HVAC Systems)
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A1 - Energy S	A1a - ES Homes
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)

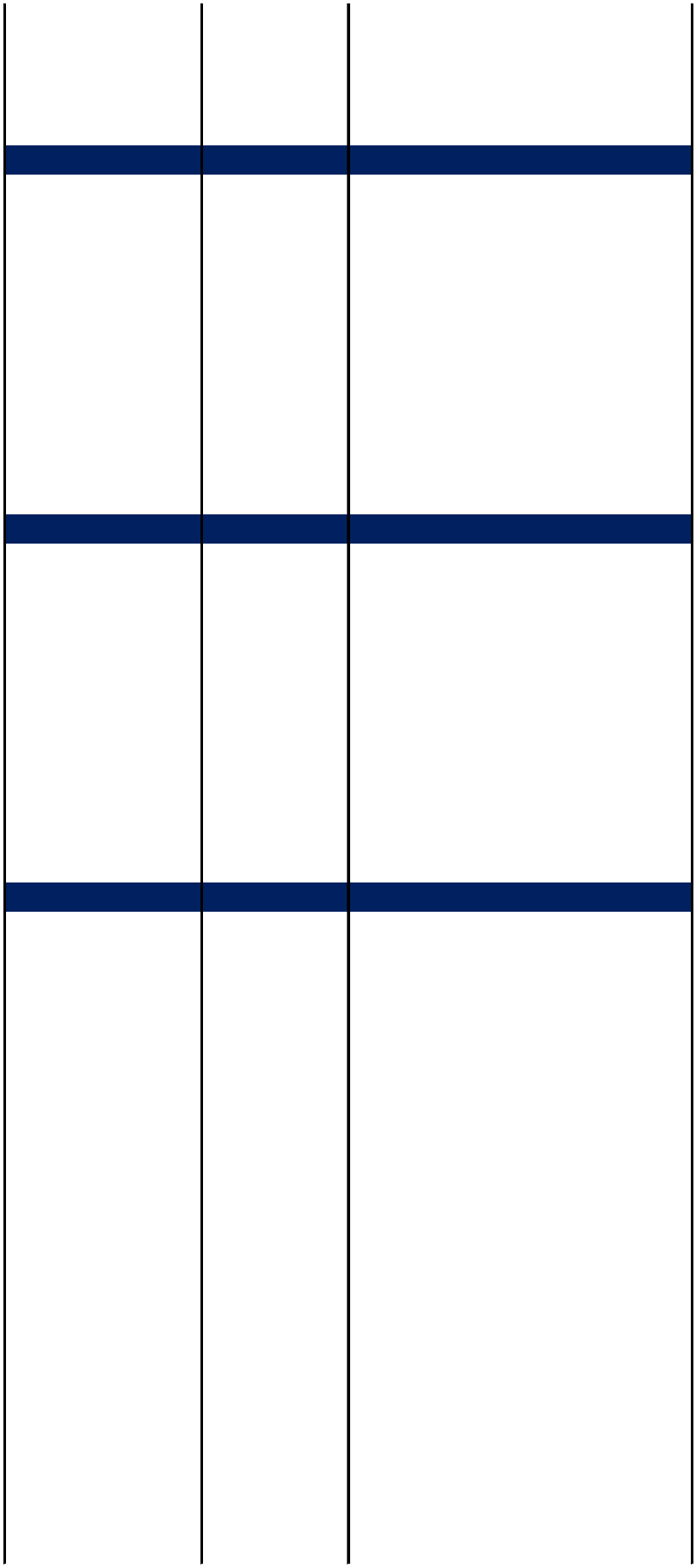
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2a - HPwES (Weatherization)
A - Residential	A2 - Home Pe	A2b - HPwES (HVAC Systems)
A - Residential	A2 - Home Pe	A2b - HPwES (HVAC Systems)
A - Residential	A2 - Home Pe	A2b - HPwES (HVAC Systems)
A - Residential	A2 - Home Pe	A2b - HPwES (HVAC Systems)
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A3 - Energy S	A3b - ES Appliances
A - Residential	A4 - Residenti	A4a - Residential Behavior
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit

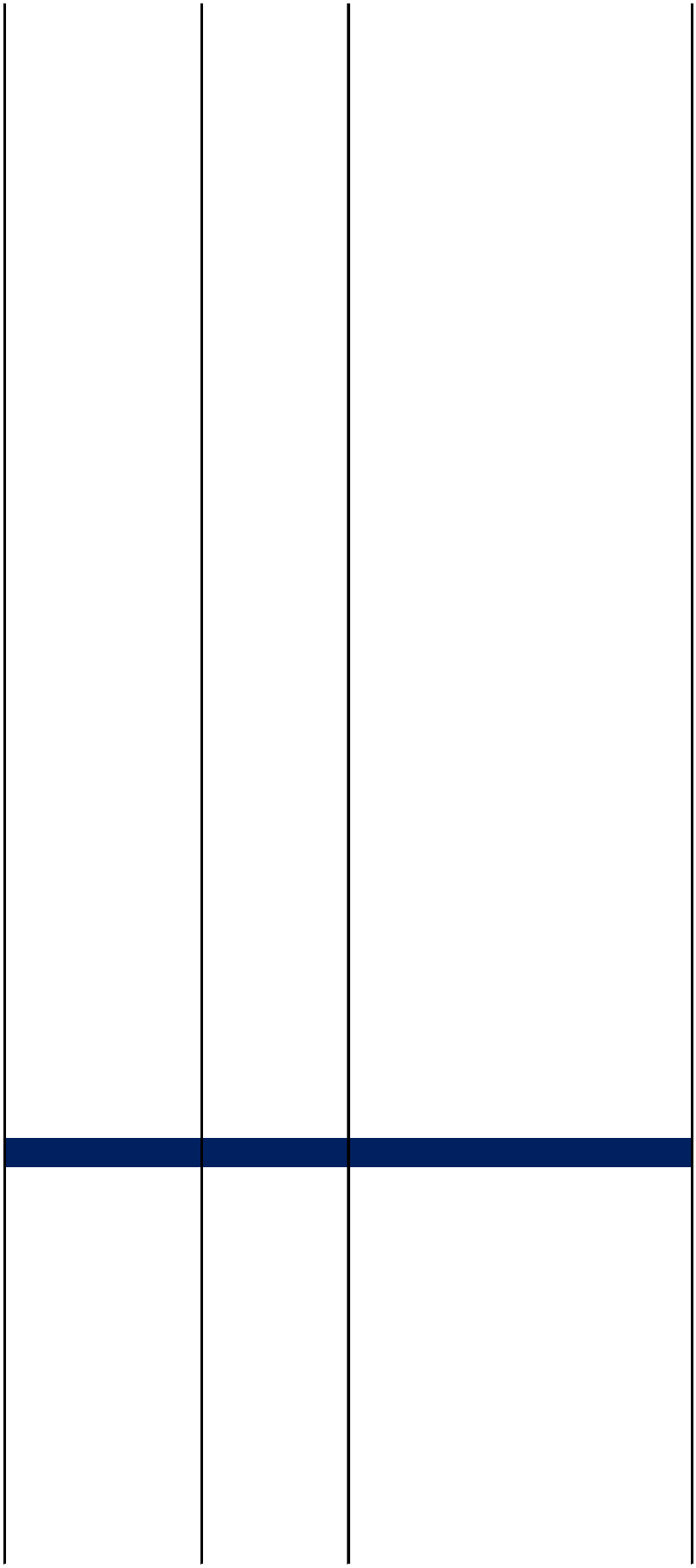
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1a - LCI Retrofit
C - Commercial & I	C1 - Large Bu	C1b - LCI New Equipment and Co

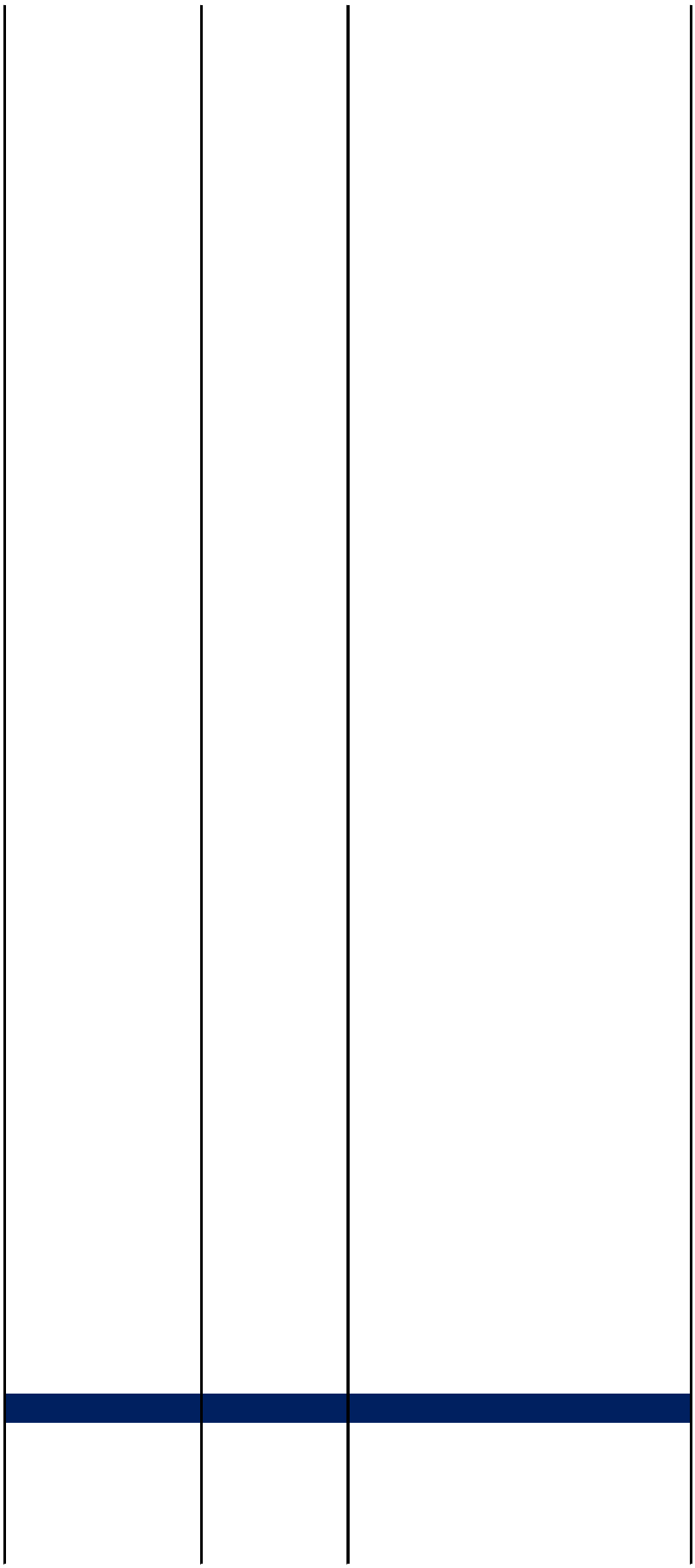
C - Commercial & I	C1 - Large Bu	C1c - LCI Midstream
C - Commercial & I	C1 - Large Bu	C1c - LCI Midstream
C - Commercial & I	C1 - Large Bu	C1c - LCI Midstream
C - Commercial & I	C1 - Large Bu	C1c - LCI Midstream
C - Commercial & I	C1 - Large Bu	C1c - LCI Midstream
C - Commercial & I	C1 - Large Bu	C1c - LCI Midstream
C - Commercial & I	C1 - Large Bu	C1c - LCI Midstream
C - Commercial & I	C2 - Small Bu	C2a - SCI Retrofit

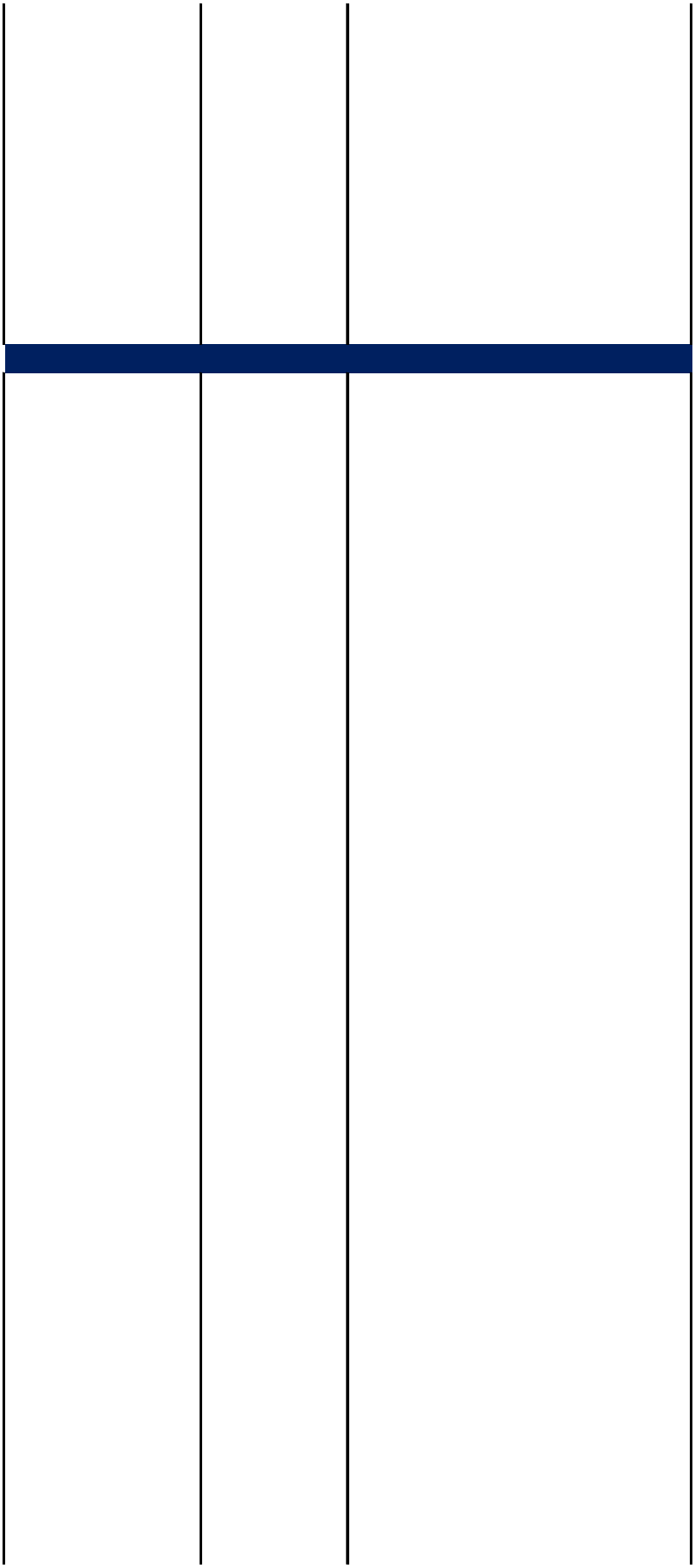
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2b - SCI New Equipment and C
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
C - Commercial & I	C2 - Small Bu	C2c - SCI Midstream
x	x	x

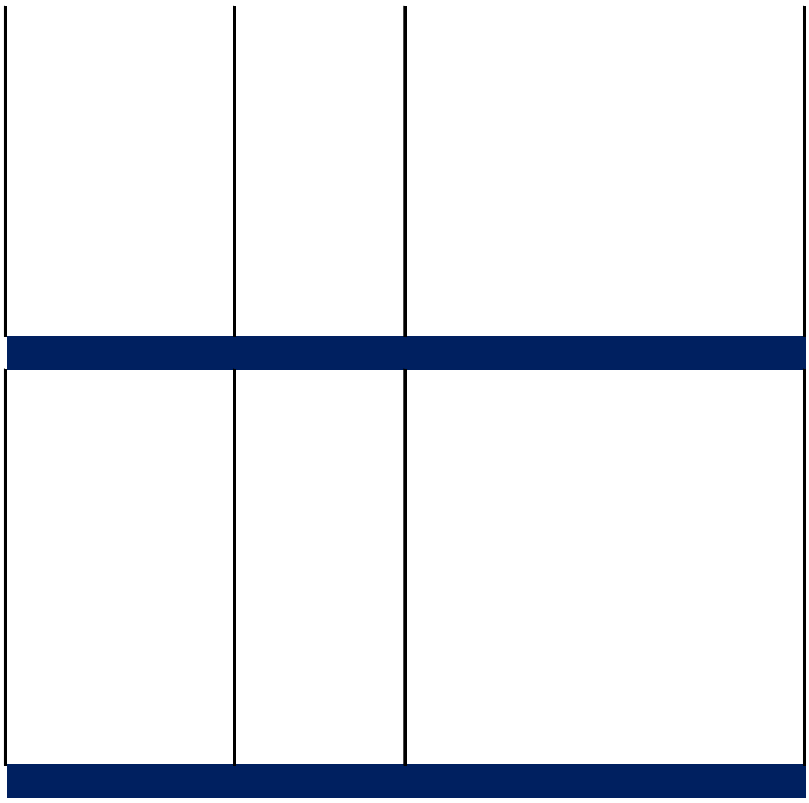












Administrator: **Northern Utilities Inc.**
Program Year: 2022

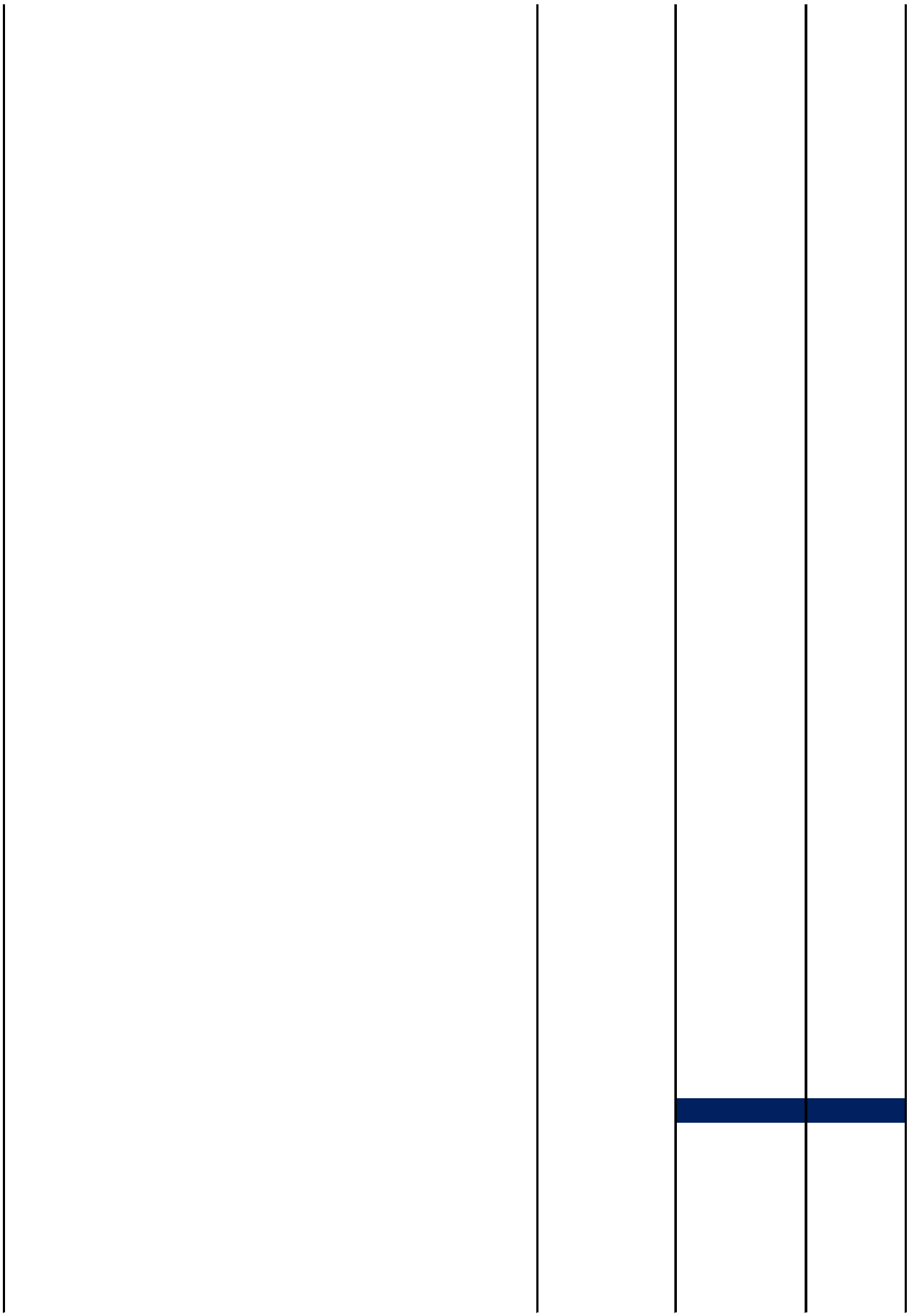
Measure	Measure ID	End Use (Dropdown)	Quantity
Air Sealing, Gas	G21B1a001	Envelope	45
Faucet Aerator, Gas	G21B1a002	Hot Water	0
Hand Held Showerhead, Gas	G21B1a003	Hot Water	0
Insulation, Gas	G21B1a004	Envelope	45
LED Bulb, General Service Lamps	G21B1a005	Lighting	0
LED Bulb, Linear	G21B1a006	Lighting	0
LED Bulb, Other Specialty	G21B1a007	Lighting	0
LED Bulb, Reflector	G21B1a008	Lighting	0
LED Fixture	G21B1a009	Lighting	0
Low Flow Showerhead, Gas	G21B1a010	Hot Water	0
Pipe Insulation - Hot Water, Gas	G21B1a011	Hot Water	0
Visual Audit	G21B1a012	Non-Energy Sa	0
Baseload Audit - SF	G21B1a013	Non-Energy Sa	0
Baseload Audit - MF	G21B1a014	Non-Energy Sa	0
Audit	0	Non-Energy Sa	0
Vendor Fees - Admin Support	0	Non-Energy Sa	0
			0
Nonprofit services	0	Non-Energy Sa	0
Wxn Projects	0	HVAC	0
			0
Boiler Replacement, Gas	G21B1b001	HVAC	6
Furnace Replacement, Gas	G21B1b002	HVAC	1
Programmable Thermostat, Gas	G21B1b003	HVAC	12
Wifi Thermostat, Gas	G21B1b004	HVAC	1
			0
Cooling, Electric, SF	G21A1a001	HVAC	0
Heating, Gas, SF	G21A1a002	HVAC	64
Hot Water, Gas, SF	G21A1a003	Hot Water	50
Cooling, Electric, MF	G21A1a002	HVAC	0
Heating, Gas, MF	G21A1a005	HVAC	32
Hot Water, Gas, MF	G21A1a006	Hot Water	25
LED Bulb	G21A1a007	Lighting	0
LED Fixture	G21A1a008	Lighting	0
Clothes Washer	G21A1a009	Hot Water	0
HERS Rater Fee - SF	0	Non-Energy Sa	64
HERS Rater Fee - MF	0	Non-Energy Sa	32
Residential New Construction Code Compliance	G21A1a010	HVAC	0
			0
Air Sealing, Gas	G21A2a001	Envelope	32
Faucet Aerator, Gas	G21A2a002	Hot Water	8
Hand Held Showerhead, Gas	G21A2a003	Hot Water	8
Insulation, Gas	G21A2a004	Envelope	43
LED Bulb, General Service Lamps	G21A2a005	Lighting	0
LED Bulb, Linear	G21A2a006	Lighting	0
LED Bulb, Other Specialty	G21A2a007	Lighting	0

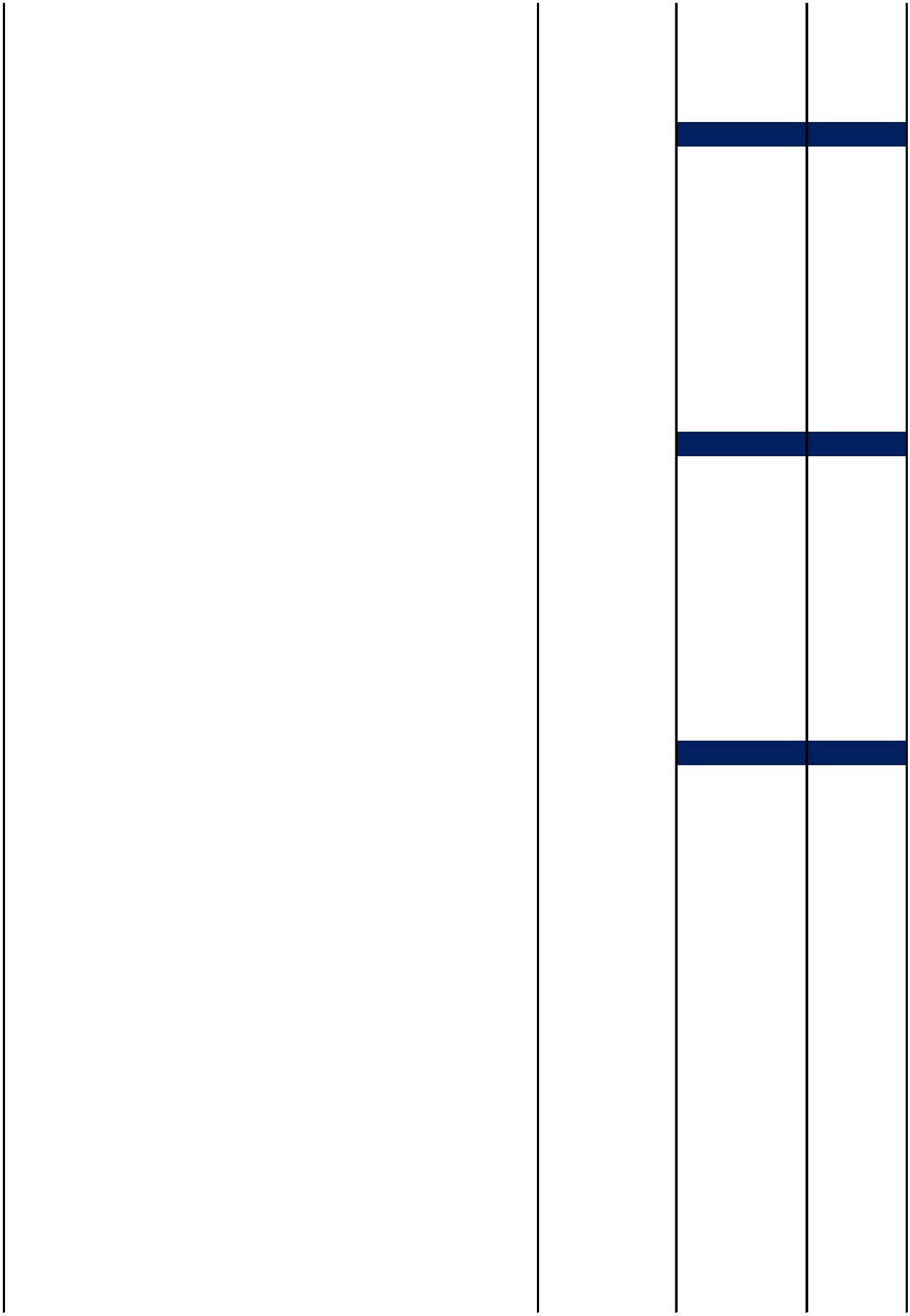
LED Bulb, Reflector	G21A2a008	Lighting	0
LED Fixture	G21A2a009	Lighting	0
Low Flow Showerhead, Gas	G21A2a010	Hot Water	0
Pipe Insulation - Hot Water, Gas	G21A2a011	Hot Water	0
Baseload Audit - Electric Savings	G21A2a012	Envelope	0
Baseload Audit - Thermal Savings	G21A2a013	Envelope	0
Visual Audit	G21A2a014	Envelope	30
Wxn Full audits and STAT		Non-Energy Sa	50
non-eneryg saving measure		Non-Energy Sa	0
Vendor Fees - Admin Support		Non-Energy Sa	0
Quality Assurance		Non-Energy Sa	0
3rd Party Financing - Interest Rate BuyDowns		Non-Energy Sa	0
			0
Boiler Replacement, Gas	G21A2b001	HVAC	0
Furnace Replacement, Gas	G21A2b002	HVAC	0
Programmable Thermostat, Gas	G21A2b003	HVAC	65
Wifi Thermostat, Gas	G21A2b004	HVAC	5
			0
Early Replacement Boiler, FHW - EE 90 AFUE (80%-90%)	G21A3b001	HVAC	0
Early Replacement Boiler, FHW - Retirement: 90 AFUE (65%-	G21A3b002	HVAC	0
Early Replacement Boiler, Steam - EE: 82%+ AFUE	G21A3b003	HVAC	0
Early Replacement Boiler, Steam - Retirement: 82%+ AFUE	G21A3b004	HVAC	0
Boiler Reset Controls	G21A3b005	HVAC	10
Condensing Boiler >= 90% AFUE (Up to 300 MBH)	G21A3b006	HVAC	0
Condensing Boiler >= 95% AFUE (Up to 300 MBH)	G21A3b007	HVAC	35
Furnace 95+ AFUE (<150) w/ECM Motor	G21A3b008	HVAC	40
Furnace 97+ AFUE (<150) w/ECM Motor	G21A3b009	HVAC	40
Heat Recovery Ventilator (-133 kWh penalty)	G21A3b010	HVAC	1
Programmable Thermostat	G21A3b011	HVAC	0
Indirect Water Heater (attached to ES FHW Boiler; Combined	G21A3b012	Hot Water	0
Integrated Water Heater w/Condensing Boiler >= 90% AFUE	G21A3b013	Hot Water	1
Integrated Water Heater w/Condensing Boiler >= 95% AFUE	G21A3b014	Hot Water	23
Condensing Water Heater (EF 0.95)	G21A3b015	Hot Water	0
Stand Alone Storage Tank Water Heater (EF 0.67)	G21A3b016	Hot Water	0
Tankless On-Demand Water Heater, >= .82	G21A3b017	Hot Water	0
Tankless On-Demand Water Heater, >= .94	G21A3b018	Hot Water	15
WiFi Thermostat (Heating Only)	G21A3b019	HVAC	10
WiFi Thermostat (Heating & Cooling)	G21A3b020	HVAC	15
ES Appliances Rebate Processing		Non-Energy Sa	12
Admin Fees		Non-Energy Sa	13
			0
			0
Home Energy Reports		Behavior	11,200
			0
Custom Large Hot Water Retro	G21C1a001	Hot Water	0
Custom Large HVAC Retro	G21C1a002	HVAC	7
Custom Large Other Retro	G21C1a003	Custom Measu	9
Custom Large Process Retro	G21C1a004	Process	5
Faucet Aerator, Gas	G21C1a005	Hot Water	0
Low Flow Showerhead With Thermostatic Valve, Gas	G21C1a006	Hot Water	0
Low Flow Showerhead, Gas	G21C1a007	Hot Water	0
Pipe Wrap - Hot Water, Gas	G21C1a008	Hot Water	0
Pre Rinse Spray Valve, Gas	G21C1a009	Hot Water	0
Boiler Reset Controls, Gas	G21C1a010	HVAC	0
Boiler Tune-Ups	G21C1a011	HVAC	0

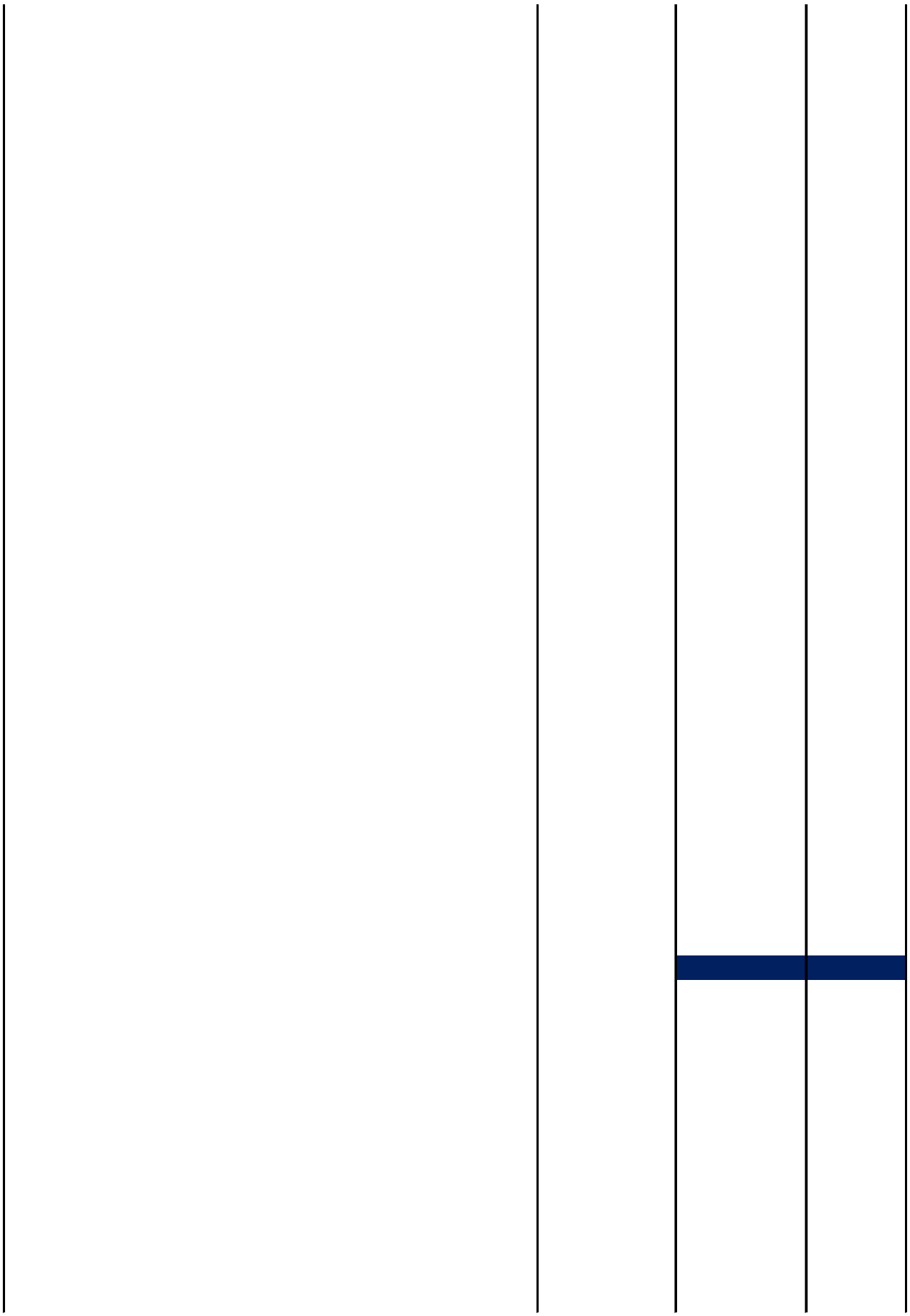
Energy Management System, Gas	G21C1a012		HVAC	0
Pipe Insulation - Heating, Gas	G21C1a013		HVAC	0
Steam Trap, Gas	G21C1a014		HVAC	0
Programmable Thermostat, Gas	G21C1a015		HVAC	0
WiFi Thermostat (Heating & Cooling)	G21C1a016		HVAC	0
Vendor Fees			Non-Energy Sa	0
				0
				0
				0
				0
Vendor Fees - TA Studies		0	Non-Energy Sa	0
CI Audits - Large Retro		0	Non-Energy Sa	2
				0
Custom Large Hot Water New	G21C1b001		Hot Water	3
Custom Large HVAC New	G21C1b002		HVAC	2
Custom Large Other New	G21C1b003		Custom Measu	2
Custom Large Process New	G21C1b004		Process	0
Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C1b005		HVAC	3
Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C1b006		HVAC	1
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C1b007		HVAC	2
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C1b008		HVAC	4
Boiler to 300 MBH 90 AFUE, Gas	G21C1b009		HVAC	0
Boiler to 300 MBH 95 AFUE, Gas	G21C1b010		HVAC	0
Combo Condensing Boiler / Water Heater, Gas	G21C1b011		HVAC	0
Combo Furnace / Water Heater, Gas	G21C1b012		HVAC	0
Condensing Unit Heater, Gas	G21C1b013		HVAC	0
Furnace w/ ECM 95 AFUE, Gas	G21C1b014		HVAC	0
Furnace w/ ECM 97 AFUE, Gas	G21C1b015		HVAC	0
Infrared Heater, Gas	G21C1b016		HVAC	10
Faucet Aerator, Gas	G21C1b017		Hot Water	0
Low Flow Showerhead With Thermostatic Valve, Gas	G21C1b018		Hot Water	0
Low Flow Showerhead, Gas	G21C1b019		Hot Water	0
Pre Rinse Spray Valve, Gas	G21C1b020		Hot Water	55
Combination Oven, Gas	G21C1b021		Food Service	0
Convection Oven, Gas	G21C1b022		Food Service	1
Conveyor Oven, Gas	G21C1b023		Food Service	0
Fryer, Gas	G21C1b024		Food Service	7
Griddle, Gas	G21C1b025		Food Service	0
Rack Oven, Gas	G21C1b026		Food Service	0
Steam Cooker, Gas	G21C1b027		Food Service	0
				0
				0
				0
				0
C&I Large New Construction Code Compliance	G21C1b028		HVAC	1
Vendor Fees - TA Studies			Non-Energy Sa	0
				0
				0
CI Audits - Large New			Non-Energy Sa	0
Midstream Water Heater, Condensing Gas	G21C1c012		Hot Water	1
Midstream Combination Oven, Gas	G21C1c001		Food Service	0
Midstream Convection Oven, Gas	G21C1c002		Food Service	1
Midstream Conveyor Oven, Gas	G21C1c003		Food Service	0
Midstream Fryer, Gas	G21C1c004		Food Service	1
Midstream Griddle, Gas	G21C1c005		Food Service	0

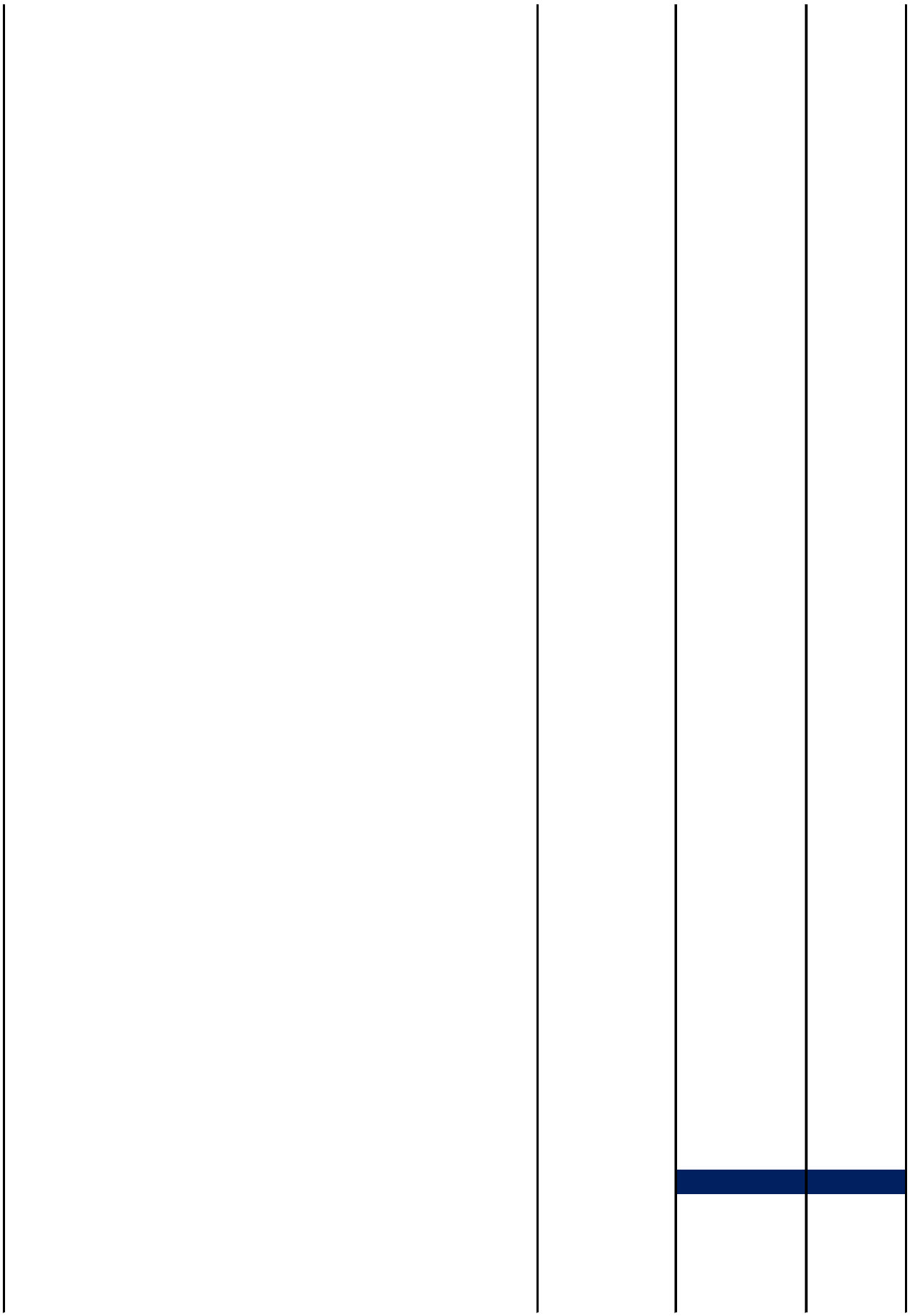
Midstream Pre-Rinse Spray Valve, Gas	G21C1c006	Food Service	0
Midstream Rack Oven, Gas	G21C1c007	Food Service	0
Midstream Steam Cooker, Gas	G21C1c008	Food Service	0
Midstream Indirect Water Heater, Gas	G21C1c009	Hot Water	1
Midstream On Demand Tankless Water Heater, Gas	G21C1c010	Hot Water	1
Midstream Volume Water Heater, Gas	G21C1c011	Hot Water	1
Midstream Rebate Processing		Non-Energy Sa	0
			0
Custom Small Hot Water Retro	G21C2a001	Hot Water	0
Custom Small HVAC Retro	G21C2a002	HVAC	12
Custom Small Other Retro	G21C2a003	Custom Measu	10
Custom Small Process Retro	G21C2a004	Process	8
Faucet Aerator, Gas	G21C2a005	Hot Water	50
Low Flow Showerhead With Thermostatic Valve, Gas	G21C2a006	Hot Water	0
Low Flow Showerhead, Gas	G21C2a007	Hot Water	50
Pipe Wrap - Hot Water, Gas	G21C2a008	Hot Water	0
Pre Rinse Spray Valve, Gas	G21C2a009	Hot Water	0
Boiler Reset Controls, Gas	G21C2a010	HVAC	30
Boiler Tune-Ups	G21C2a011	HVAC	0
Energy Management System, Gas	G21C2a012	HVAC	0
Pipe Insulation - Heating, Gas	G21C2a013	HVAC	0
Steam Trap, Gas	G21C2a014	HVAC	15
Programmable Thermostat, Gas	G21C2a015	HVAC	60
Vendor Fees		Non-Energy Sa	1
			0
			0
			0
			0
Vendor Fees - TA Studies	0	Non-Energy Sa	0
CI Audits - Small Retro	0	Non-Energy Sa	0
			0
Custom Small Hot Water New	G21C2b001	Hot Water	16
Custom Small HVAC New	G21C2b002	HVAC	7
Custom Small Other New	G21C2b003	Custom Measu	0
Custom Small Process New	G21C2b004	Process	0
Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C2b005	HVAC	1
Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C2b006	HVAC	2
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C2b007	HVAC	5
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C2b008	HVAC	5
Boiler to 300 MBH 90 AFUE, Gas	G21C2b009	HVAC	5
Boiler to 300 MBH 95 AFUE, Gas	G21C2b010	HVAC	10
Combo Condensing Boiler / Water Heater, Gas	G21C2b011	HVAC	0
Combo Furnace / Water Heater, Gas	G21C2b012	HVAC	0
Condensing Unit Heater, Gas	G21C2b013	HVAC	2
Furnace w/ ECM 95 AFUE, Gas	G21C2b014	HVAC	0
Furnace w/ ECM 97 AFUE, Gas	G21C2b015	HVAC	0
Infrared Heater, Gas	G21C2b016	HVAC	10
Faucet Aerator, Gas	G21C2b017	Hot Water	130
Low Flow Showerhead With Thermostatic Valve, Gas	G21C2b018	Hot Water	0
Low Flow Showerhead, Gas	G21C2b019	Hot Water	0
Pre Rinse Spray Valve, Gas	G21C2b020	Hot Water	0
Combination Oven, Gas	G21C2b021	Food Service	5
Convection Oven, Gas	G21C2b022	Food Service	2
Conveyor Oven, Gas	G21C2b023	Food Service	0

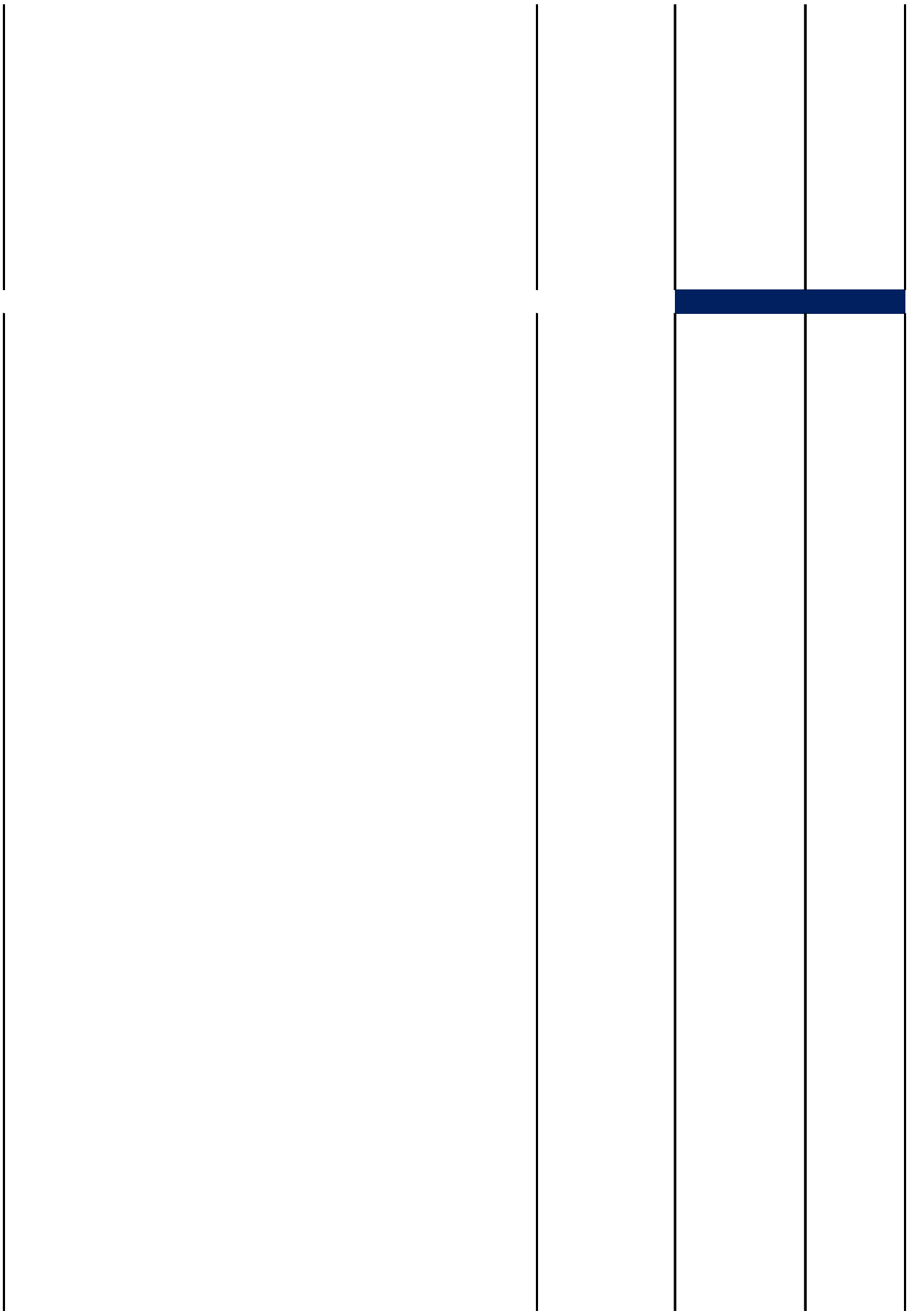
Fryer, Gas	G21C2b024		Food Service	5
Griddle, Gas	G21C2b025		Food Service	3
Rack Oven, Gas	G21C2b026		Food Service	2
Steam Cooker, Gas	G21C2b027		Food Service	1
Vendor Fees			Non-Energy Sa	0
onstruction				0
onstruction				0
onstruction				0
C&I Small New Construction Code Compliance	G21C2b028		HVAC	0
Vendor Fees - TA Studies		0	Non-Energy Sa	3
onstruction				0
onstruction				0
CI Audits - Small New		0	Non-Energy Sa	0
onstruction				0
onstruction				0
Midstream Combination Oven, Gas	G21C2c001		Food Service	1
Midstream Convection Oven, Gas	G21C2c002		Food Service	1
Midstream Conveyor Oven, Gas	G21C2c003		Food Service	0
Midstream Fryer, Gas	G21C2c004		Food Service	2
Midstream Griddle, Gas	G21C2c005		Food Service	0
Midstream Pre-Rinse Spray Valve, Gas	G21C2c006		Food Service	0
Midstream Rack Oven, Gas	G21C2c007		Food Service	0
Midstream Steam Cooker, Gas	G21C2c008		Food Service	0
Midstream Indirect Water Heater, Gas	G21C2c009		Hot Water	2
Midstream On Demand Tankless Water Heater, Gas	G21C2c010		Hot Water	3
Midstream Volume Water Heater, Gas	G21C2c011		Hot Water	1
Midstream Water Heater, Condensing Gas	G21C2c012		Hot Water	1
Midstream Rebate Processing			Non-Energy Sa	1
				0
				0
				0
				0
				0
x	x		x	x

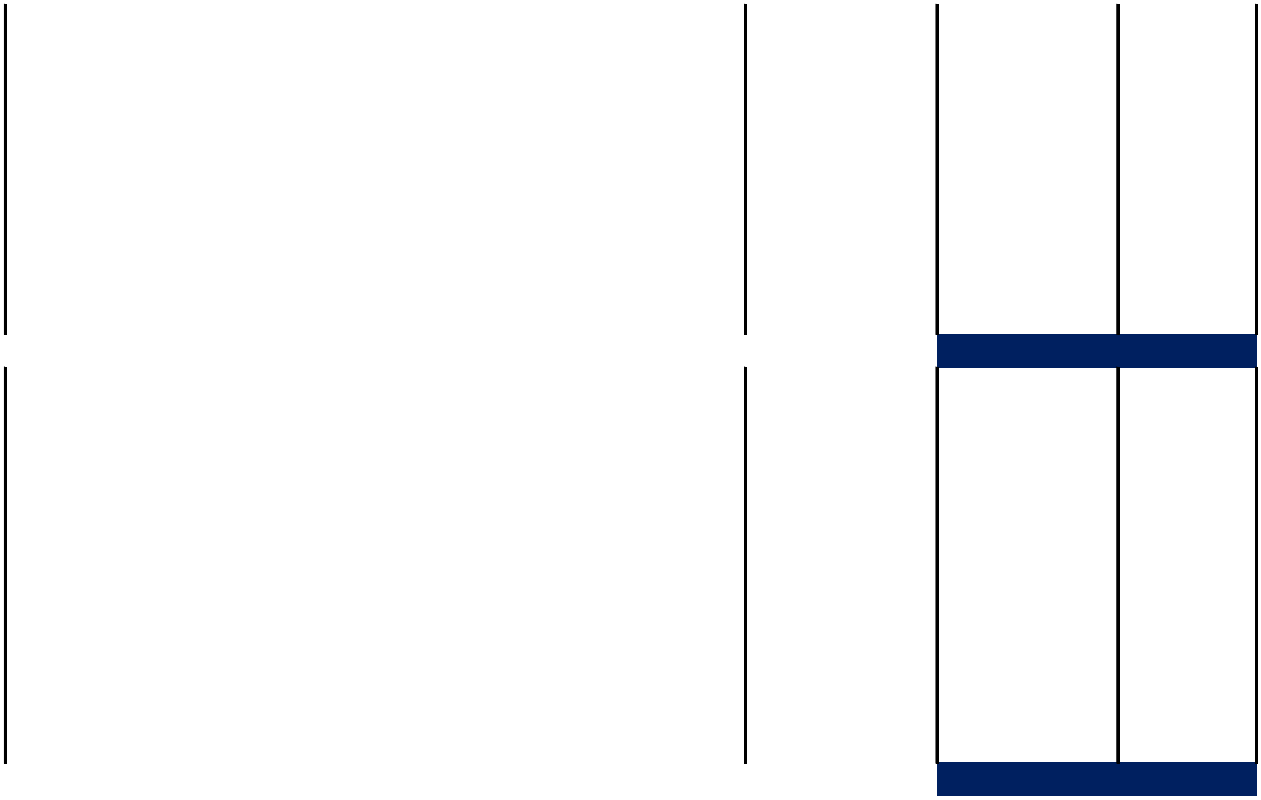












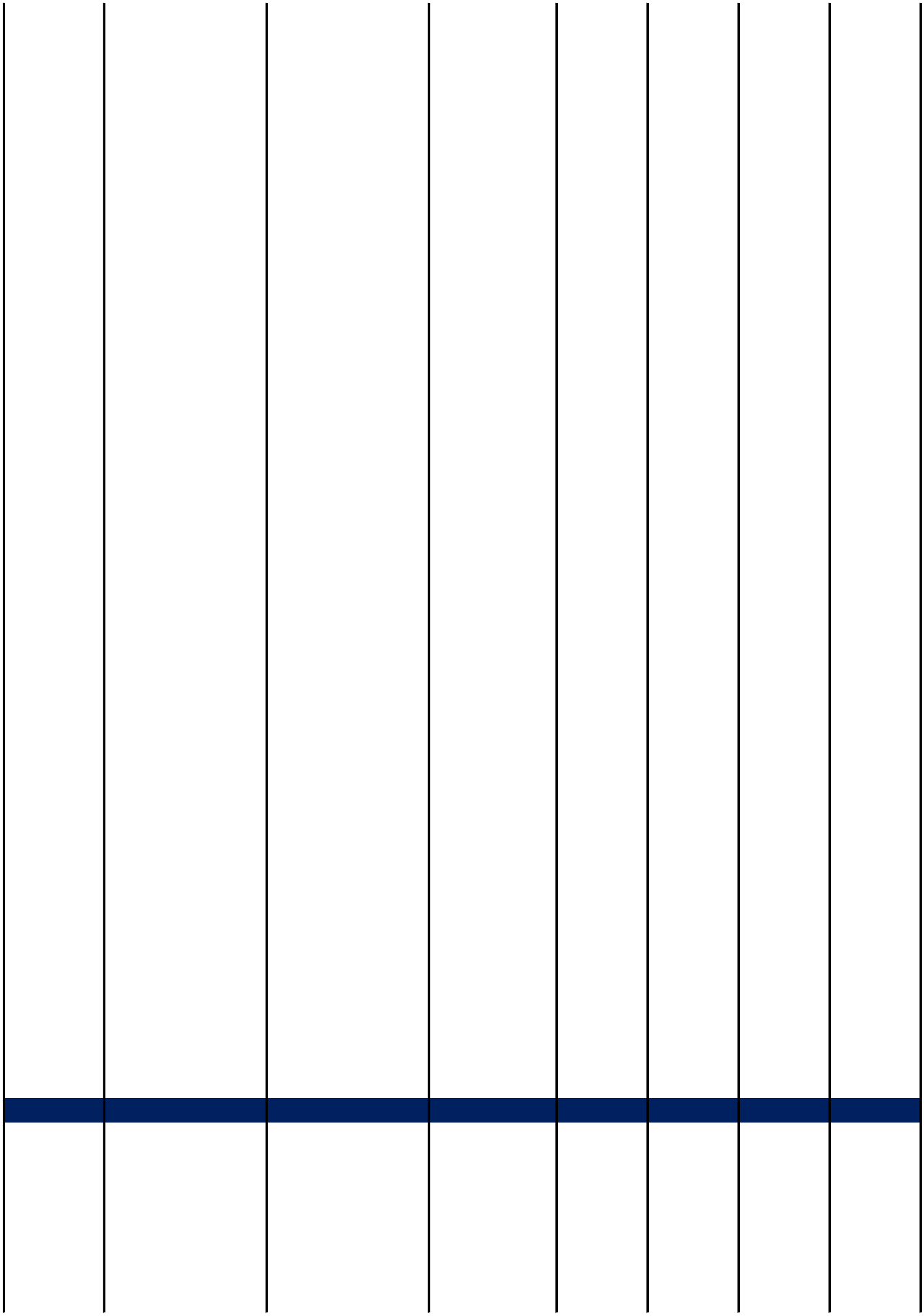
							Im
Measure Life	Total Resource Cost	Incentive	Customer Cost	Free-Ridership Rate	Spillover [Participant] Rate	Spillover [Non-Participant] Rate	Net to Gross
15.0	$ 500.00	$ 500.00	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ 25.00	$ 25.00	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ 31.00	$ 31.00	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ 5,000.00	$ 5,000.00	$ -	0.0%	0.0%	0.0%	100.0%
2.0	$ 15.00	$ 15.00	$ -	0.0%	0.0%	0.0%	100.0%
10.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
2.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
2.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
2.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 50.00	$ 50.00	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
0.0			$ -	0.0%	0.0%	0.0%	100.0%
22.0	$ 6,000.00	$ 6,000.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
19.0	$ 10,000.00	$ 10,000.00	$ -	0.0%	0.0%	0.0%	100.0%
17.0	$ 10,000.00	$ 10,000.00	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 150.00	$ 150.00	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 225.00	$ 225.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
25.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ 2,922.00	$ 1,750.00	$ 1,172.00	0.0%	0.0%	0.0%	100.0%
15.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ 2,000.00	$ 700.00	$ 1,300.00	0.0%	0.0%	0.0%	100.0%
15.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
5.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
5.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
11.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ 1,500.00	$ 1,500.00	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ 500.00	$ 500.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
15.0	$ 766.67	$ 575.00	$ 191.67	0.0%	0.0%	0.0%	100.0%
7.0	$ 12.99	$ 12.99	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ 22.18	$ 22.18	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ 6,249.00	$ 4,520.00	$ 1,729.00	0.0%	0.0%	0.0%	100.0%
2.0	$ 9.00	$ 9.00	$ -	0.0%	0.0%	0.0%	100.0%
10.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
2.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%

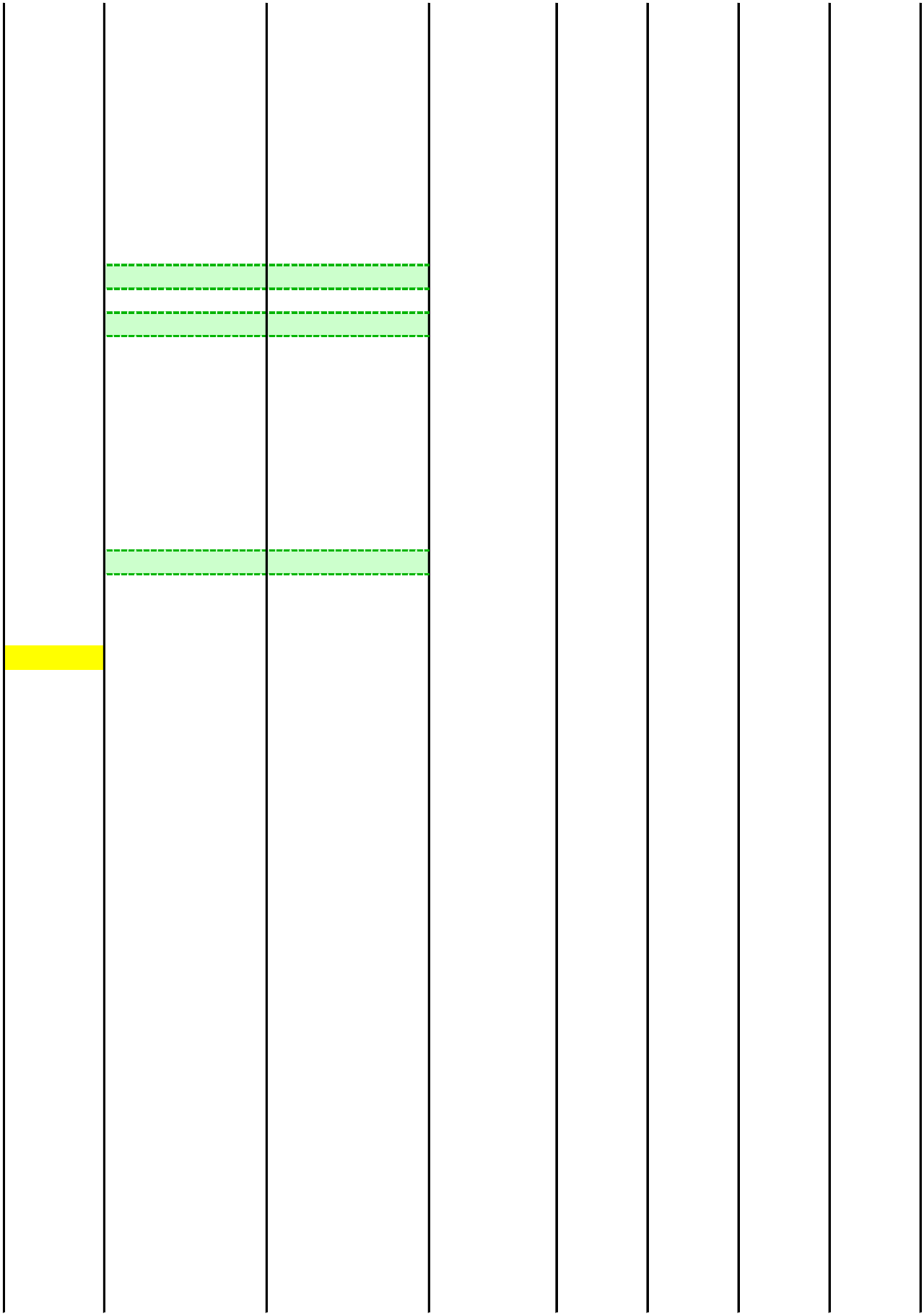
2.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
2.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 150.00	$ 112.00	$ 38.00	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ 150.00	$ 150.00	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ 800.00	$ 800.00	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
19.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
17.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 375.00	$ 375.00	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 375.00	$ 375.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
19.0			$ -	0.0%	0.0%	0.0%	100.0%
19.0			$ -	0.0%	0.0%	0.0%	100.0%
19.0			$ -	0.0%	0.0%	0.0%	100.0%
19.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 300.00	$ 225.00	$ 75.00	0.0%	0.0%	0.0%	100.0%
19.0	$ 2,342.00	$ 1,000.00	$ 1,342.00	0.0%	0.0%	0.0%	100.0%
19.0	$ 2,400.00	$ 1,500.00	$ 900.00	0.0%	0.0%	0.0%	100.0%
17.0	$ 921.00	$ 300.00	$ 621.00	0.0%	0.0%	0.0%	100.0%
17.0	$ 1,083.00	$ 450.00	$ 633.00	0.0%	0.0%	0.0%	100.0%
20.0	$ 960.00	$ 500.00	$ 460.00	0.0%	0.0%	0.0%	100.0%
15.0	$ 92.00	$ 25.00	$ 67.00	0.0%	0.0%	0.0%	100.0%
20.0	$ 1,749.00	$ 400.00	$ 1,349.00	0.0%	0.0%	0.0%	100.0%
19.0	$ 1,728.48	$ 1,000.00	$ 728.48	0.0%	0.0%	0.0%	100.0%
19.0	$ 3,365.27	$ 1,000.00	$ 2,365.27	0.0%	0.0%	0.0%	100.0%
15.0	$ 685.00	$ 500.00	$ 185.00	0.0%	0.0%	0.0%	100.0%
13.0	$ 400.00	$ 100.00	$ 300.00	0.0%	0.0%	0.0%	100.0%
19.0	$ 1,198.00	$ 500.00	$ 698.00	0.0%	0.0%	0.0%	100.0%
19.0	$ 1,035.25	$ 500.00	$ 535.25	0.0%	0.0%	0.0%	100.0%
15.0	$ 268.00	$ 85.00	$ 183.00	0.0%	0.0%	0.0%	100.0%
15.0	$ 268.00	$ 85.00	$ 183.00	0.0%	0.0%	0.0%	100.0%
1.0	$ 834.10	$ 834.10	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
1.0	$ 3.00	$ 3.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
10.0	$ 4,135.00	$ 2,300.00	$ 1,835.00	0.0%	0.0%	0.0%	100.0%
20.0	$ 34,375.00	$ 6,875.00	$ 27,500.00	0.0%	0.0%	0.0%	100.0%
13.0	$ 30,000.00	$ 15,000.00	$ 15,000.00	0.0%	0.0%	0.0%	100.0%
13.0	$ 80,660.00	$ 40,660.00	$ 40,000.00	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
8.0	$ 285.00	$ 142.50	$ 142.50	0.0%	0.0%	0.0%	100.0%
15.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%

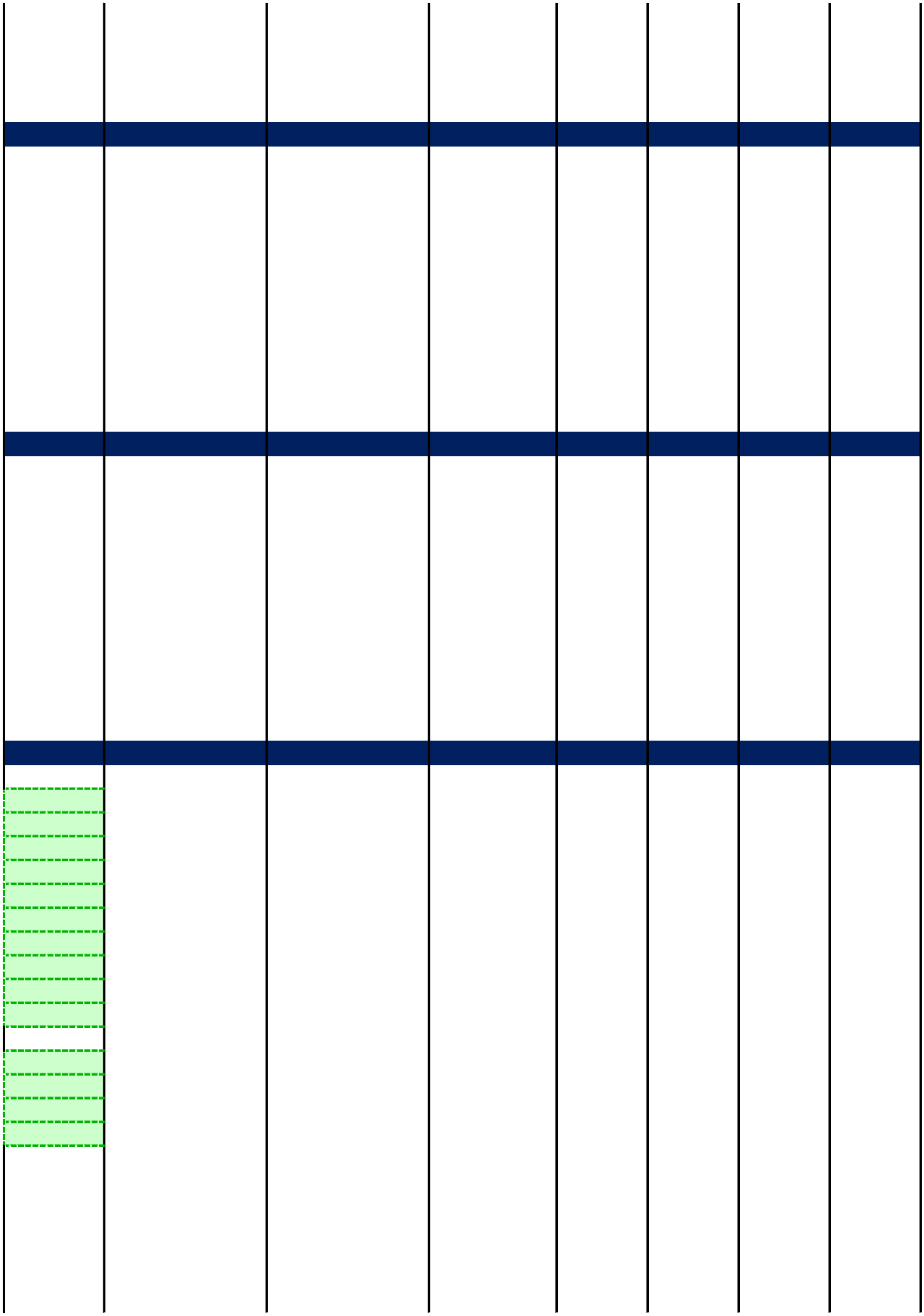
15.0	$ 21,937.50	$ 5,441.50	$ 16,496.00	0.0%	0.0%	0.0%	100.0%
15.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
6.0	$ 250.00	$ 100.00	$ 150.00	0.0%	0.0%	0.0%	100.0%
15.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
			$ -				
			$ -				
1.0			$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ 20,000.00	$ 10,000.00	$ 10,000.00	0.0%	0.0%	0.0%	100.0%
			$ -				
10.0	$ 4,135.00	$ 2,300.00	$ 1,835.00	0.0%	0.0%	0.0%	100.0%
18.0	$ 34,375.00	$ 6,875.00	$ 27,500.00	0.0%	0.0%	0.0%	100.0%
13.0	$ 30,000.00	$ 15,000.00	$ 15,000.00	0.0%	0.0%	0.0%	100.0%
13.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ 10,601.00	$ 10,000.00	$ 601.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 7,874.00	$ 7,500.00	$ 374.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 5,077.00	$ 4,000.00	$ 1,077.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 3,879.00	$ 2,000.00	$ 1,879.00	0.0%	0.0%	0.0%	100.0%
25.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
18.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
18.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
18.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
18.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
17.0	$ 2,982.00	$ 750.00	$ 2,232.00	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
8.0	$ 285.00	$ 142.50	$ 142.50	0.0%	0.0%	0.0%	100.0%
12.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
12.0	$ 1,886.00	$ 1,200.00	$ 686.00	0.0%	0.0%	0.0%	100.0%
12.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
12.0	$ 3,400.00	$ 1,200.00	$ 2,200.00	0.0%	0.0%	0.0%	100.0%
12.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
12.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
12.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
			$ -				
			$ -				
20.0	$ 3,235.05	$ 3,235.05	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ 1,200.00	$ 850.00	$ 350.00	70.0%	0.0%	0.0%	30.0%
12.0	$ 1,300.00	$ 1,000.00	$ 300.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 1,886.00	$ 1,200.00	$ 686.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 2,100.00	$ 1,000.00	$ 1,100.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 3,400.00	$ 1,200.00	$ 2,200.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 1,165.00	$ 500.00	$ 665.00	23.7%	7.0%	0.0%	83.3%

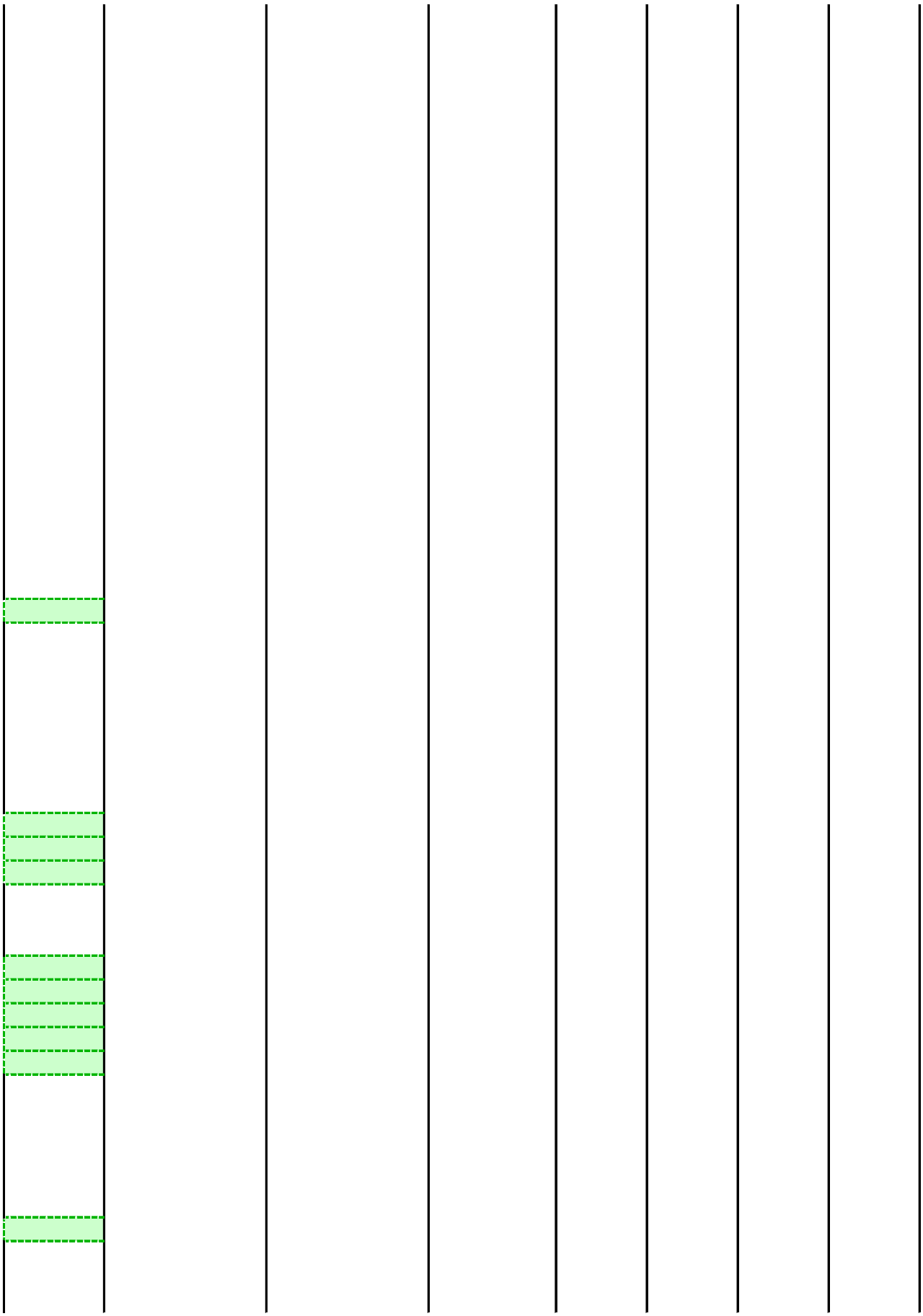
8.0	$ 130.00	$ 60.00	$ 70.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 4,000.00	$ 1,200.00	$ 2,800.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 2,000.00	$ 1,000.00	$ 1,000.00	23.7%	7.0%	0.0%	83.3%
15.0	$ 1,084.00	$ 400.00	$ 684.00	70.0%	0.0%	0.0%	30.0%
20.0	$ 4,135.00	$ 2,300.00	$ 1,835.00	40.0%	0.0%	0.0%	60.0%
15.0	$ 4,352.00	$ 1,700.00	$ 2,652.00	40.0%	0.0%	0.0%	60.0%
1.0	$ 181,696.72	$ 181,696.72	$ -	0.0%	0.0%	0.0%	100.0%
0.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
10.0	$ 6,250.00	$ 5,000.00	$ 1,250.00	0.0%	0.0%	0.0%	100.0%
14.0	$ 18,750.00	$ 15,000.00	$ 3,750.00	0.0%	0.0%	0.0%	100.0%
15.0	$ 10,000.00	$ 8,000.00	$ 2,000.00	0.0%	0.0%	0.0%	100.0%
20.0	$ 3,750.00	$ 3,000.00	$ 750.00	0.0%	0.0%	0.0%	100.0%
7.0	$ 7.00	$ 7.00	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ 40.00	$ 40.00	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
8.0	$ 285.00	$ 142.50	$ 142.50	0.0%	0.0%	0.0%	100.0%
15.0	$ 1,200.00	$ 225.00	$ 975.00	0.0%	0.0%	0.0%	100.0%
0.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
0.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
15.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
6.0	$ 200.00	$ 150.00	$ 50.00	0.0%	0.0%	0.0%	100.0%
15.0	$ 85.00	$ 85.00	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ 10,000.00	$ 10,000.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
			$ -				
			$ -				
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
0.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
12.0	$ 1,875.00	$ 1,500.00	$ 375.00	0.0%	0.0%	0.0%	100.0%
14.0	$ 8,593.75	$ 6,875.00	$ 1,718.75	0.0%	0.0%	0.0%	100.0%
0.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
0.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
25.0	$ 10,601.00	$ 10,000.00	$ 601.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 7,874.00	$ 7,500.00	$ 374.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 5,077.00	$ 4,000.00	$ 1,077.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 3,879.00	$ 2,000.00	$ 1,879.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 3,479.00	$ 1,000.00	$ 2,479.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 3,848.00	$ 1,500.00	$ 2,348.00	0.0%	0.0%	0.0%	100.0%
25.0	$ 2,910.00	$ 1,600.00	$ 1,310.00	0.0%	0.0%	0.0%	100.0%
18.0	$ 995.00	$ 950.00	$ 45.00	0.0%	0.0%	0.0%	100.0%
18.0	$ 2,400.00	$ 750.00	$ 1,650.00	0.0%	0.0%	0.0%	100.0%
18.0	$ 1,132.00	$ 300.00	$ 832.00	0.0%	0.0%	0.0%	100.0%
18.0	$ 1,294.00	$ 600.00	$ 694.00	0.0%	0.0%	0.0%	100.0%
17.0	$ 2,982.00	$ 750.00	$ 2,232.00	0.0%	0.0%	0.0%	100.0%
10.0	$ 15.00	$ 15.00	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ -	$ -	$ -	0.0%	0.0%	0.0%	100.0%
7.0	$ 66.25	$ -	$ 66.25	0.0%	0.0%	0.0%	100.0%
8.0	$ 285.00	$ 142.50	$ 142.50	0.0%	0.0%	0.0%	100.0%
12.0	$ 1,300.00	$ 1,000.00	$ 300.00	0.0%	0.0%	0.0%	100.0%
12.0	$ 1,886.00	$ 1,000.00	$ 886.00	0.0%	0.0%	0.0%	100.0%
12.0	$ 2,100.00	$ 1,000.00	$ 1,100.00	0.0%	0.0%	0.0%	100.0%

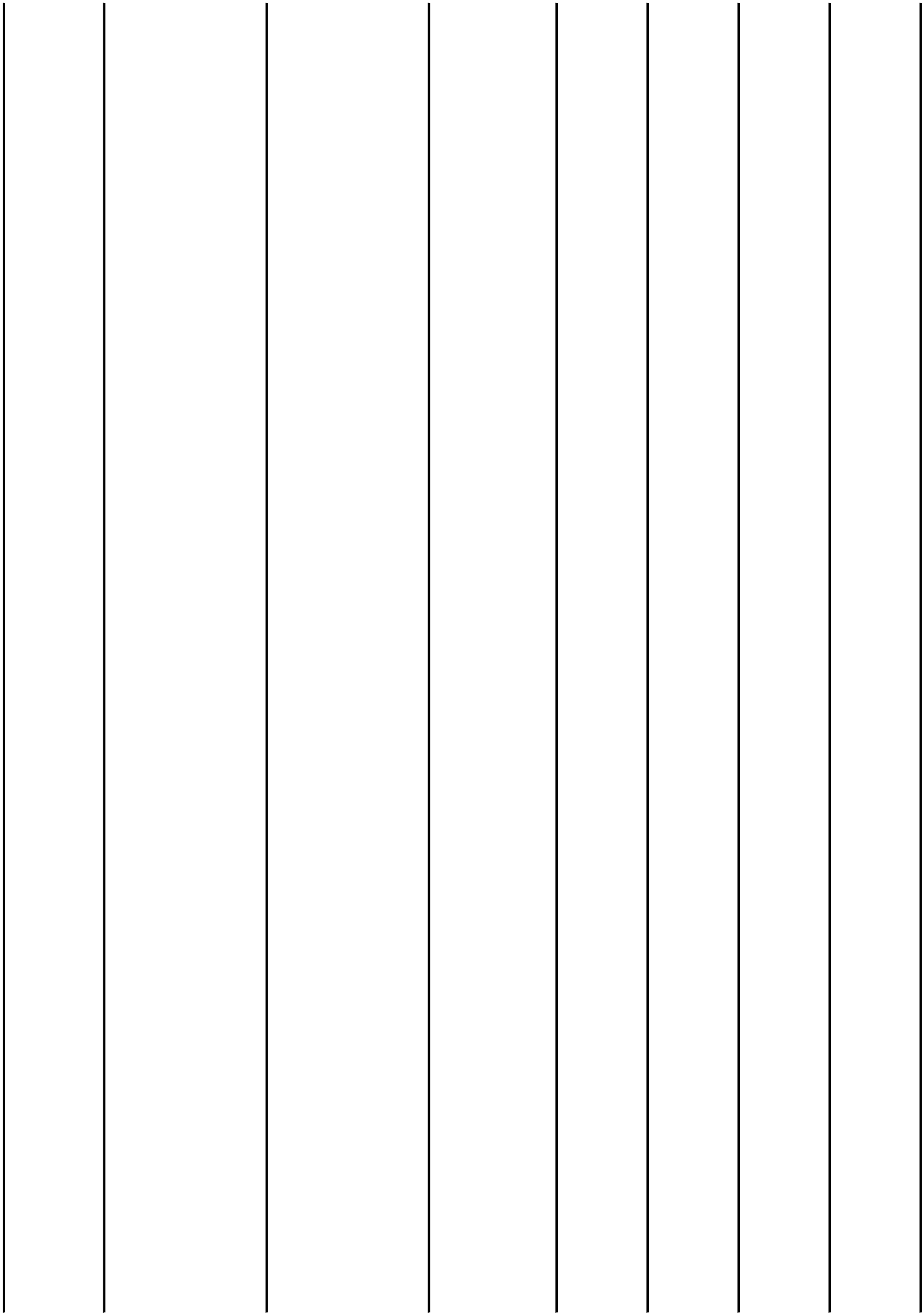
12.0	$ 3,400.00	$ 1,000.00	$ 2,400.00	0.0%	0.0%	0.0%	100.0%
12.0	$ 1,165.00	$ 500.00	$ 665.00	0.0%	0.0%	0.0%	100.0%
12.0	$ 4,000.00	$ 1,000.00	$ 3,000.00	0.0%	0.0%	0.0%	100.0%
12.0	$ 2,000.00	$ 1,000.00	$ 1,000.00	0.0%	0.0%	0.0%	100.0%
1.0	$ 2,000.00	$ 2,000.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
			$ -				
20.0	$ 1,741.95	$ 1,741.95	$ -	0.0%	0.0%	0.0%	100.0%
1.0	$ 8,000.00	$ 8,000.00	$ -	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
1.0	$ 3,000.00	$ 2,000.00	$ 1,000.00	0.0%	0.0%	0.0%	100.0%
			$ -				
			$ -				
12.0	$ 1,300.00	$ 1,000.00	$ 300.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 1,886.00	$ 1,200.00	$ 686.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 2,100.00	$ 1,000.00	$ 1,100.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 3,400.00	$ 1,200.00	$ 2,200.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 1,165.00	$ 500.00	$ 665.00	23.7%	7.0%	0.0%	83.3%
8.0	$ 130.00	$ 60.00	$ 70.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 4,000.00	$ 1,200.00	$ 2,800.00	23.7%	7.0%	0.0%	83.3%
12.0	$ 2,000.00	$ 1,000.00	$ 1,000.00	23.7%	7.0%	0.0%	83.3%
15.0	$ 1,084.00	$ 400.00	$ 684.00	70.0%	0.0%	0.0%	30.0%
20.0	$ 589.44	$ 384.00	$ 205.44	40.0%	0.0%	0.0%	60.0%
15.0	$ 4,352.00	$ 1,700.00	$ 2,652.00	40.0%	0.0%	0.0%	60.0%
15.0	$ 1,186.90	$ 237.72	$ 949.18	70.0%	0.0%	0.0%	30.0%
1.0	$ 7,916.70	$ 7,916.70	$ -	0.0%	0.0%	0.0%	100.0%
x	x	x	x	x	x	x	x

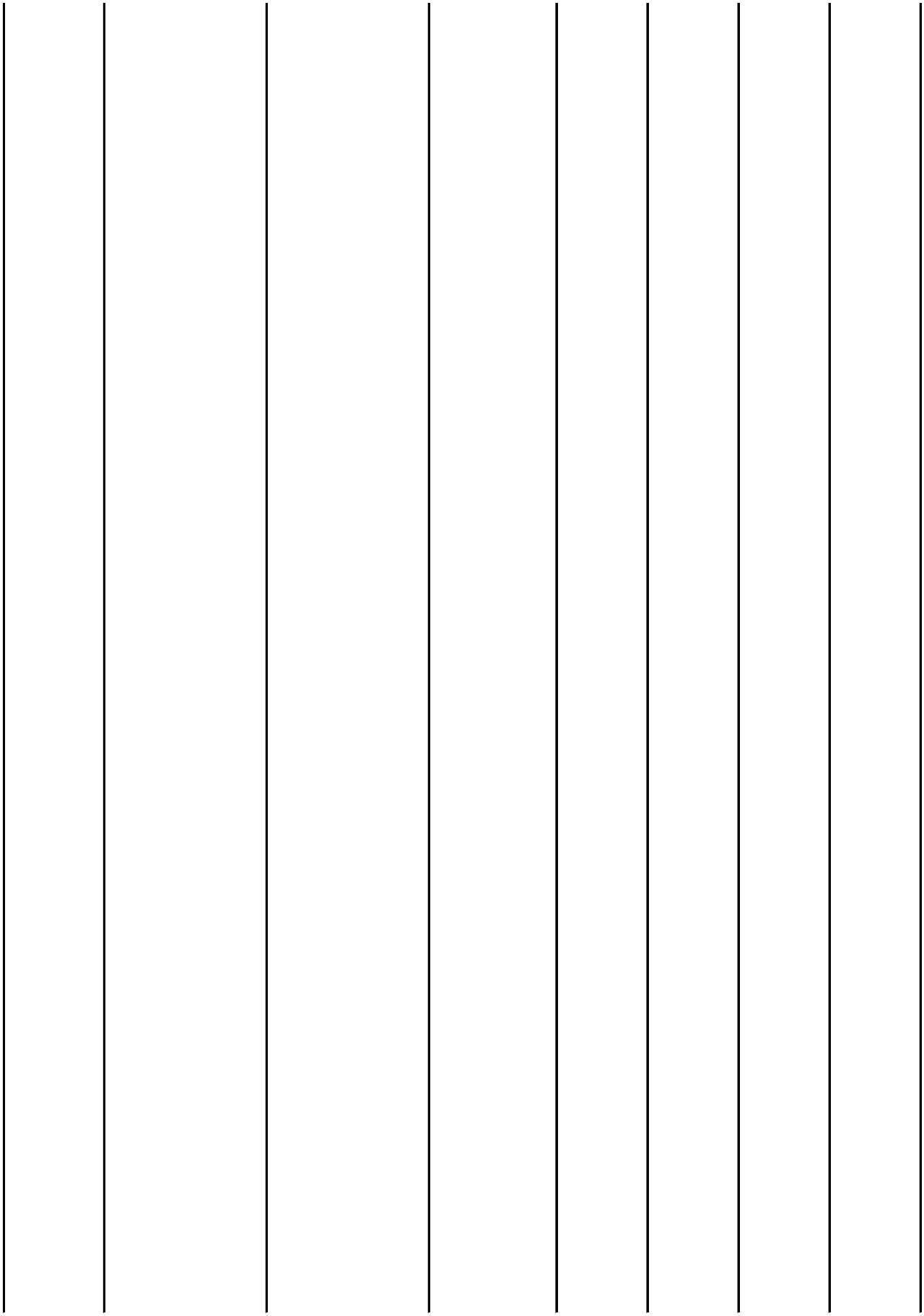


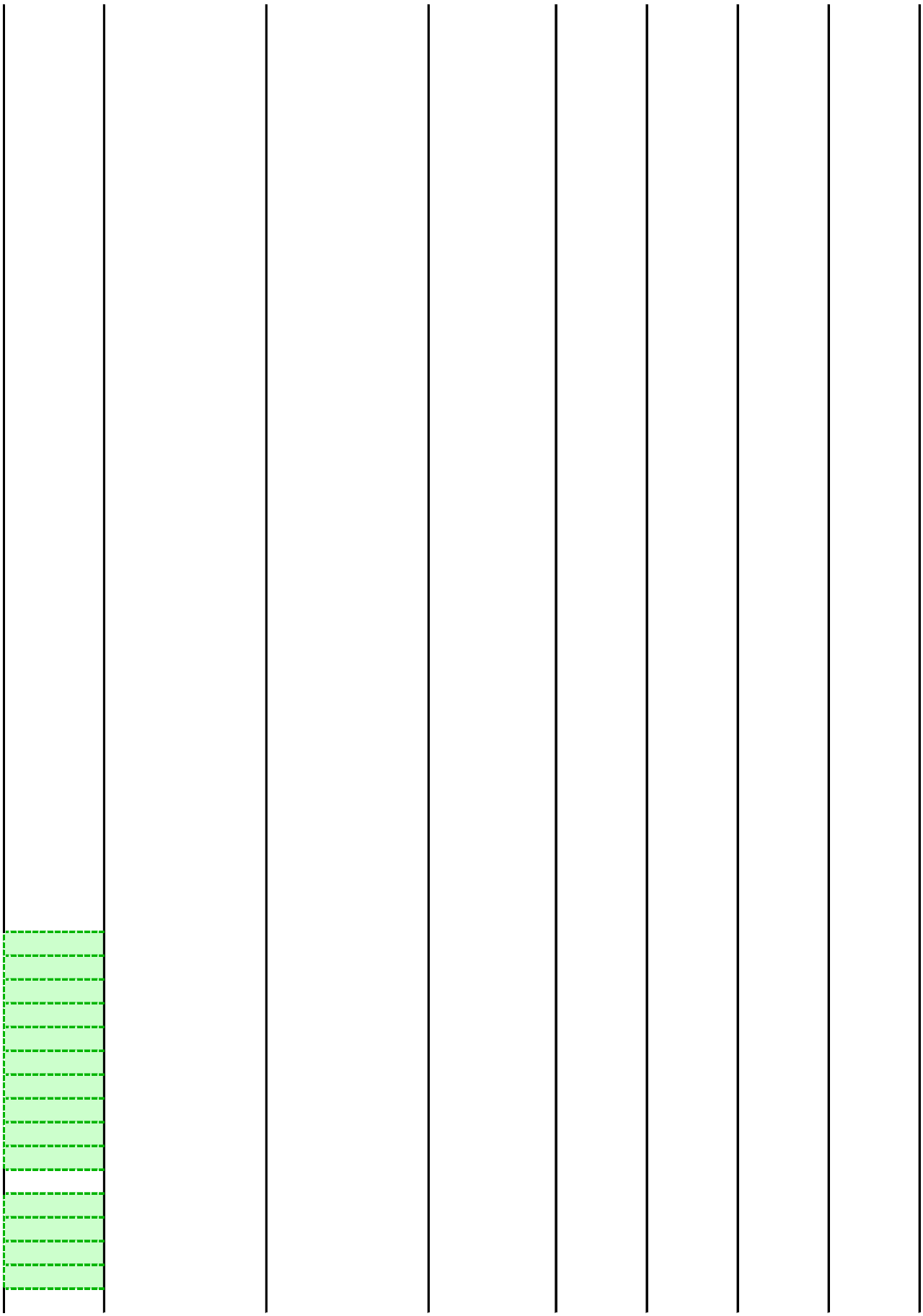


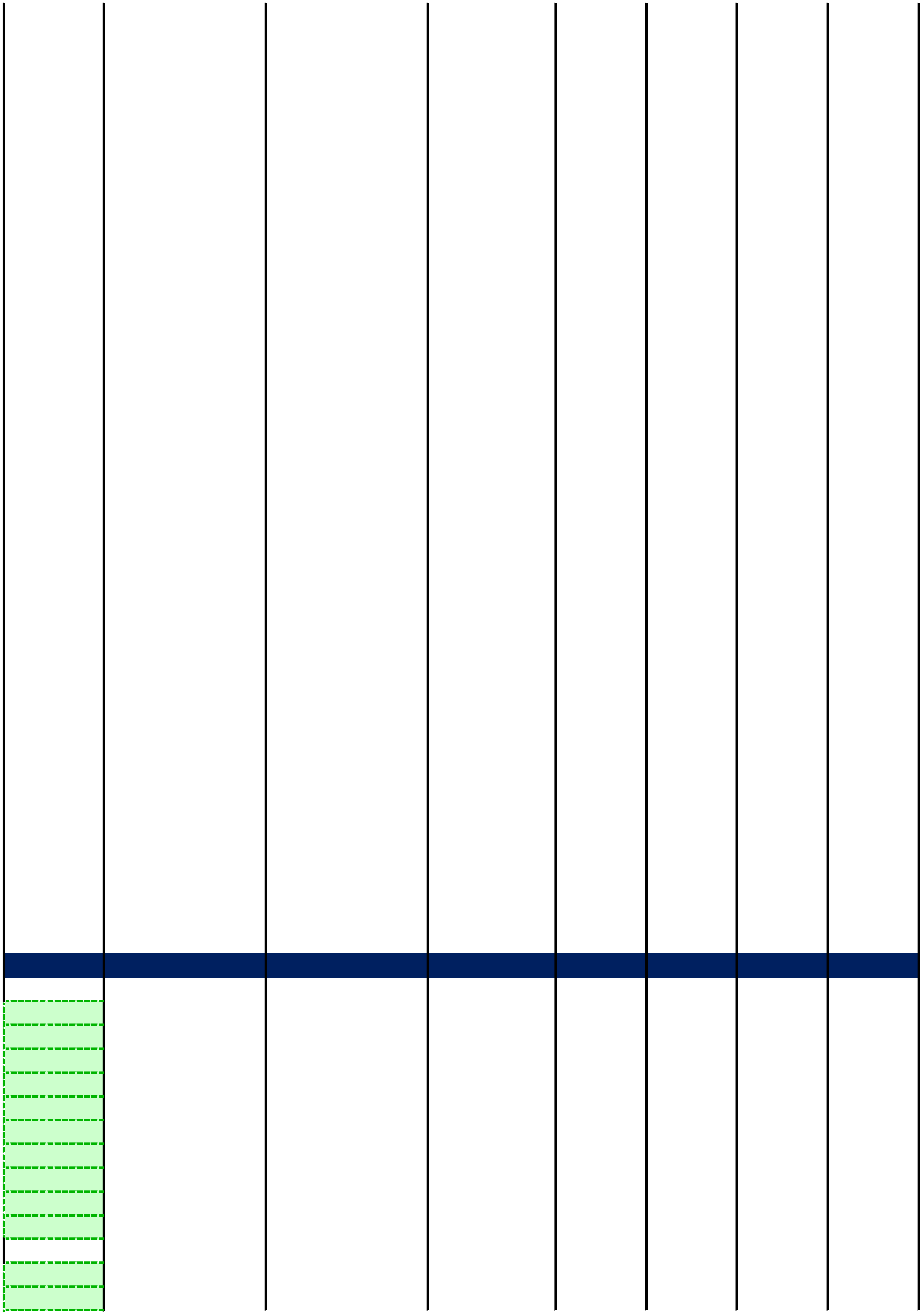


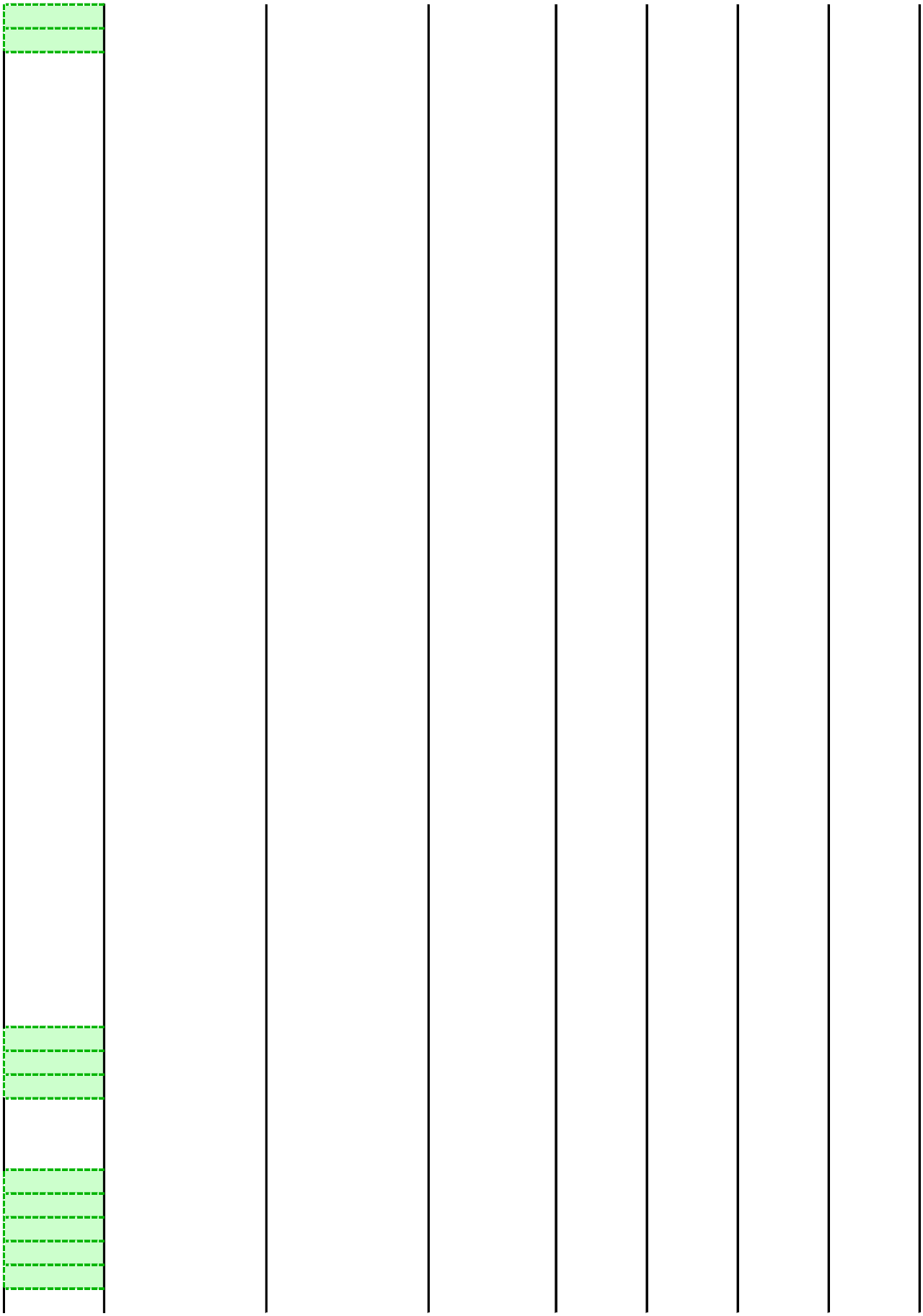


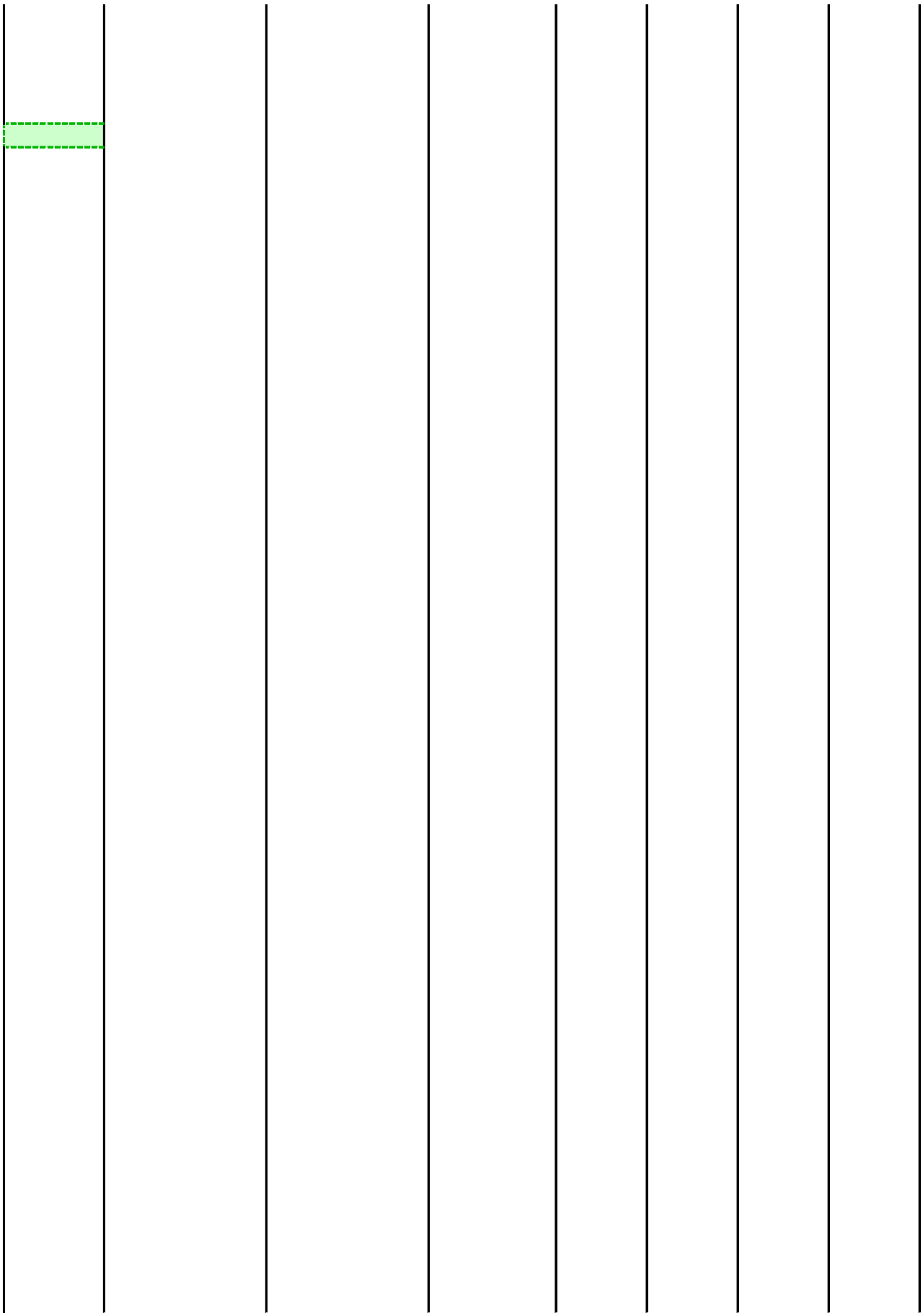


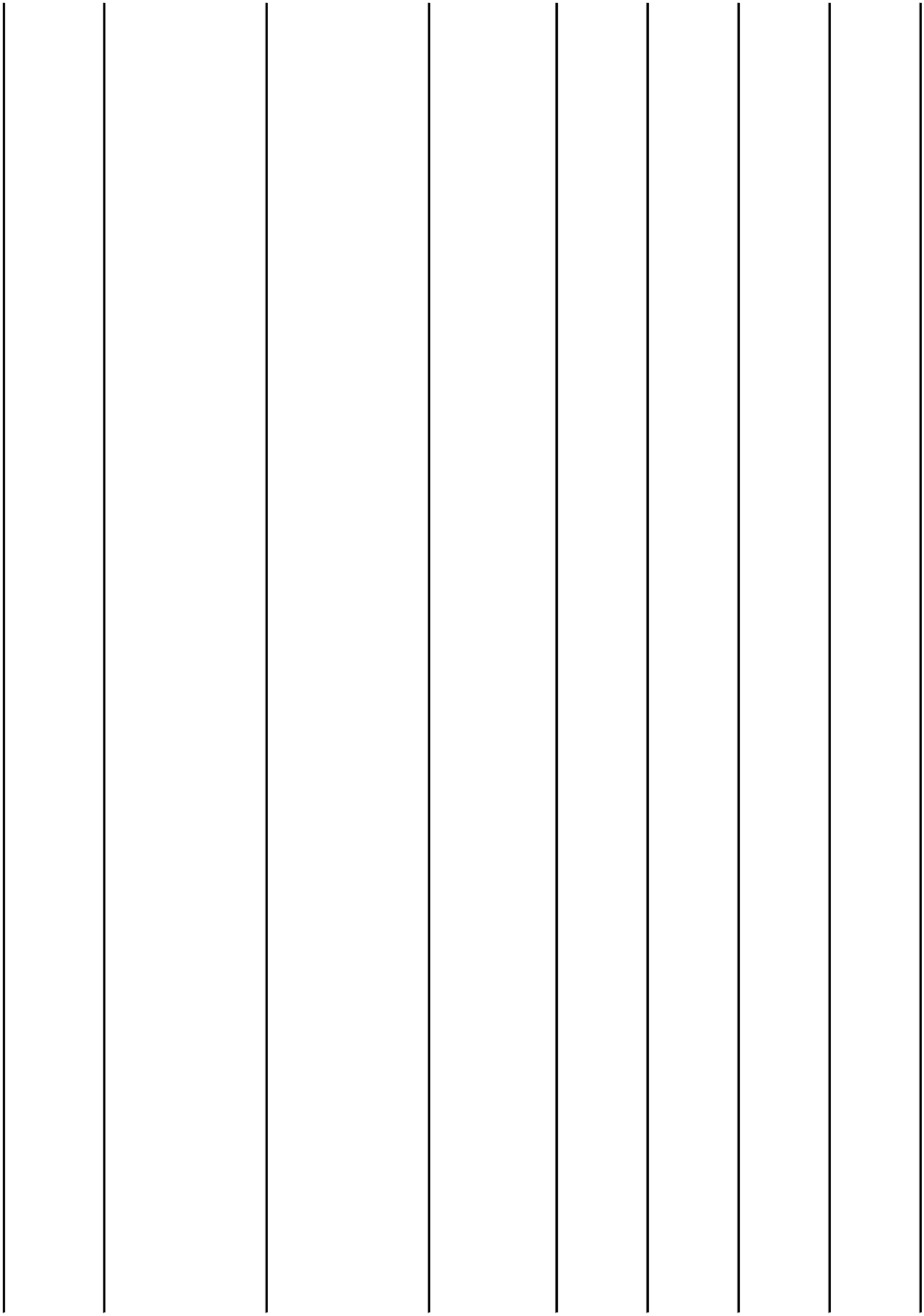


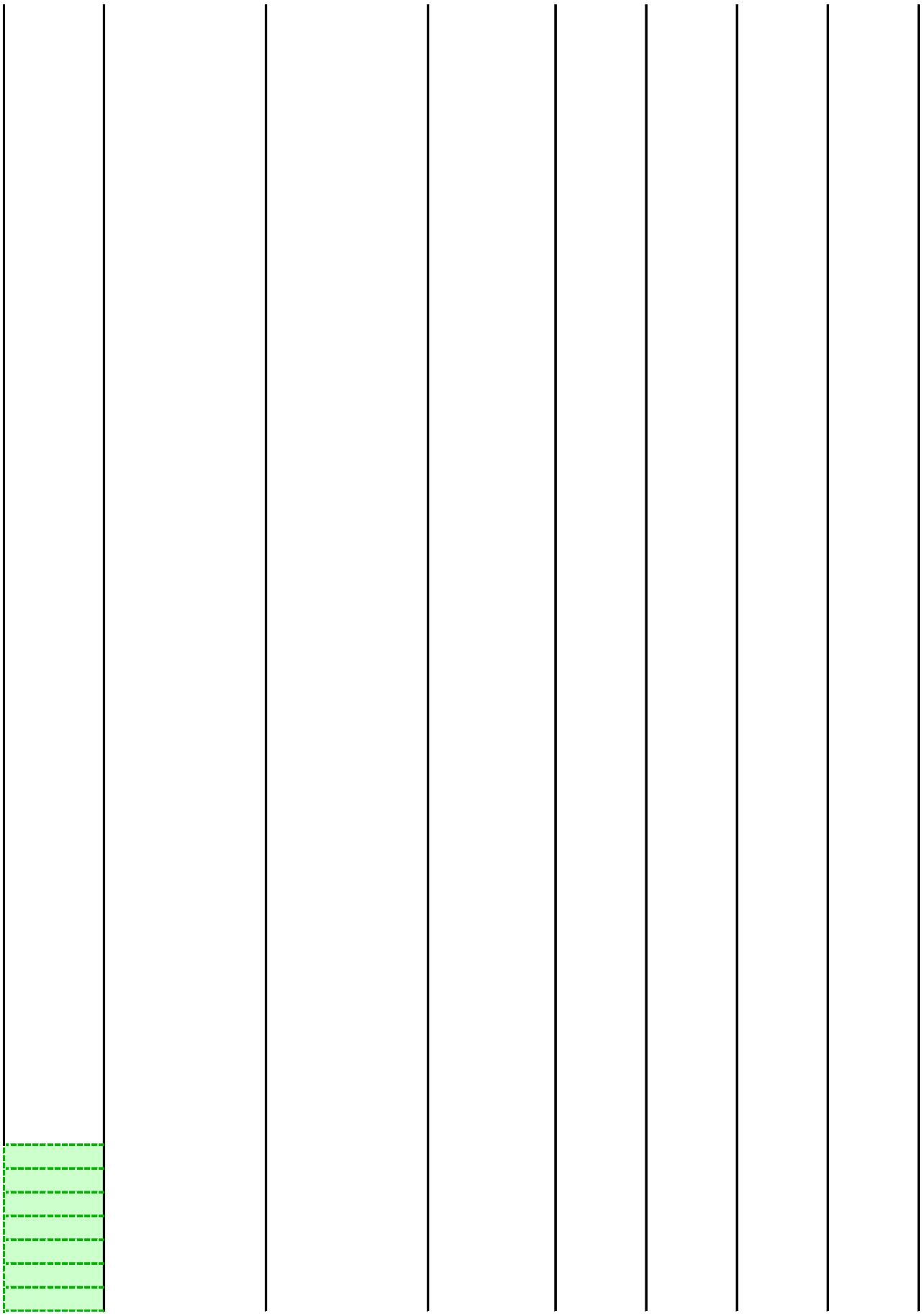


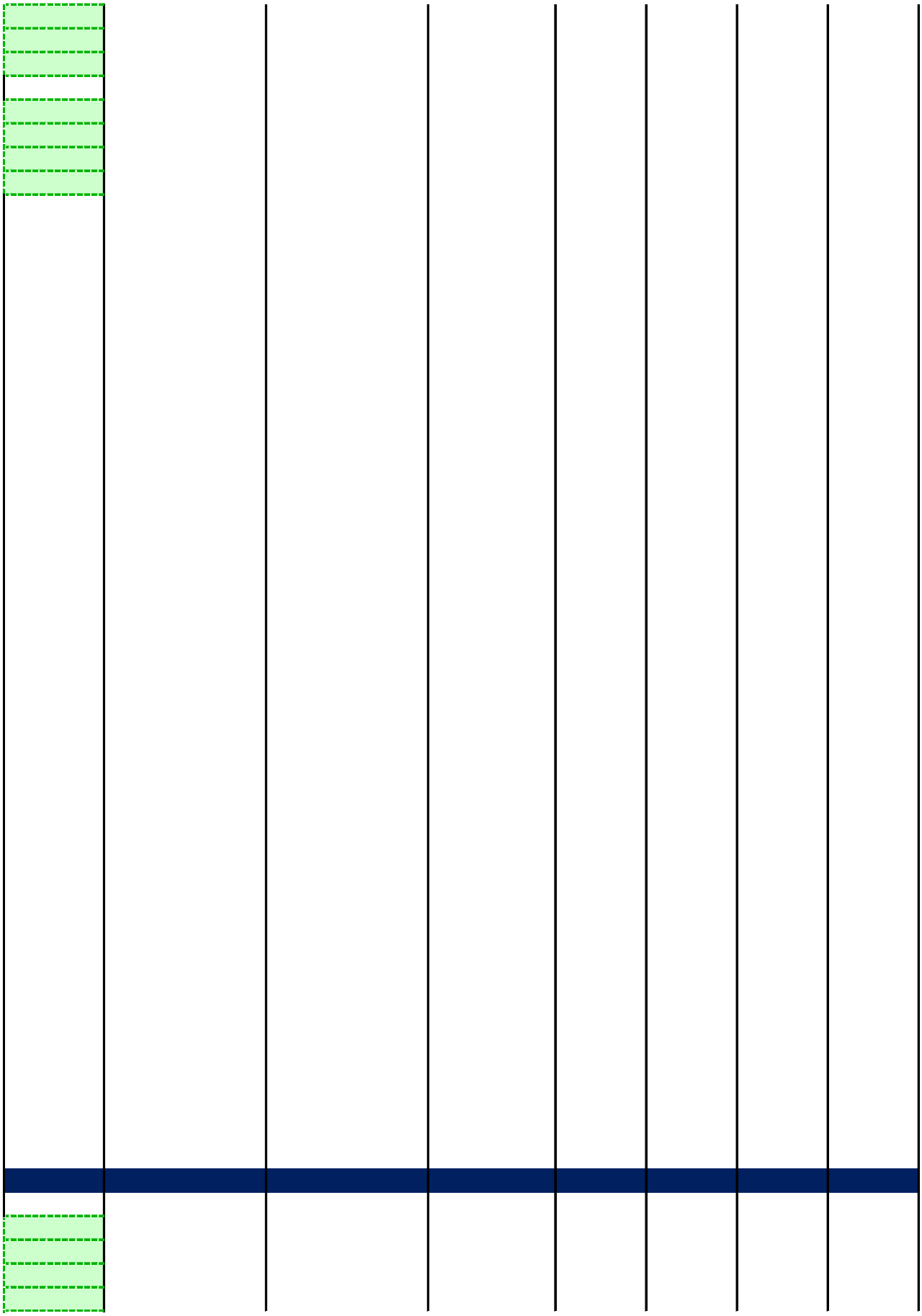


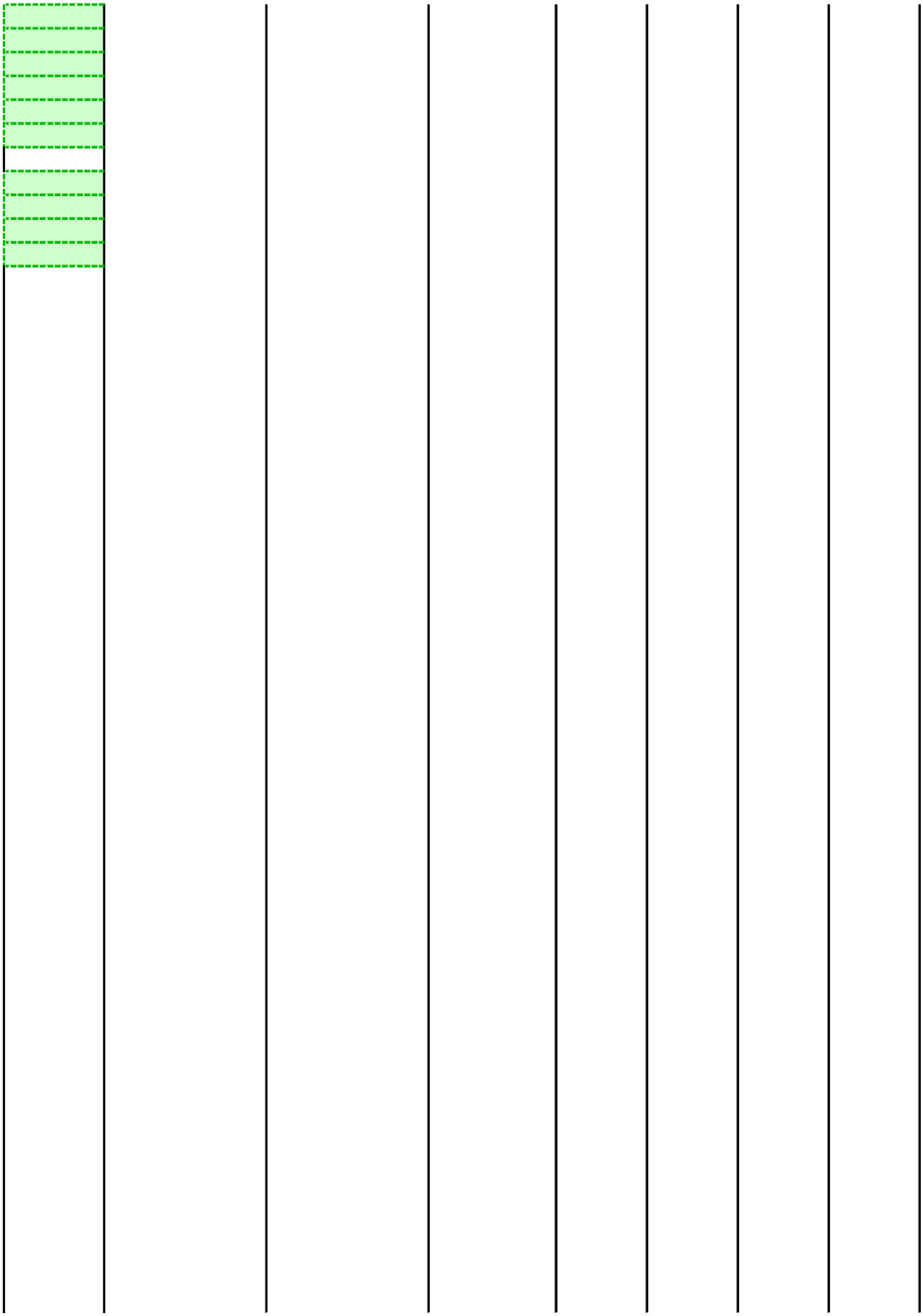


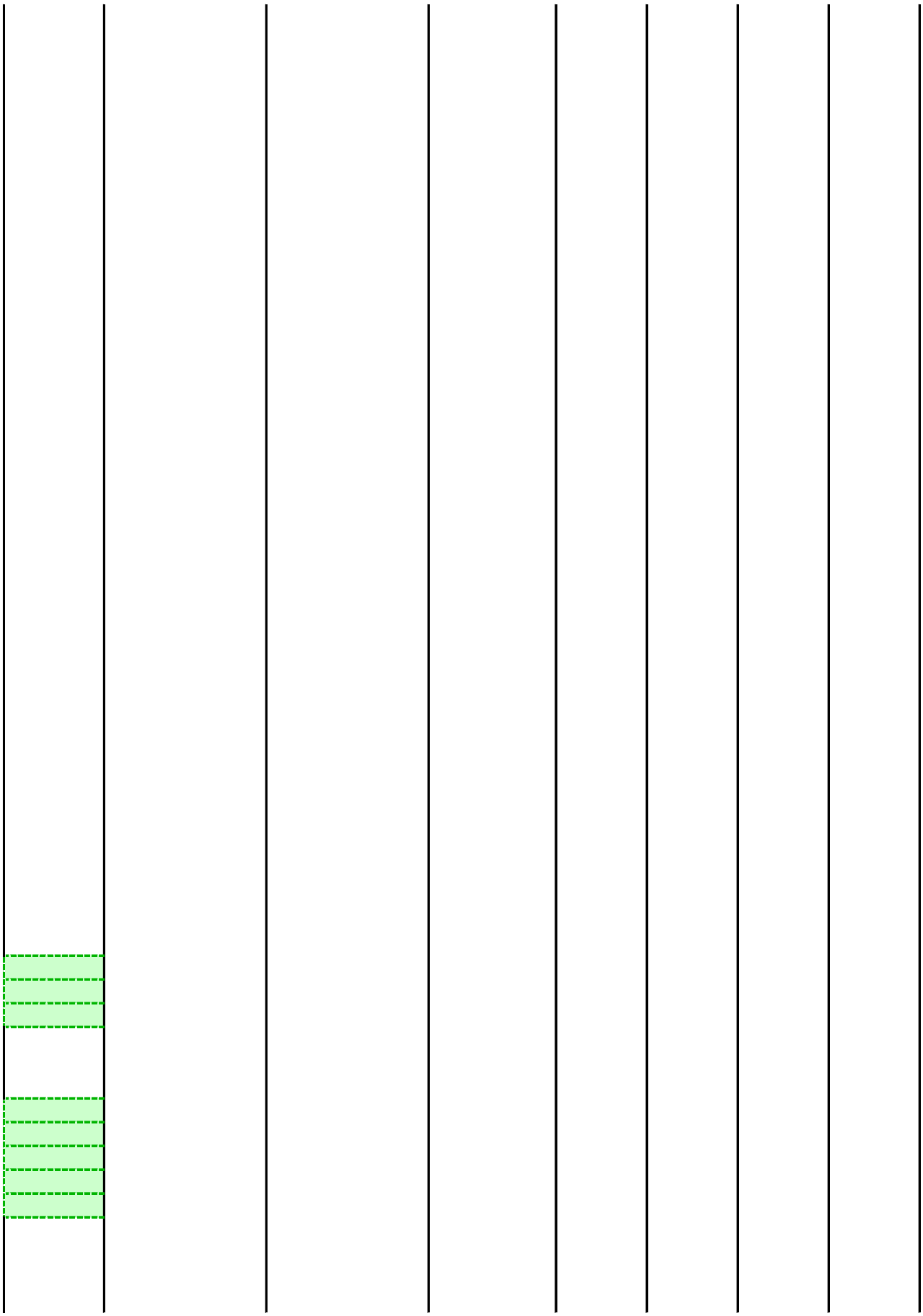


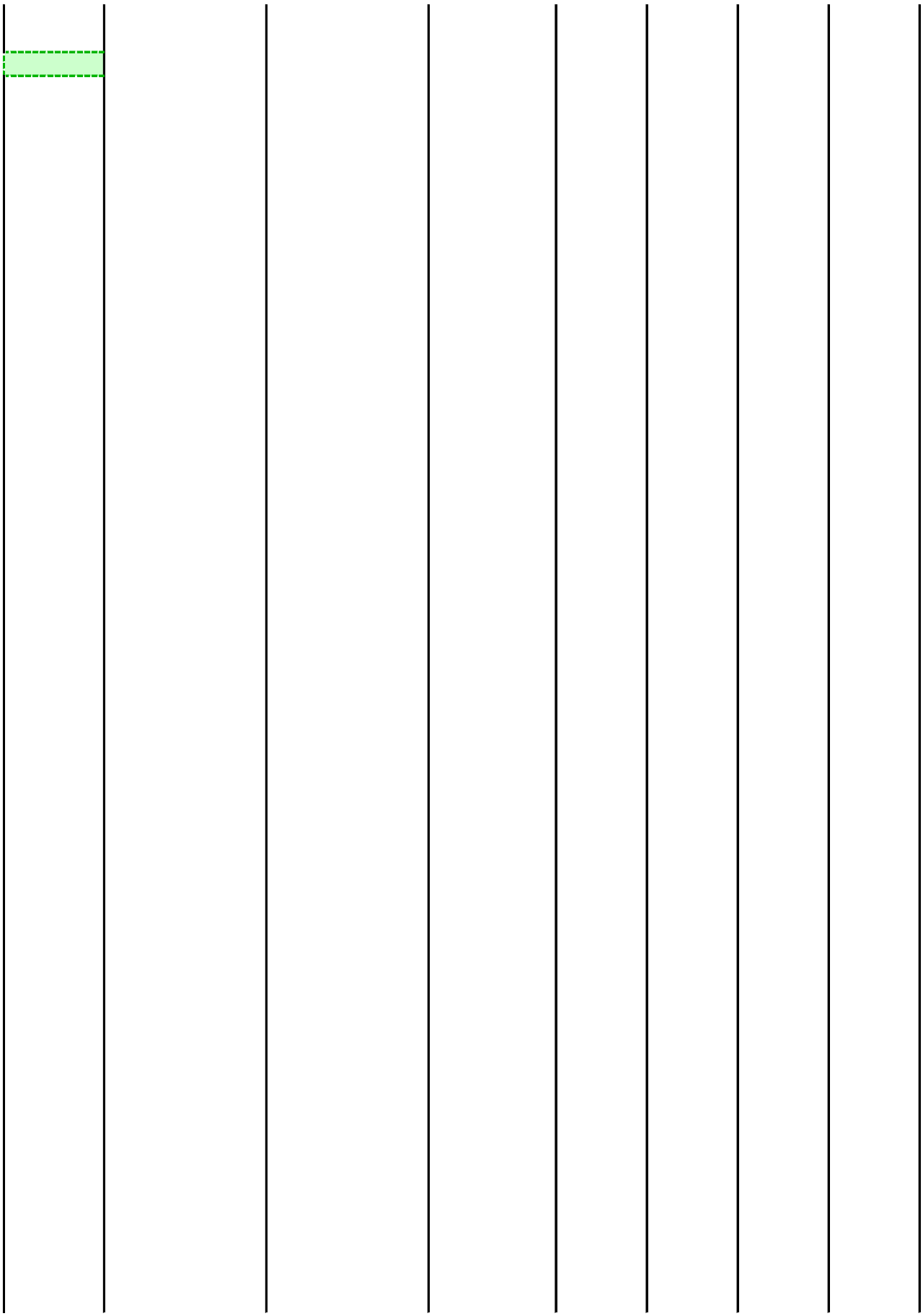


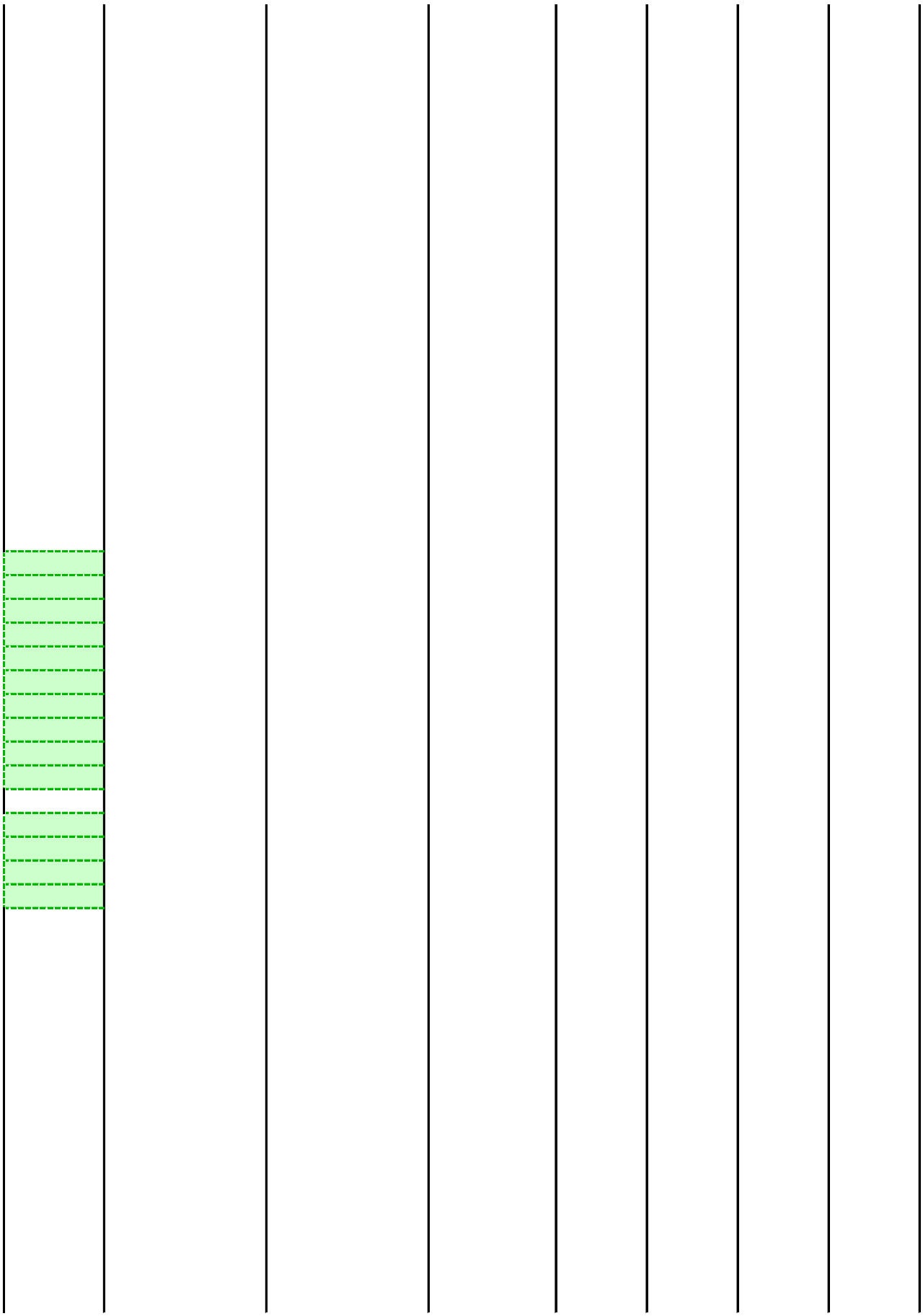


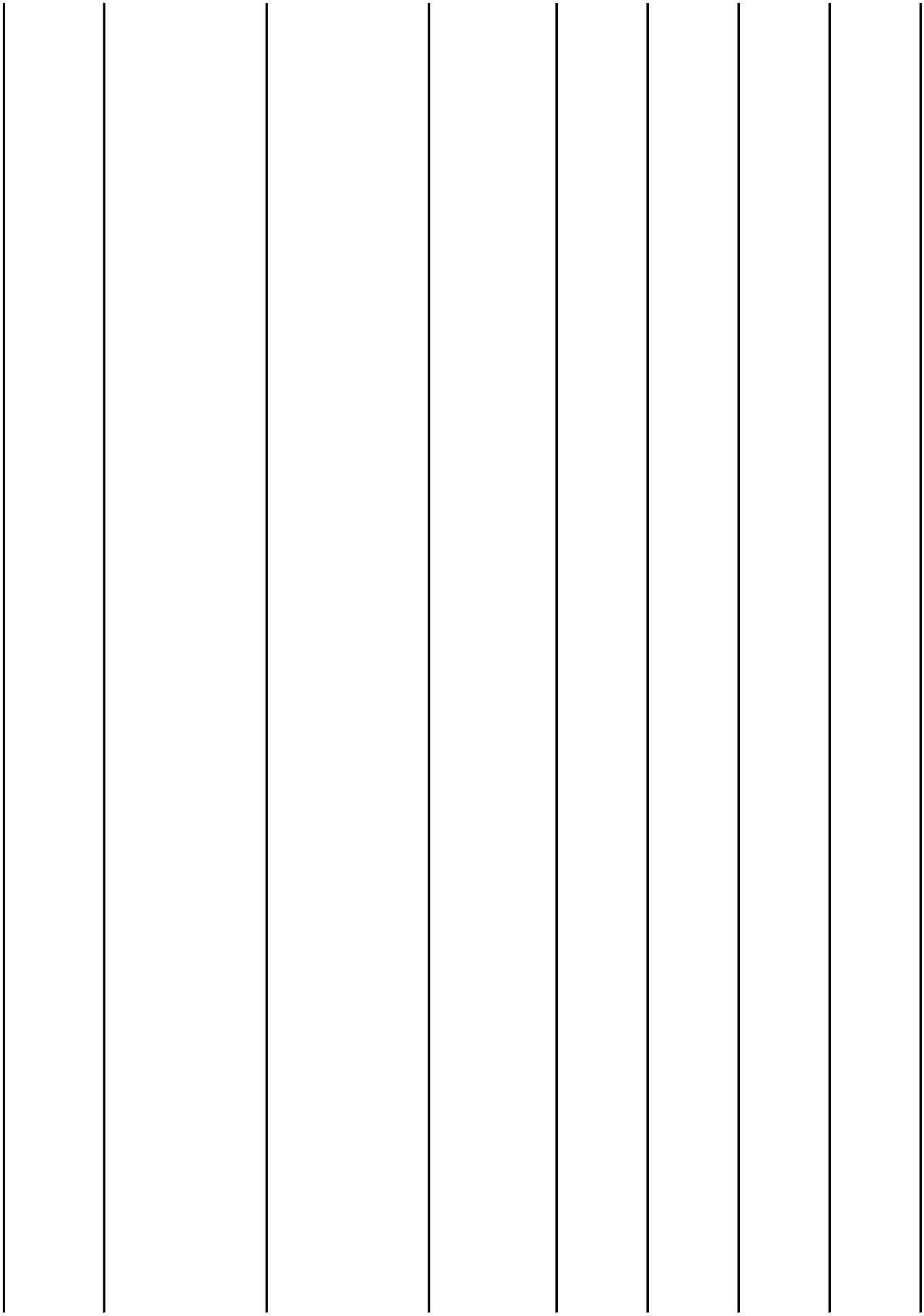


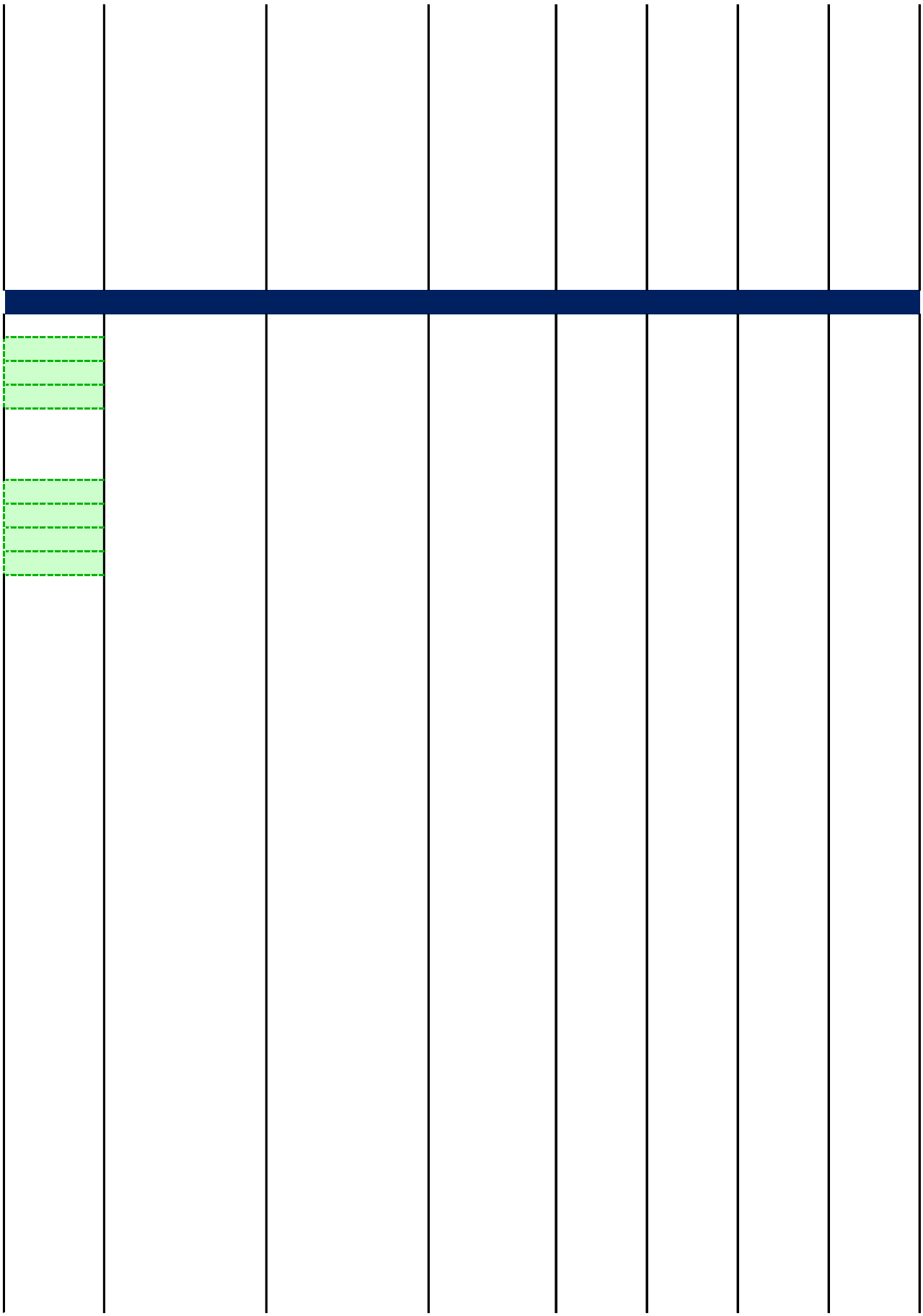


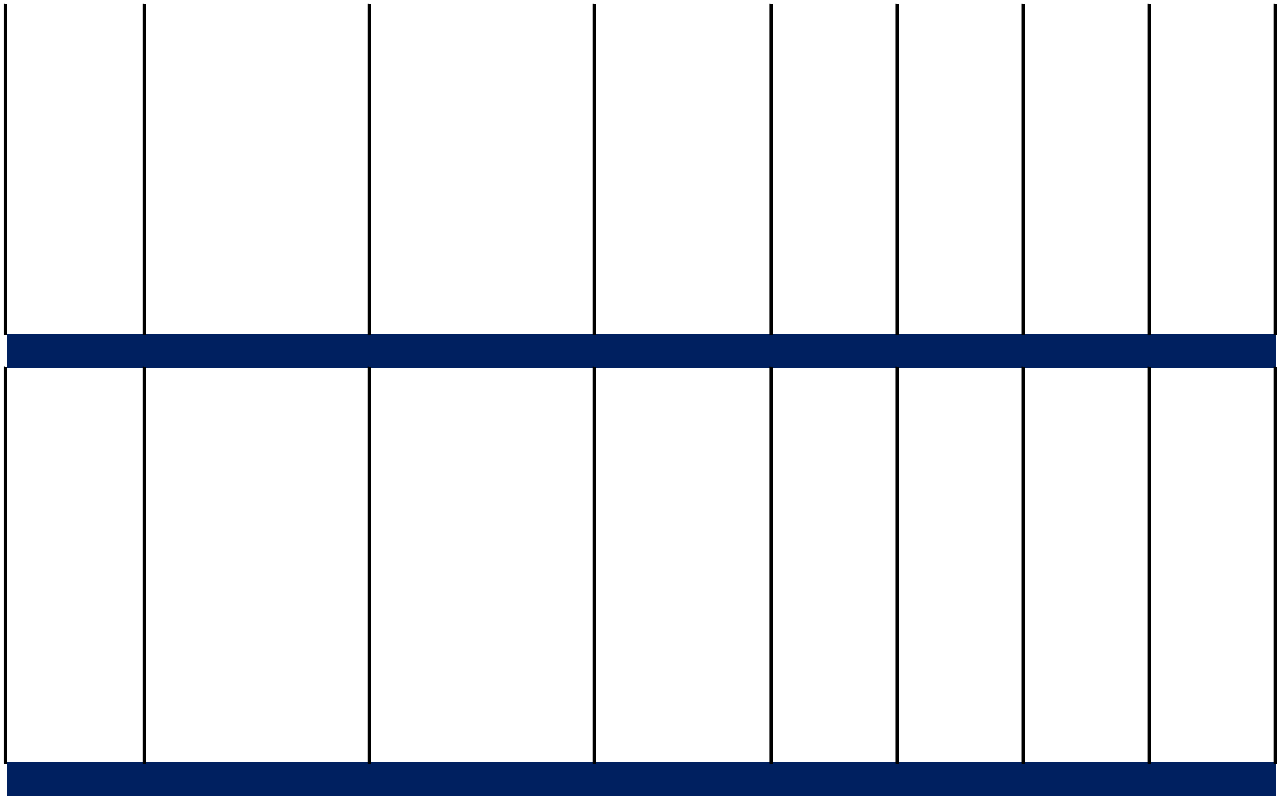












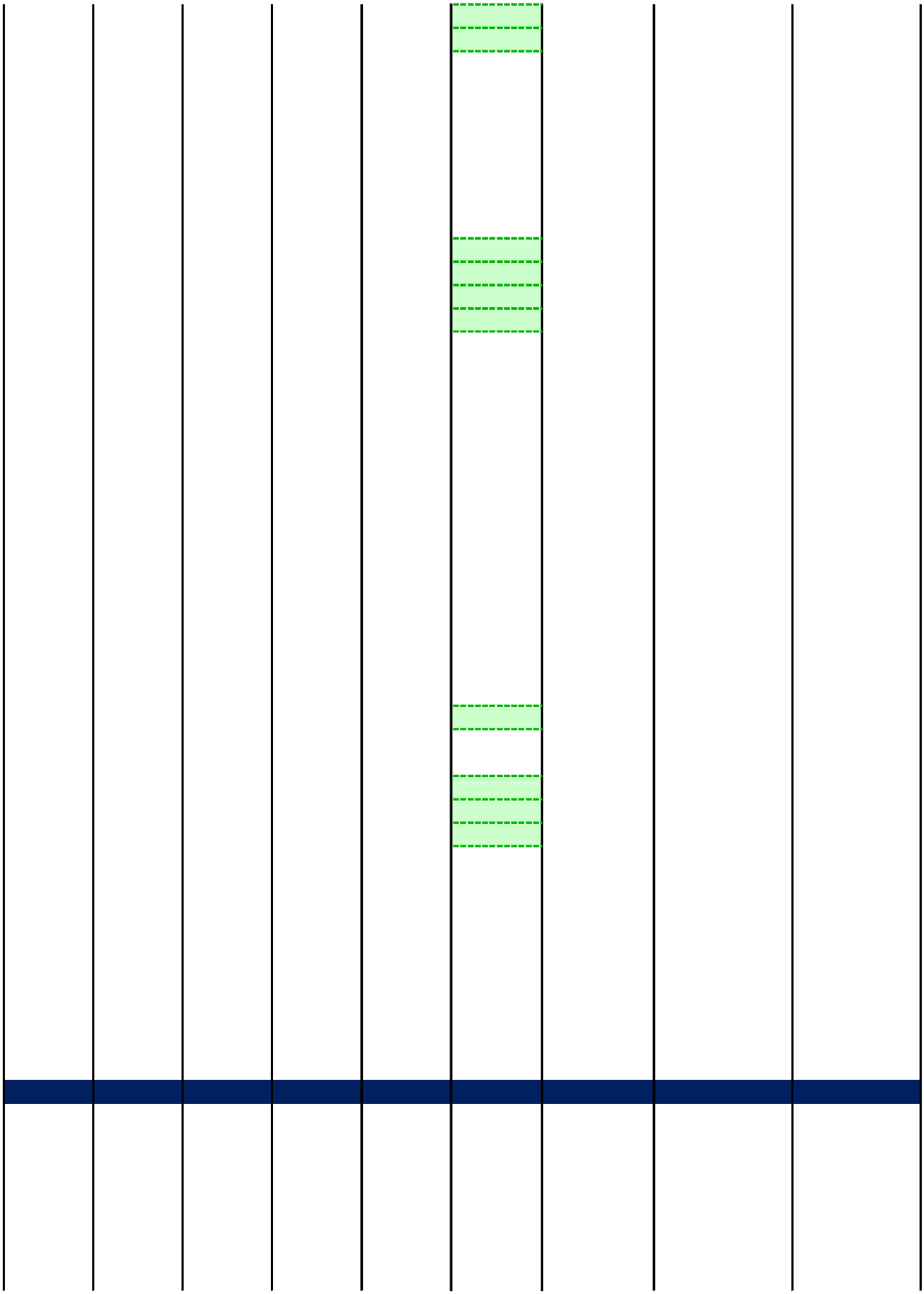
pact Factors					Energy Sav			
In-Service Rate	kWh Realization Rate	kW Winter Realization Rate	kW Summer Realization Rate	Non Electric Realization Rate	Gross Annual kWh Saved	LS_ID (Dropdown)	Max Demand (Entered)	Max Demand Factor (Look-up)
100.0%	91.0%	91.0%	91.0%	91.0%	100.00	Weighted HV		0.000783
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%	200.00	Weighted HV		0.000783
98.0%	91.0%	91.0%	91.0%	91.0%		Lighting	0.030	0.000255
98.0%	91.0%	91.0%	91.0%	91.0%		Lighting	0.020	0.000255
98.0%	91.0%	91.0%	91.0%	91.0%		Lighting	0.050	0.000255
98.0%	91.0%	91.0%	91.0%	91.0%		Lighting	0.050	0.000255
98.0%	91.0%	91.0%	91.0%	91.0%		Lighting	0.020	0.000255
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%				
100.0%	91.0%	91.0%	91.0%	91.0%		Weighted H		0.000783
100.0%	91.0%	91.0%	91.0%	91.0%		Boiler Distrib		0.000551
100.0%	91.0%	91.0%	91.0%	91.0%	168.00	Furnace Fan		0.000645
100.0%	91.0%	91.0%	91.0%	91.0%	27.00	Central Air C		0.001594
100.0%	91.0%	91.0%	91.0%	91.0%	46.00	Central Air C		0.001594
100.0%	100.0%	100.0%	100.0%	100.0%		Central Air C		0.001594
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%		Water Heate		0.000357
100.0%	100.0%	100.0%	100.0%	100.0%		Central Air C		0.001594
100.0%	100.0%	100.0%	100.0%	100.0%		Furnace Fan		0.000645
100.0%	100.0%	100.0%	100.0%	100.0%		Water Heate		0.000357
100.0%	100.0%	100.0%	100.0%	100.0%		Lighting		0.000255
100.0%	100.0%	100.0%	100.0%	100.0%		Lighting		0.000255
100.0%	100.0%	100.0%	100.0%	100.0%		Clothes Was		0.000270
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	35.0%	35.0%	35.0%	35.0%				
99.0%	100.0%	100.0%	100.0%	104.0%	150.00	Hardwired E		0.000733
99.0%	100.0%	104.0%	104.0%	104.0%				
99.0%	100.0%	104.0%	104.0%	104.0%				
99.0%	100.0%	100.0%	100.0%	104.0%		Hardwired E		0.000733
98.0%	100.0%	100.0%	100.0%	100.0%	35.30	Lighting	0.030	0.000255
98.0%	100.0%	100.0%	100.0%	100.0%	17.00	Lighting	0.020	0.000255
98.0%	100.0%	100.0%	100.0%	100.0%	50.60	Lighting	0.050	0.000255

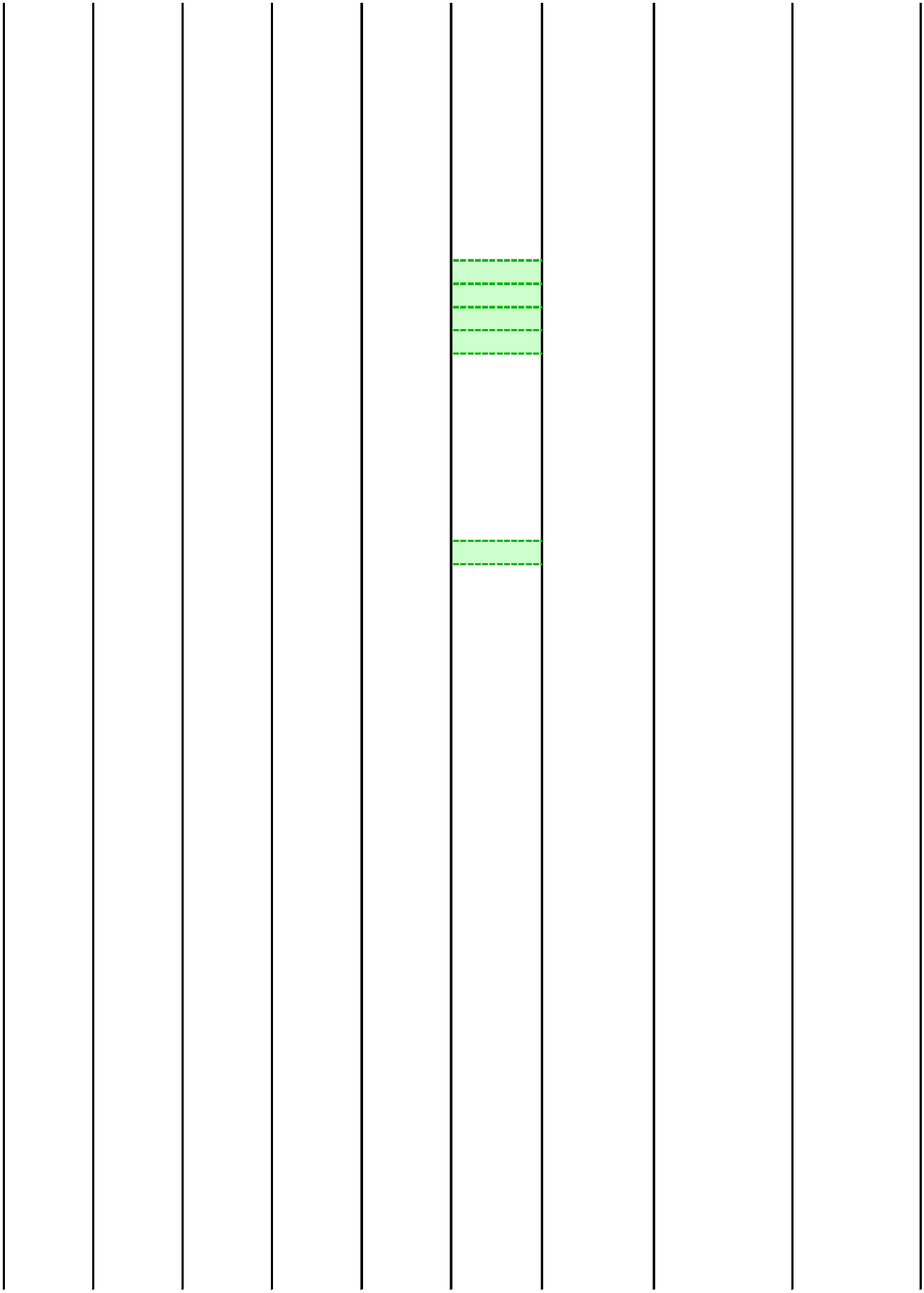
98.0%	100.0%	100.0%	100.0%	100.0%	50.60	Lighting	0.050	0.000255
98.0%	100.0%	100.0%	100.0%	100.0%	37.40	Lighting	0.020	0.000255
99.0%	100.0%	104.0%	104.0%	104.0%				
99.0%	100.0%	104.0%	104.0%	104.0%				
99.0%	100.0%	100.0%	100.0%	100.0%			0.020	
99.0%	100.0%	100.0%	100.0%	100.0%			0.020	
99.0%	100.0%	100.0%	100.0%	100.0%		Hardwired E		0.000733
99.0%	100.0%	100.0%	100.0%	100.0%				
99.0%	100.0%	100.0%	100.0%	100.0%				
99.0%	100.0%	100.0%	100.0%	100.0%				
99.0%	100.0%	100.0%	100.0%	100.0%				
99.0%	100.0%	100.0%	100.0%	100.0%				
99.0%	100.0%	100.0%	100.0%	100.0%		Boiler Distrib		0.000551
99.0%	100.0%	100.0%	100.0%	100.0%	168.00	Furnace Far		0.000645
99.0%	100.0%	100.0%	100.0%	104.0%		Central Air C		0.001594
100.0%	100.0%	100.0%	100.0%	104.0%	46.00	Central Air C		0.001594
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%	104.20	Furnace Far		0.000645
100.0%	100.0%	100.0%	100.0%	100.0%	104.20	Furnace Far		0.000645
100.0%	100.0%	100.0%	100.0%	100.0%	(133.00)	Weighted H		0.000783
100.0%	100.0%	100.0%	100.0%	100.0%	27.00	Central Air C		0.001594
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)	Water Heate		0.000357
100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)	Water Heate		0.000357
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)	Water Heate	(0.01)	0.000357
100.0%	100.0%	100.0%	100.0%	100.0%		Weighted H		0.000783
100.0%	100.0%	100.0%	100.0%	100.0%	24.86	Weighted H		0.000783
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	99.9%	100.0%	100.0%	87.0%		Custom Cal		0.000000
100.0%	99.9%	100.0%	100.0%	87.0%		Custom Cal		0.000000
100.0%	99.9%	100.0%	100.0%	87.0%		Custom Calculation		0.000000
100.0%	99.9%	100.0%	100.0%	87.0%		Custom Cal		0.000000
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				

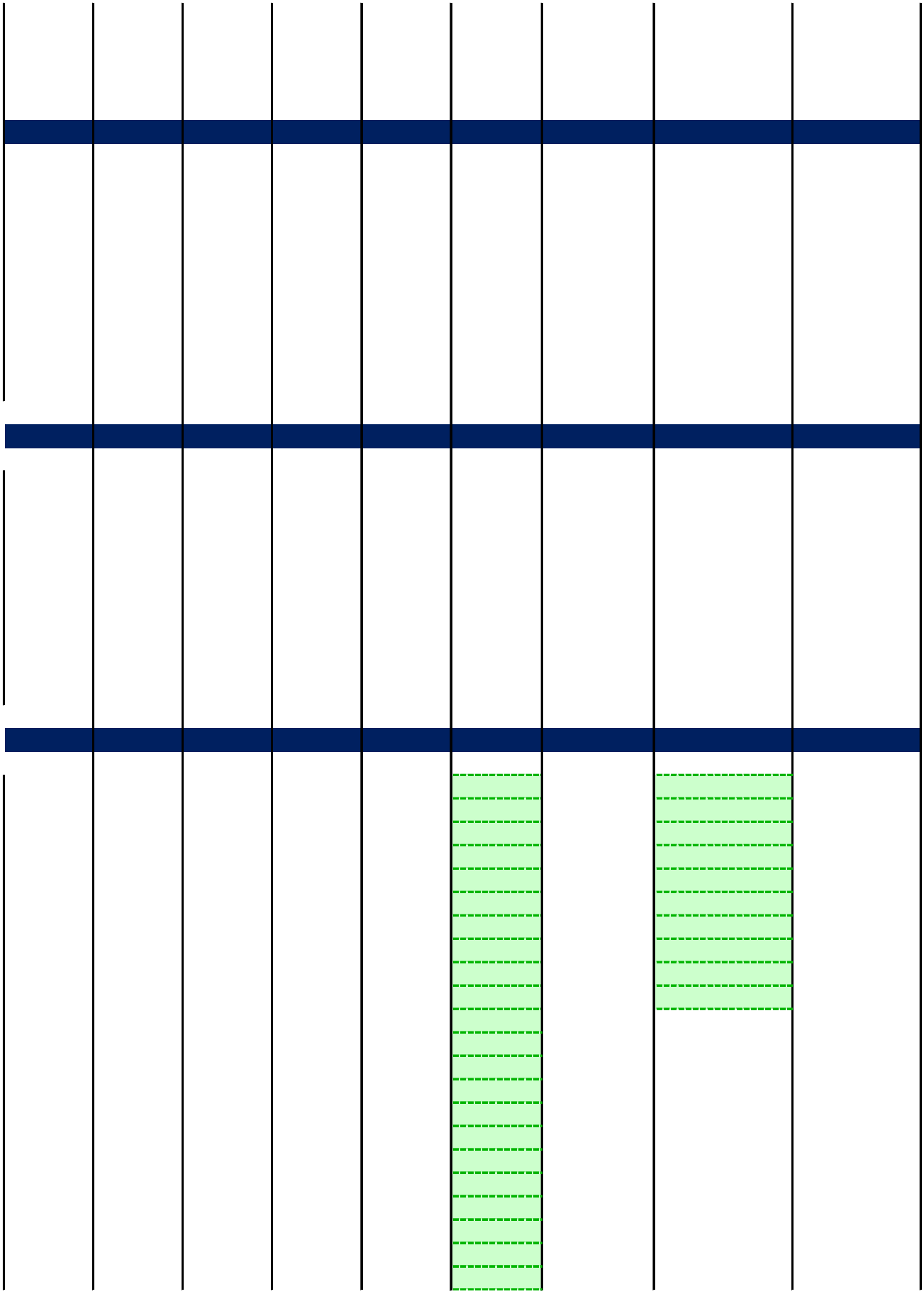
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	99.9%	100.0%	100.0%	87.0%				
100.0%	99.9%	100.0%	100.0%	87.0%				
100.0%	99.9%	100.0%	100.0%	87.0%		Custom Cal		0.000000
100.0%	99.9%	100.0%	100.0%	87.0%				
100.0%	100.0%	100.0%	100.0%	100

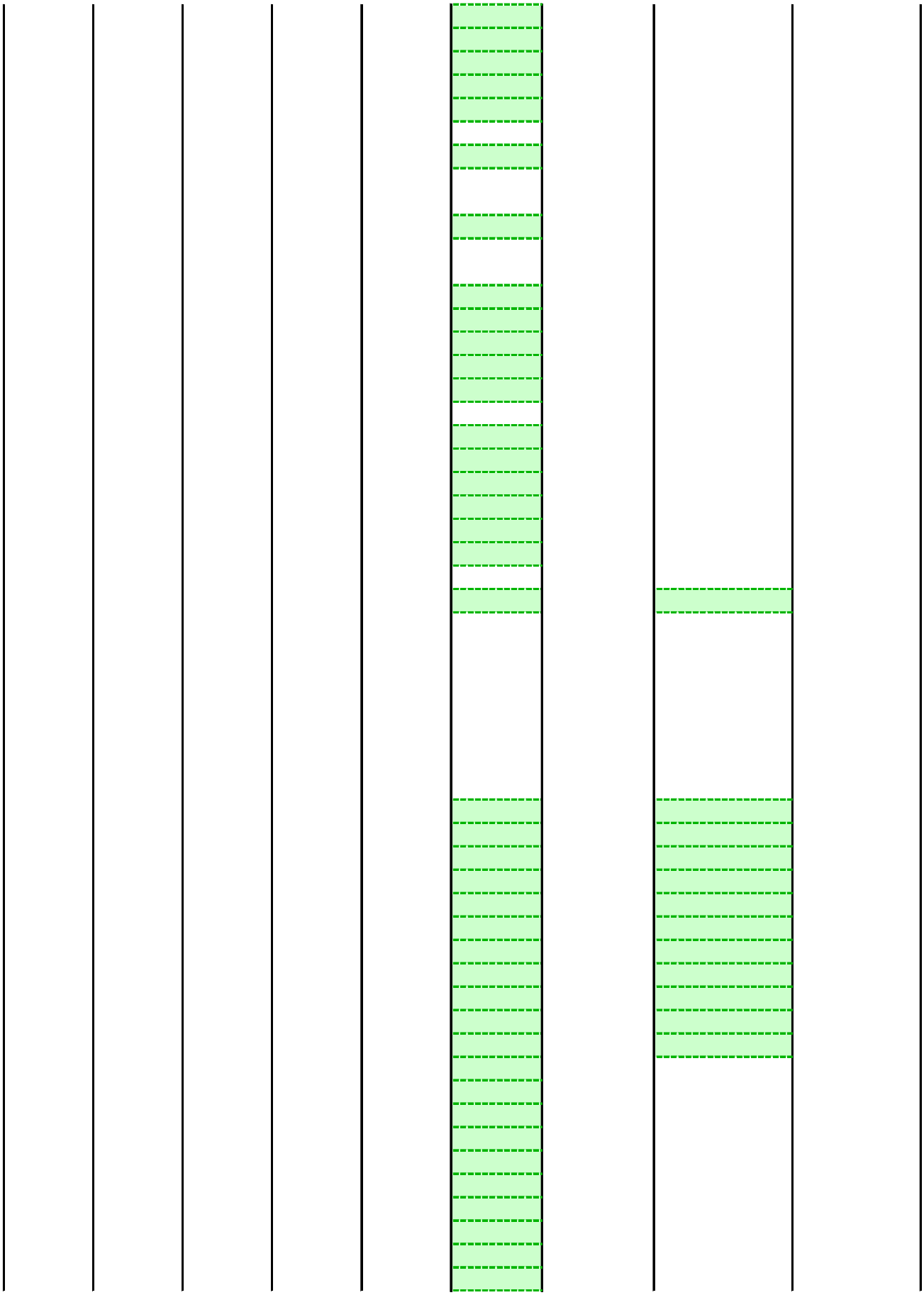
100.0%	100.0%	86.0%	86.0%	100.0%				
100.0%	100.0%	86.0%	86.0%	100.0%				
100.0%	100.0%	86.0%	86.0%	100.0%				
100.0%	100.0%	86.0%	86.0%	100.0%				
100.0%	100.0%	86.0%	86.0%	100.0%				
100.0%	100.0%	86.0%	86.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	100.0%				
100.0%	100.0%	100.0%	100.0%	87.0%		Custom Cal		0.000000
100.0%	100.0%	100.0%	100.0%	87.0%		Custom Cal		0.000000
100.0%	100.0%	100.0%	100.0%	87.0%		Custom Cal		0.000000
100.0%	100.0%	100.0%	100.0%	87.0%	-	Custom Cal		0.000000
100.0%	100.0%	100.0%	100.0%	100.0%			

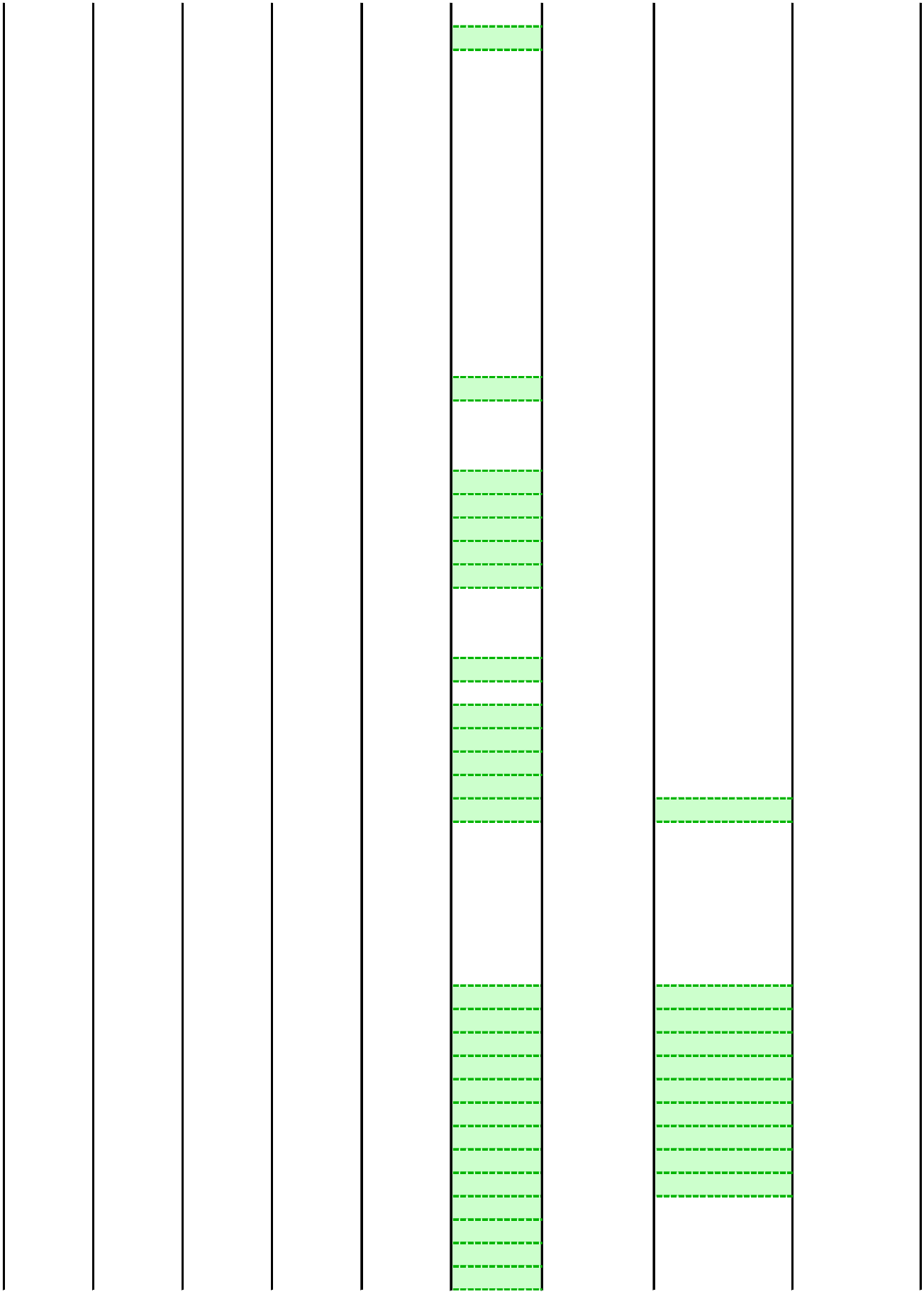
100.0%	100.0%	100.0%	100.0%	100.0%					
100.0%	100.0%	100.0%	100.0%	100.0%					
100.0%	100.0%	100.0%	100.0%	100.0%					
100.0%	100.0%	100.0%	100.0%	100.0%					
100.0%	100.0%	100.0%	100.0%	100.0%					
100.0%	36.0%	100.0%	100.0%	100.0%					
100.0%	100.0%	100.0%	100.0%	100.0%					
100.0%	100.0%	100.0%	100.0%	100.0%					
100.0%	100.0%	86.0%	86.0%	100.0%

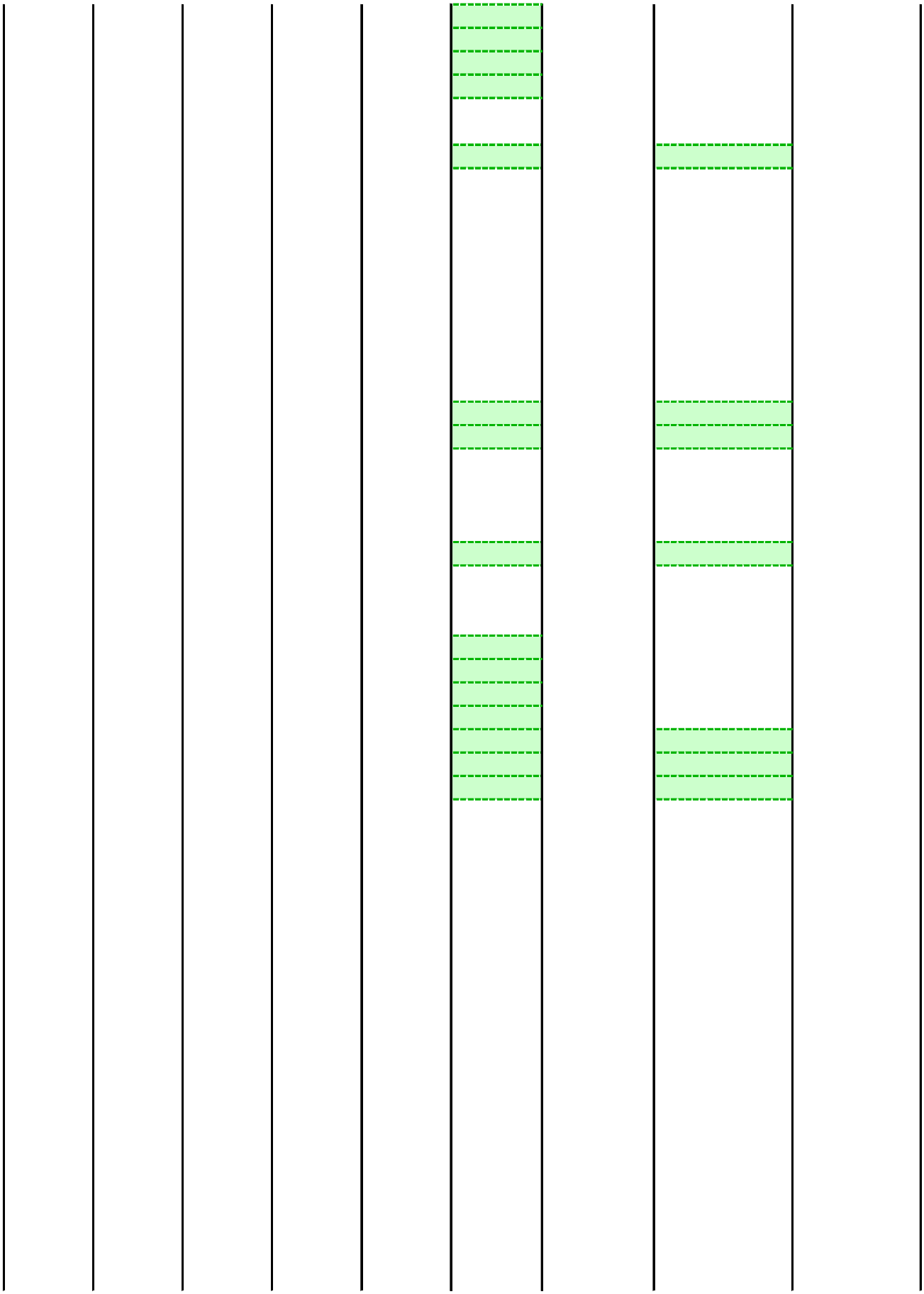


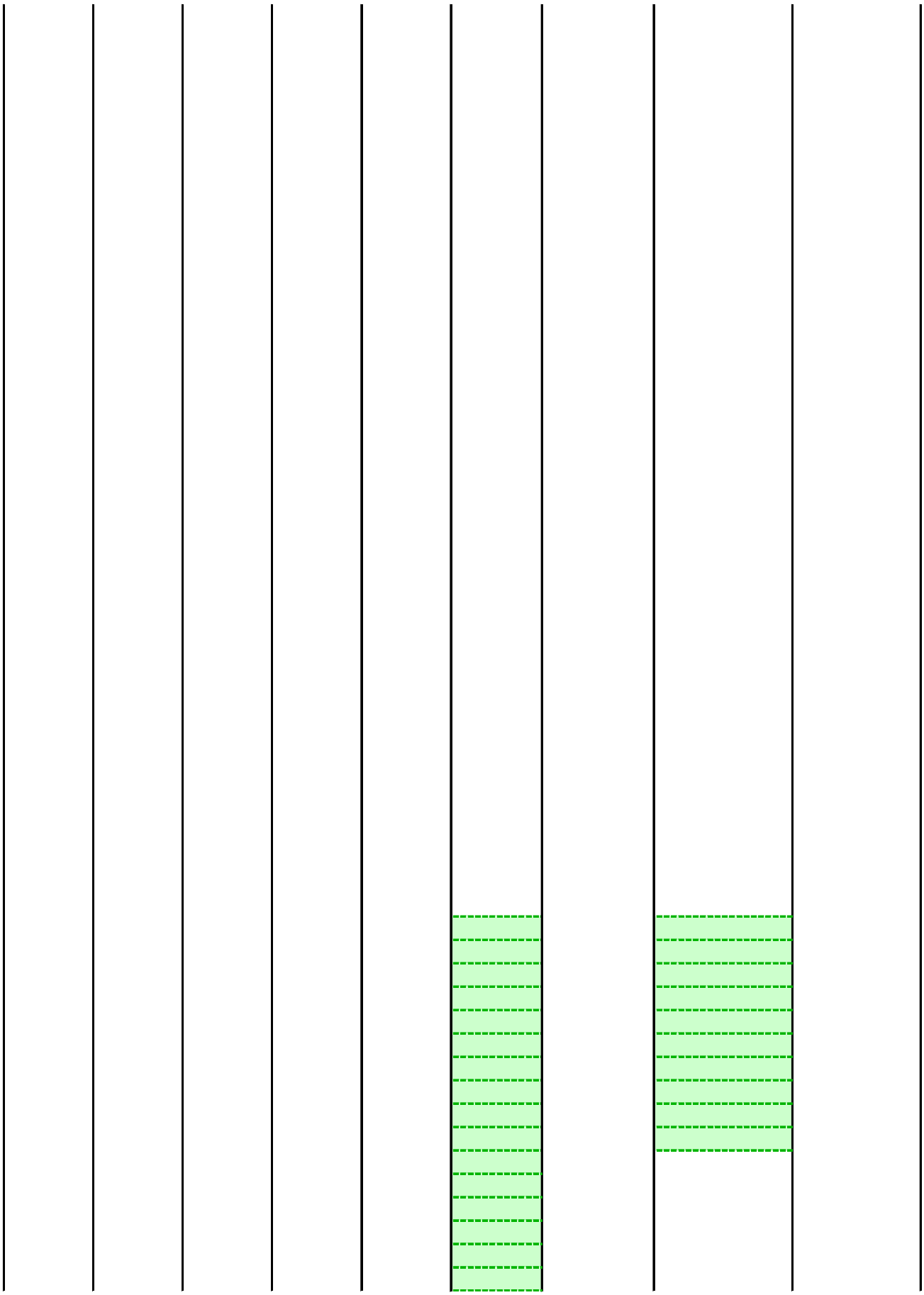


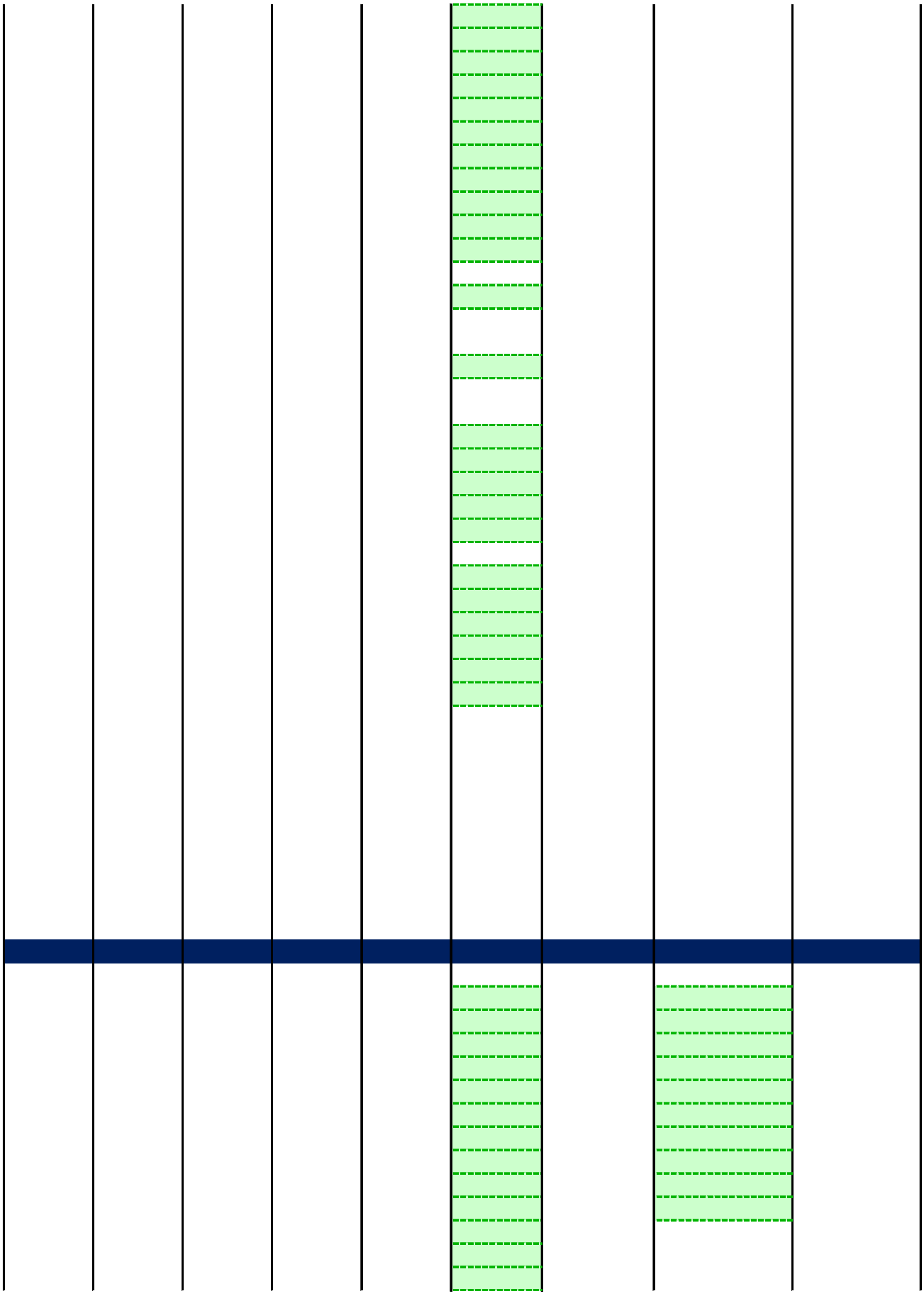


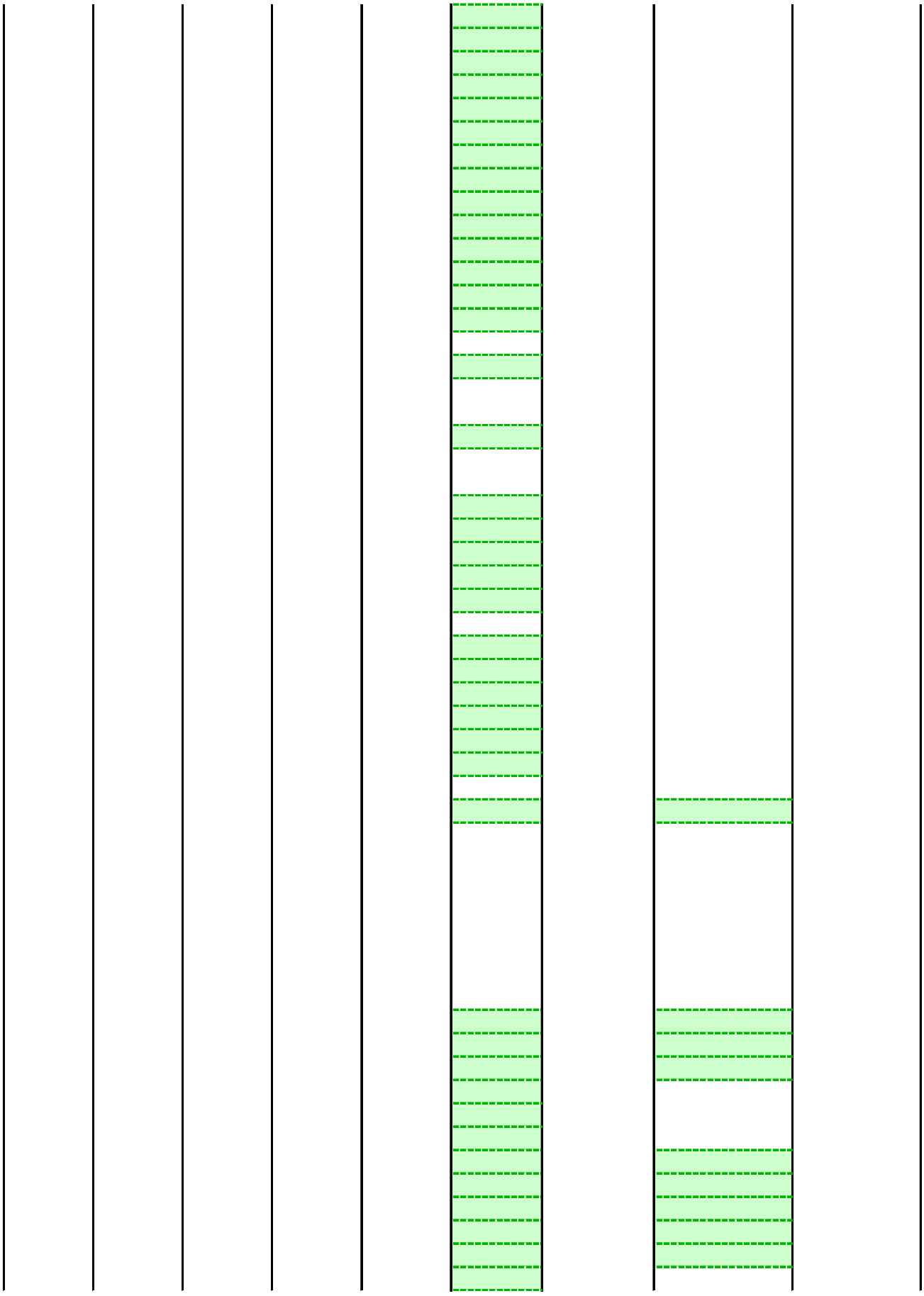


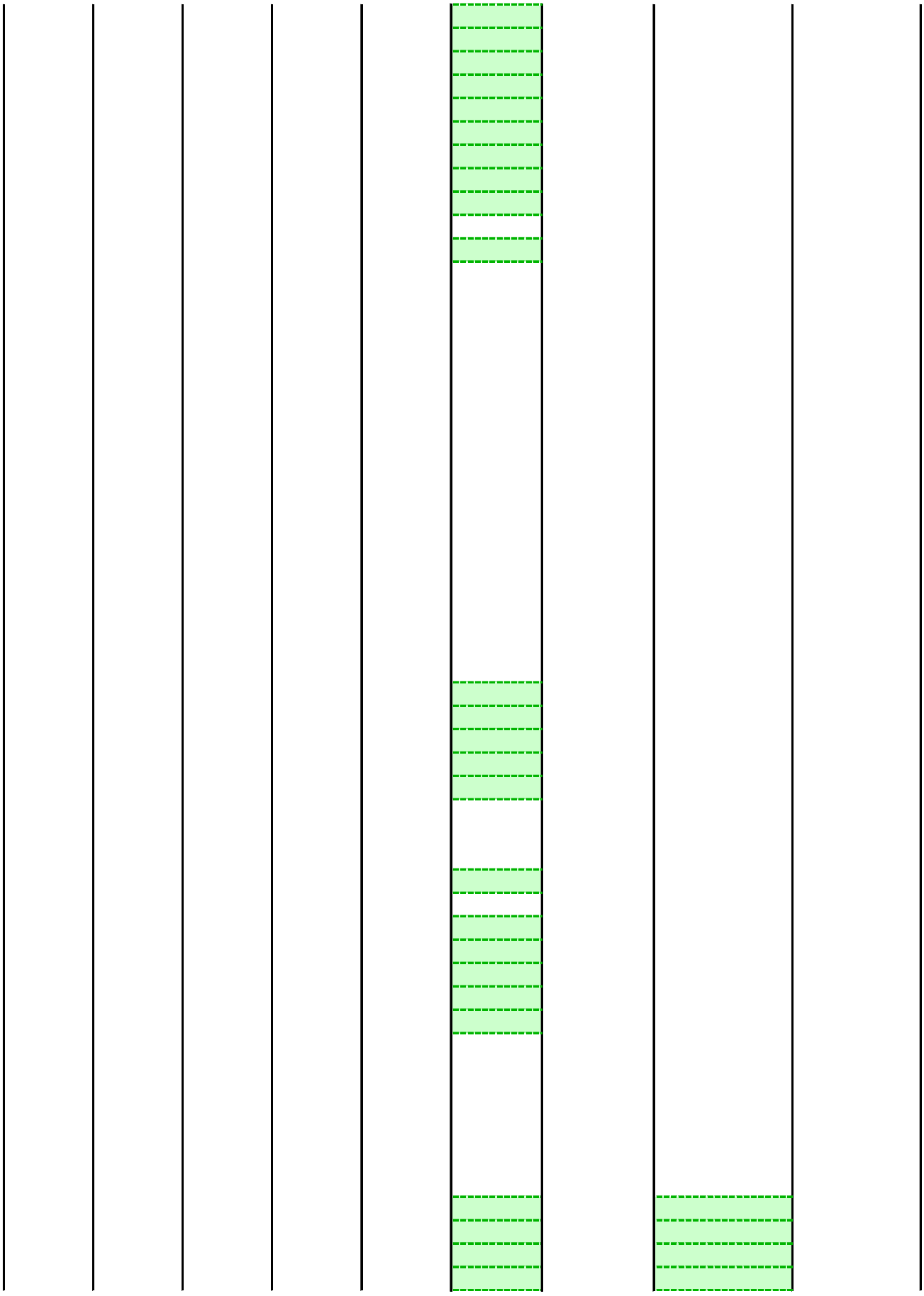


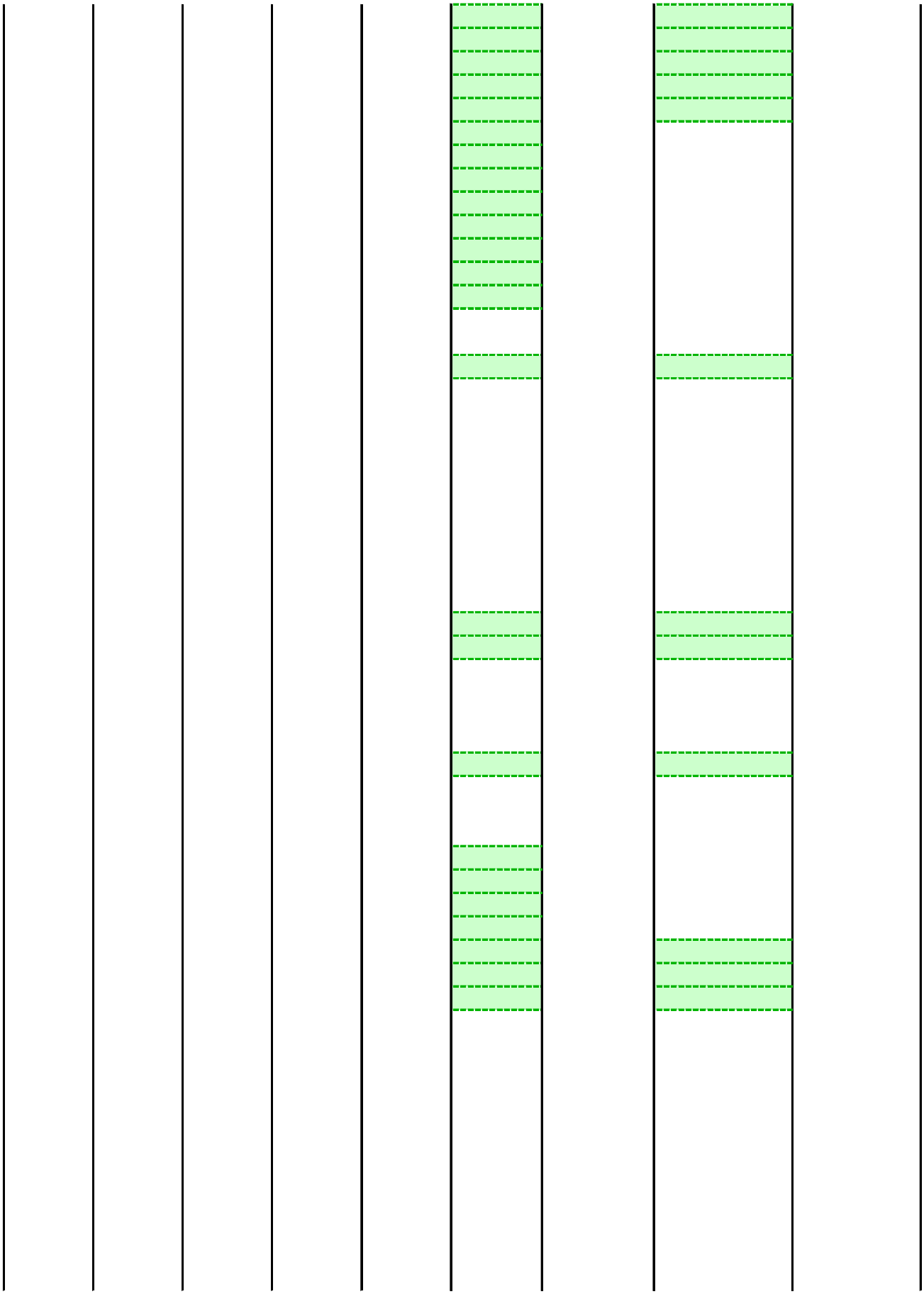


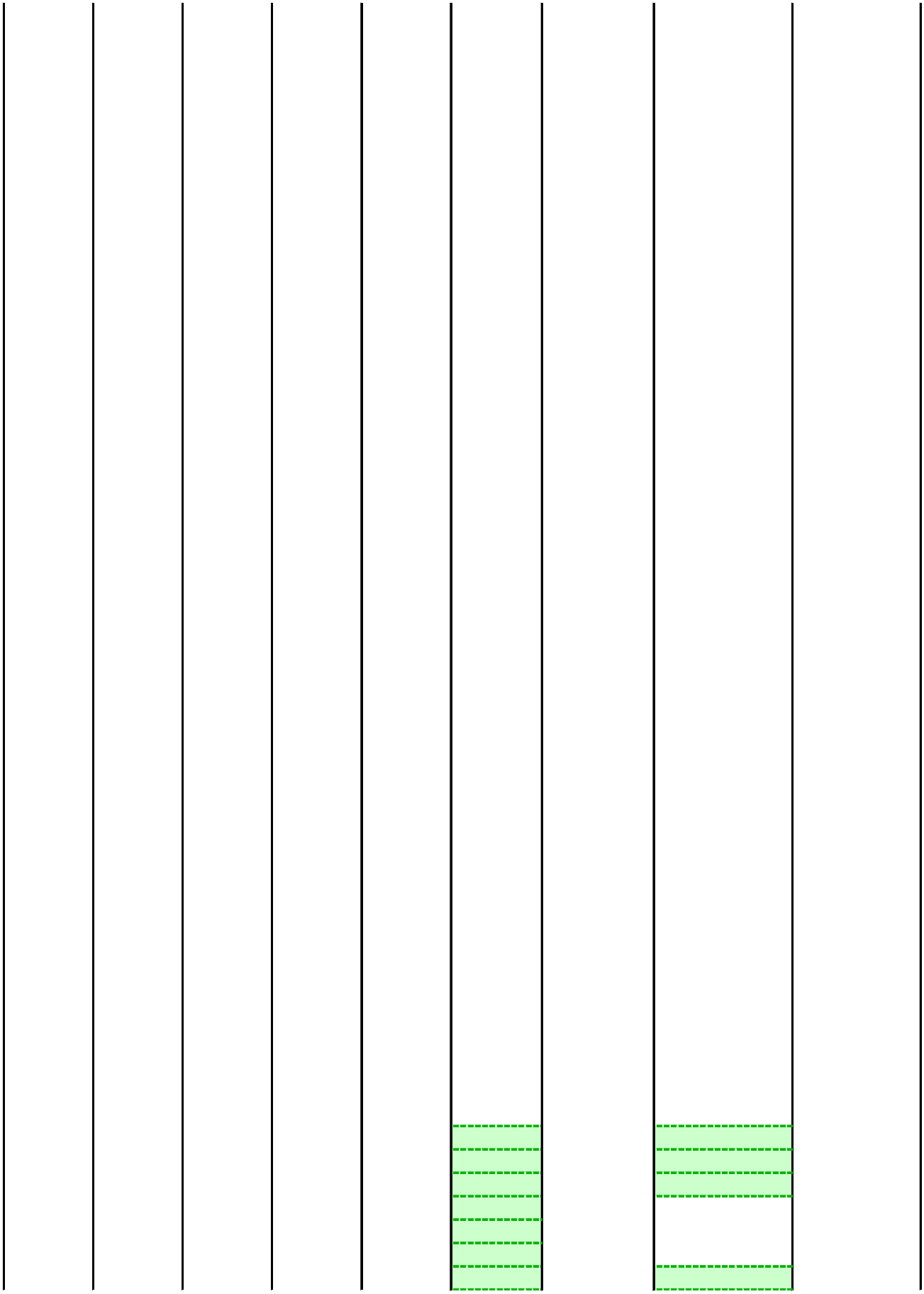


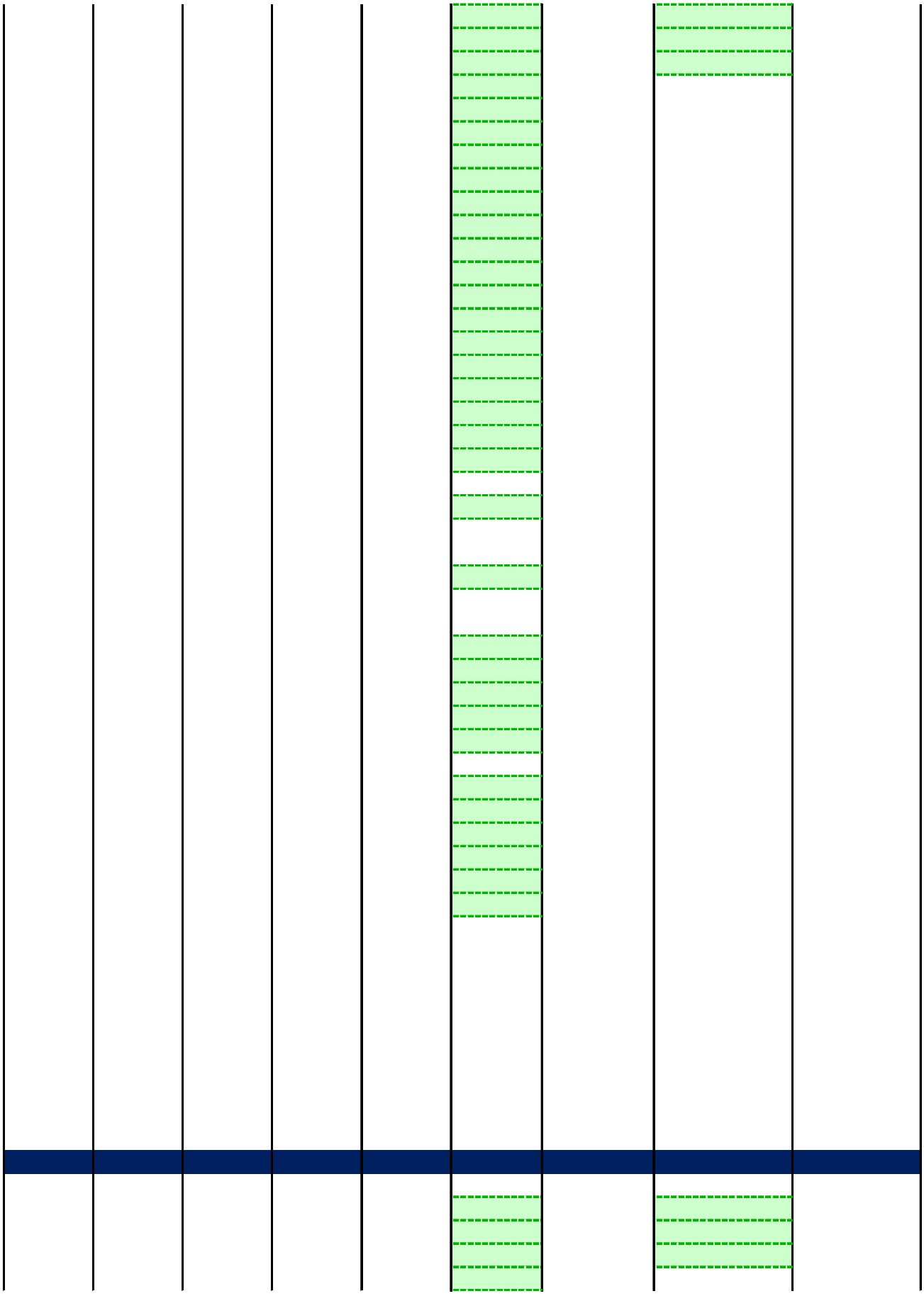


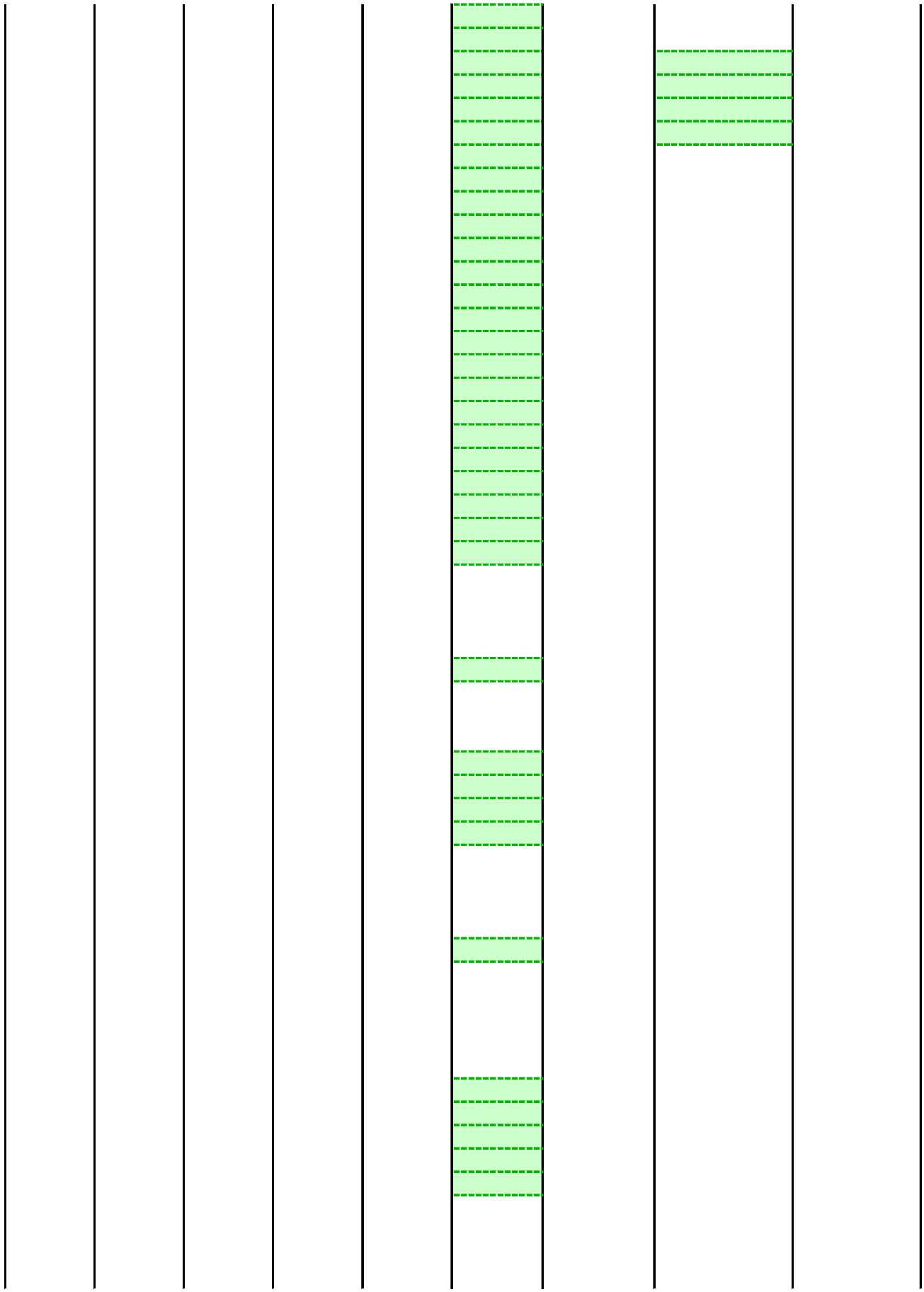


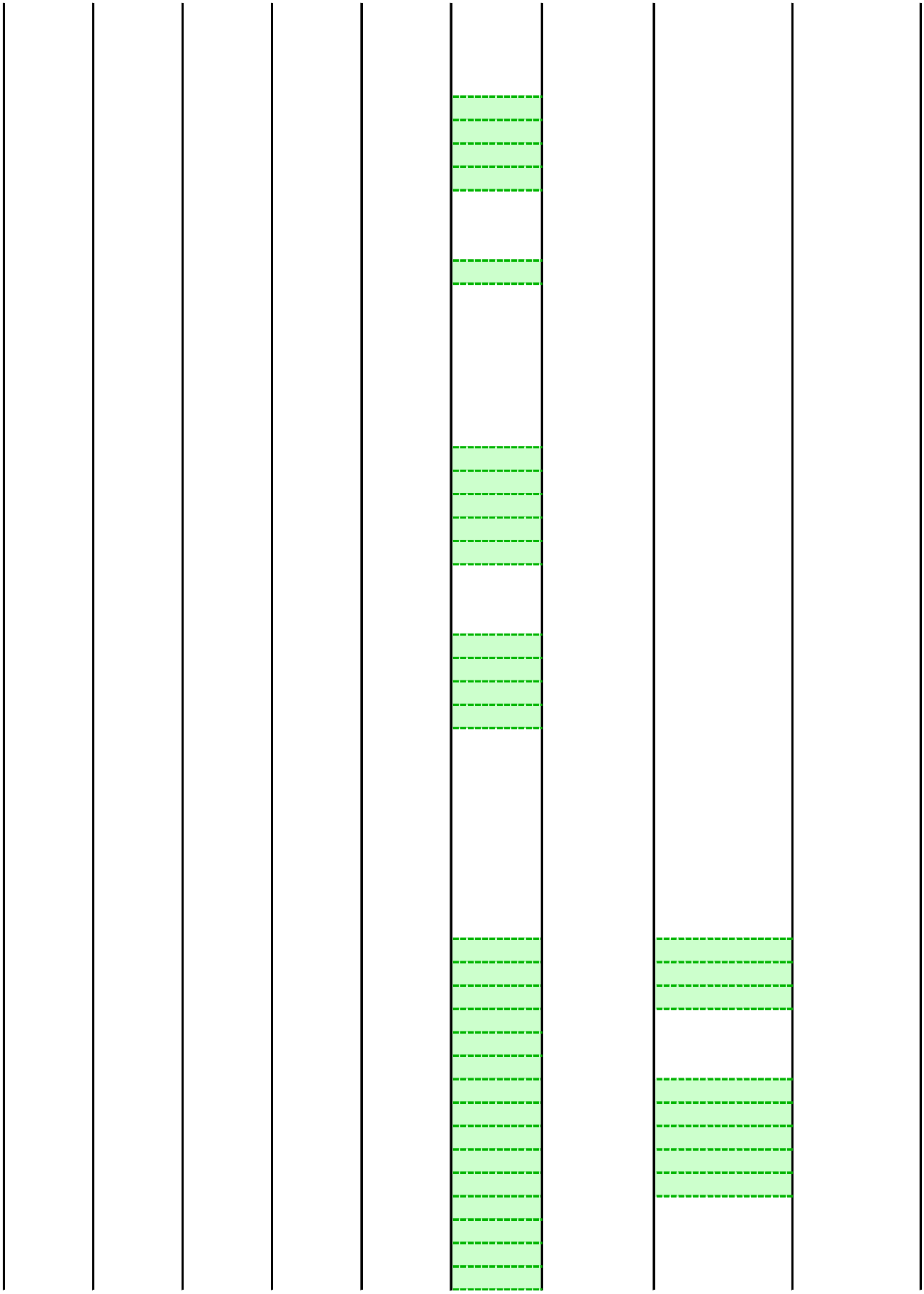


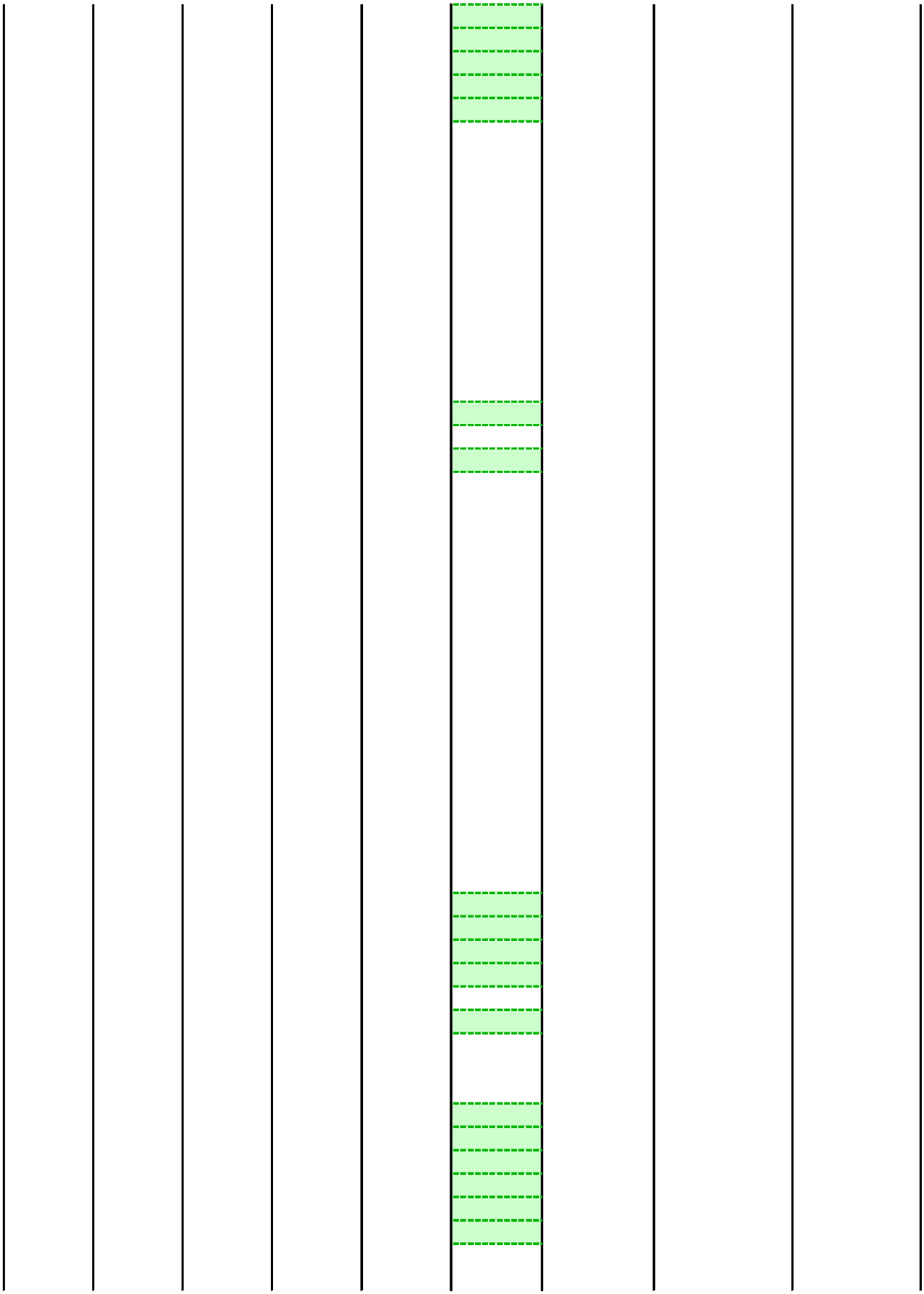


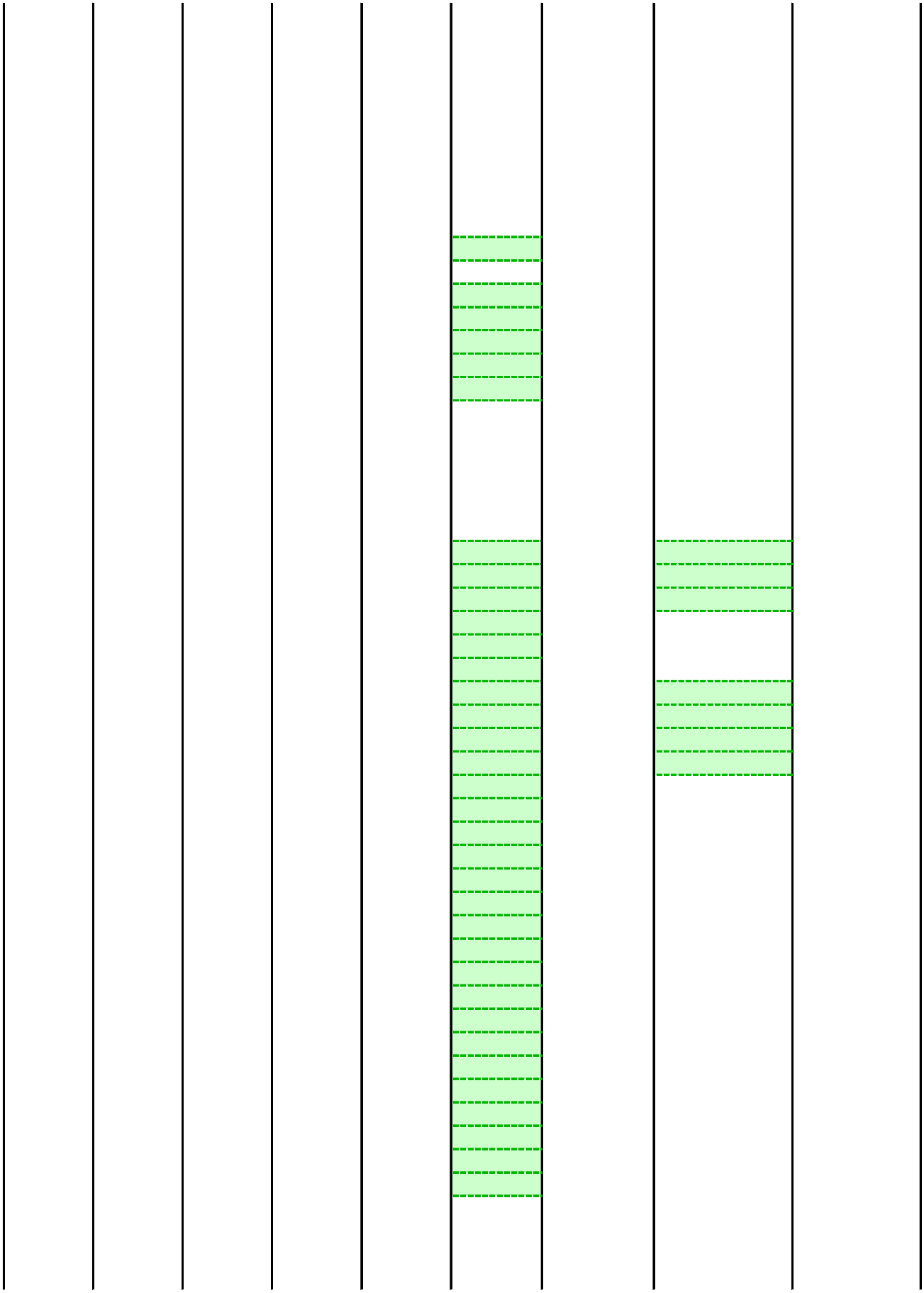


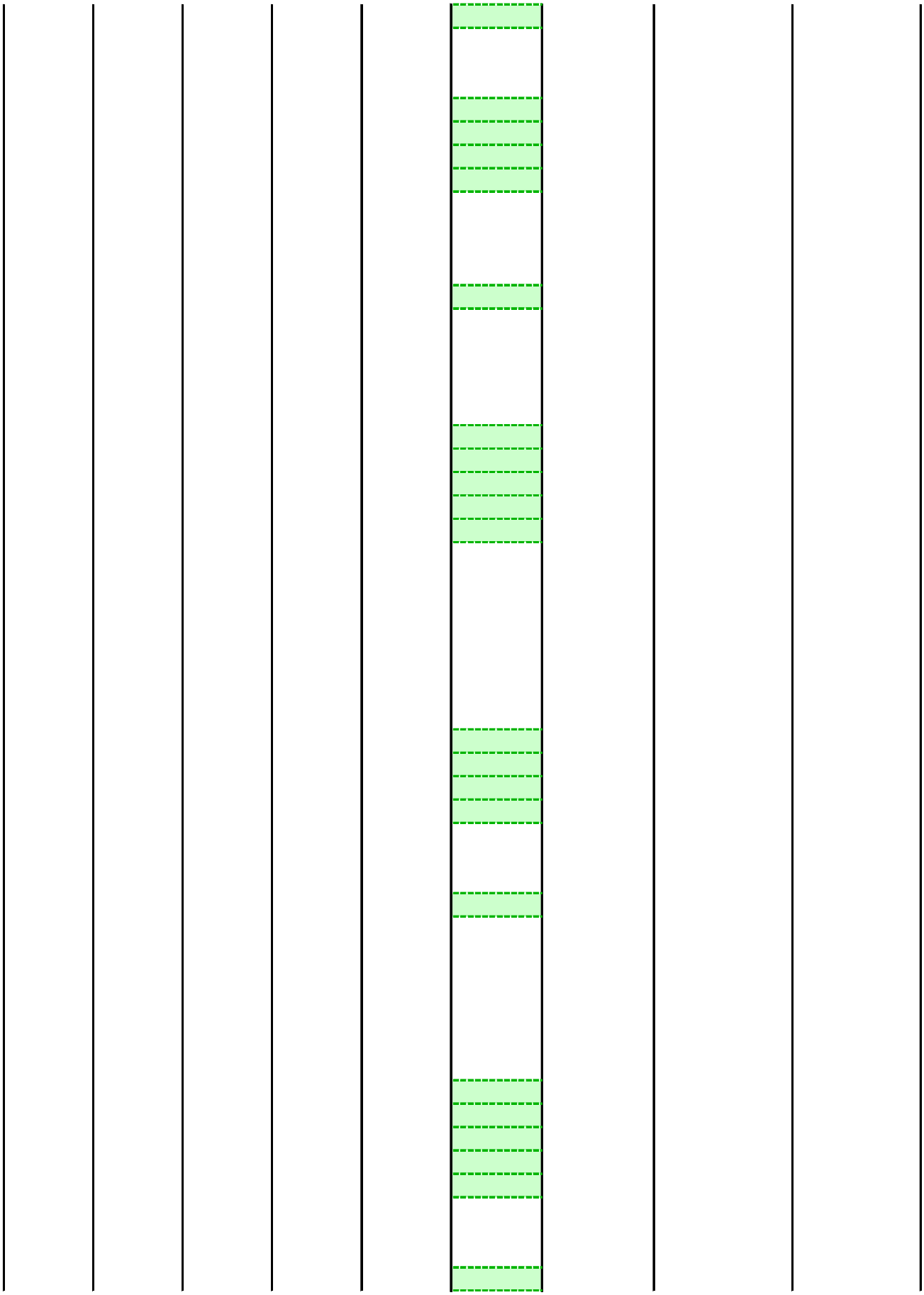


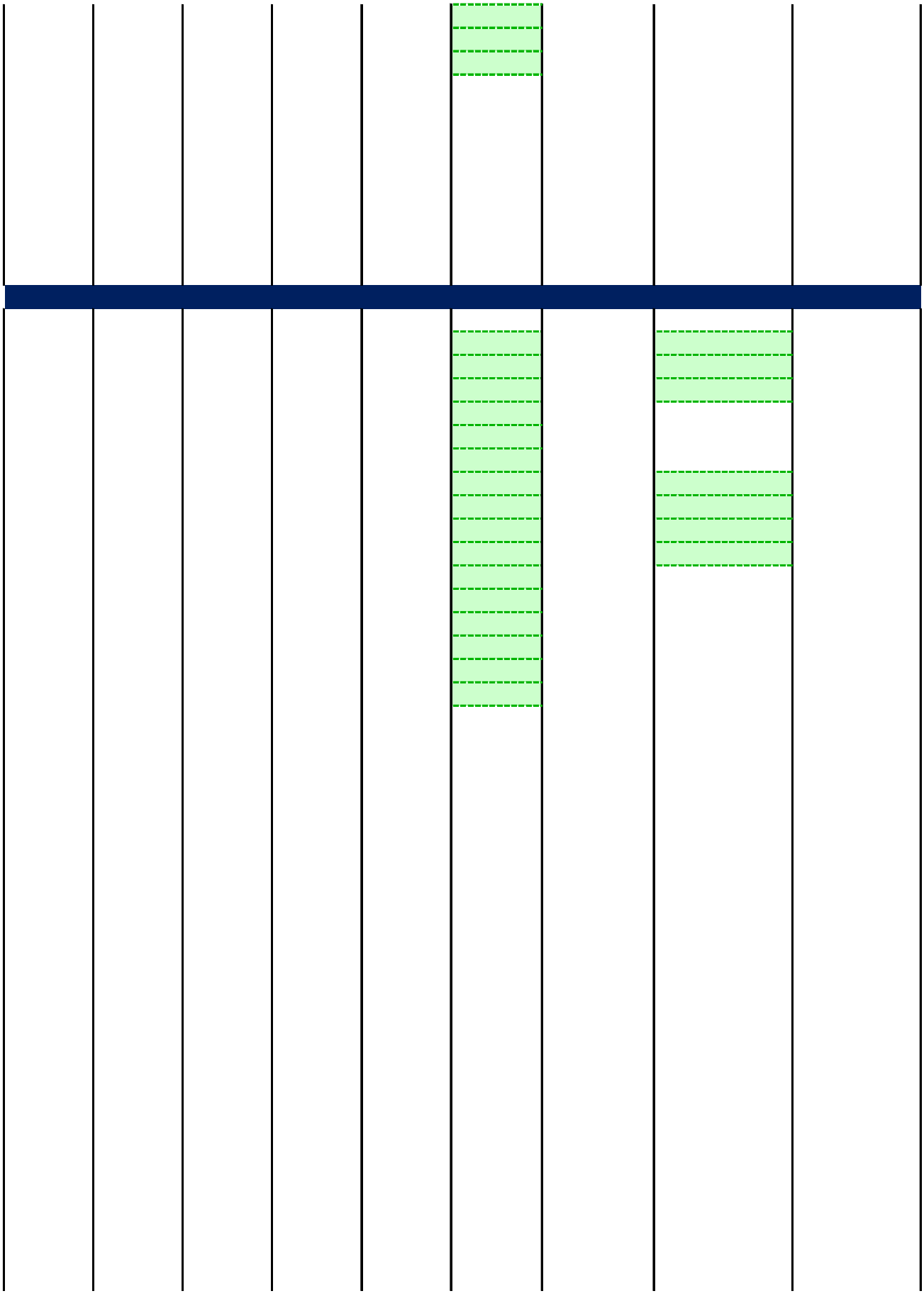


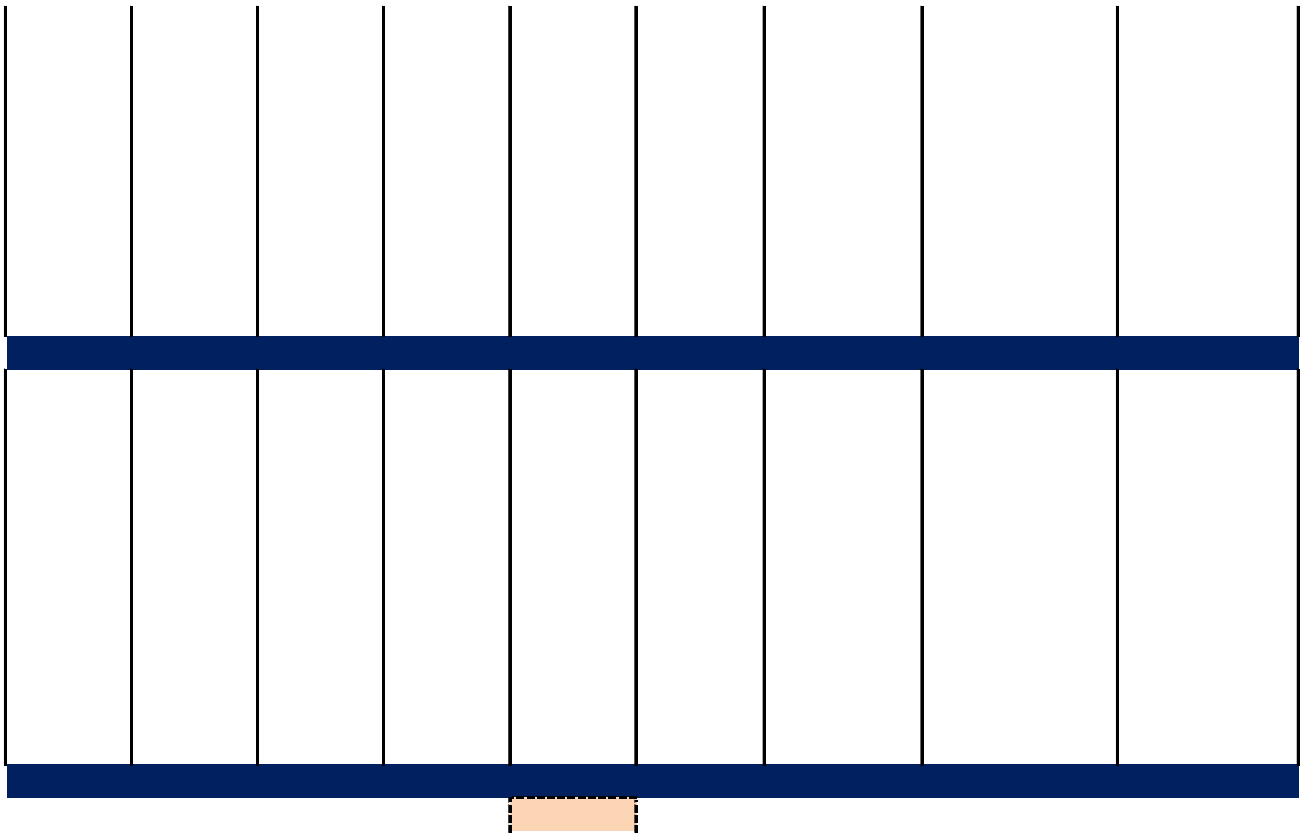












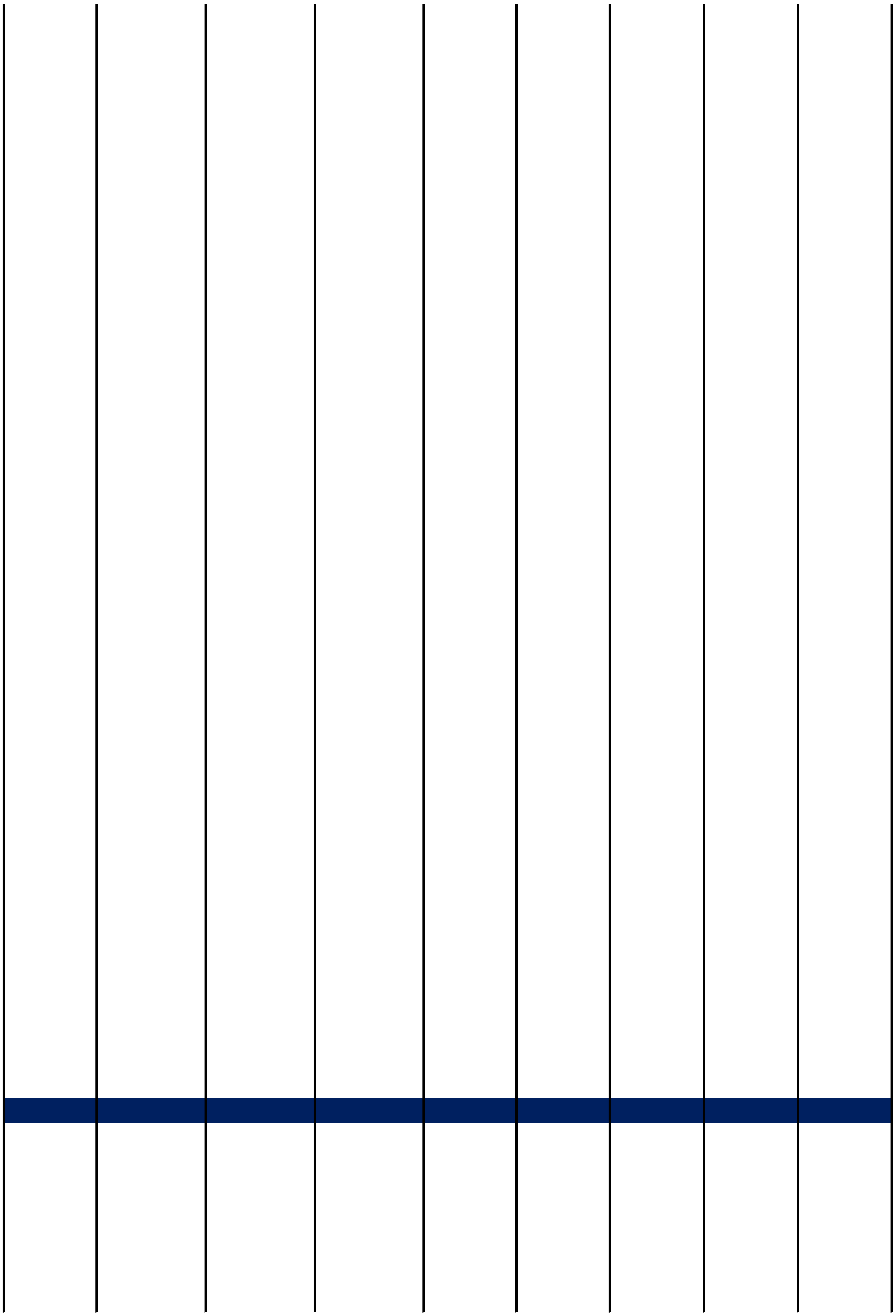
ings				Capacity Savings				
Winter Peak Energy %	Winter Off-Peak Energy %	Summer Peak Energy %	Summer Off-Peak Energy %	Maximum Load Reduction (kW)	Summer Coincident (%)	Winter Coincident (%)	Trans. Coincident (%)	Dist. Coincident (%)
25.4%	29.7%	23.2%	21.7%	0.078	33.6%	20.1%	33.6%	33.6%
25.4%	29.7%	23.2%	21.7%	0.157	33.6%	20.1%	33.6%	33.6%
35.1%	30.7%	19.0%	15.1%	0.030	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.020	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.050	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.050	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.020	54.7%	84.8%	54.7%	54.7%
25.4%	29.7%	23.2%	21.7%	0.000	33.6%	20.1%	33.6%	33.6%
45.0%	55.0%	0.0%	0.0%		0.0%	53.5%	0.0%	0.0%
44.6%	55.4%	0.0%	0.0%	0.108	0.0%	45.2%	0.0%	0.0%
6.6%	3.8%	47.3%	42.2%	0.043	34.6%	0.0%	34.6%	34.6%
6.6%	3.8%	47.3%	42.2%	0.073	34.6%	0.0%	34.6%	34.6%
6.6%	3.8%	47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
40.9%	34.2%	13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
6.6%	3.8%	47.3%	42.2%	0.000	34.6%	0.0%	34.6%	34.6%
44.6%	55.4%	0.0%	0.0%	0.000	0.0%	45.2%	0.0%	0.0%
40.9%	34.2%	13.3%	11.6%	0.000	21.4%	39.9%	21.4%	21.4%
35.1%	30.7%	19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.000	54.7%	84.8%	54.7%	54.7%
36.4%	29.9%	18.3%	15.4%	0.000	49.1%	52.0%	49.1%	49.1%
43.1%	56.9%	0.0%	0.0%	0.110	0.0%	43.3%	0.0%	0.0%
43.1%	56.9%	0.0%	0.0%	0.000	0.0%	43.3%	0.0%	0.0%
35.1%	30.7%	19.0%	15.1%	0.030	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.020	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.050	54.7%	84.8%	54.7%	54.7%

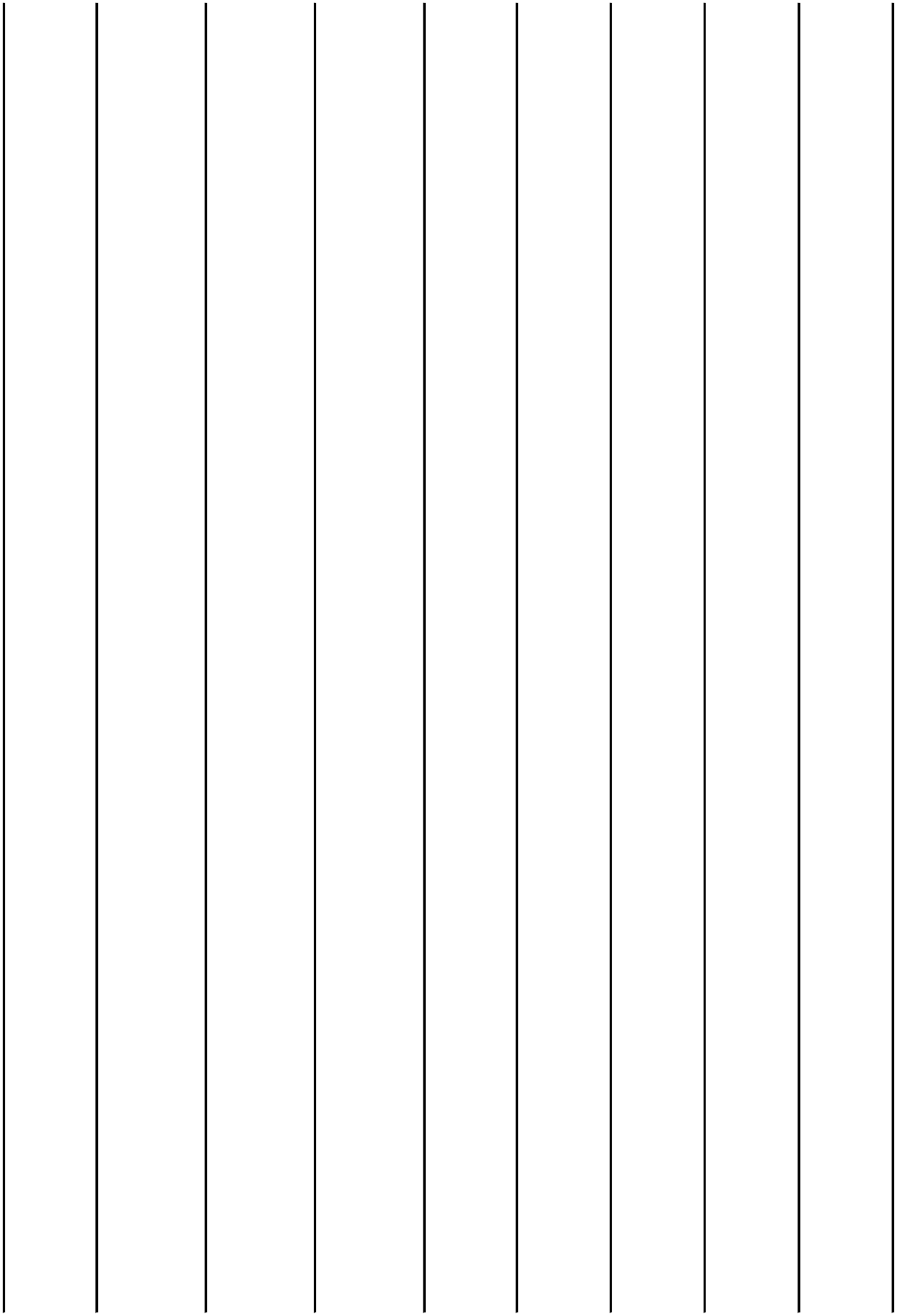
35.1%	30.7%	19.0%	15.1%	0.050	54.7%	84.8%	54.7%	54.7%
35.1%	30.7%	19.0%	15.1%	0.020	54.7%	84.8%	54.7%	54.7%
43.1%	56.9%	0.0%	0.0%		0.0%	43.3%	0.0%	0.0%
45.0%	55.0%	0.0%	0.0%		0.0%	53.5%	0.0%	0.0%
44.6%	55.4%	0.0%	0.0%	0.108	0.0%	45.2%	0.0%	0.0%
6.6%	3.8%	47.3%	42.2%		34.6%	0.0%	34.6%	34.6%
6.6%	3.8%	47.3%	42.2%	0.073	34.6%	0.0%	34.6%	34.6%
44.6%	55.4%	0.0%	0.0%	0.067	0.0%	45.2%	0.0%	0.0%
44.6%	55.4%	0.0%	0.0%	0.067	0.0%	45.2%	0.0%	0.0%
25.4%	29.7%	23.2%	21.7%	-0.104	33.6%	20.1%	33.6%	33.6%
6.6%	3.8%	47.3%	42.2%	0.043	34.6%	0.0%	34.6%	34.6%
40.9%	34.2%	13.3%	11.6%	-0.015	21.4%	39.9%	21.4%	21.4%
40.9%	34.2%	13.3%	11.6%	-0.015	21.4%	39.9%	21.4%	21.4%
40.9%	34.2%	13.3%	11.6%	-0.010	21.4%	39.9%	21.4%	21.4%
25.4%	29.7%	23.2%	21.7%		33.6%	20.1%	33.6%	33.6%
25.4%	29.7%	23.2%	21.7%	0.019	33.6%	20.1%	33.6%	33.6%
0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%

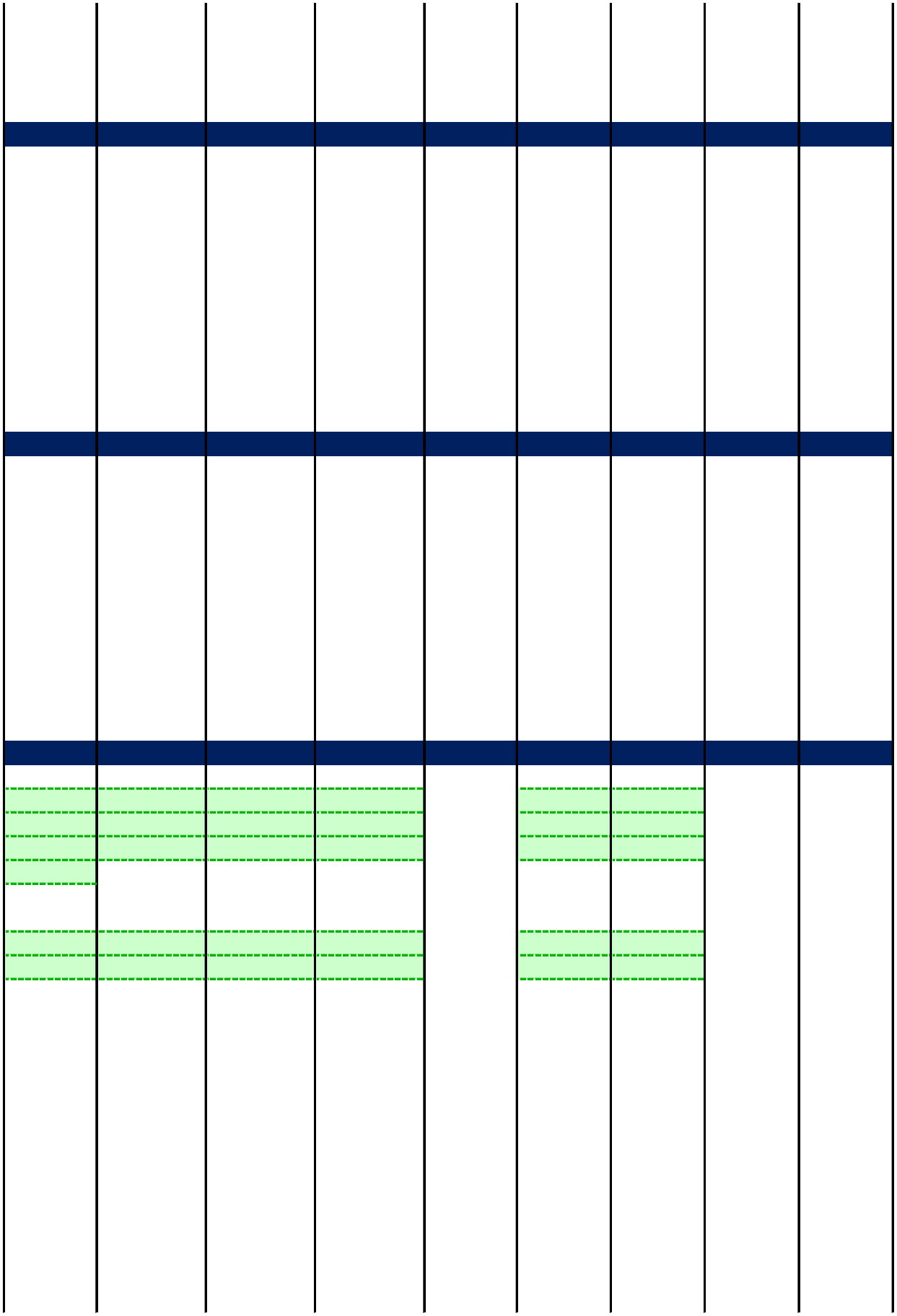
0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%
44.6% 44.6%	55.4% 55.4%	0.0% 0.0%	0.0% 0.0%	0.108 0.108	0.0% 0.0%	45.2% 45.2%	0.0% 0.0%	0.0% 0.0%

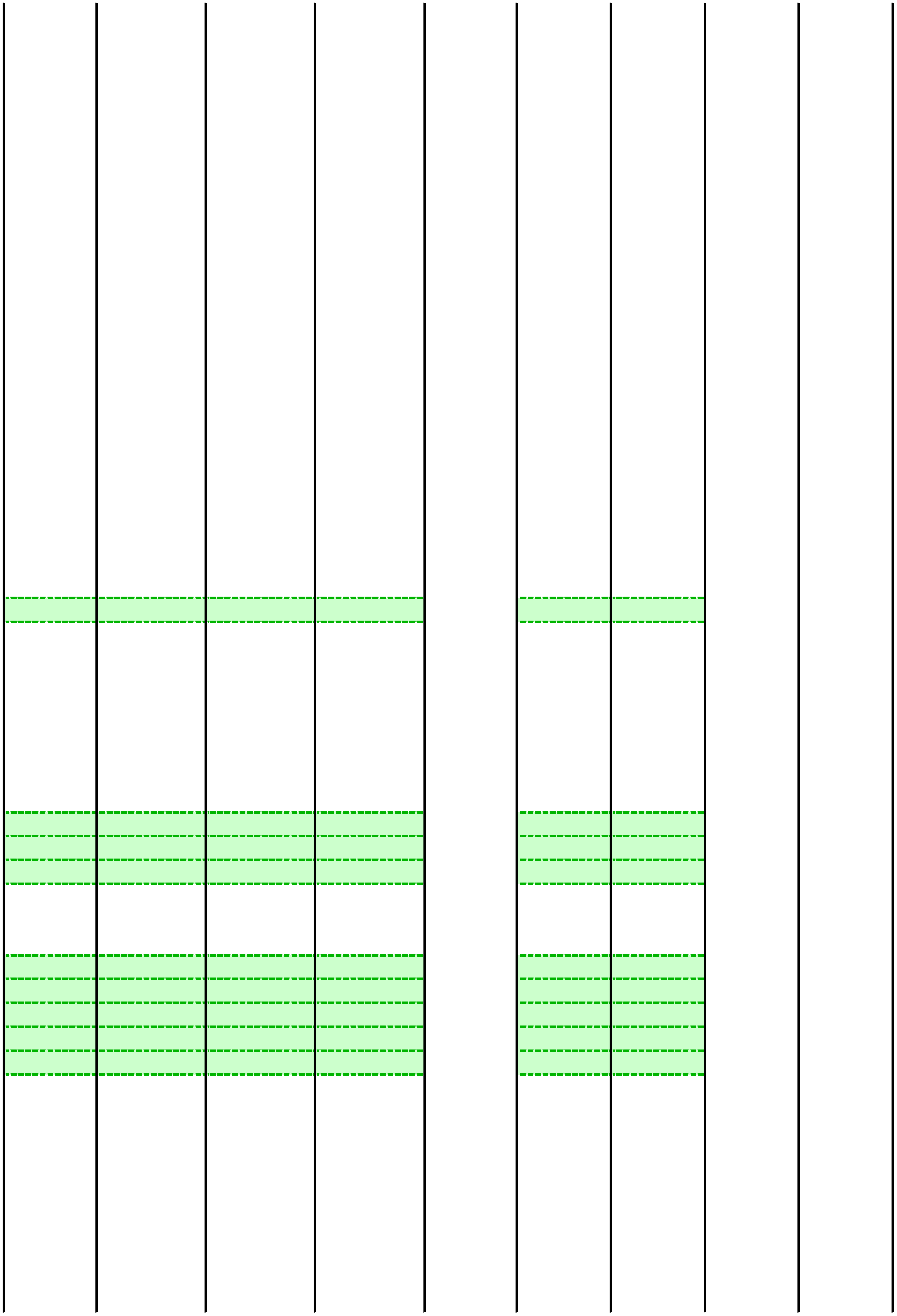
0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.000	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%
0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%		0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%	0.0% 0.0% 0.0% 0.0%
44.6% 44.6%	55.4% 55.4%	0.0% 0.0%	0.0% 0.0%	0.108 0.108	0.0% 0.0%	45.2% 45.2%	0.0% 0.0%	0.0% 0.0%

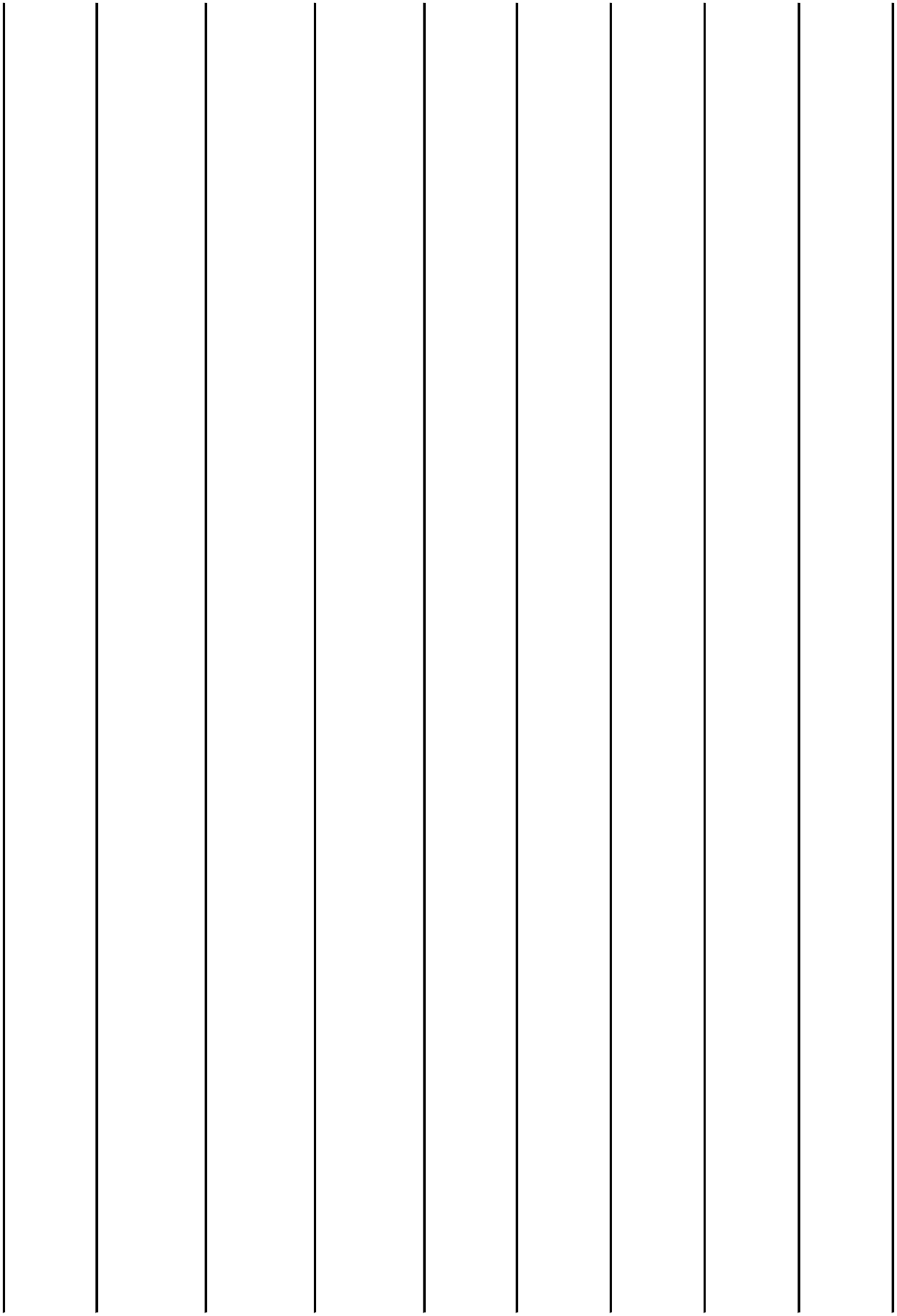
x	x	x	x	x	x	x	x	x

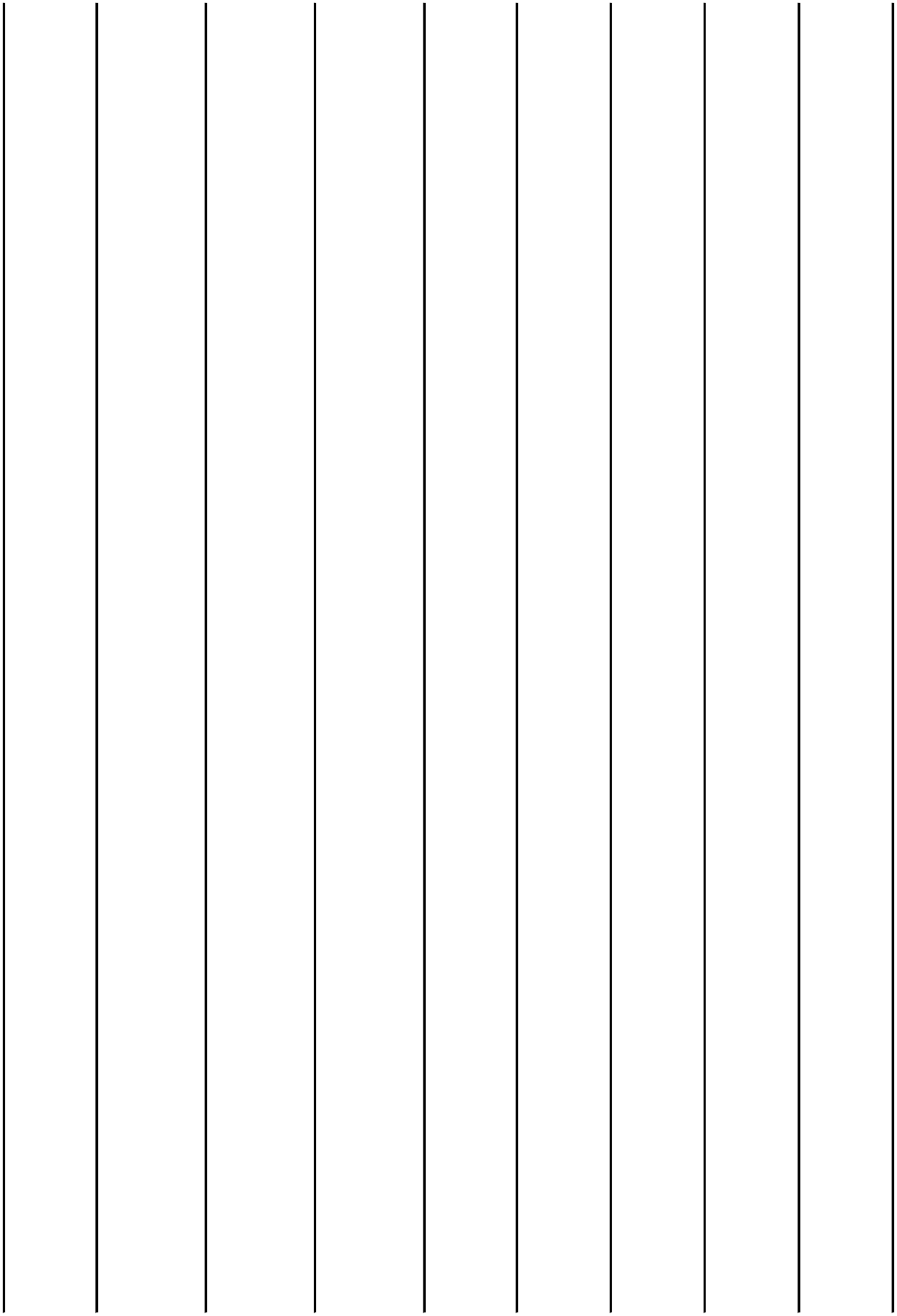


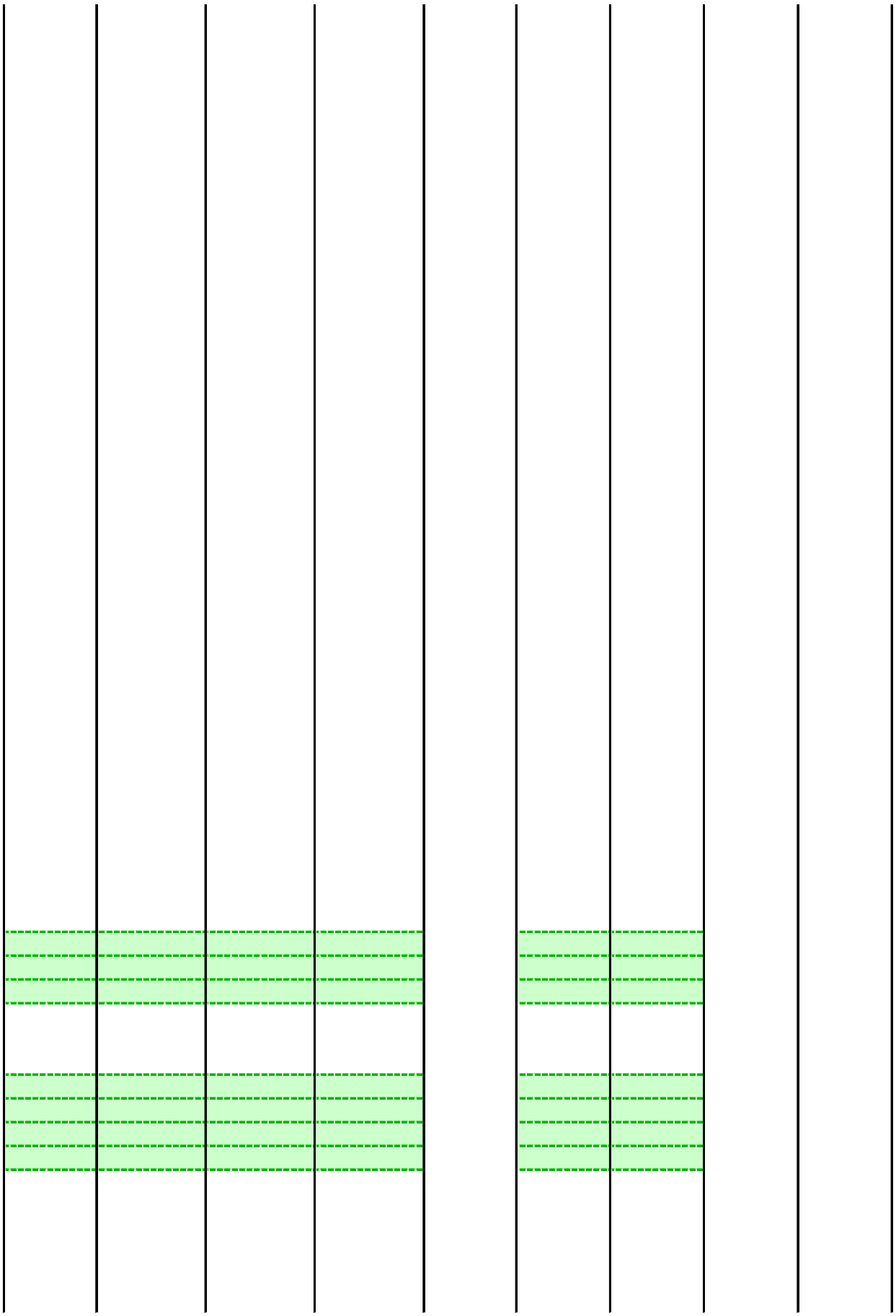


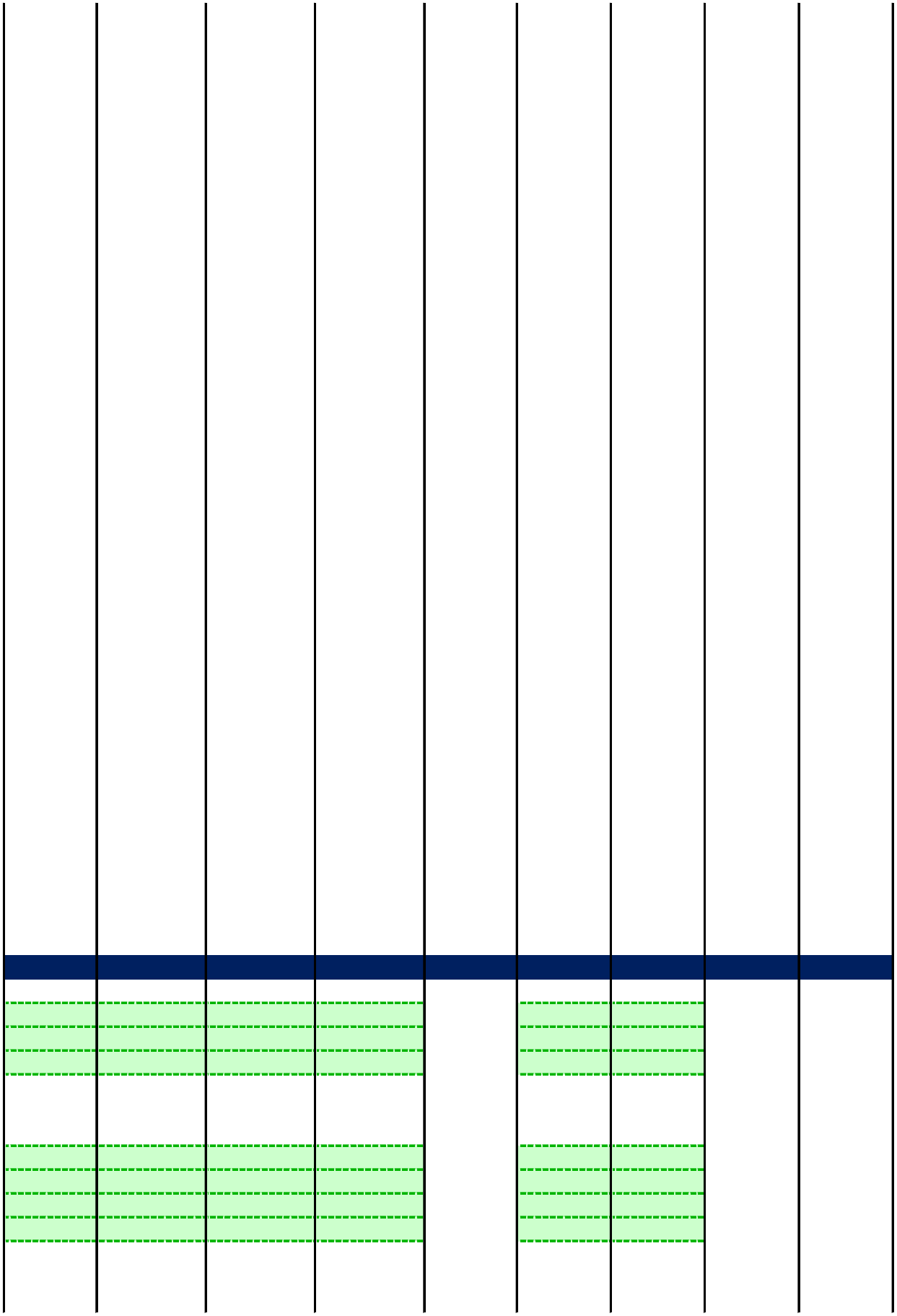


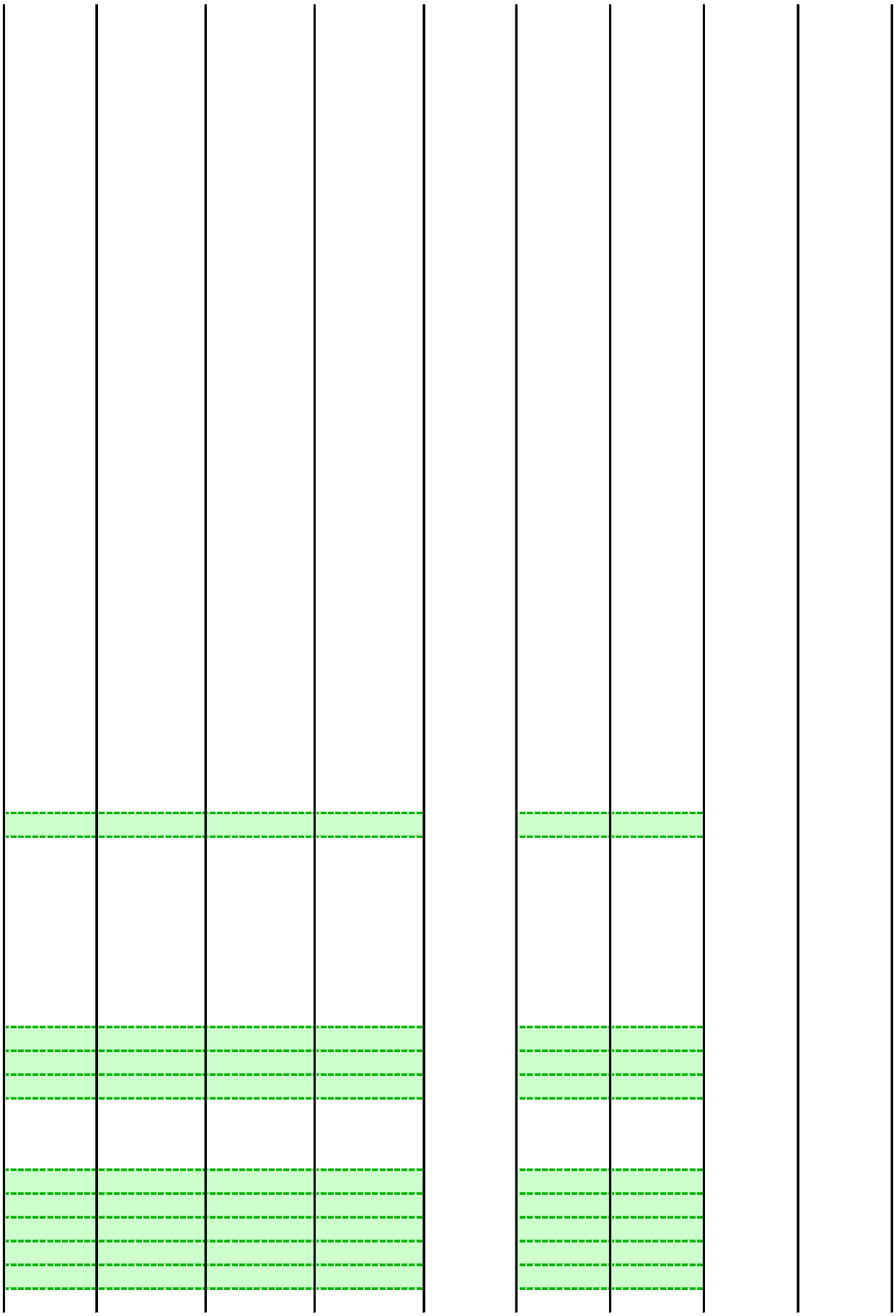


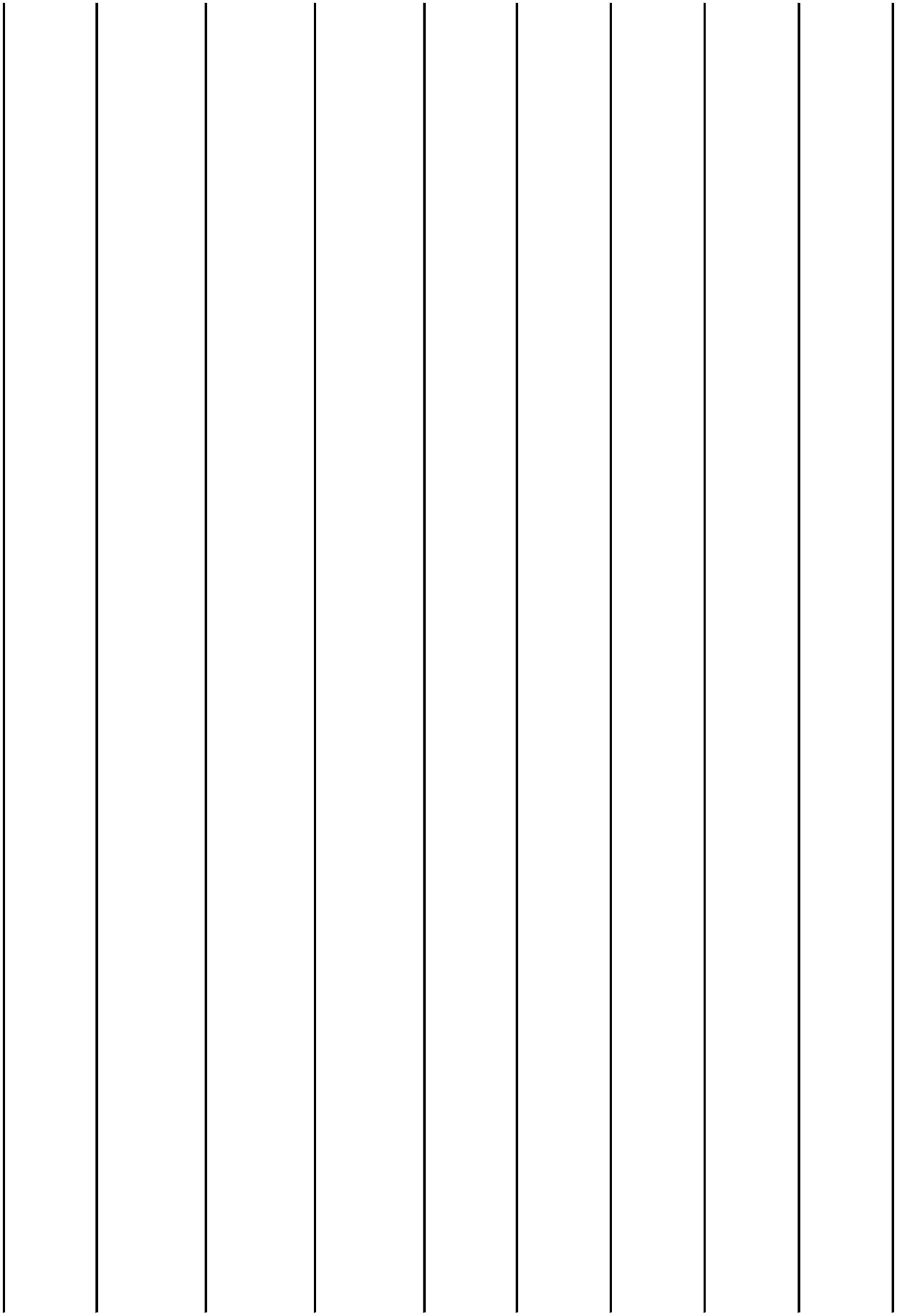


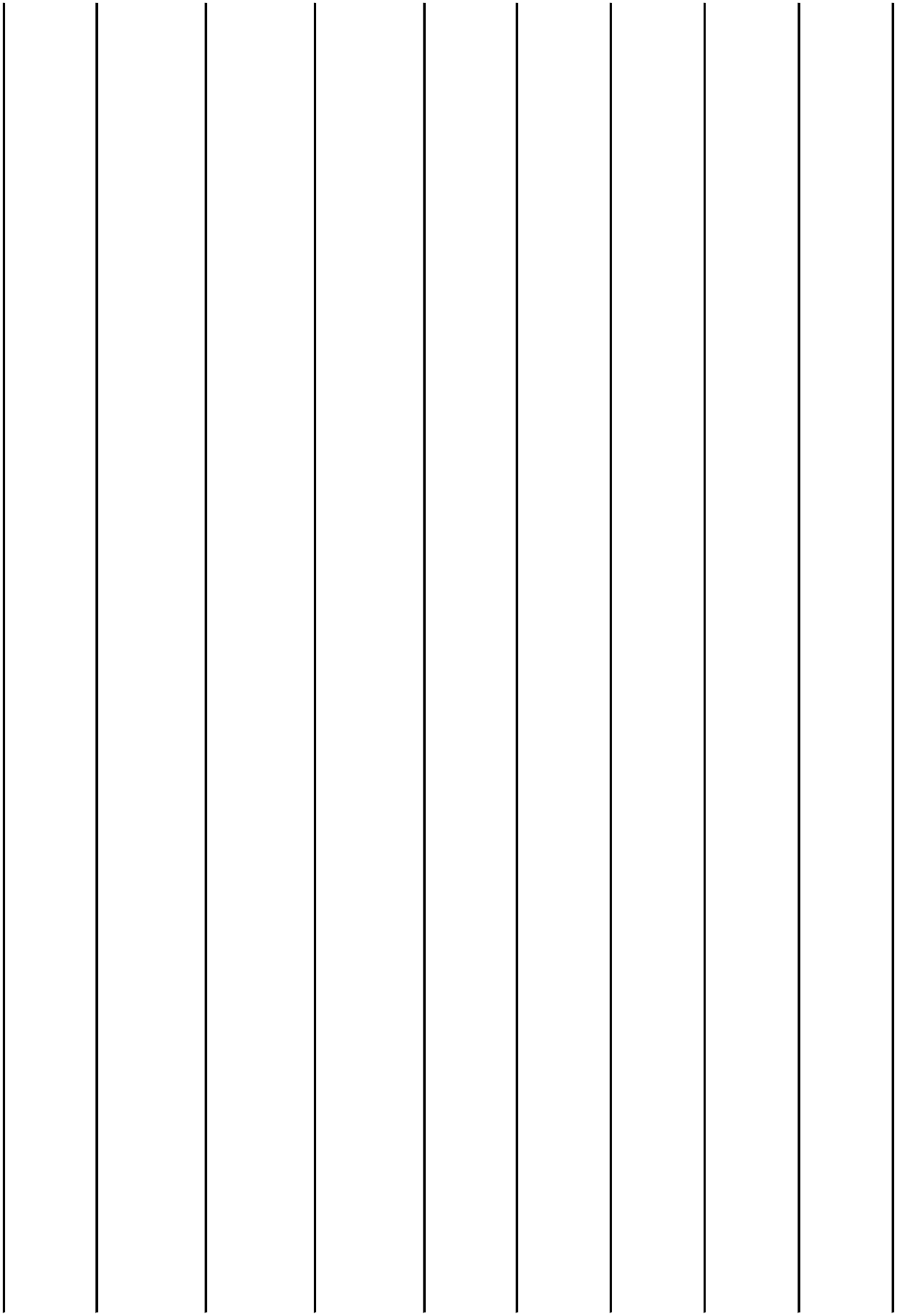


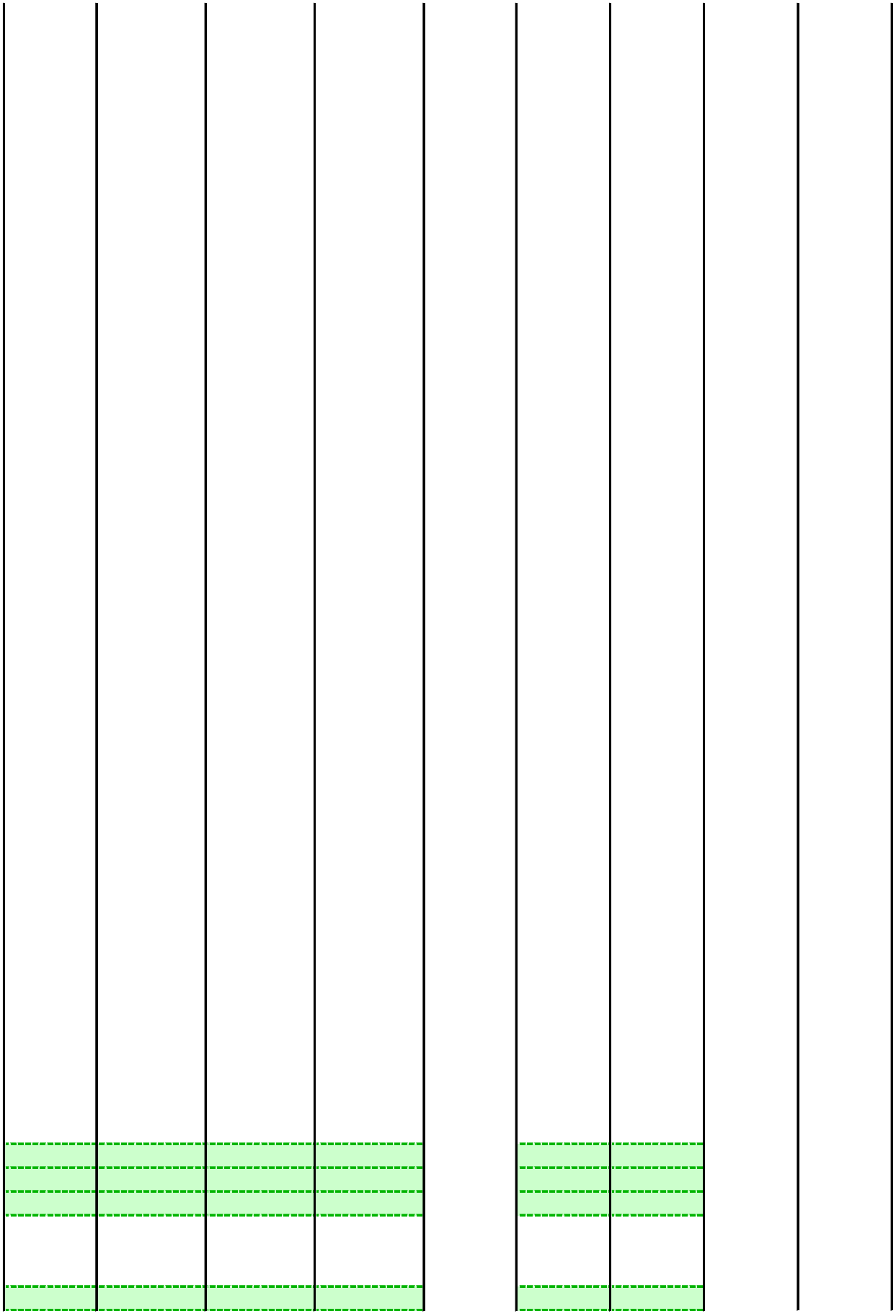


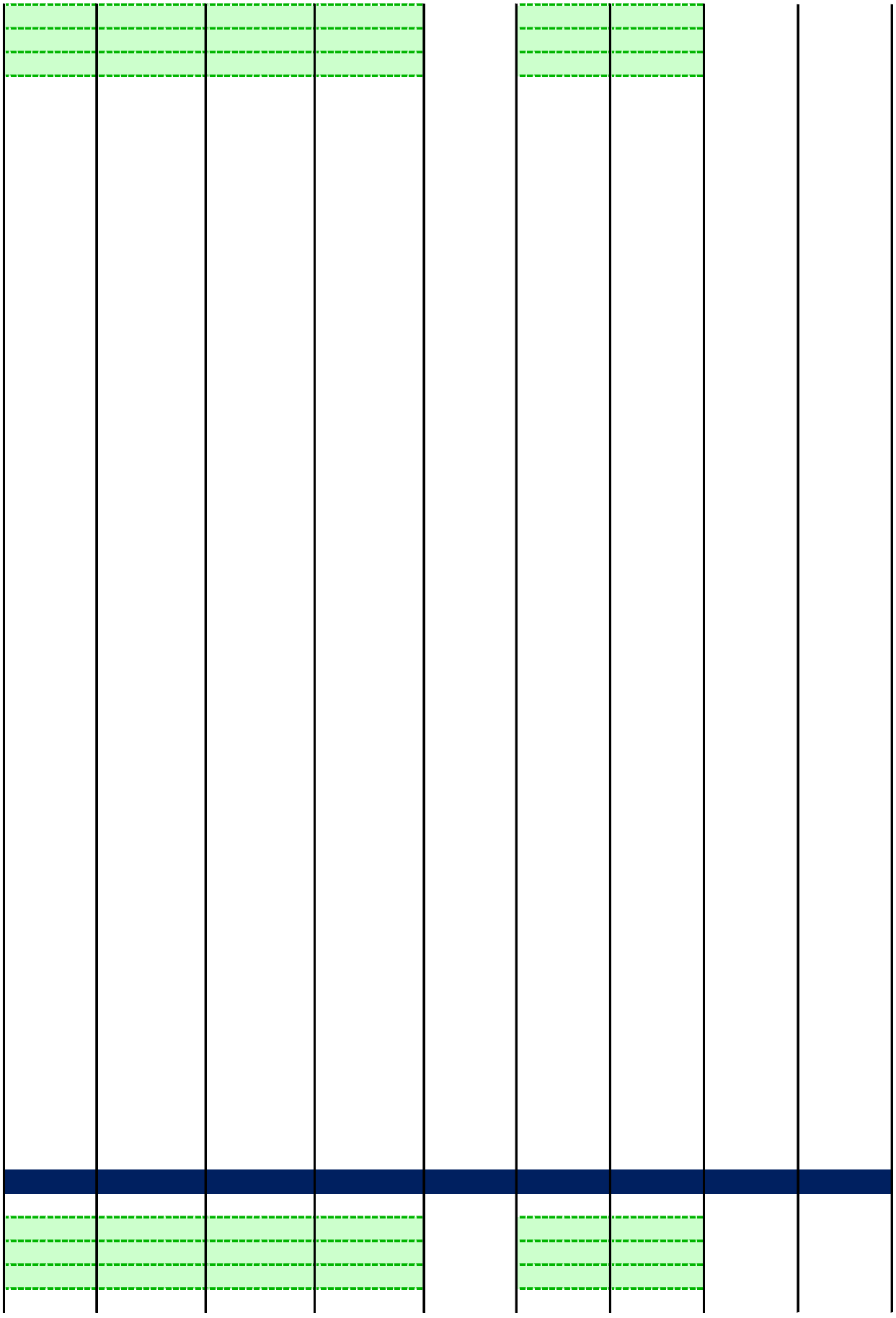


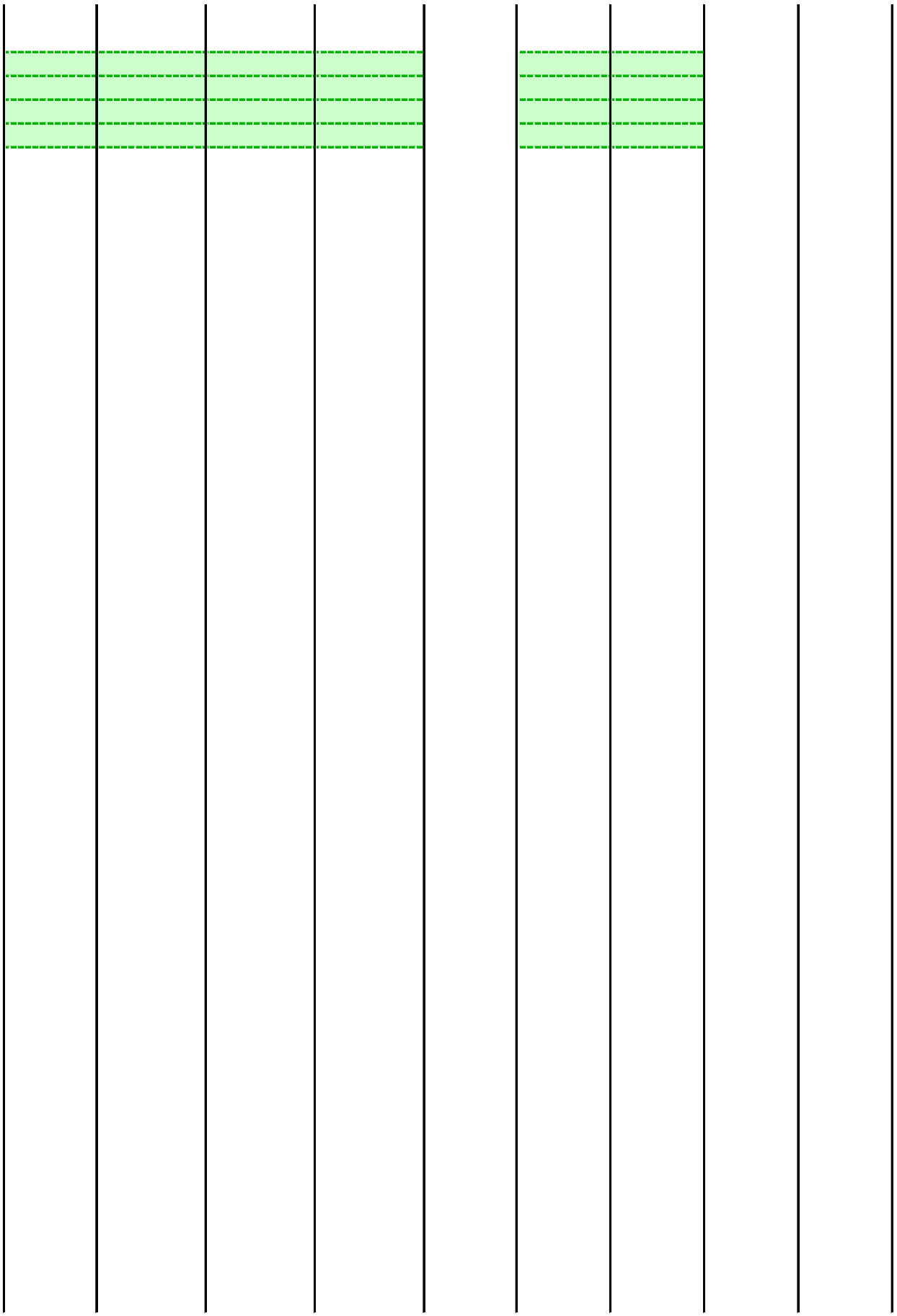


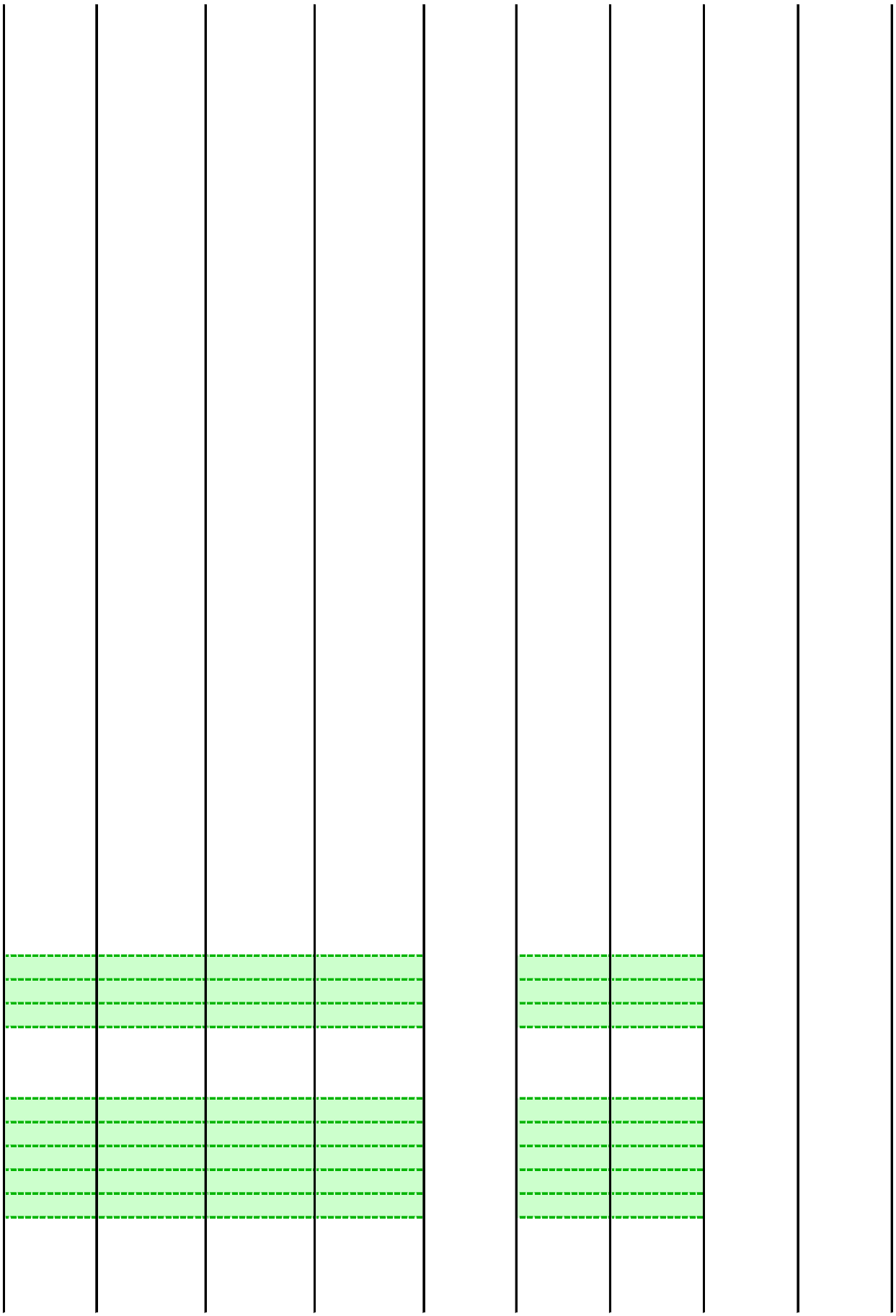


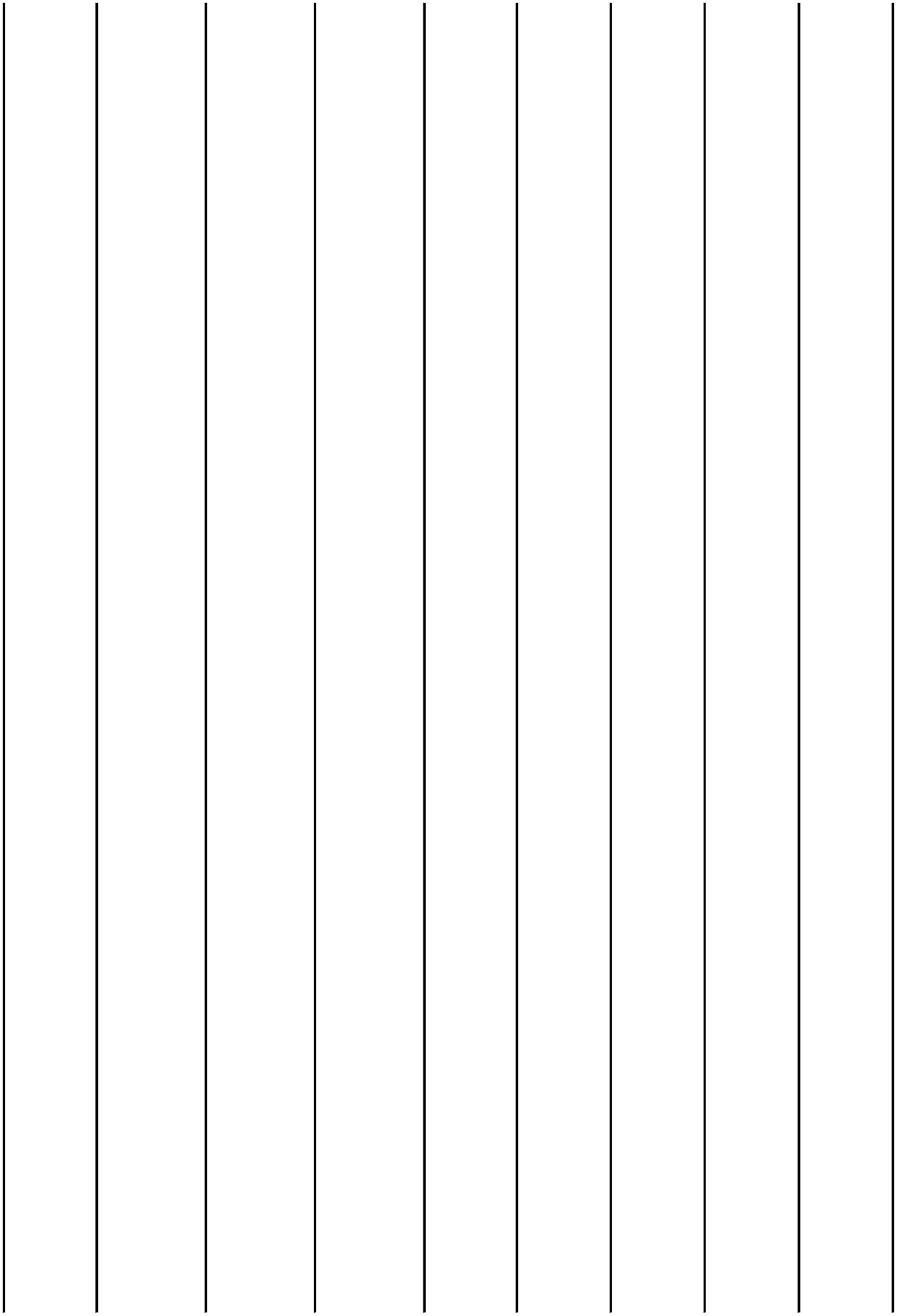


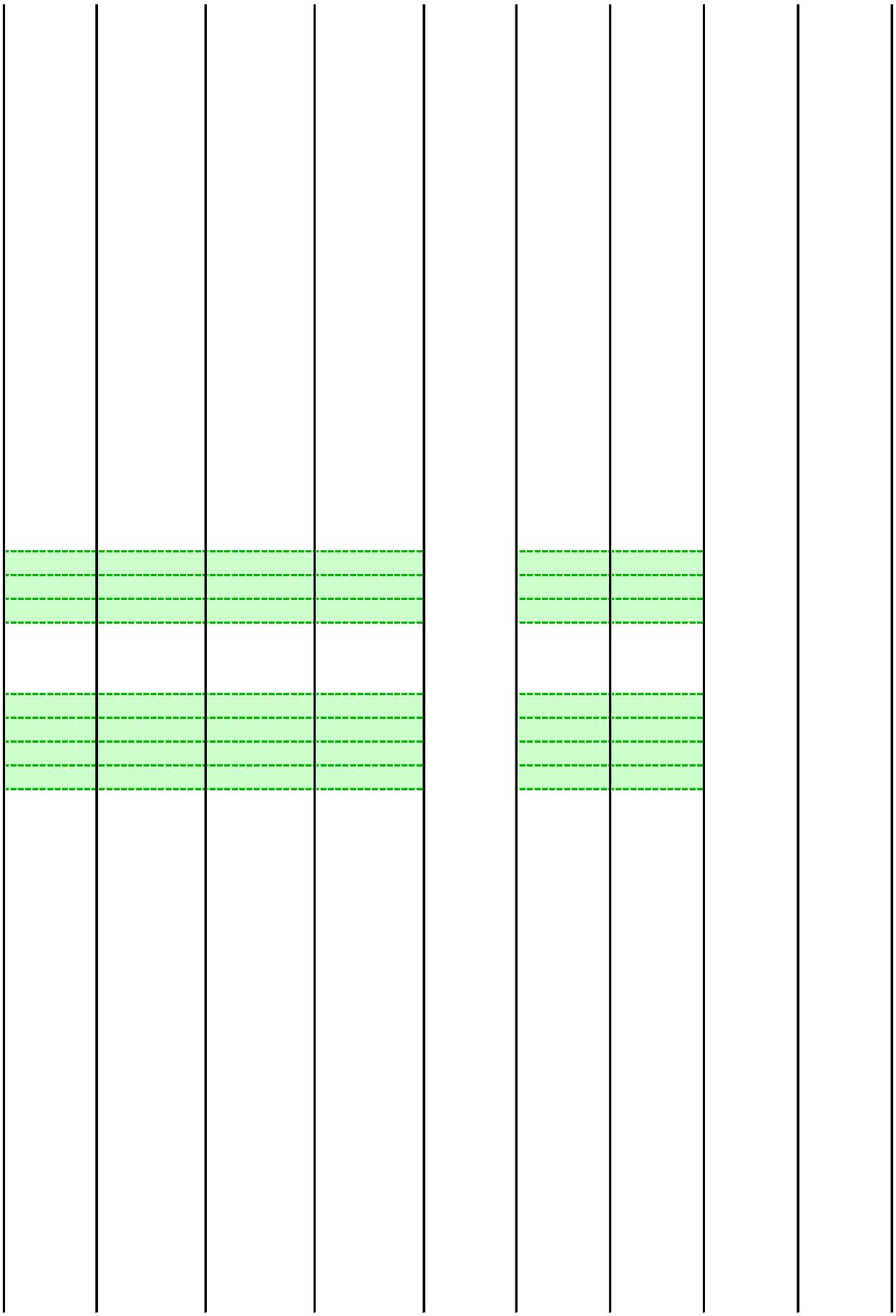


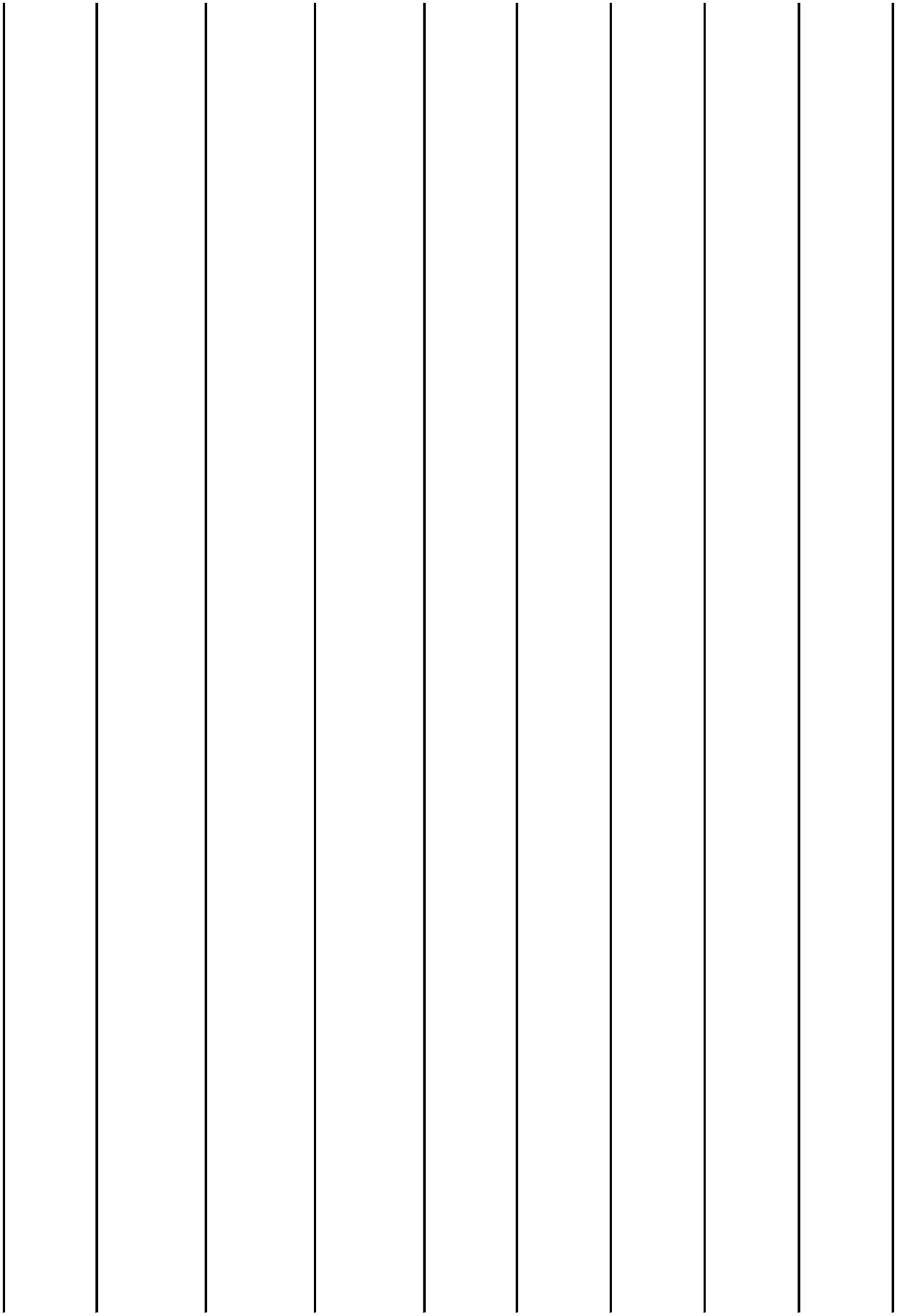


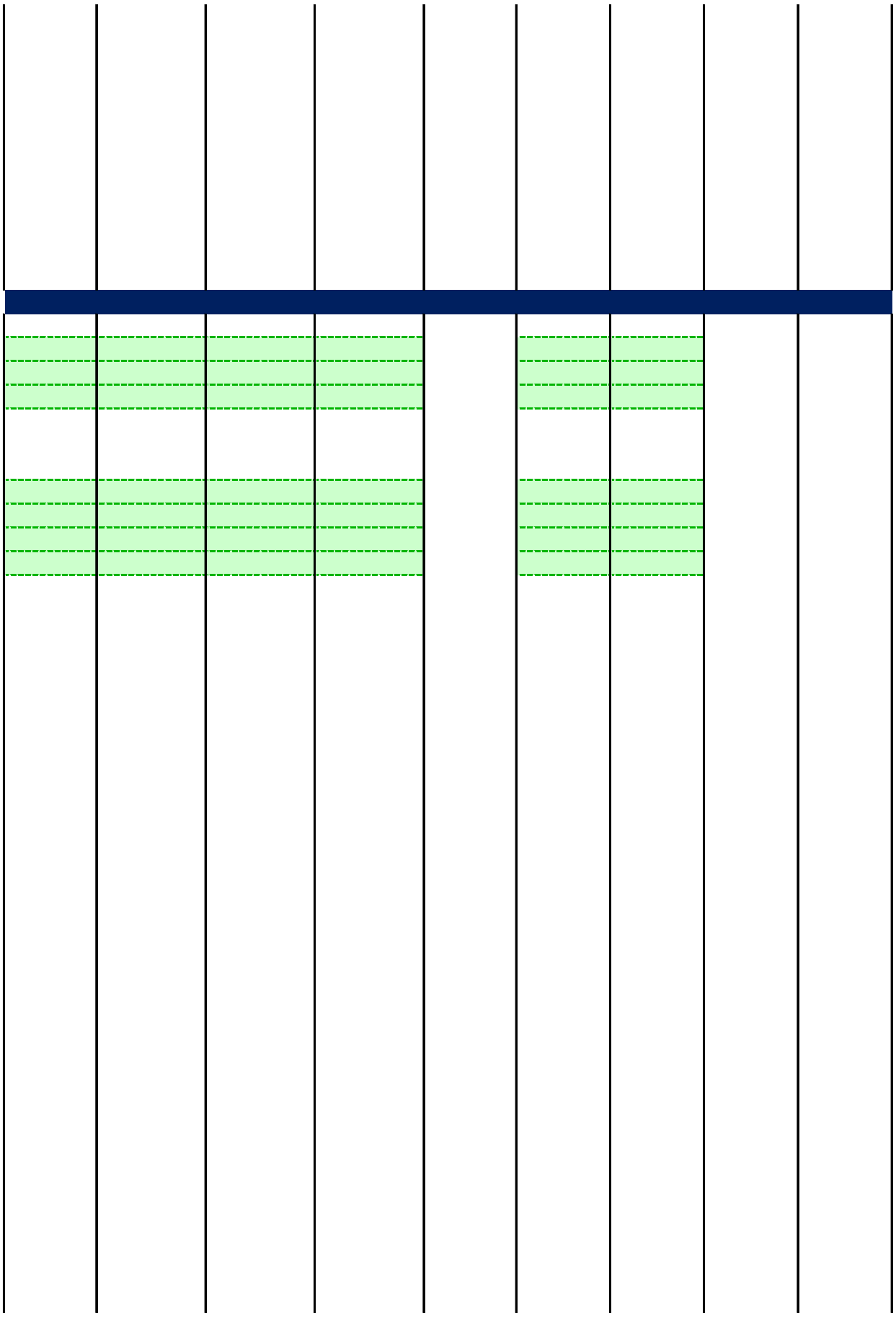


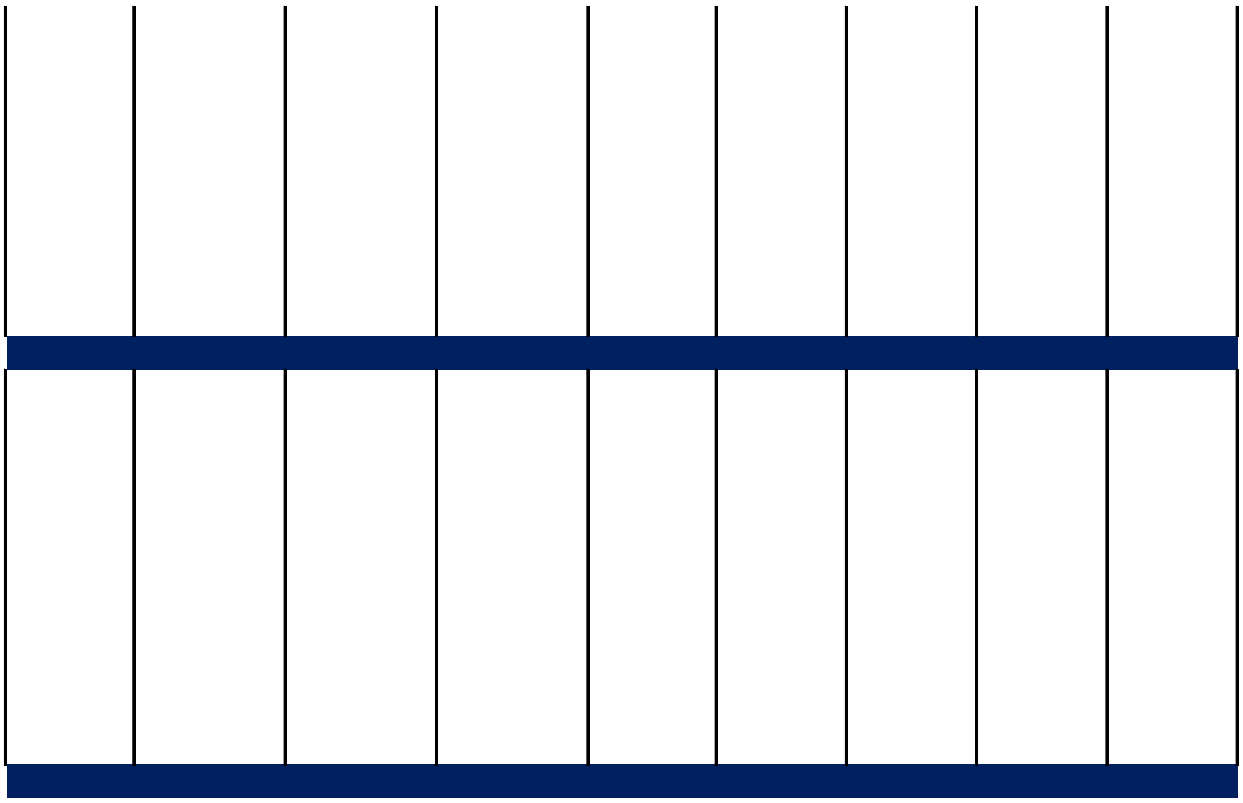












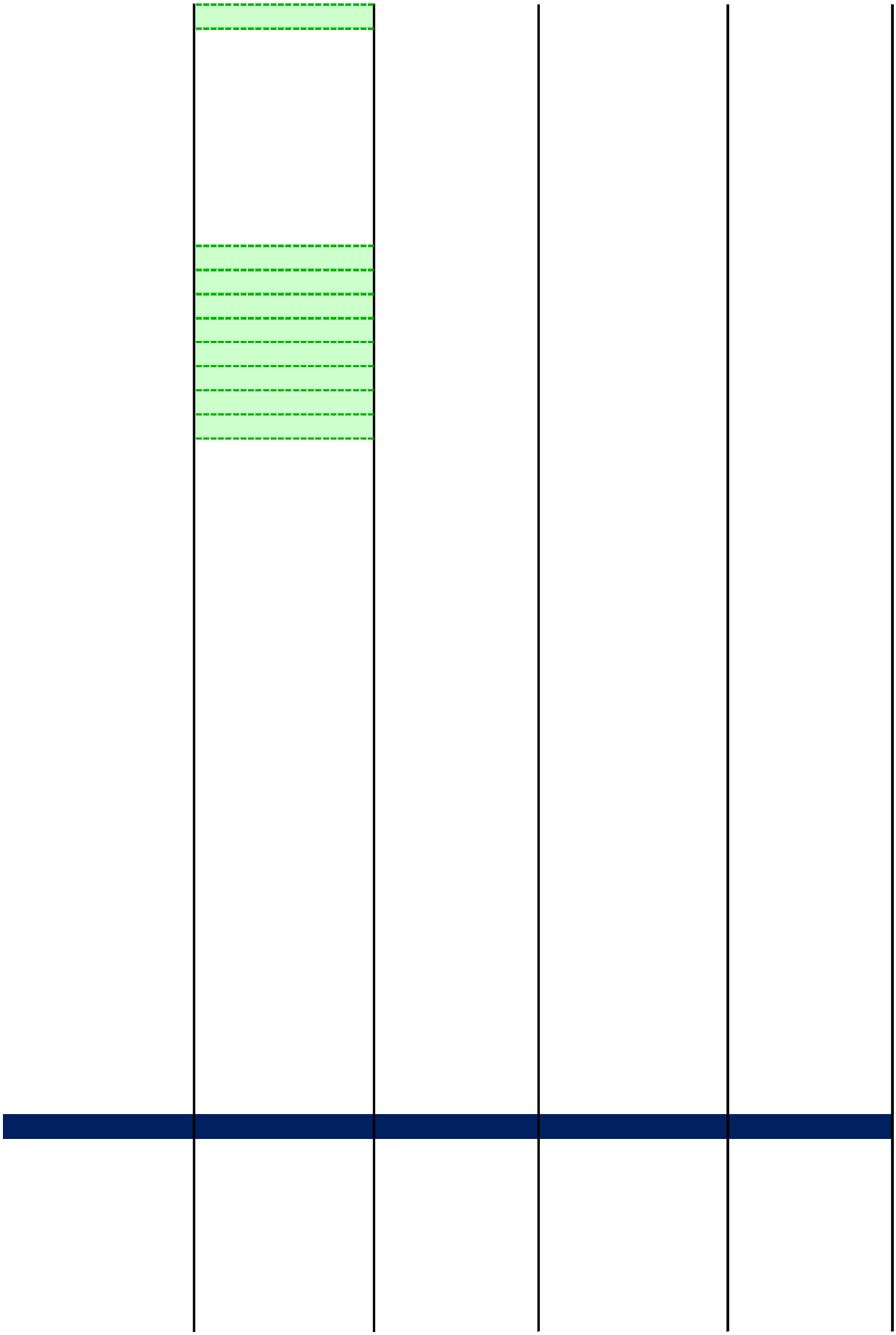
Non-Electric Benefits				
Fossil Fuel Type #1 (Dropdown)	**Savings from Fuel Type #1 (MMBtu/Year)**	**Fossil Fuel Type #2** (Dropdown)	**Savings from Fuel Type #2 (MMBtu/Year)**	**Fossil Fuel Type #3** (Dropdown)
NG - Res Heating	18.00			
NG - Res Hot Water	0.16			
NG - Res Hot Water	0.63			
NG - Res Heating	40.00			
	-			
	-			
	-			
	-			
	-			
NG - Res Hot Water	0.63			
NG - Res Hot Water	3.00			
	-			
	-			
	-			
	-			
	-			
NG - Res Heating	-			
NG - Res Heating				
NG - Res Heating	40.00			
NG - Res Heating	15.00			
NG - Res Heating	3.50			
NG - Res Heating	5.80			
	-			
NG - Res Heating	26.00			
NG - Res Hot Water	3.50			
	-			
NG - Res Heating	15.75			
NG - Res Hot Water	3.00			
	-			
	-			
NG - Res Hot Water	0.90			
	-			
	-			
NG - Res All	-			
NG - Res Heating	12.00			
NG - Res Hot Water	0.16			
NG - Res Hot Water	0.63			
NG - Res Heating	25.00	Cord Wood	0.50	
	-			
	-			

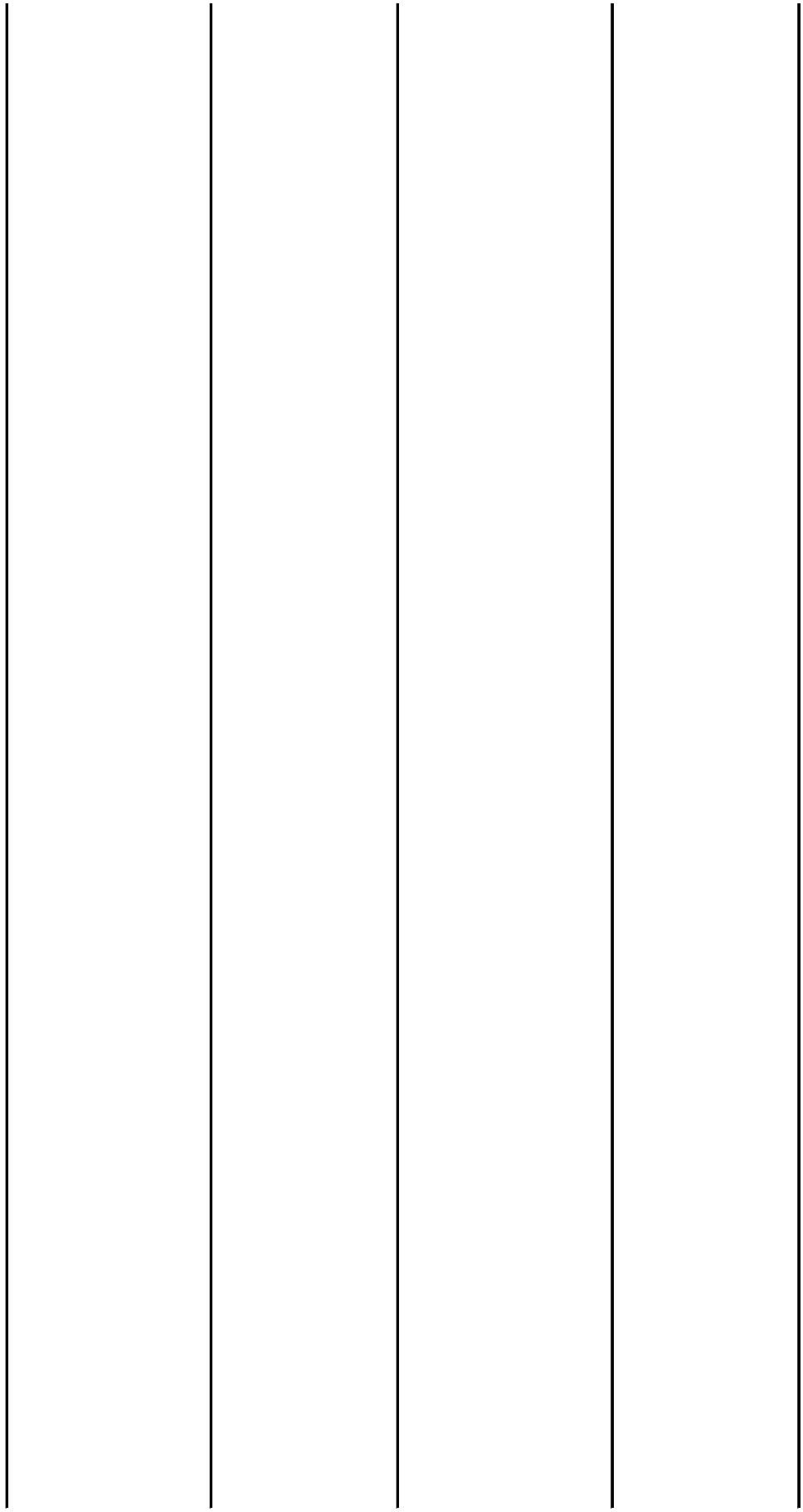
	-				
	-				
NG - Res Hot Water	0.63				
NG - Res Hot Water	4.00				
	-				
	-				
	-				
	-				
	-				
	-				
	-				
NG - Res Heating	12.10				
NG - Res Heating	-				
NG - Res Heating	3.50				
NG - Res Heating	5.80				
NG - Res Heating	11.40				
NG - Res Heating	7.00				
NG - Res Heating	2.90				
NG - Res Heating	8.00				
NG - Res Heating	5.10				
NG - Res Heating	12.10				
NG - Res Heating	14.80				
NG - Res Heating	9.80				
NG - Res Heating	10.30				
NG - Res Heating	7.70				
NG - Res Heating	3.50				
NG - Res Hot Water	4.00				
NG - Res Hot Water	8.40				
NG - Res Hot Water	12.80				
NG - Res Hot Water	7.00				
NG - Res Hot Water	3.00				
NG - Res Hot Water	10.20				
NG - Res Hot Water	7.30				
NG - Res Heating	5.80				
NG - Res Heating	5.80				
	-				
	-				
NG - Res Heating	0.52				
NG - Res Non Heating	78.57				
NG - C&I Gas Heat	700.00				
NG - C&I Gas Heat	550.00				
NG - Res Non Heating	2,000.00				
NG - C& I Gas Non H	1.70				
NG - C& I Gas Non H	0.33				
NG - C& I Gas Non H	2.65				
NG - C& I Gas Non H	5.25				
NG - C& I Gas Non H	11.40				
NG - C&I Gas Heat	35.50				
NG - C&I Gas Heat	-				

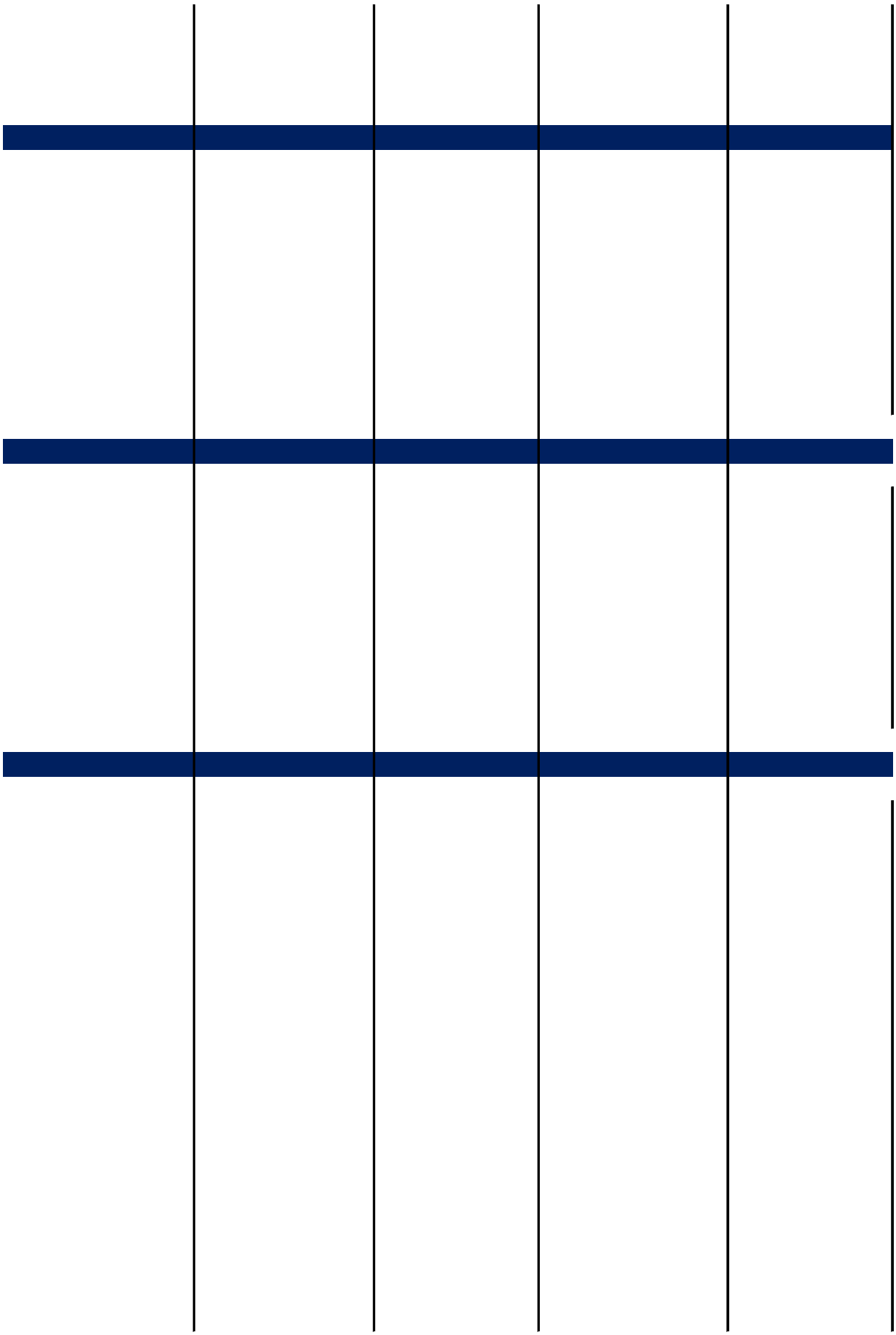
NG - C&I Gas All	219.38
NG - C&I Gas Heat	6.30
NG - C&I Gas Heat	8.40
NG - C&I Gas Heat	3.50
NG - C&I Gas Heat	9.86
	-
	-
	-
NG - C&I Gas All	78.57
NG - C&I Gas Heat	600.00
NG - C&I Gas Heat	570.00
NG - C&I Gas All	-
NG - C&I Gas Heat	165.30
NG - C&I Gas Heat	94.50
NG - C&I Gas Heat	51.40
NG - C&I Gas Heat	28.00
NG - C&I Gas Heat	14.70
NG - C&I Gas Heat	17.70
NG - C&I Gas All	30.50
NG - C&I Gas All	15.10
NG - C&I Gas Heat	40.90
NG - C&I Gas Heat	5.70
NG - C&I Gas Heat	6.70
NG - C&I Gas Heat	12.00
NG - C& I Gas Non H	1.70
NG - C& I Gas Non H	0.33
NG - C& I Gas Non H	2.65
NG - C& I Gas Non H	11.40
NG - C& I Gas Non H	112.10
NG - C& I Gas Non H	33.80
NG - C& I Gas Non H	154.30
NG - C& I Gas Non H	78.30
NG - C& I Gas Non H	37.90
NG - C& I Gas Non H	211.30
NG - C& I Gas Non H	370.70
NG - C&I Gas All	-
	-
	-
NG - C&I Gas All	29.65
NG - C& I Gas Non H	110.42
NG - C& I Gas Non H	35.70
NG - C& I Gas Non H	88.40
NG - C& I Gas Non H	77.13
NG - C& I Gas Non H	37.33

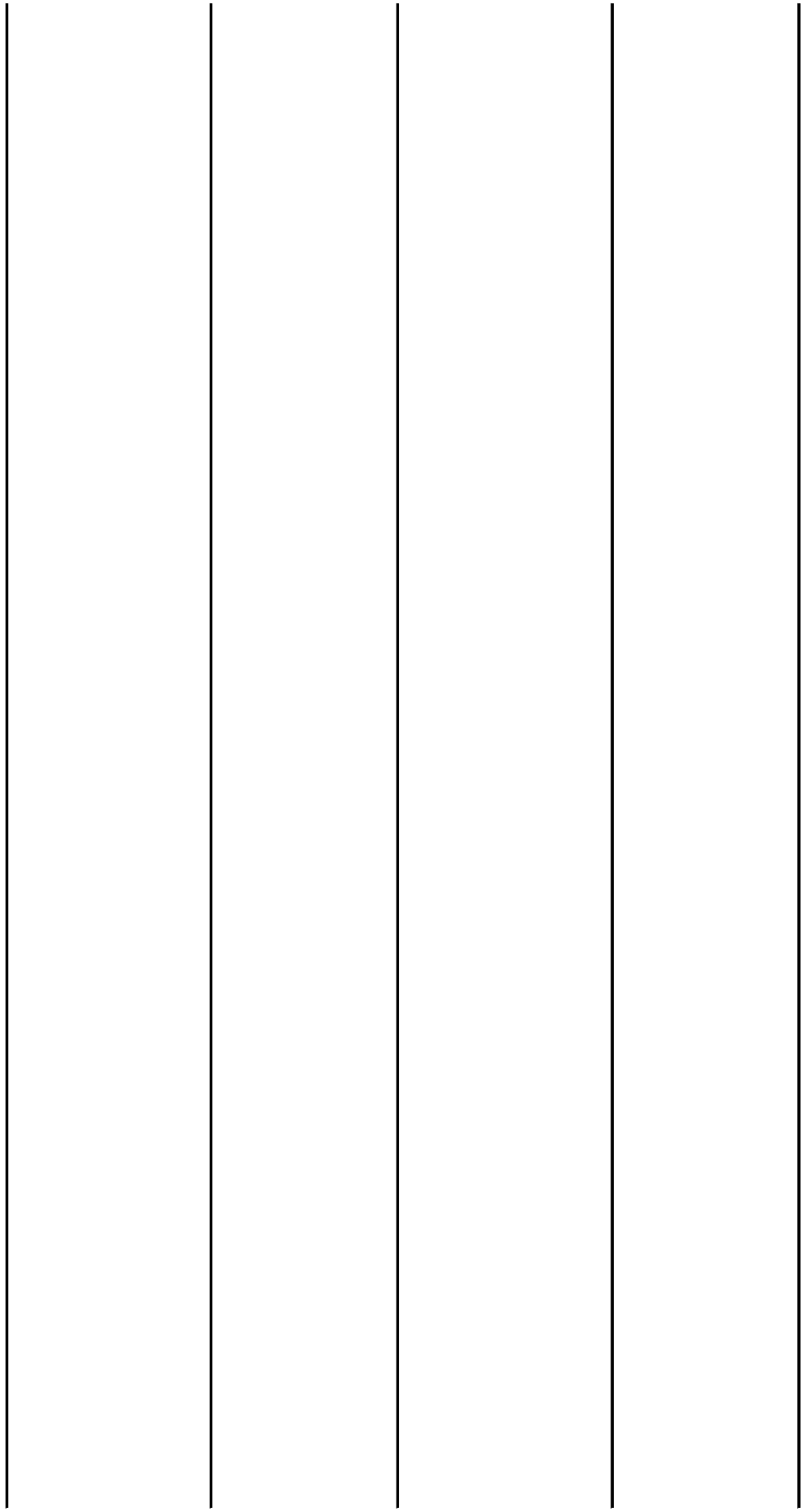
NG - C& I Gas Non H	11.23
NG - C& I Gas Non H	208.13
NG - C& I Gas Non H	365.14
NG - C& I Gas Non H	18.72
NG - C& I Gas Non H	8.77
NG - C& I Gas Non H	254.43
	-
	-
NG - C& I Gas Non H	120.00
NG - C&I Gas Heat	500.00
NG - C& I Gas Non H	-
NG - C& I Gas Non H	70.00
NG - C& I Gas Non H	1.70
NG - C& I Gas Non H	0.33
NG - C& I Gas Non H	2.65
NG - C& I Gas Non H	0.21
NG - C& I Gas Non H	11.40
NG - C&I Gas Heat	35.50
NG - C&I Gas Heat	-
NG - C&I Gas All	-
NG - C&I Gas Heat	0.21
NG - C&I Gas Heat	8.40
NG - C&I Gas Heat	3.50
	-
	-
	-
	-
NG - C& I Gas Non H	42.63
NG - C&I Gas Heat	326.56
	-
	-
NG - C&I Gas Heat	165.30
NG - C&I Gas Heat	94.50
NG - C&I Gas Heat	51.40
NG - C&I Gas Heat	28.00
NG - C&I Gas Heat	14.70
NG - C&I Gas Heat	17.70
NG - C&I Gas All	30.50
NG - C&I Gas All	15.10
NG - C&I Gas Heat	40.90
NG - C&I Gas Heat	5.70
NG - C&I Gas Heat	6.70
NG - C&I Gas Heat	12.00
NG - C& I Gas Non H	1.70
NG - C& I Gas Non H	0.33
NG - C& I Gas Non H	2.65
NG - C& I Gas Non H	11.40
NG - C& I Gas Non H	112.10
NG - C& I Gas Non H	33.80
NG - C& I Gas Non H	154.30

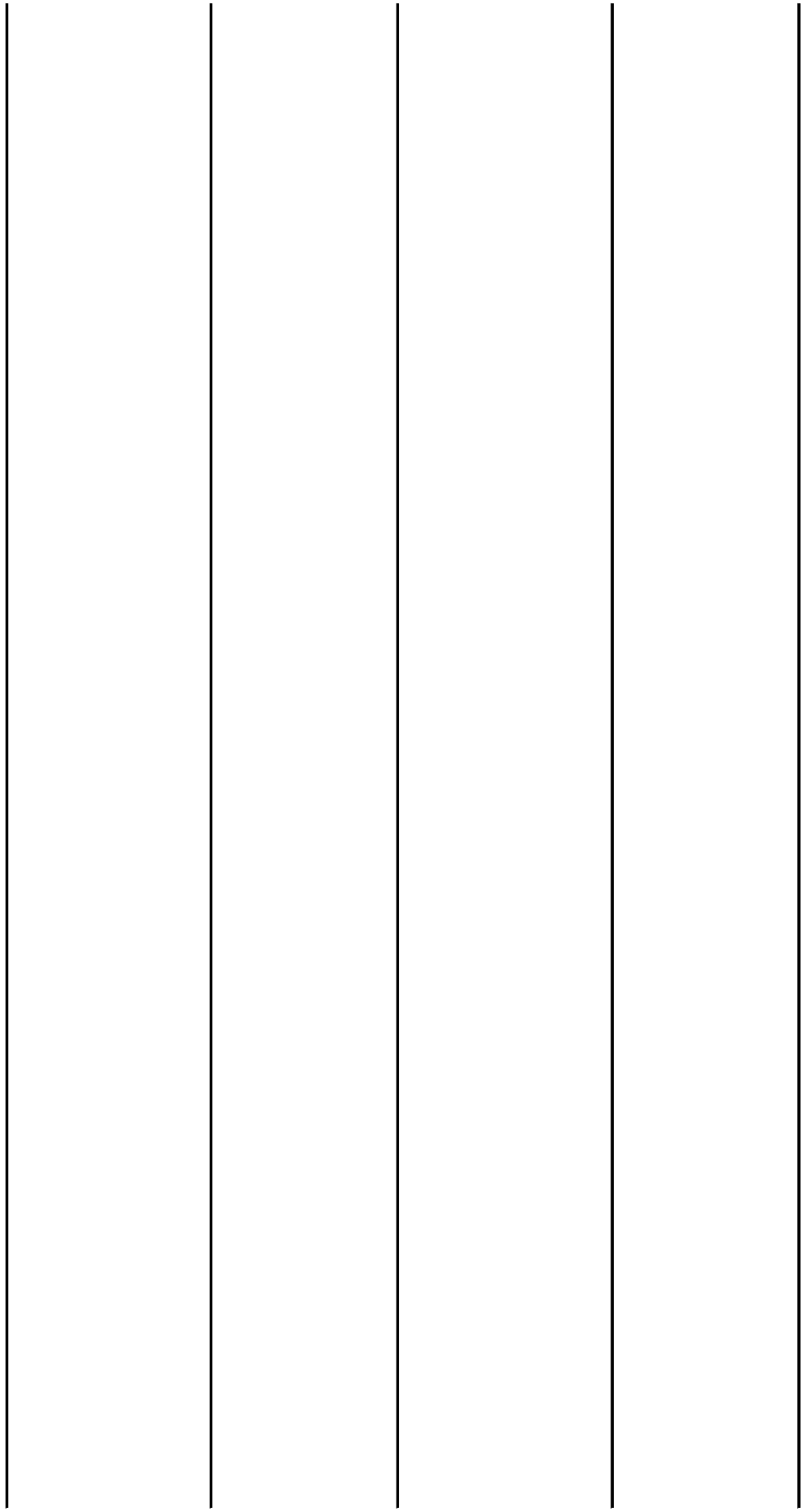
NG - C& I Gas Non H	78.30				
NG - C& I Gas Non H	37.90				
NG - C& I Gas Non H	211.30				
NG - C& I Gas Non H	370.70				
	-				
NG - C&I Gas All	-				
	-				
	-				
NG - C& I Gas Non H	112.10				
NG - C& I Gas Non H	35.70				
NG - C& I Gas Non H	154.30				
NG - C& I Gas Non H	78.30				
NG - C& I Gas Non H	37.90				
NG - C& I Gas Non H	11.40				
NG - C& I Gas Non H	211.30				
NG - C& I Gas Non H	370.70				
NG - C& I Gas Non H	19.00				
NG - C& I Gas Non H	8.90				
NG - C& I Gas Non H	81.80				
NG - C& I Gas Non H	30.10				
NG - C& I Gas Non H	-				
x	x		x	x	x

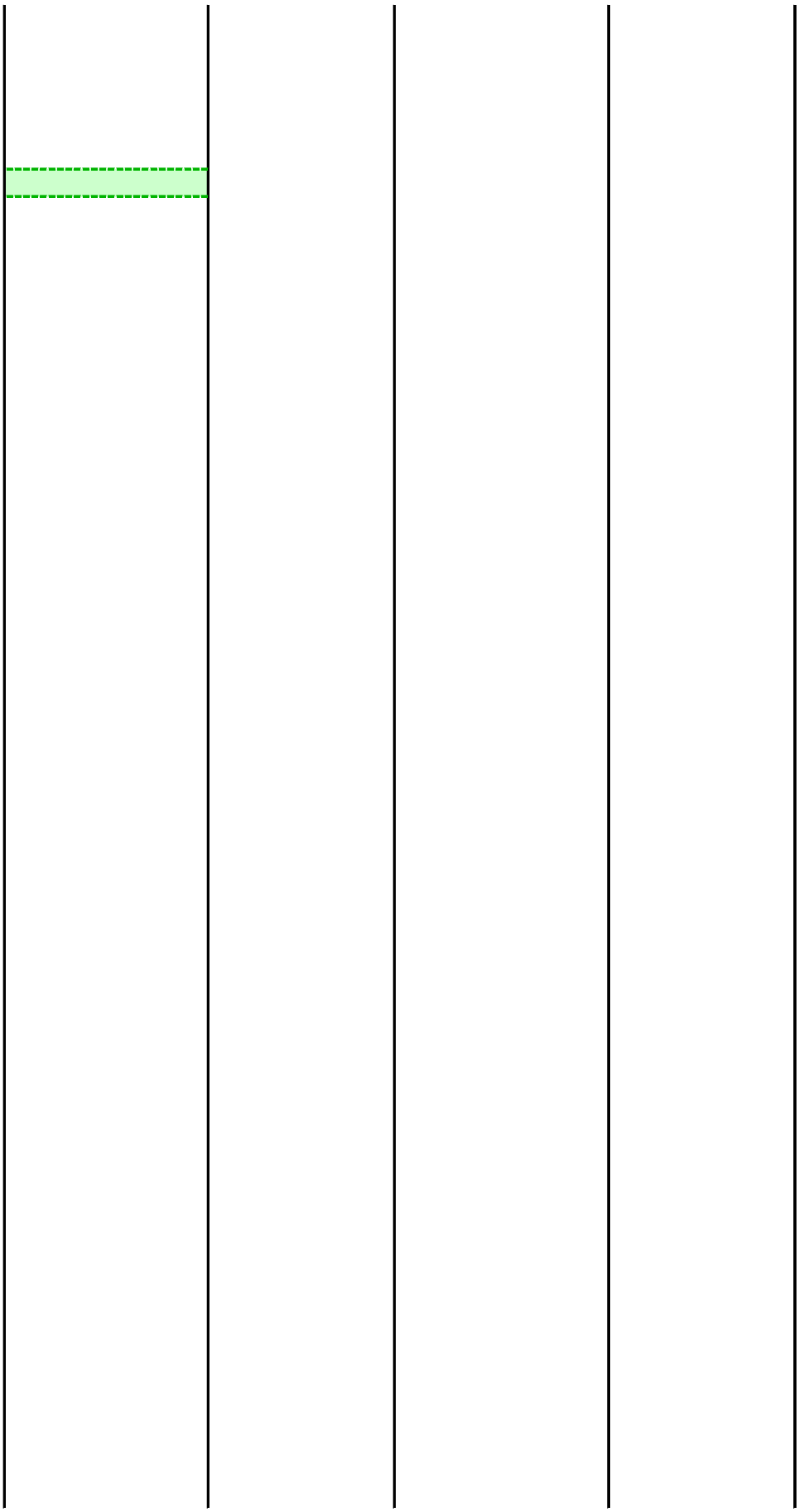


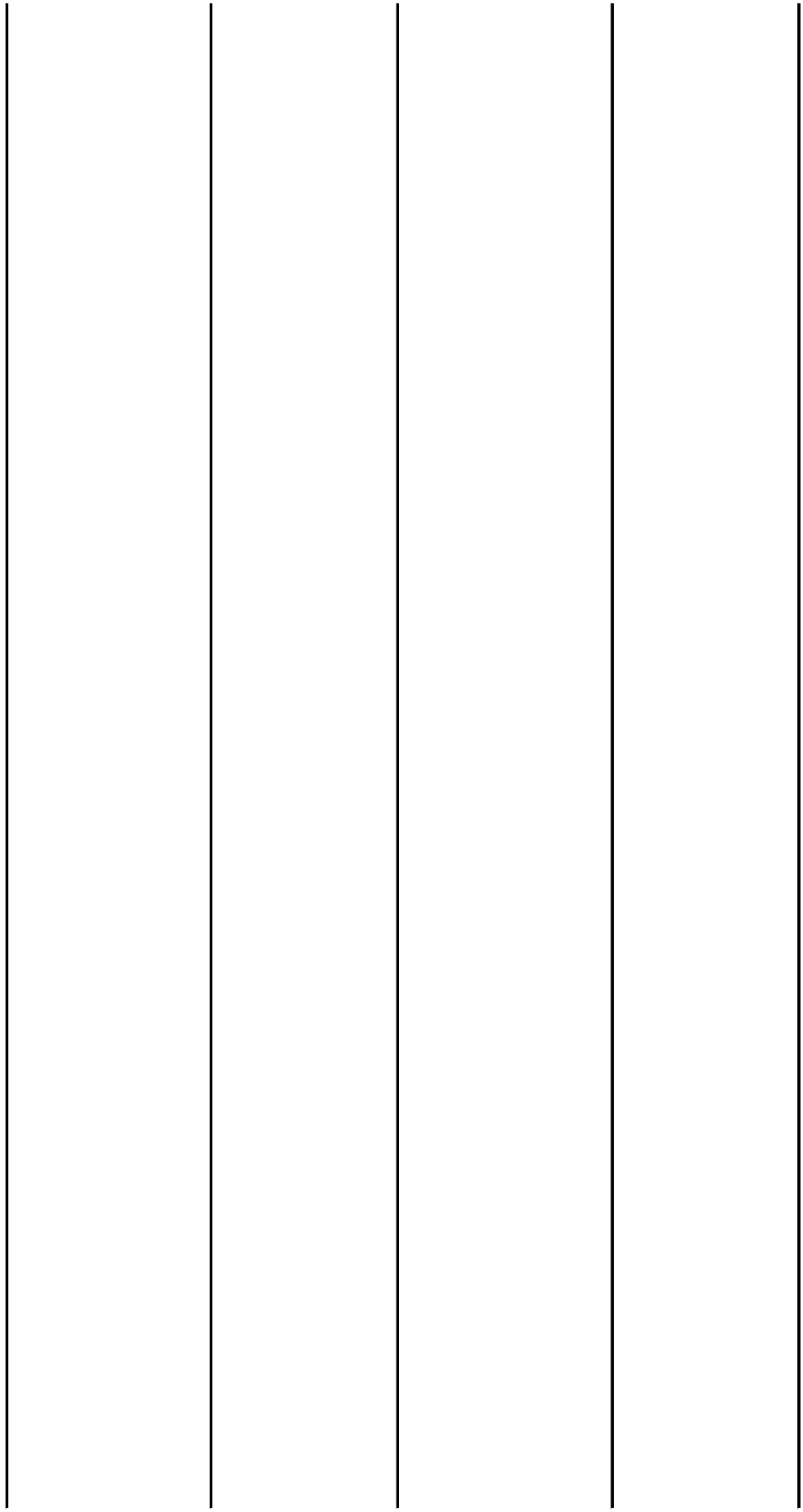


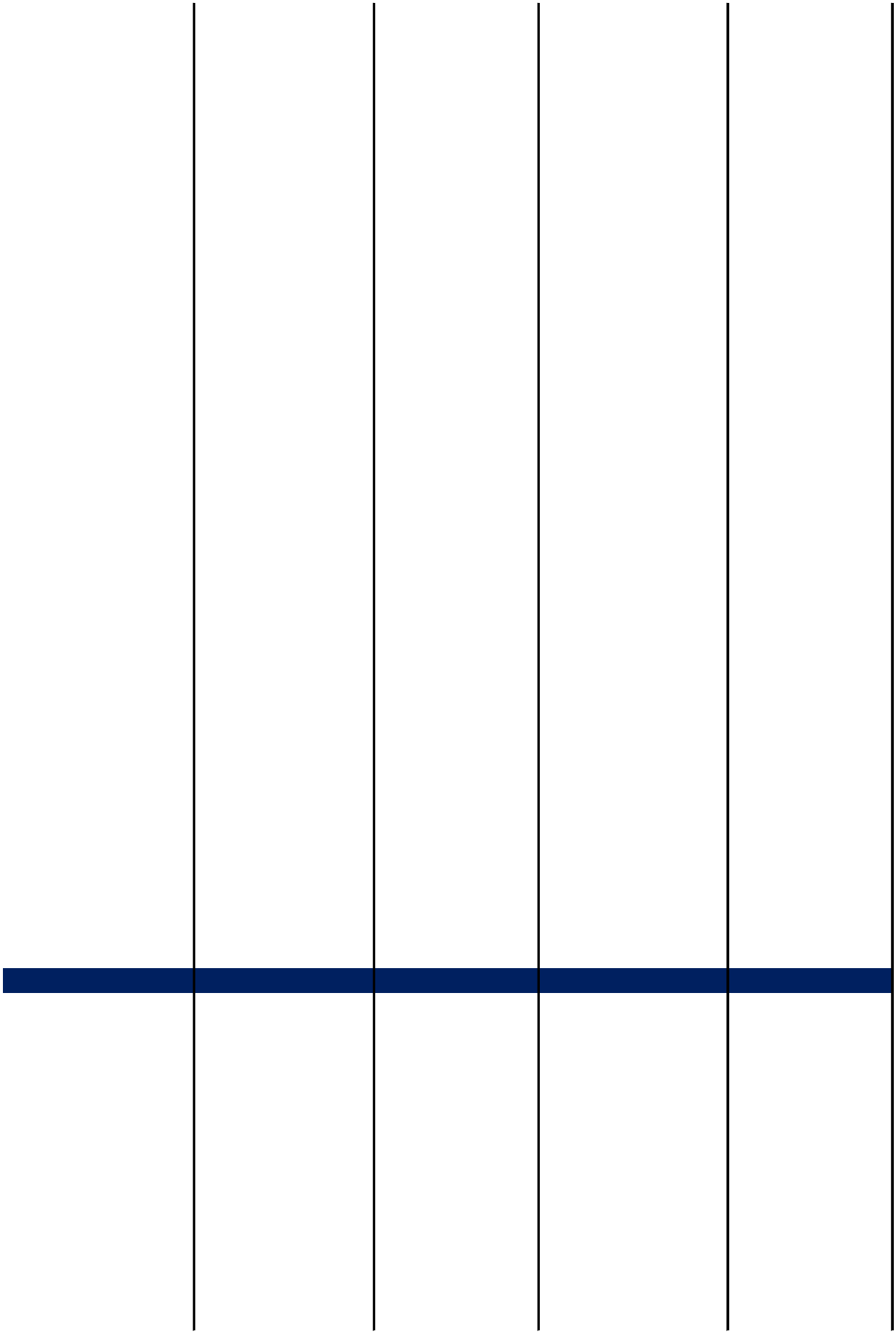


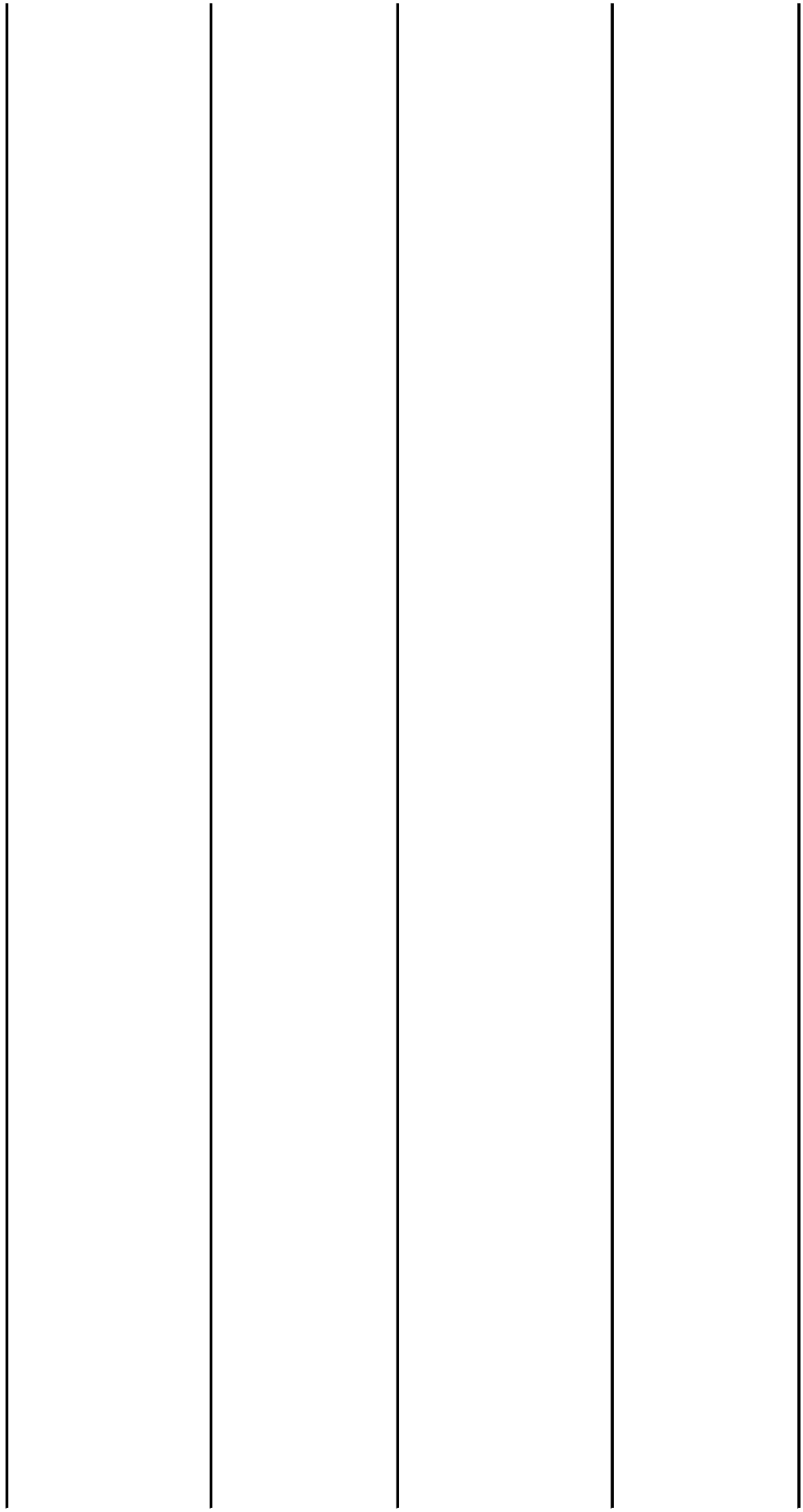


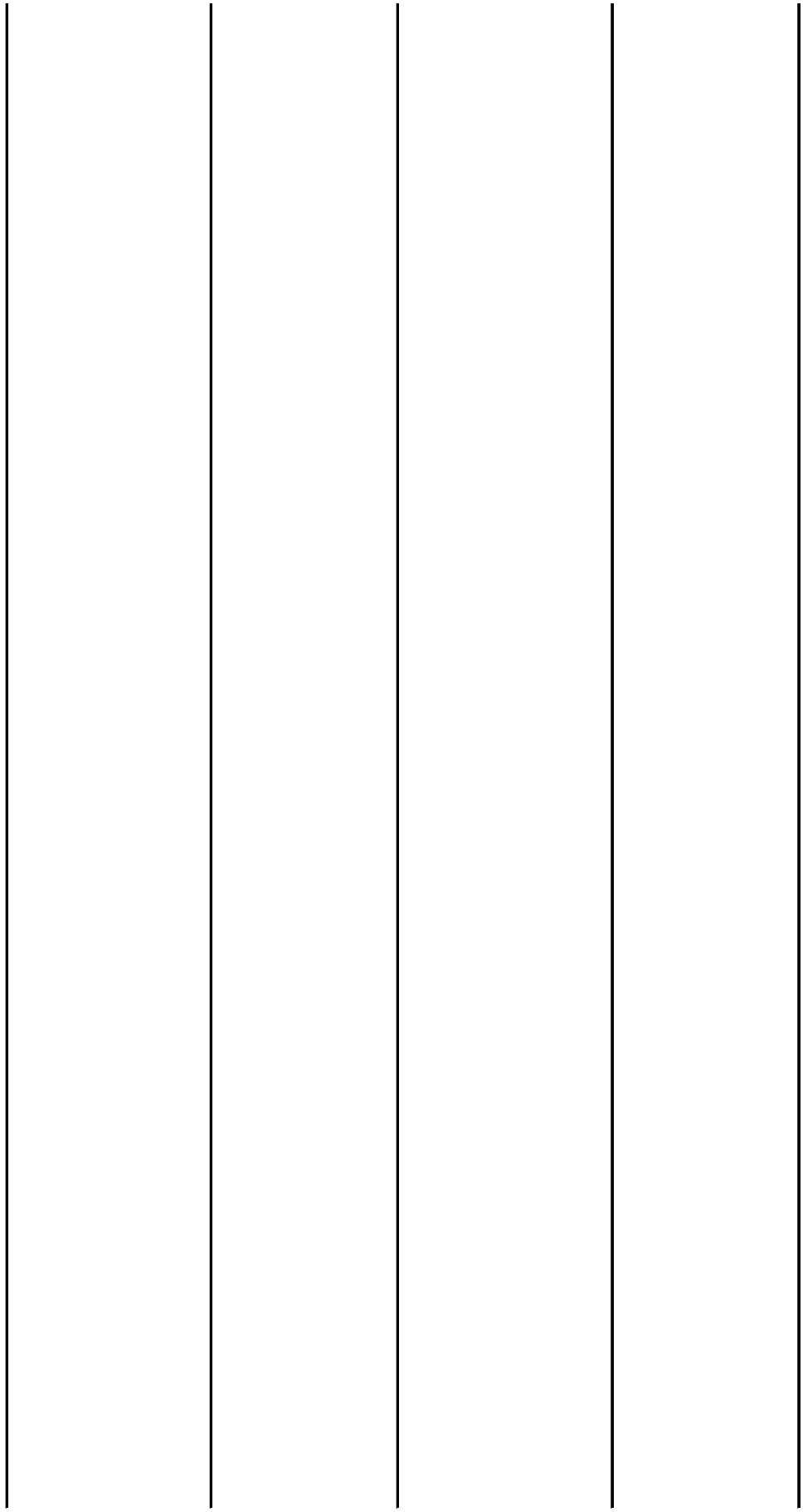


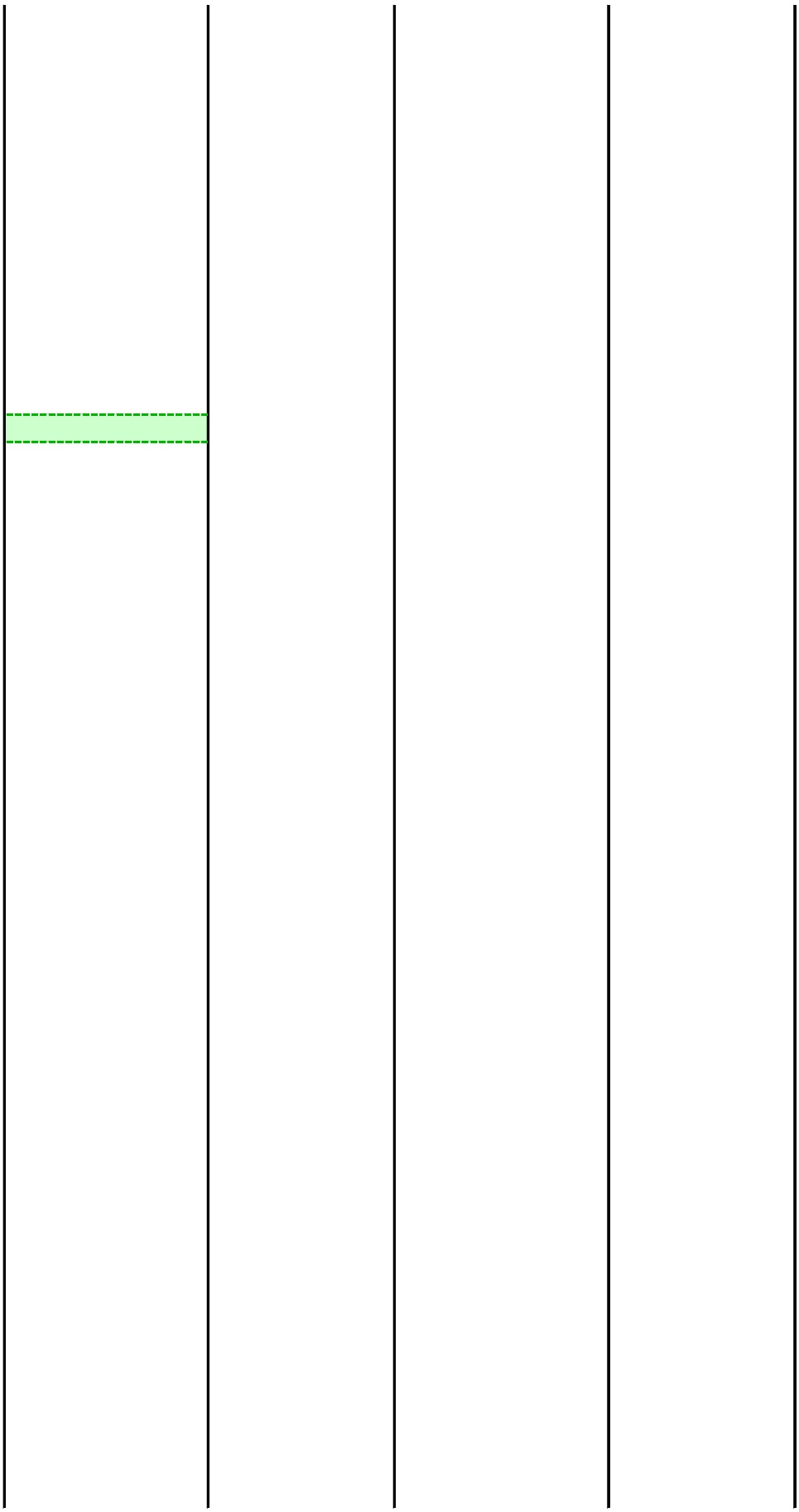


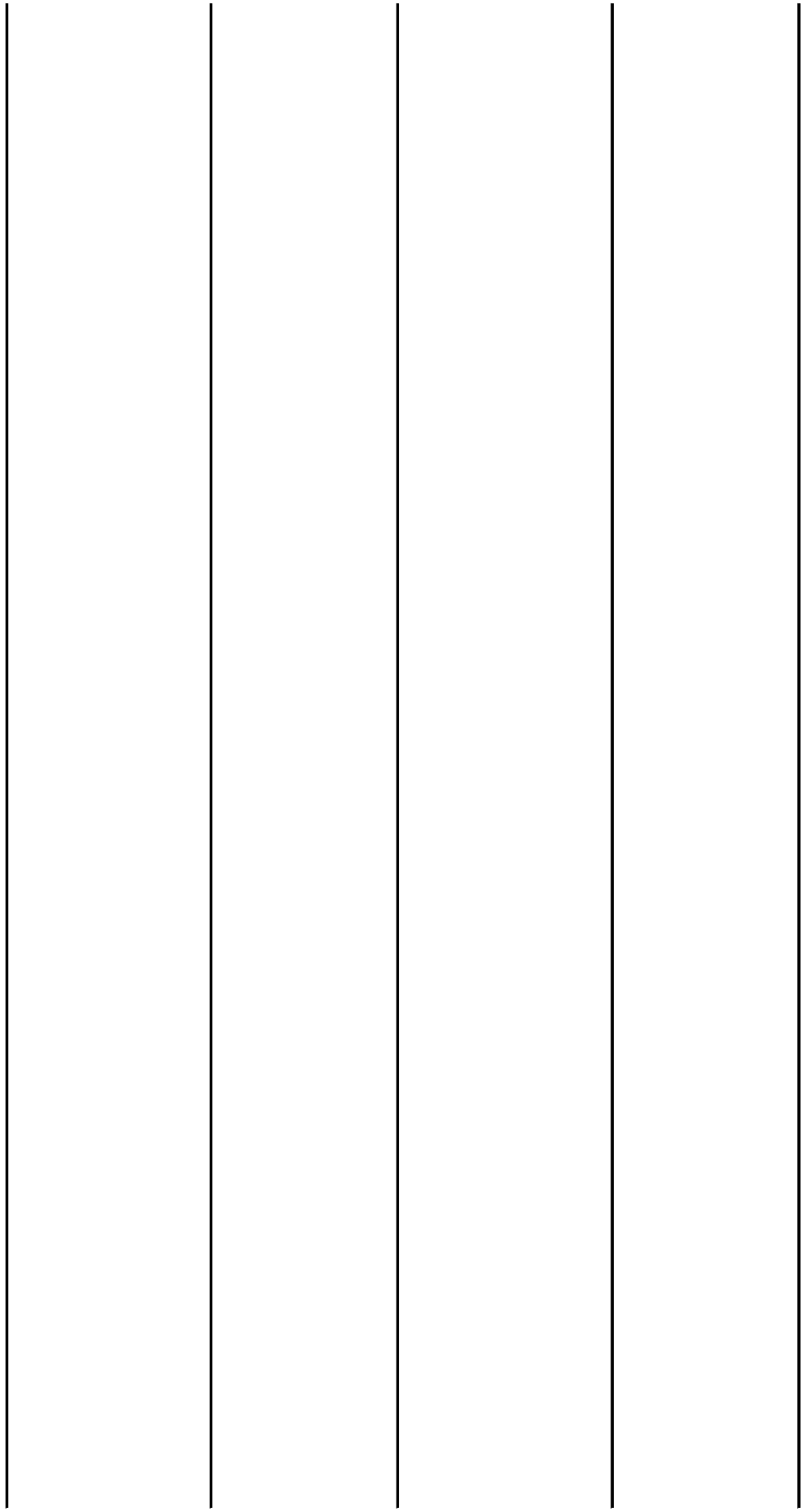


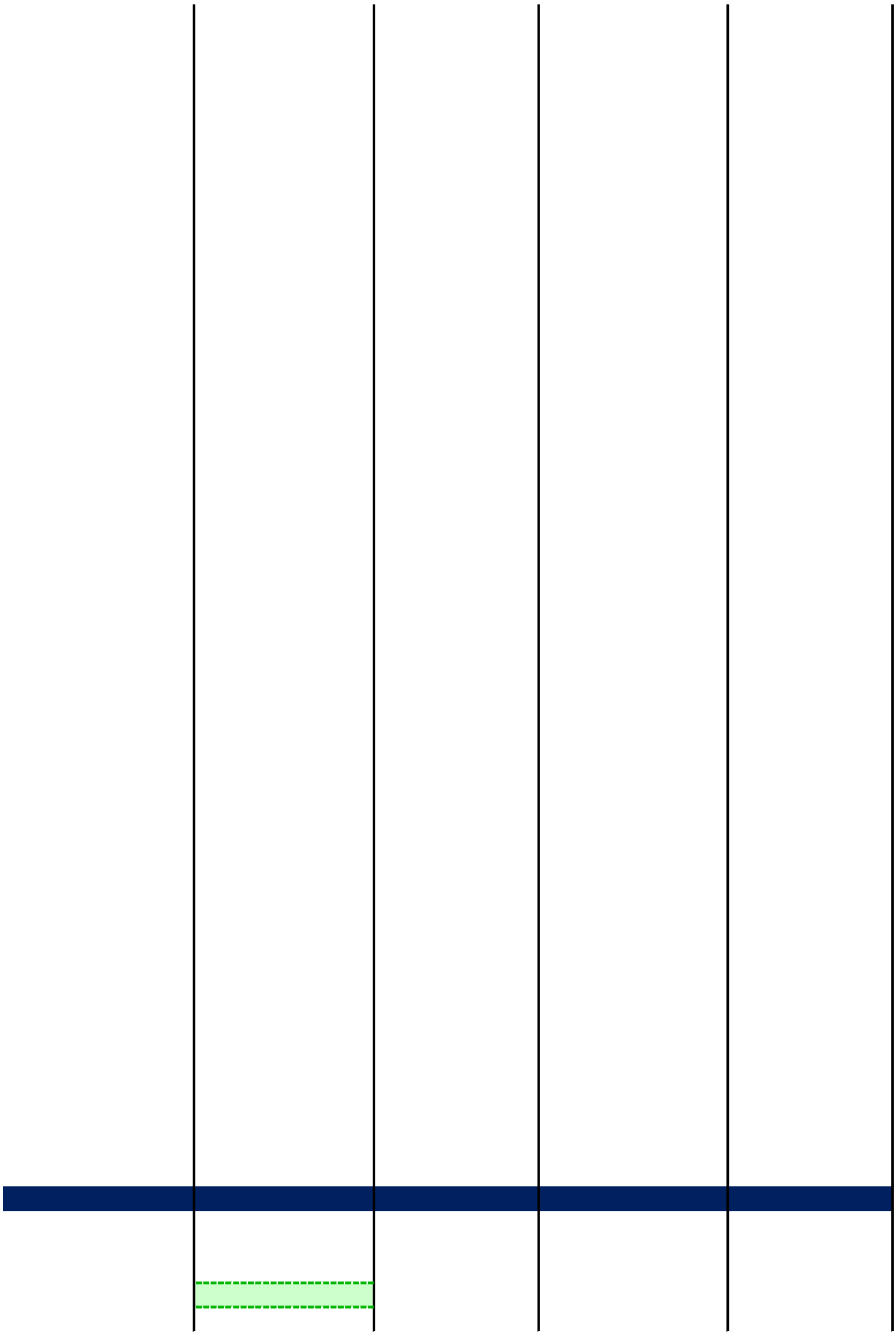


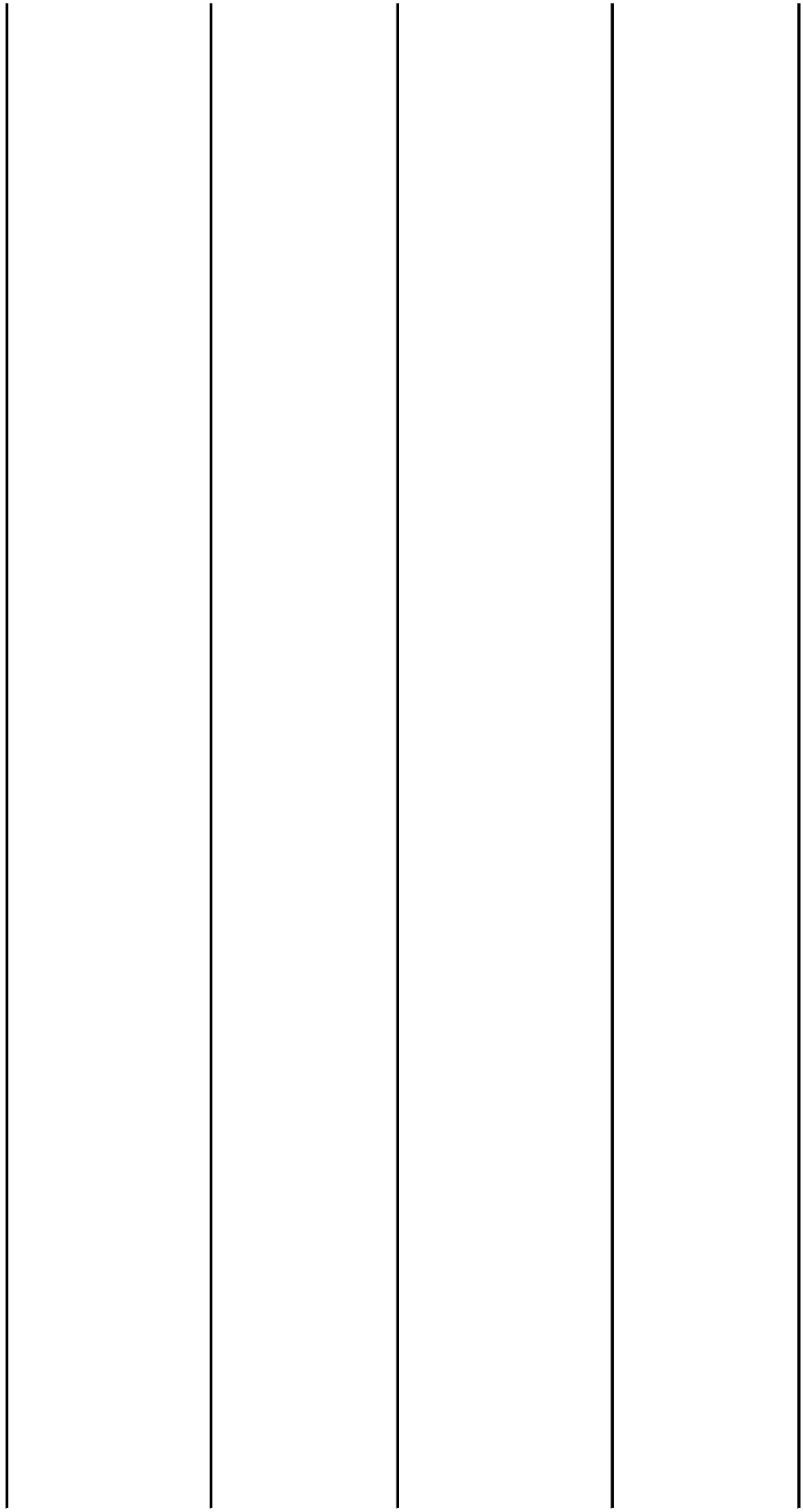


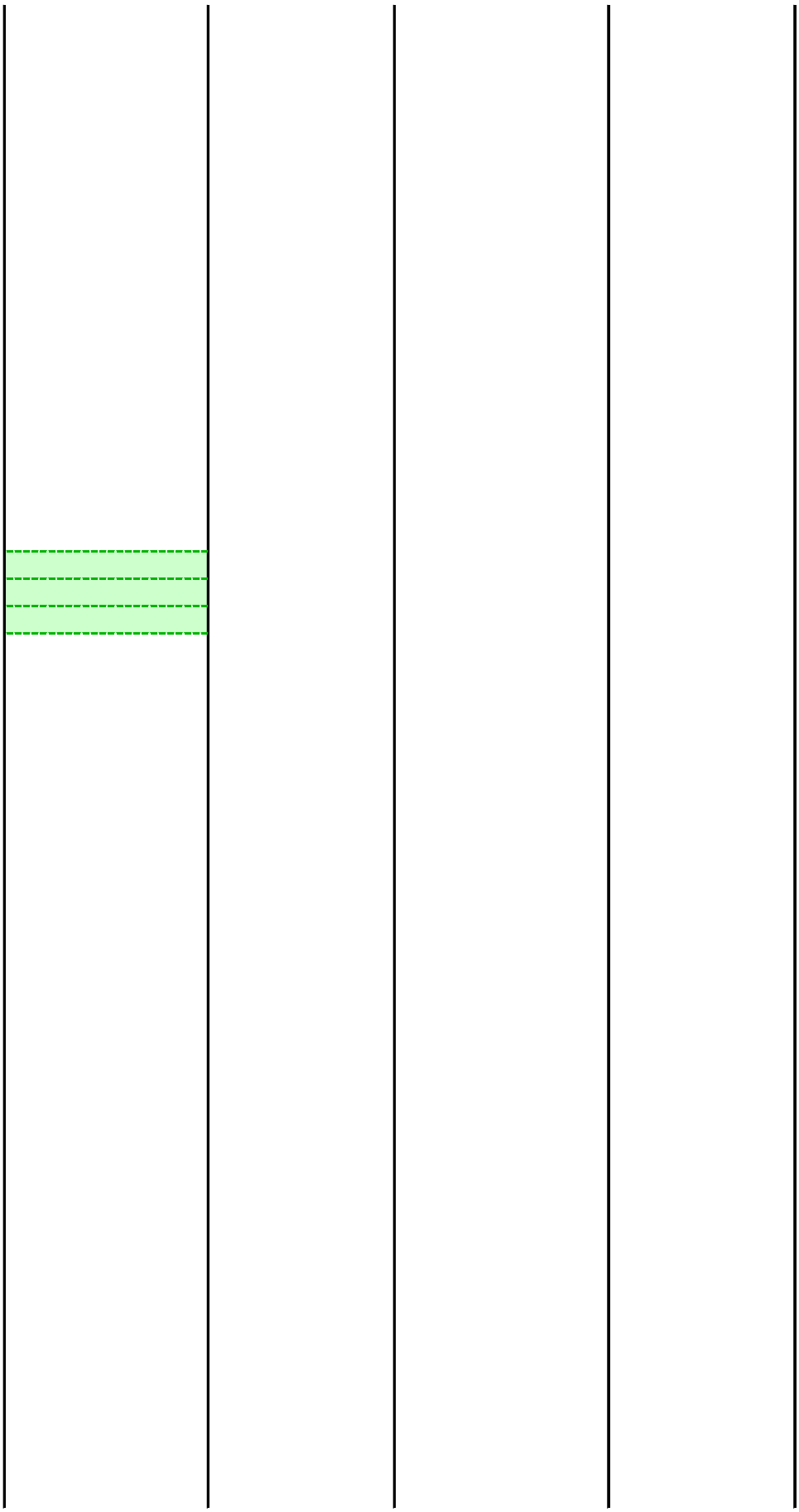


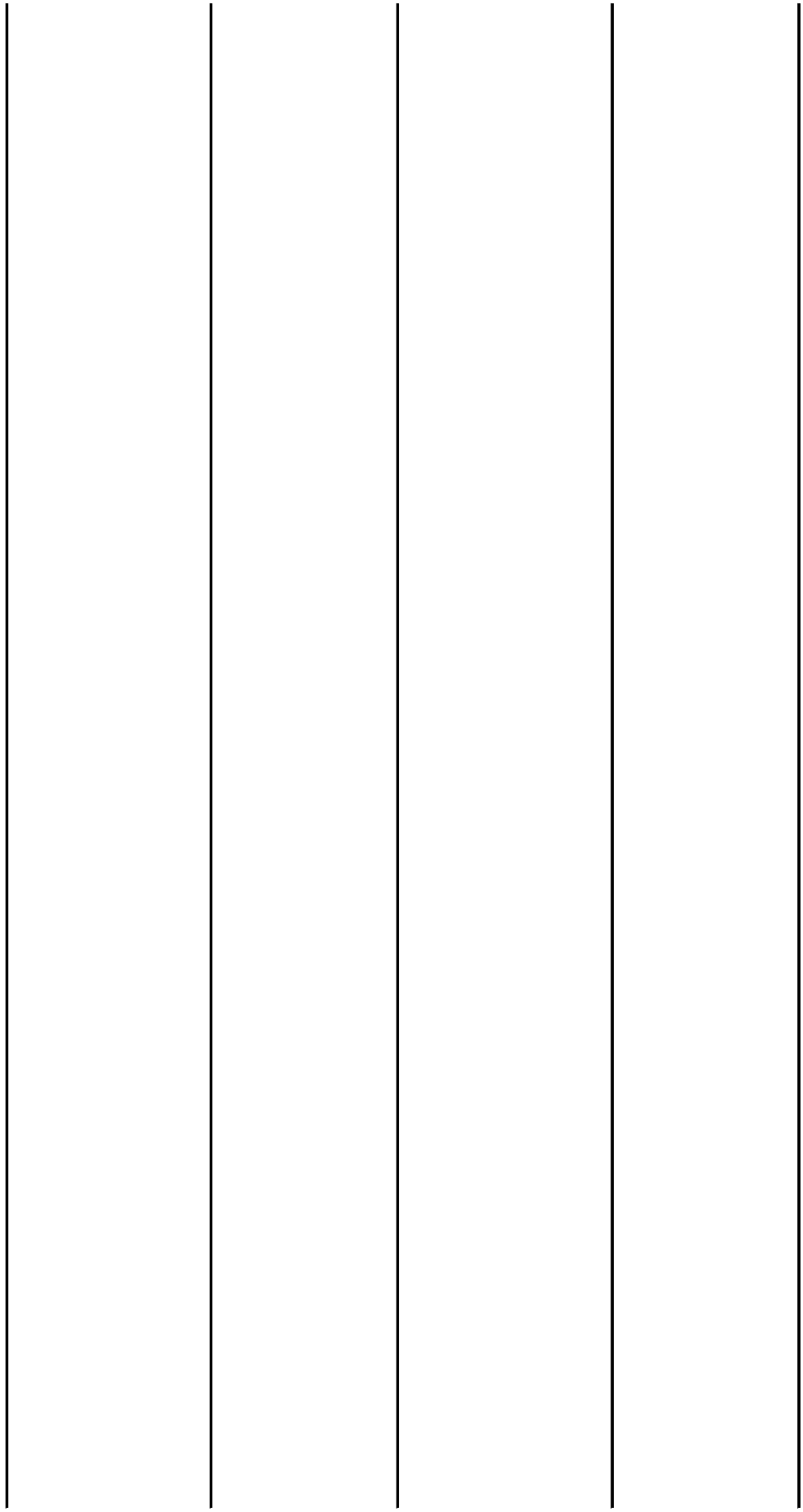


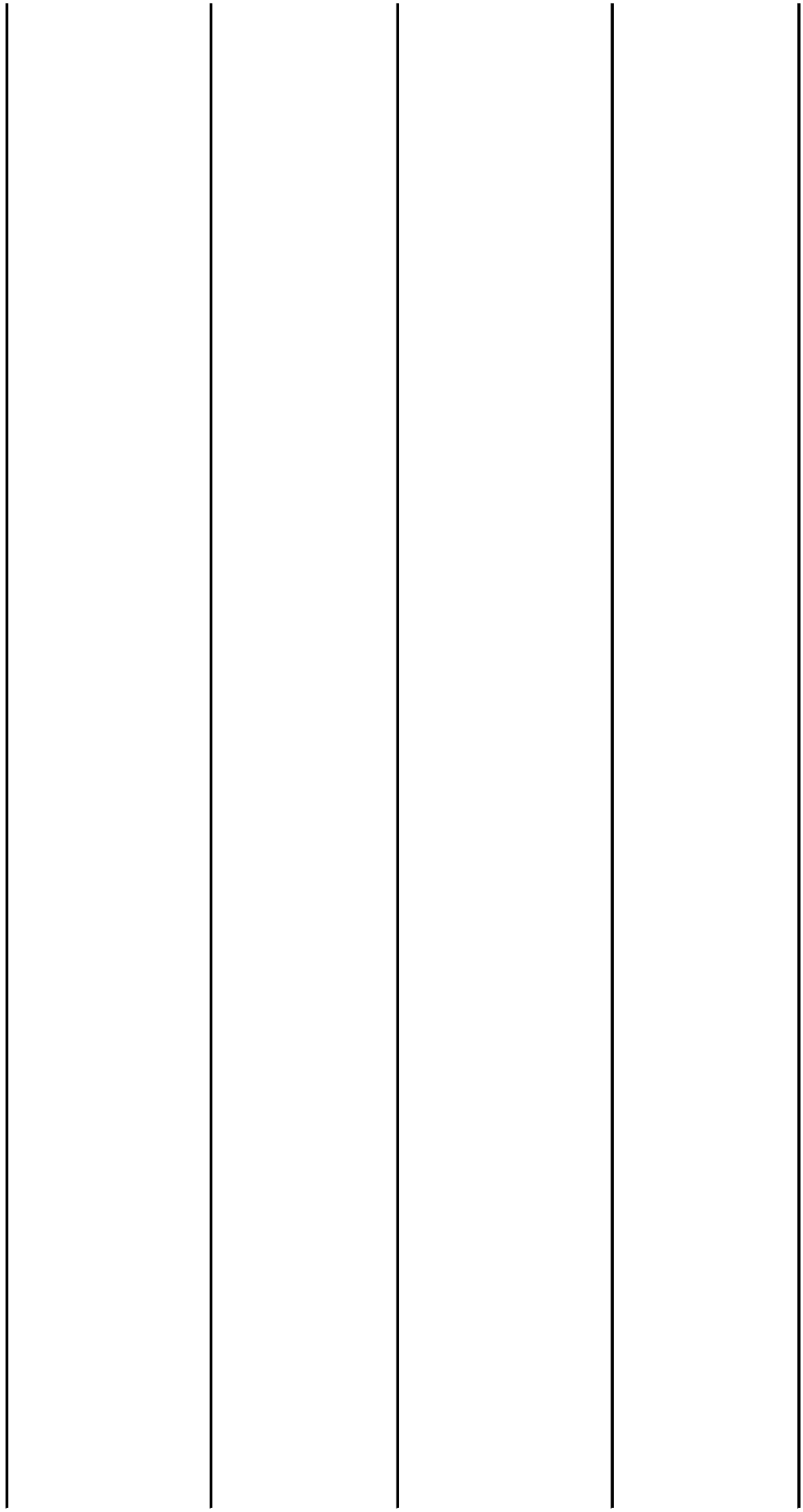


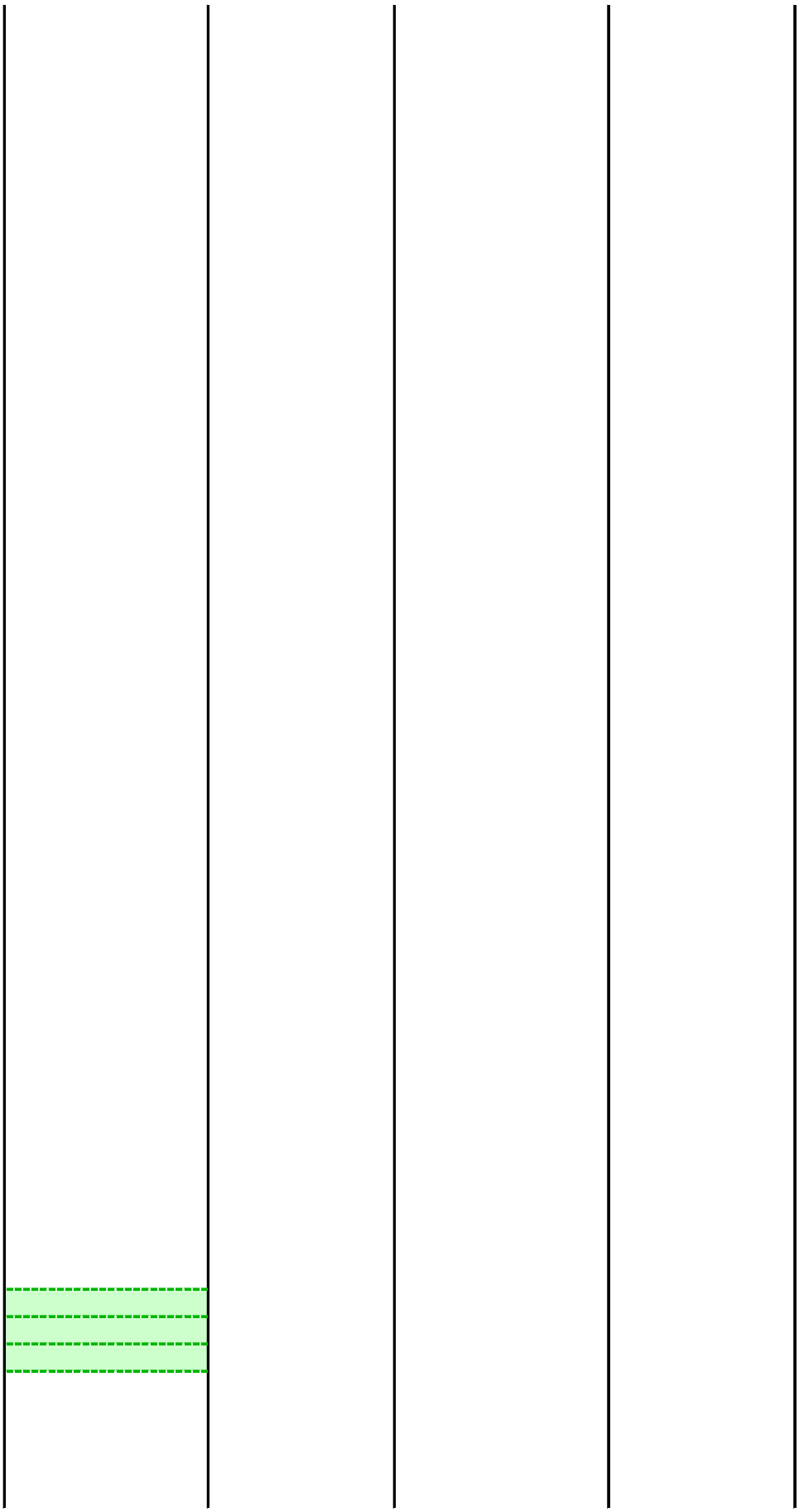


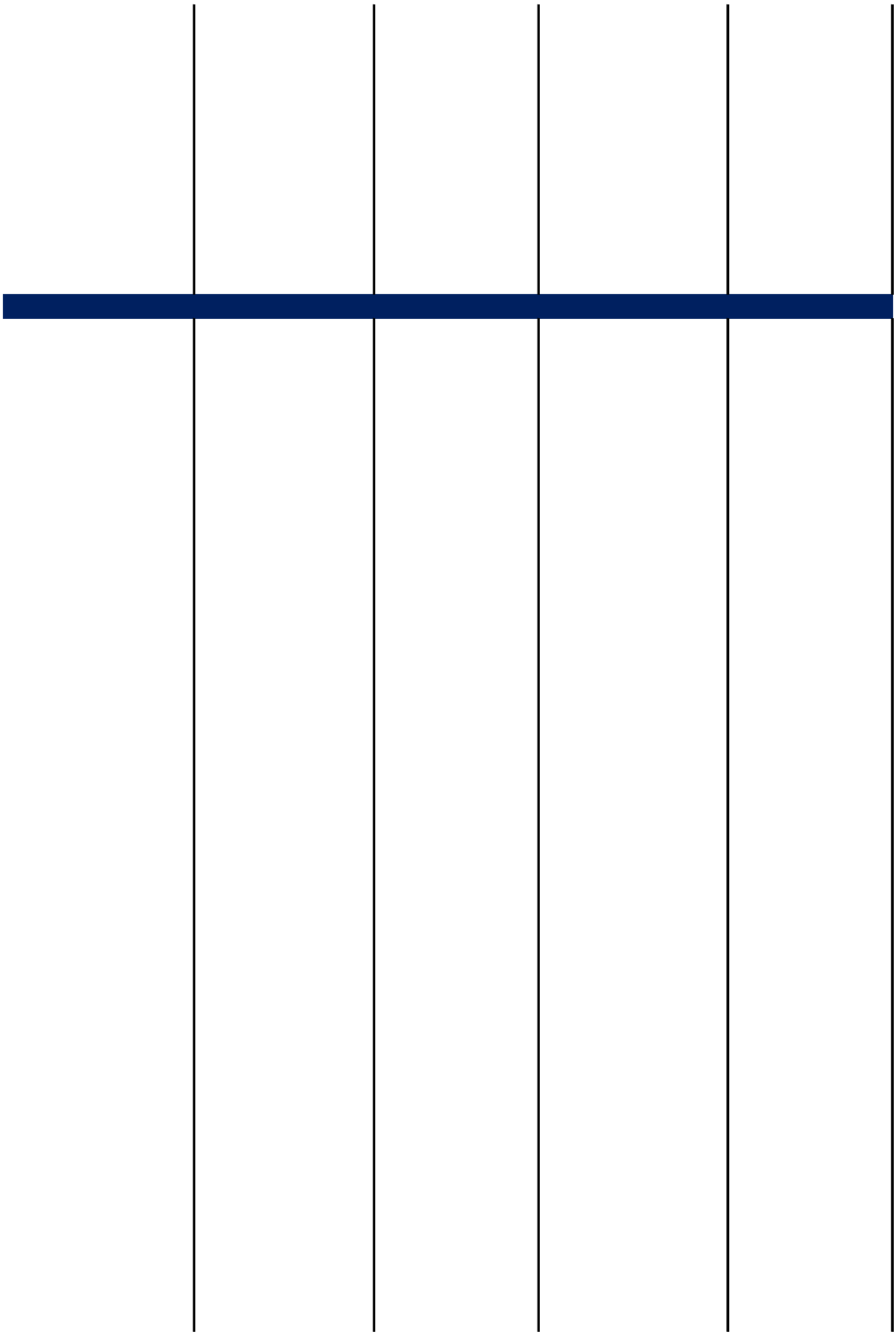


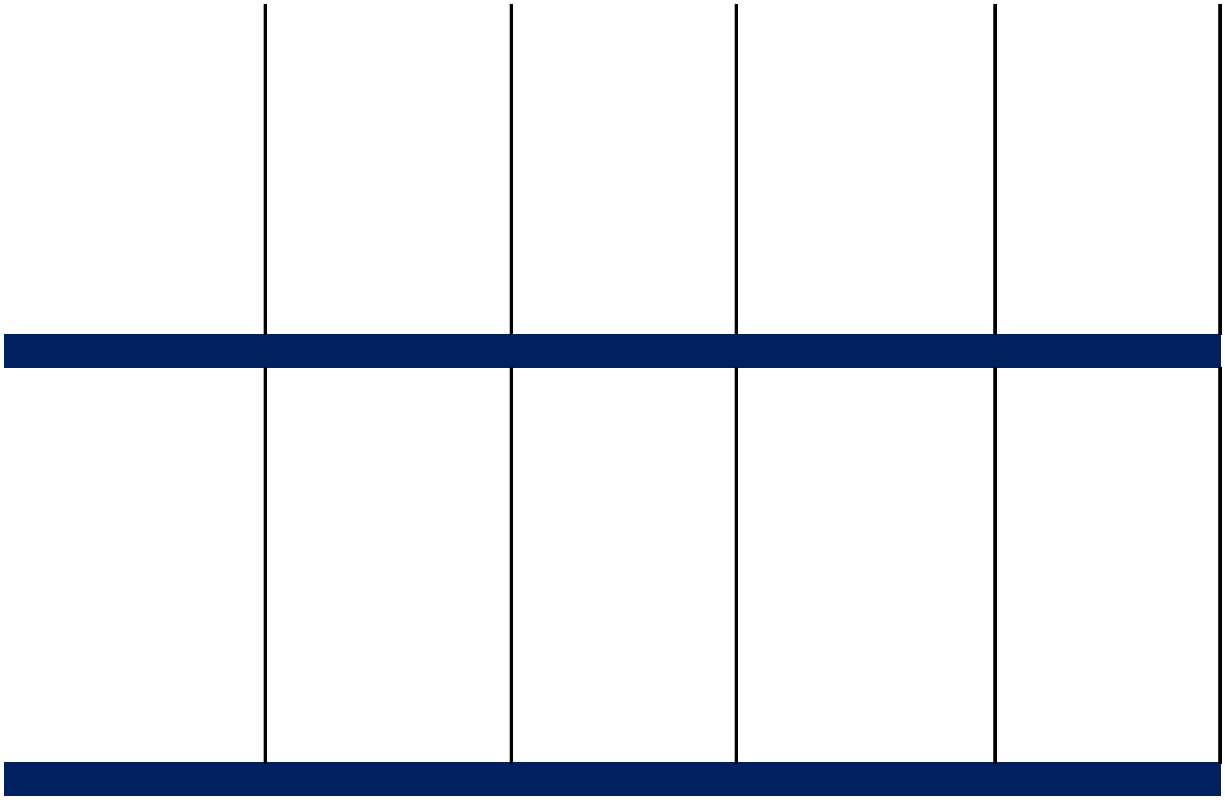












Savings from Fuel Type #3 (MMBtu/Year)	Res Water Savings (Gallons per Year)	C&I Water Savings (Gallons per Year)
	-	-
	586.00	-
	1,246.00	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	1,164.00	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-

	-	-
	-	-
	1,164.00	-
	-	-
	-	-
	-

	-	-		
	-	-		
	-	-		

	-	6,410	
	-	-	
	-		162,060.00
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	5,460	
	-	558	
	-	7,300	
	-	-	
	-	6,410	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-	
	-	-

		-	-	
		-	-	
		-	-	
		-		162,060.00
		-	-	
		-	-	
		-	-	
		-		65,700.00
		-	-	
		-	-	
		-	-	
		-	-	
		-	6,410	
		-	-	
		-		162,060.00
		-	-	
		-	-	
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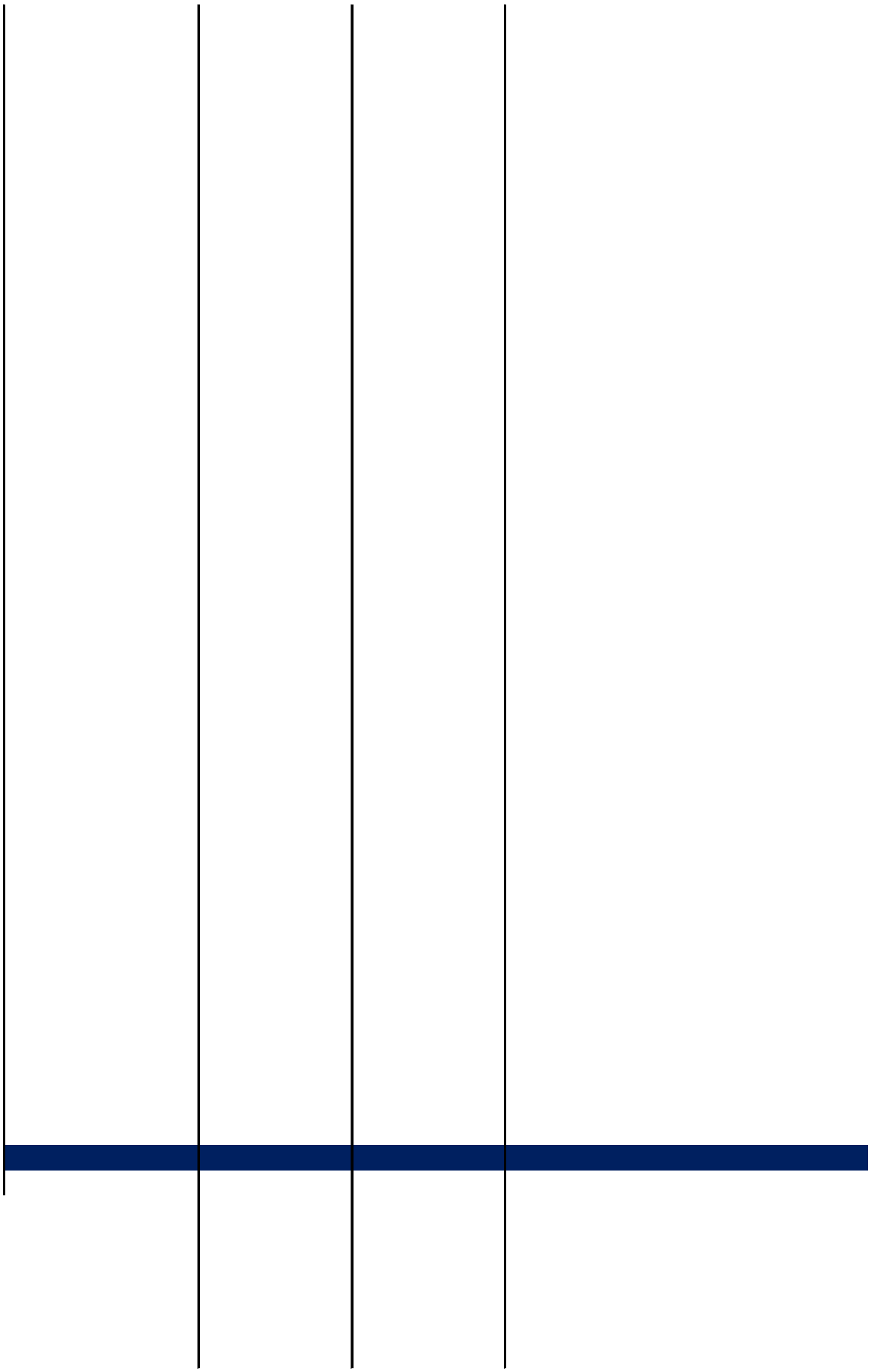
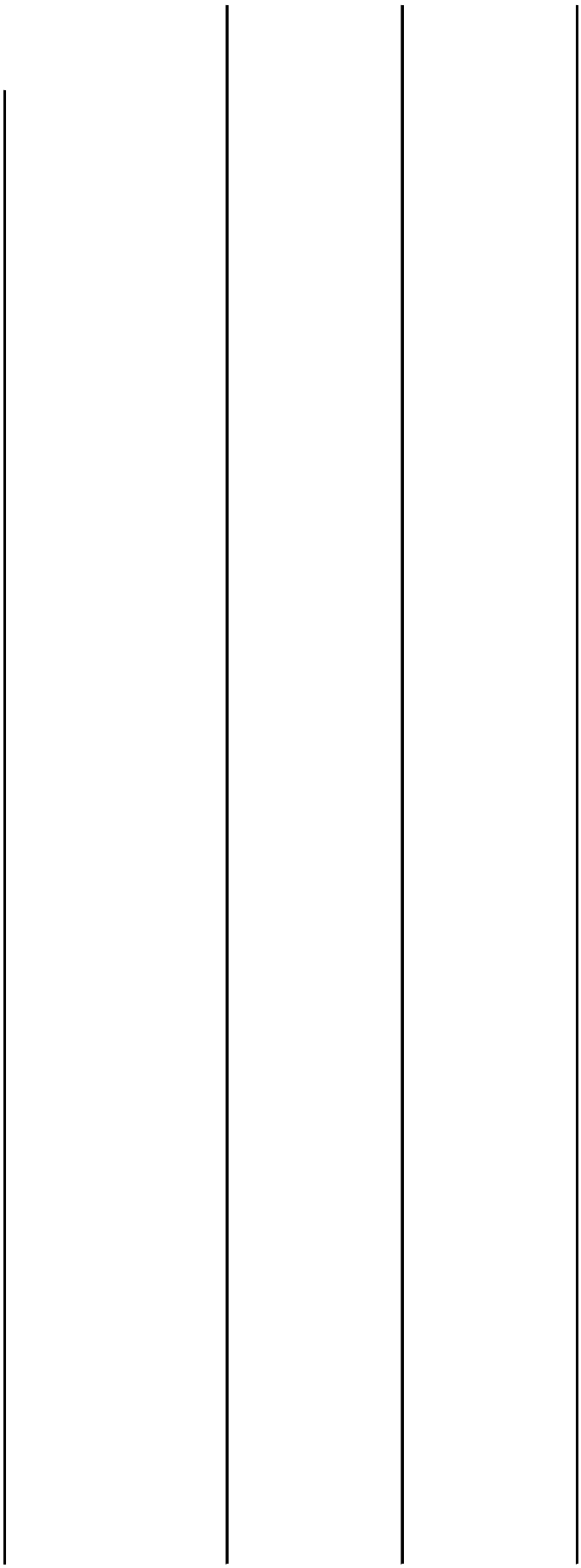
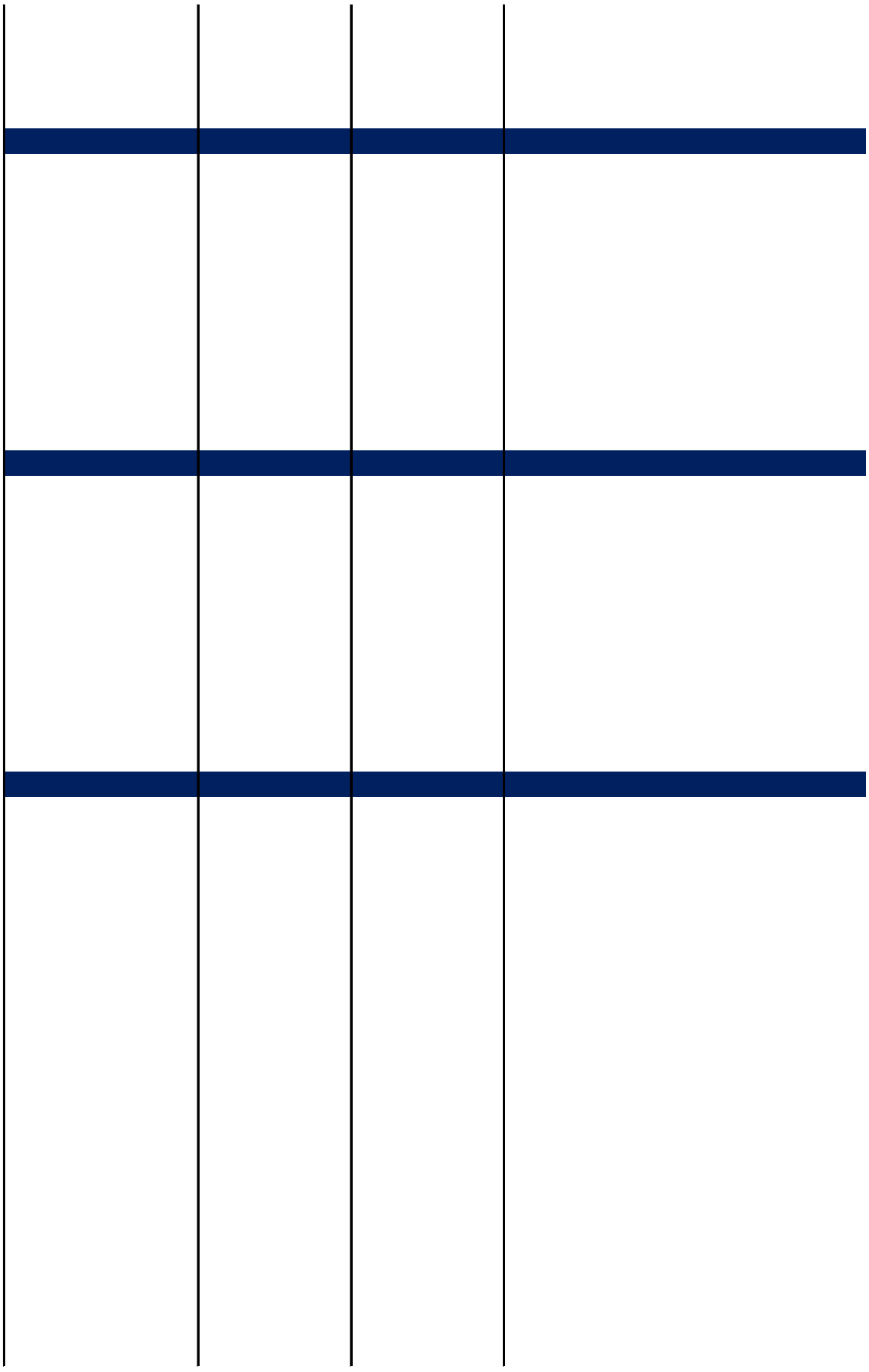
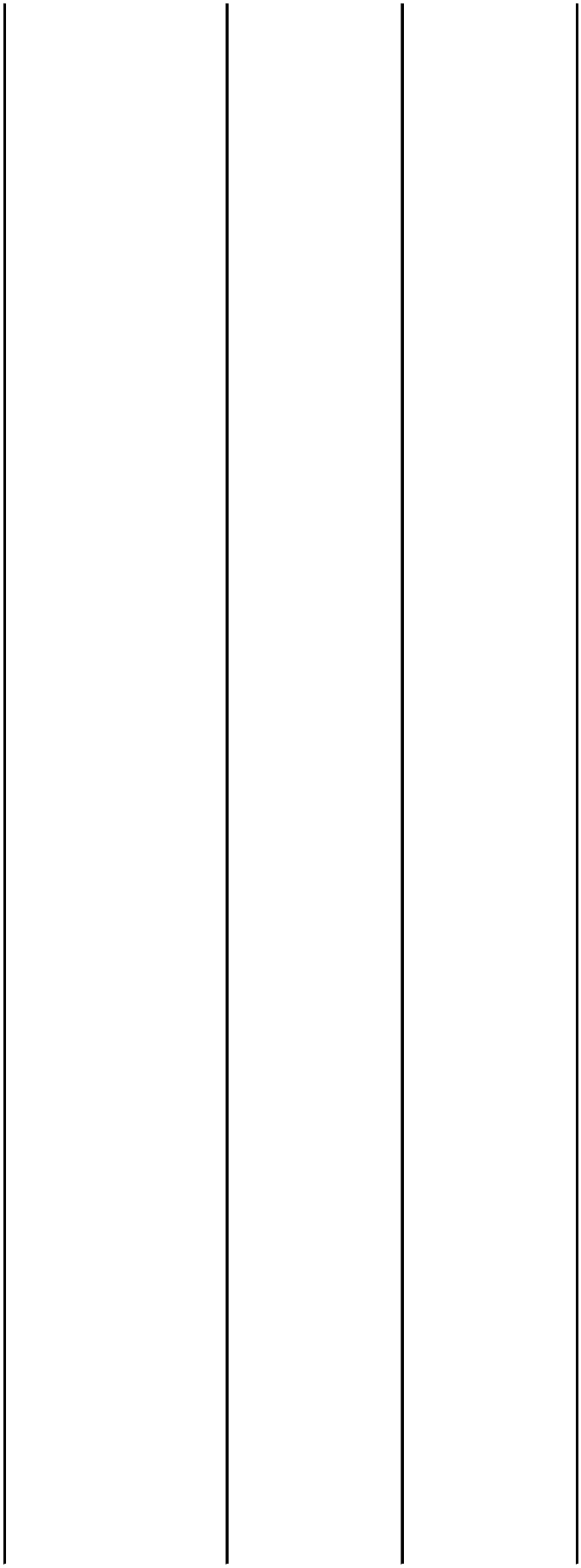
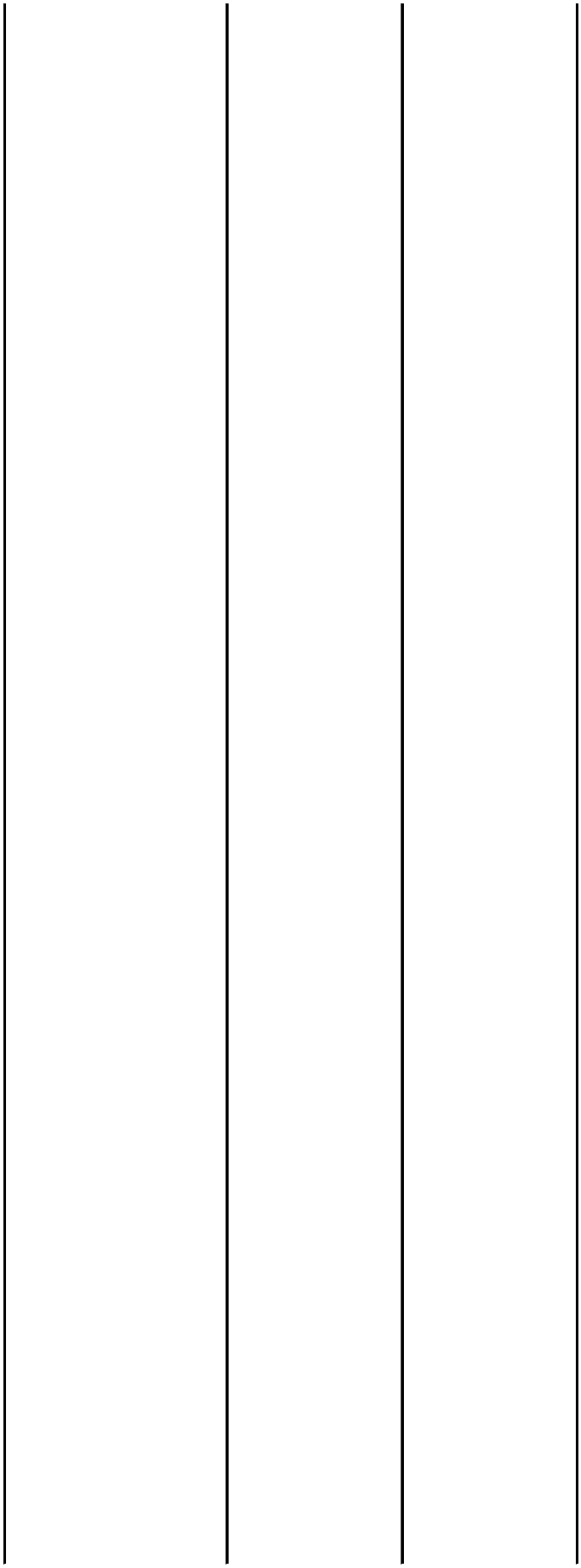
	x	x	x	

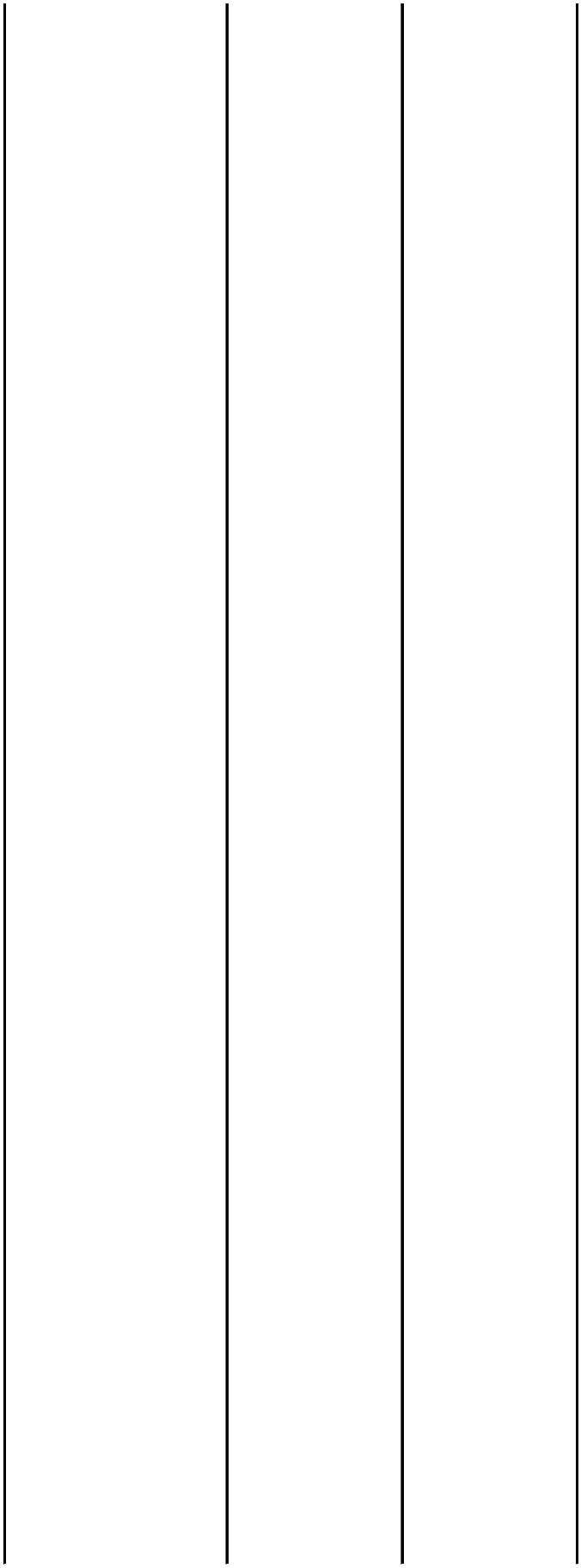


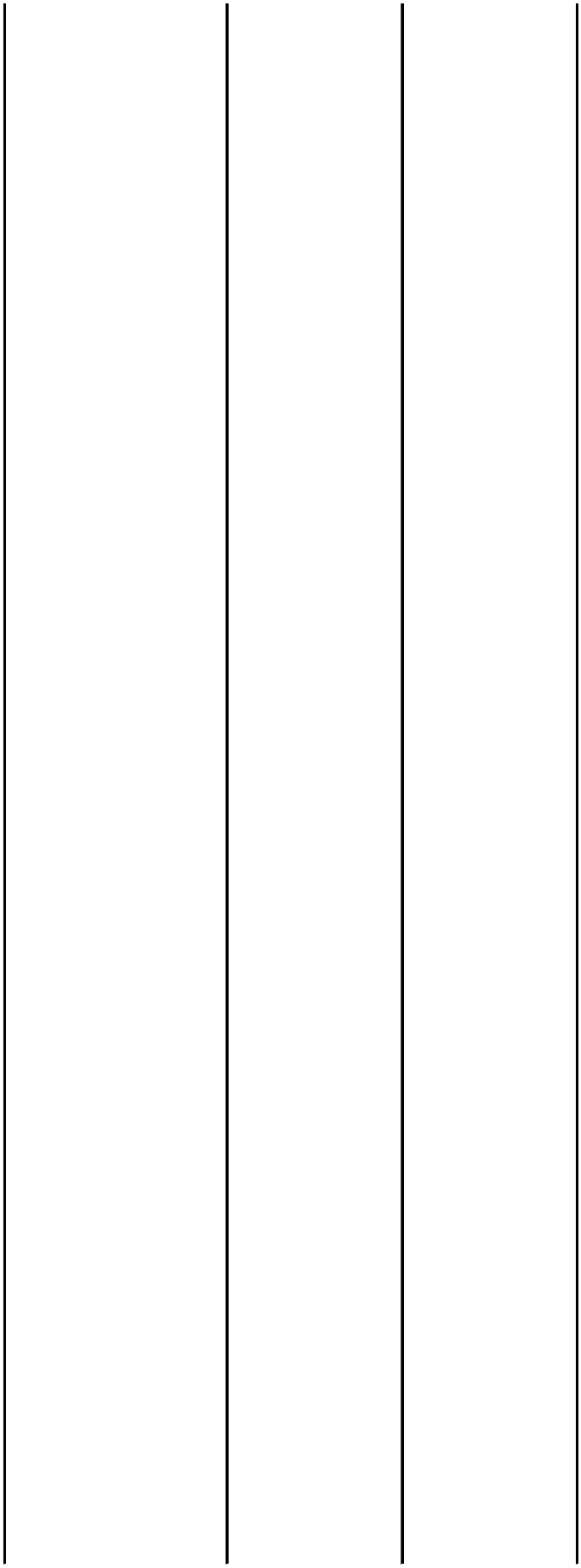


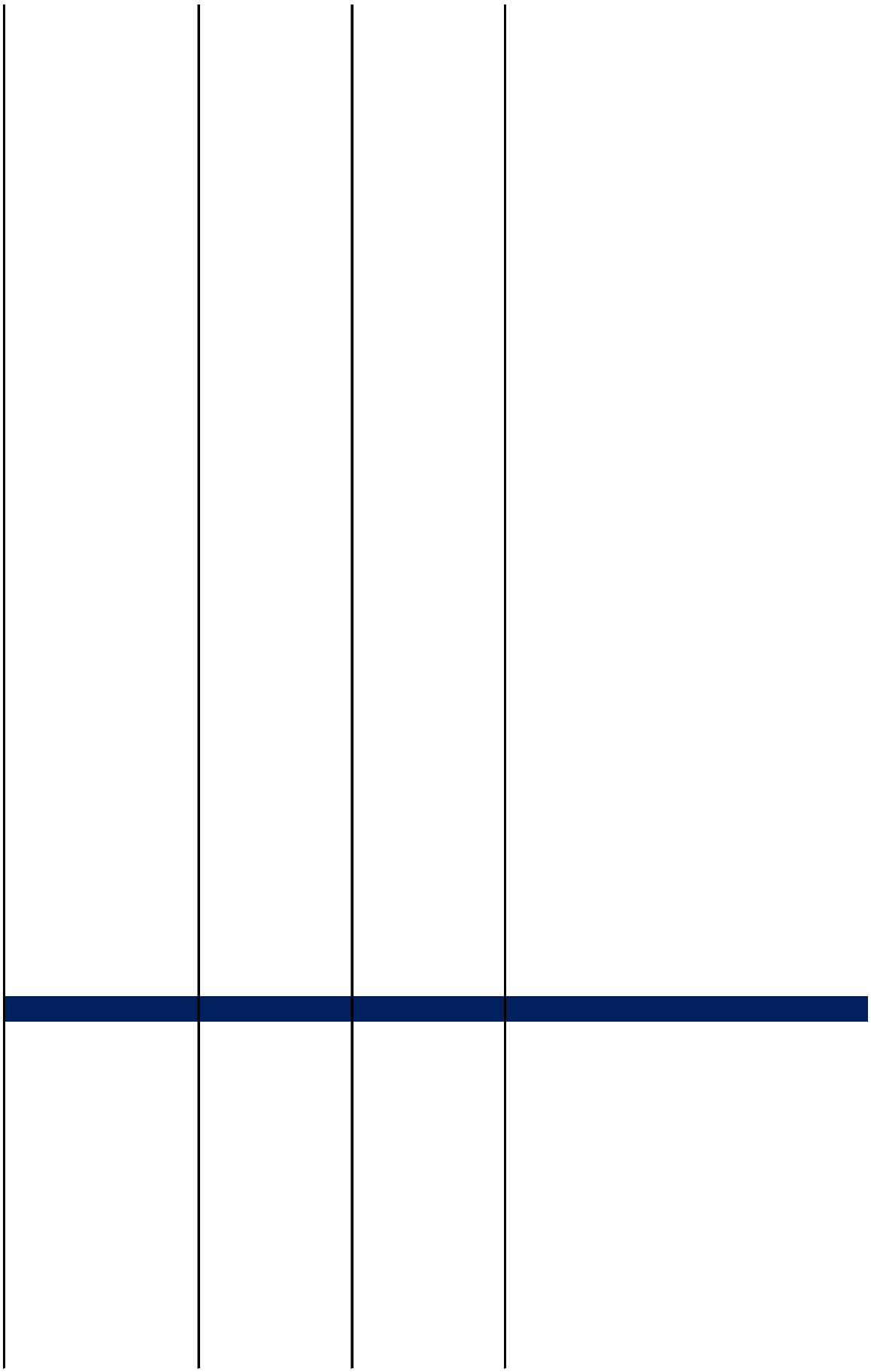


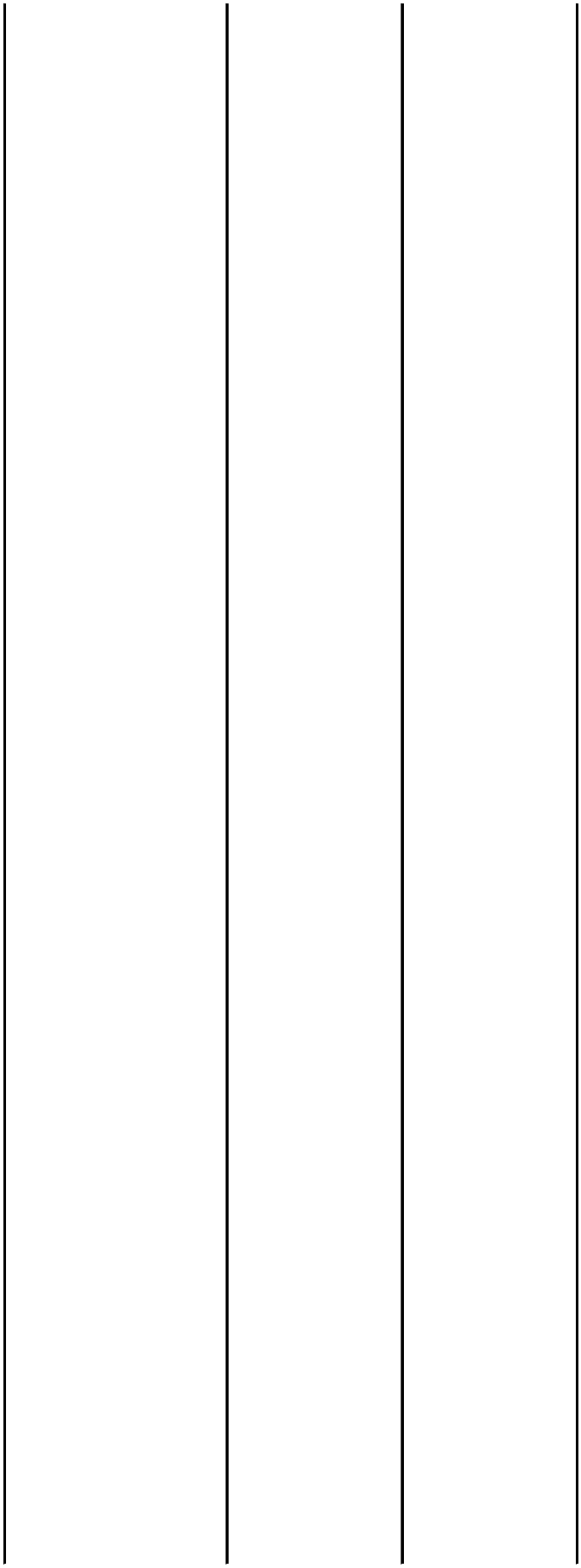


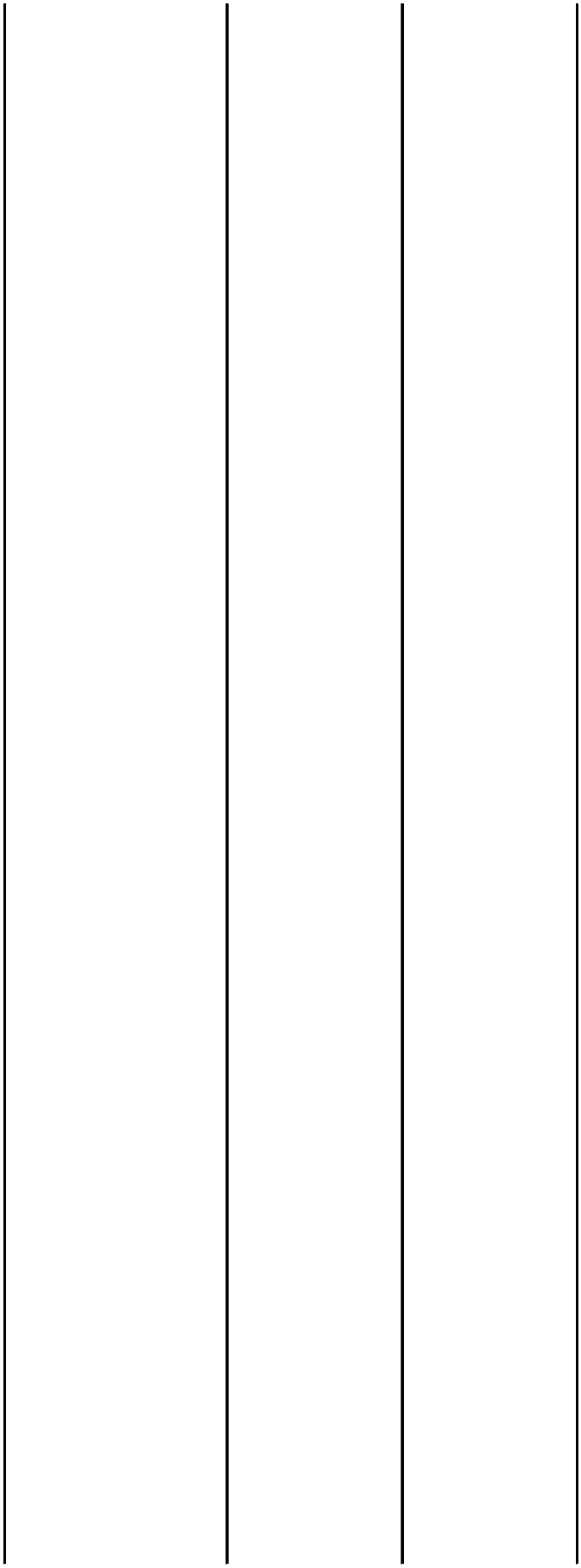


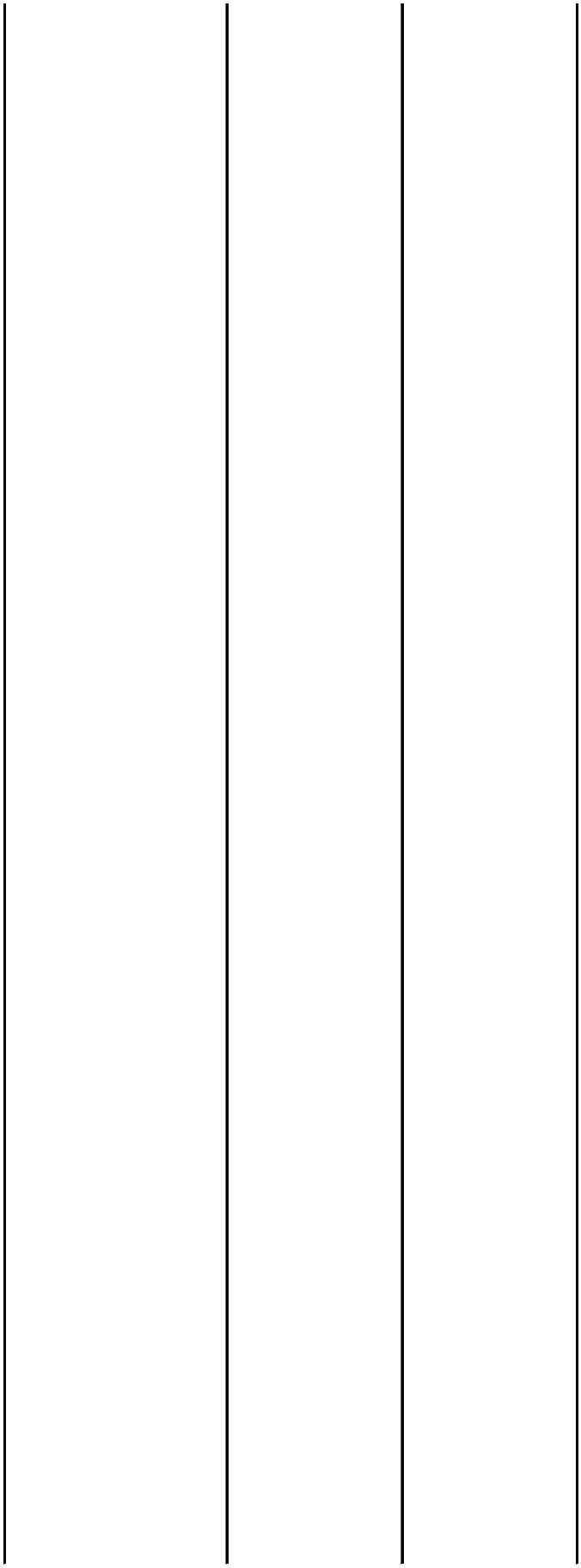


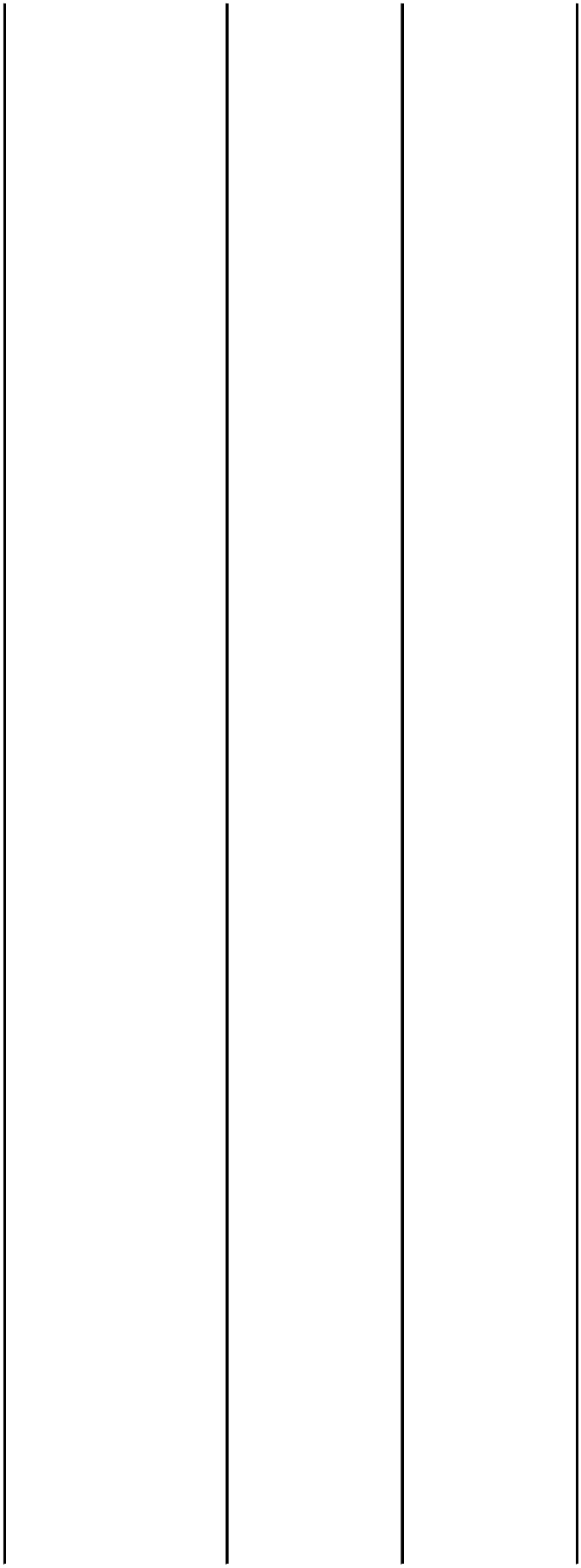


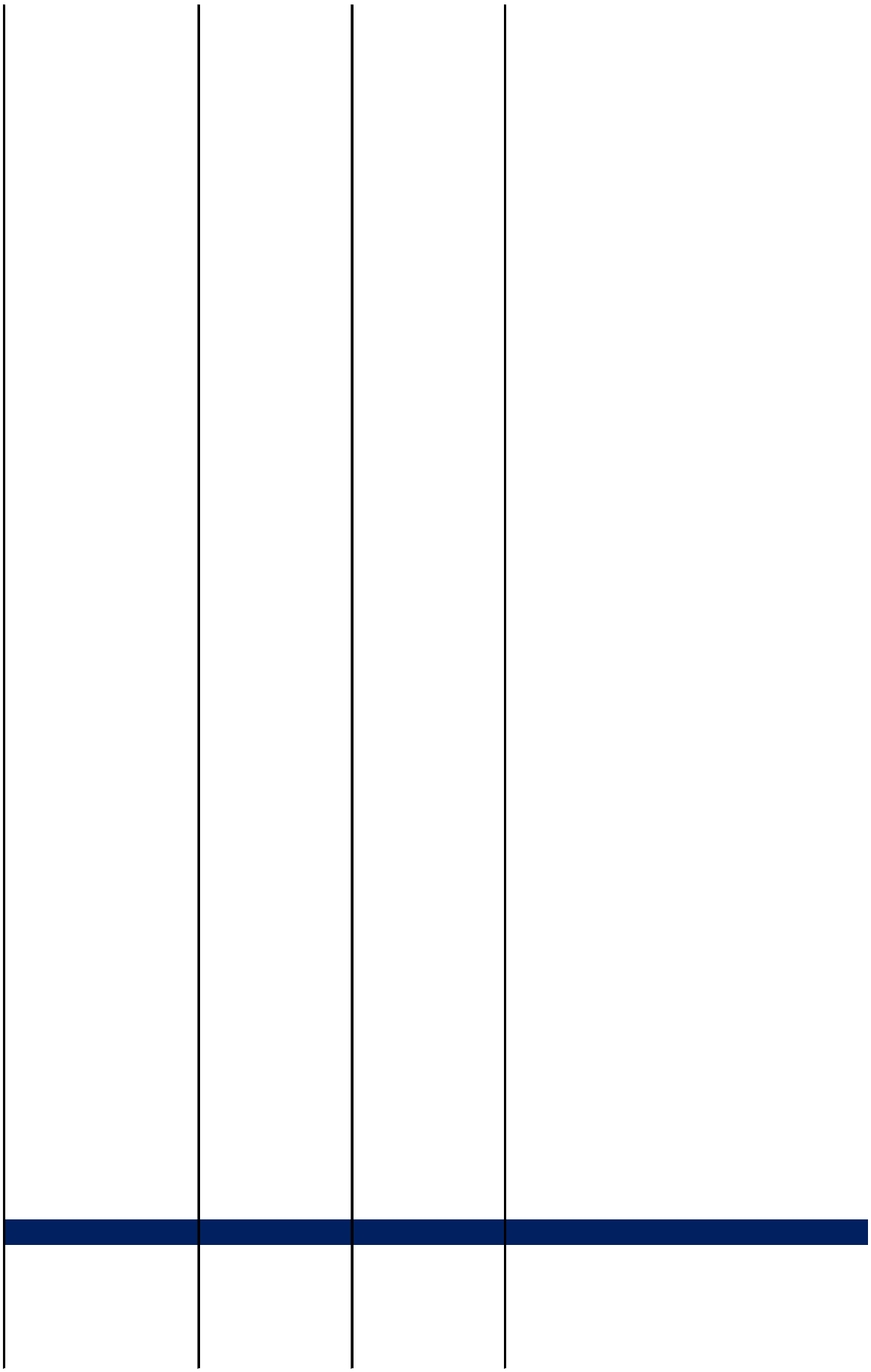


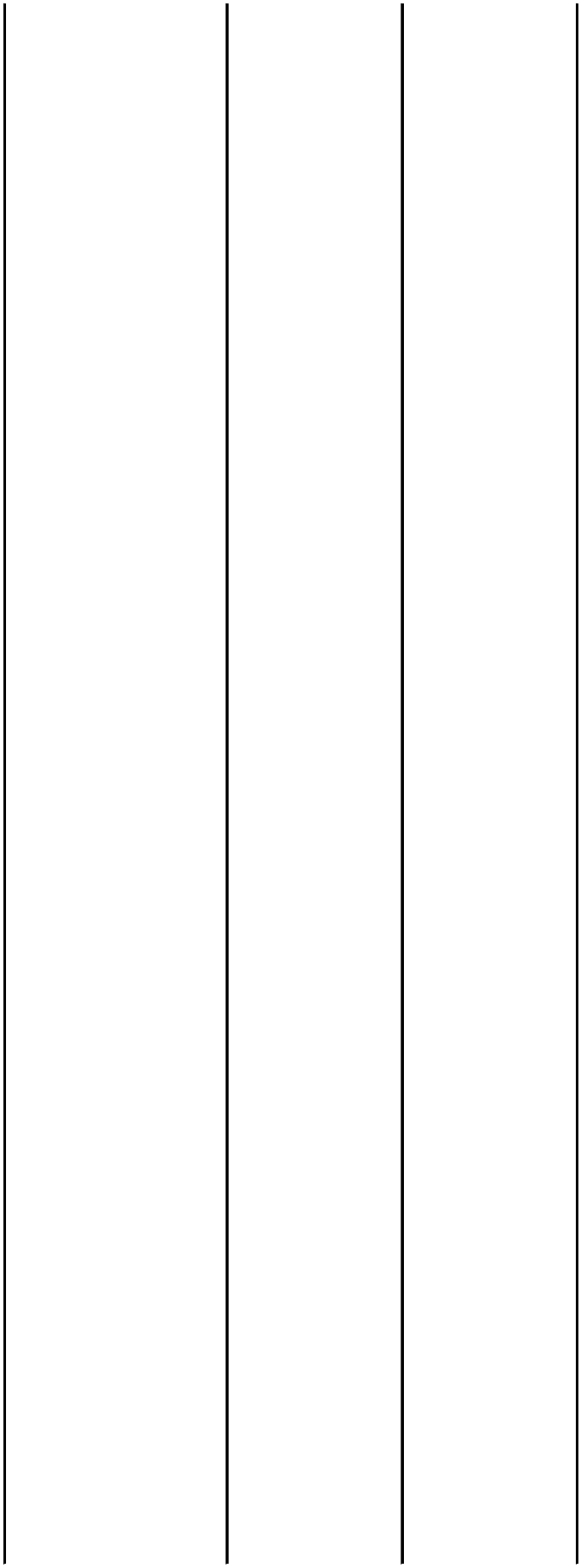


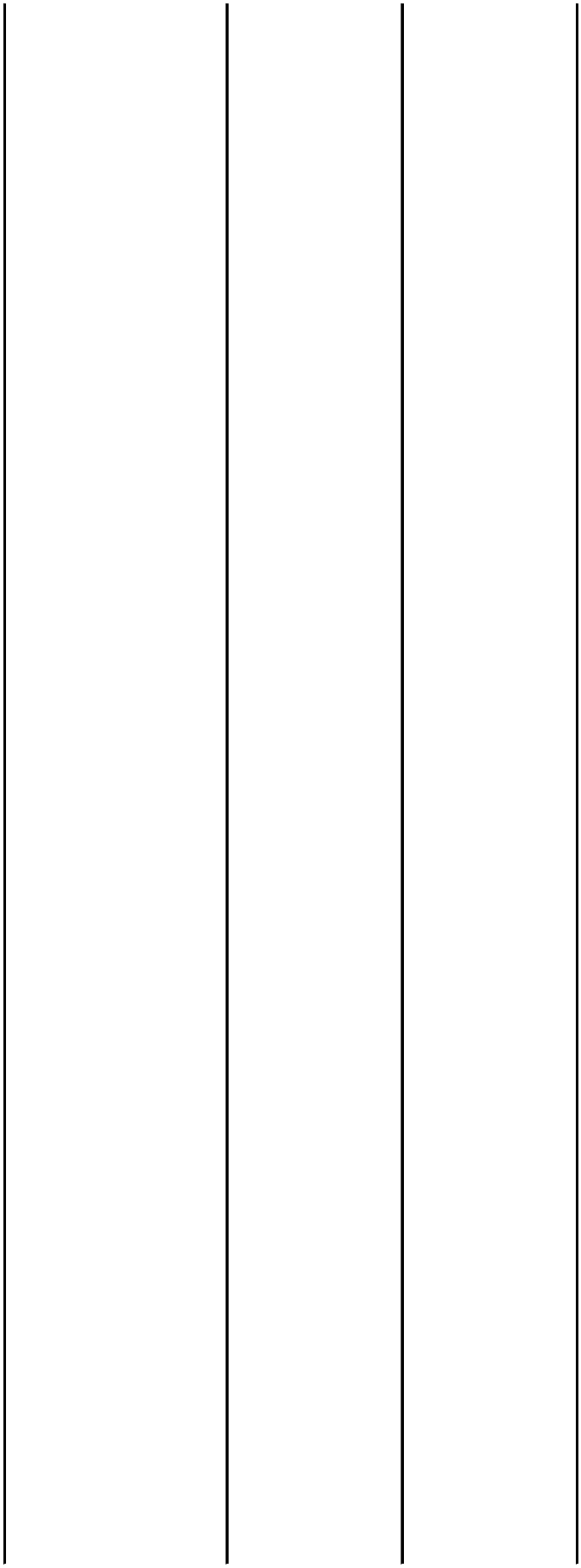


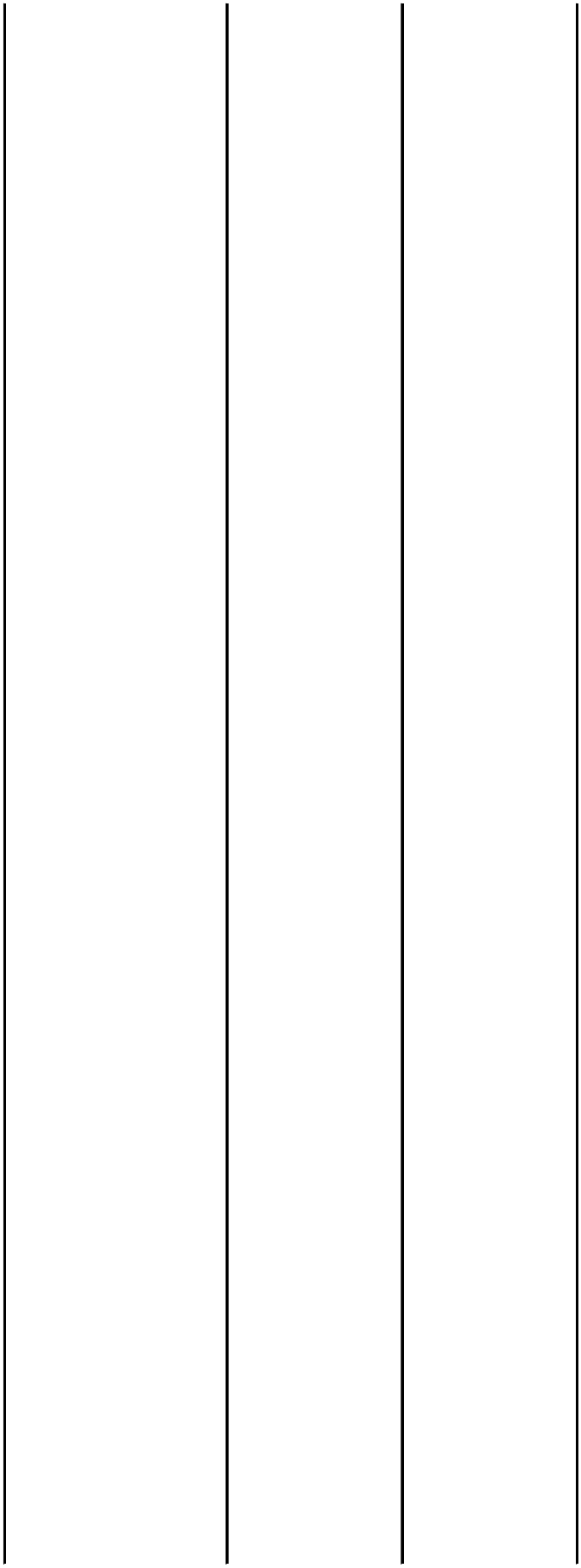


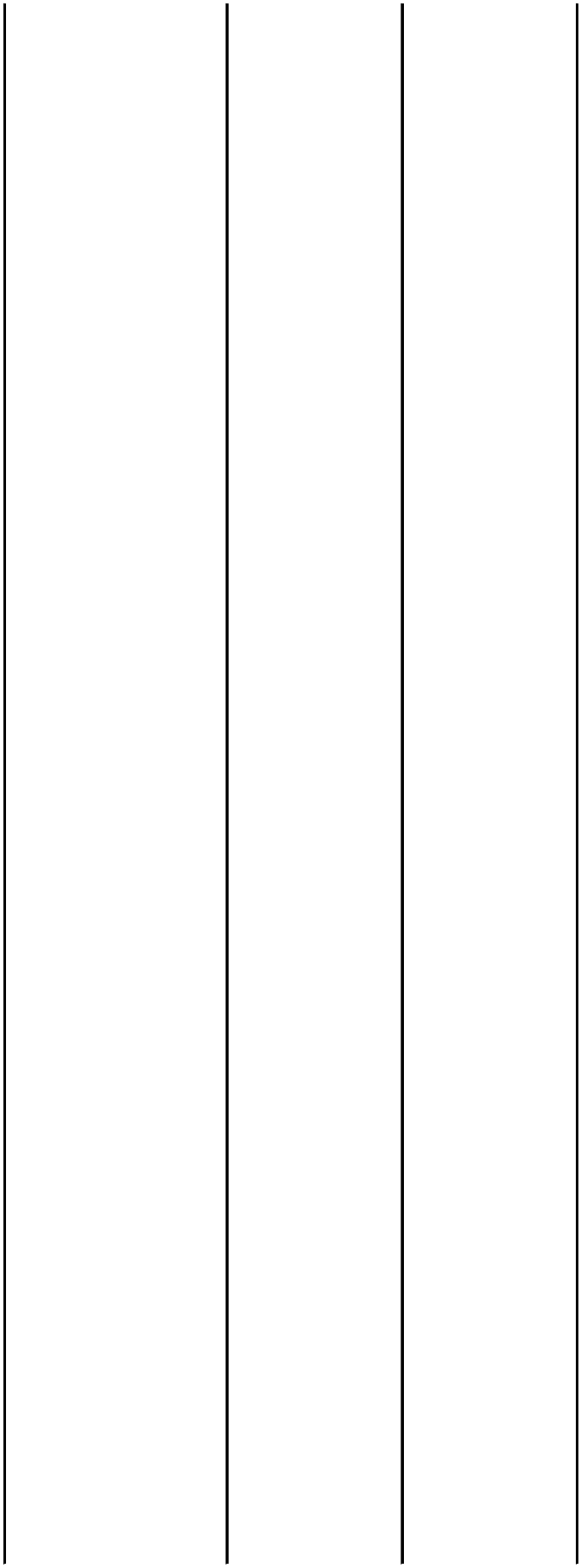


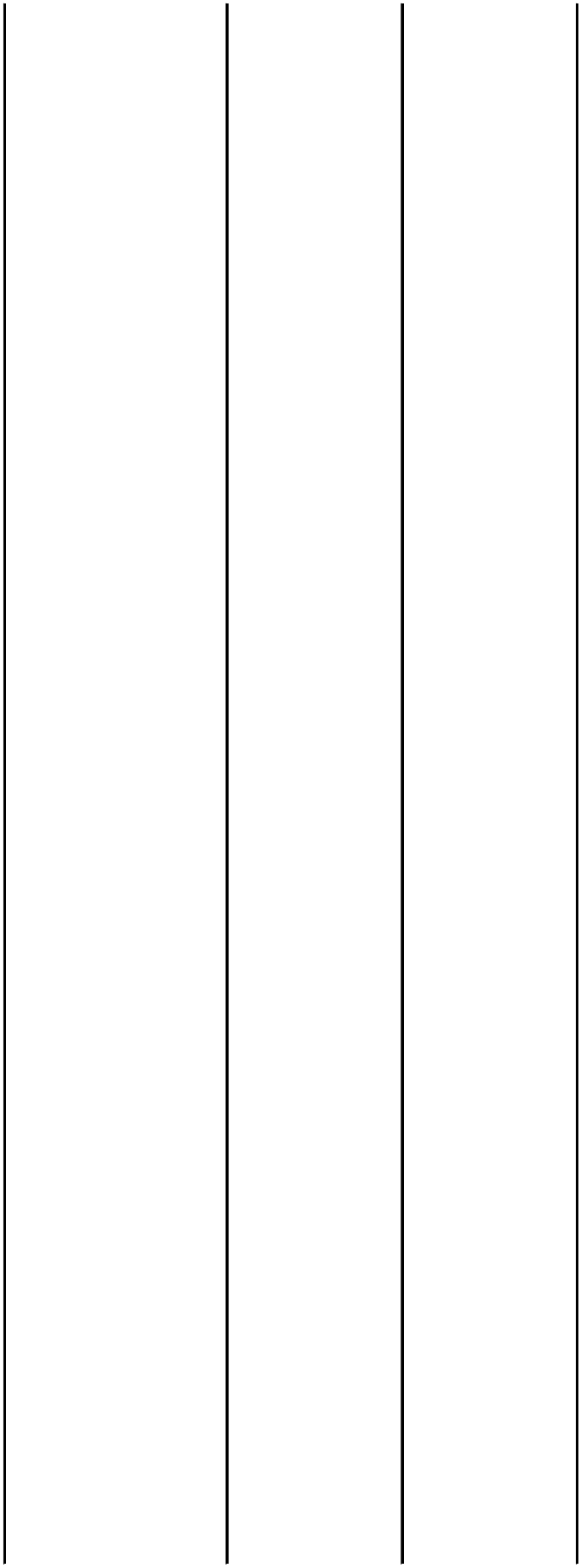


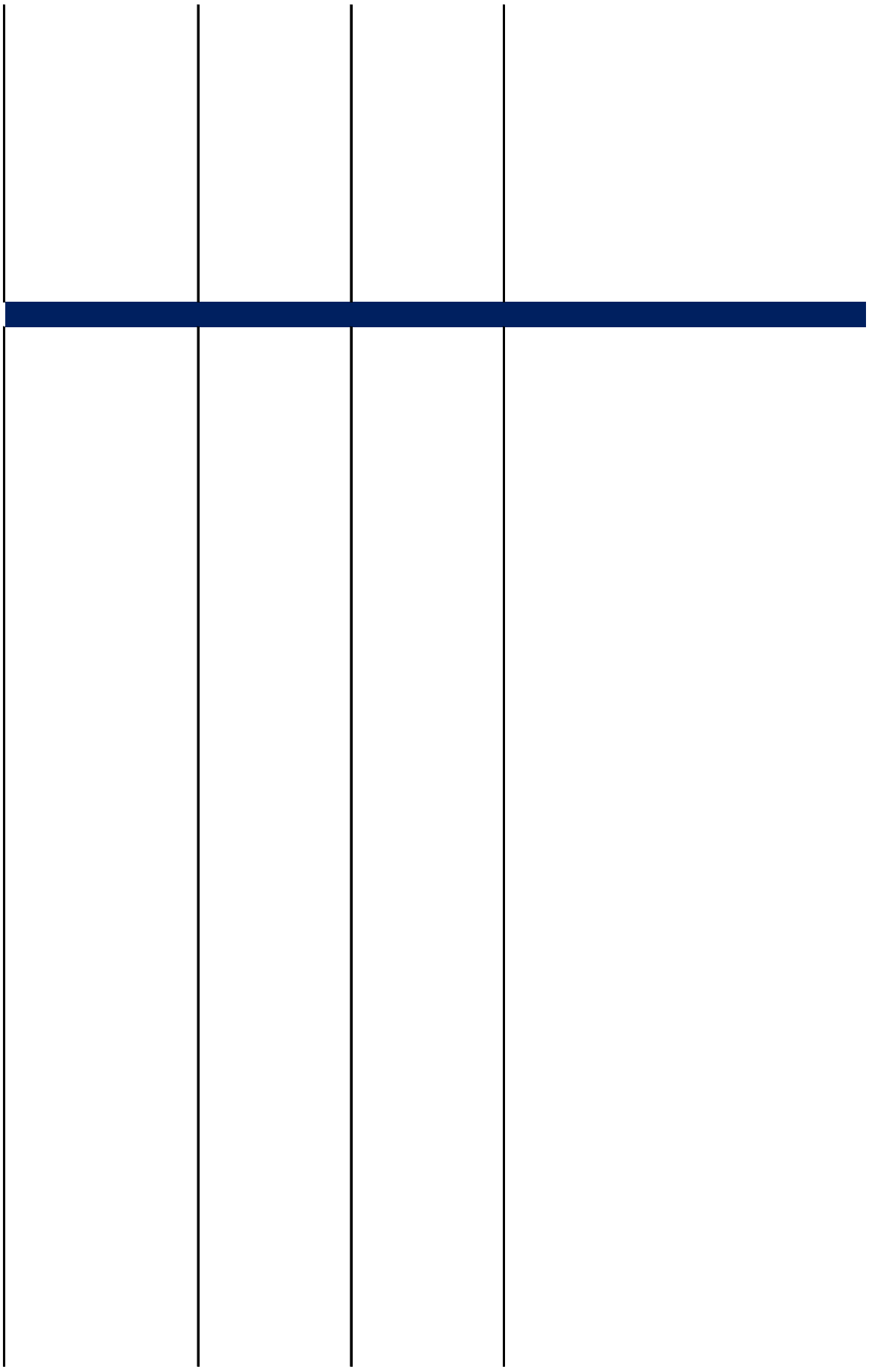


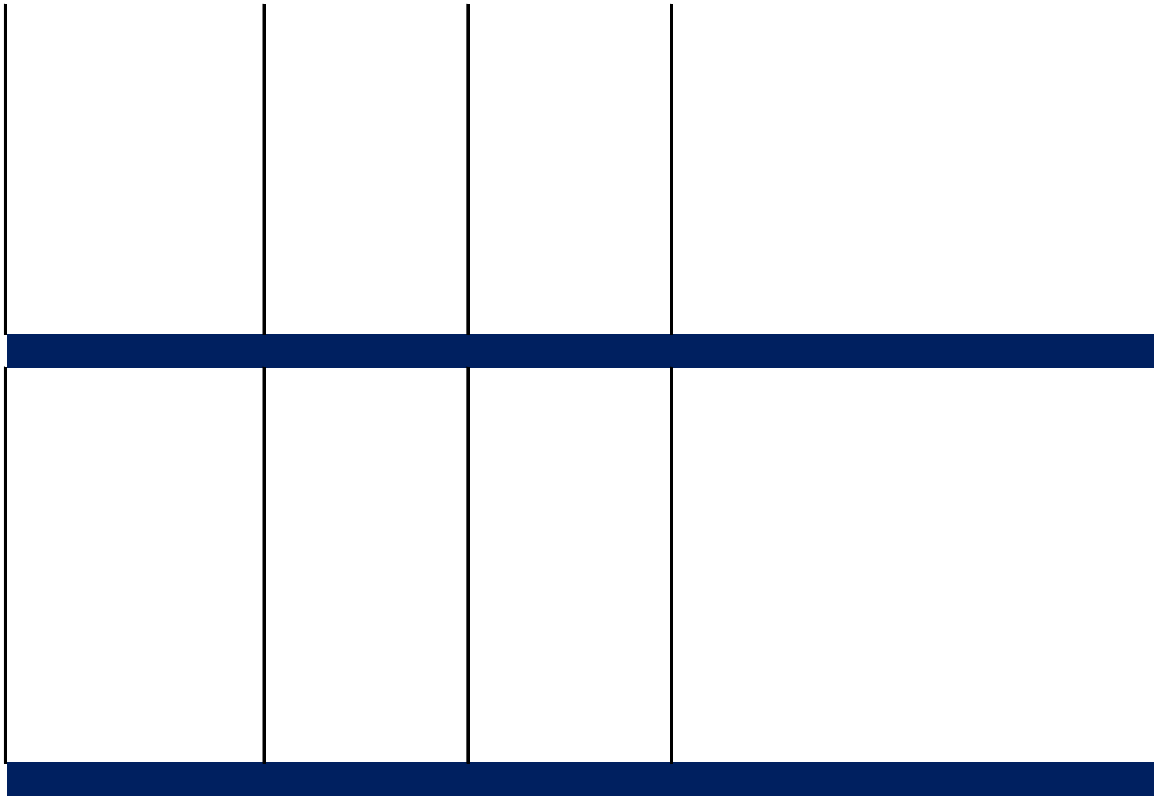












Sector (Dropdown)	Program (Dropdown)	Subprogram (Dropdown)
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
0	0	0
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
B - Low-Income	B1 - Home Energy Assistance	B1a - HEA (Weatherizatio
0	0	0
B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systen
B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systen
B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systen
B - Low-Income	B1 - Home Energy Assistance	B1b - HEA (HVAC Systen
0	0	0
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
A - Residential	A1 - Energy Star Homes	A1a - ES Homes
0	0	0
A - Residential	A2 - Home Performance with Energy Star	A2a - HPwES (Weatheriz
A - Residential	A2 - Home Performance with Energy Star	A2a - HPwES (Weatheriz
A - Residential	A2 - Home Performance with Energy Star	A2a - HPwES (Weatheriz
A - Residential	A2 - Home Performance with Energy Star	A2a - HPwES (Weatheriz

A - Residential	A2 - Home Performance with Energy Star	A2a - HPwES (Weatheriz

C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
0		0	0
0		0	0
0		0	0
0		0	0
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
C - Commercial &	C1 - Large Business Energy Solutions		C1a - LCI Retrofit
0		0	0
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
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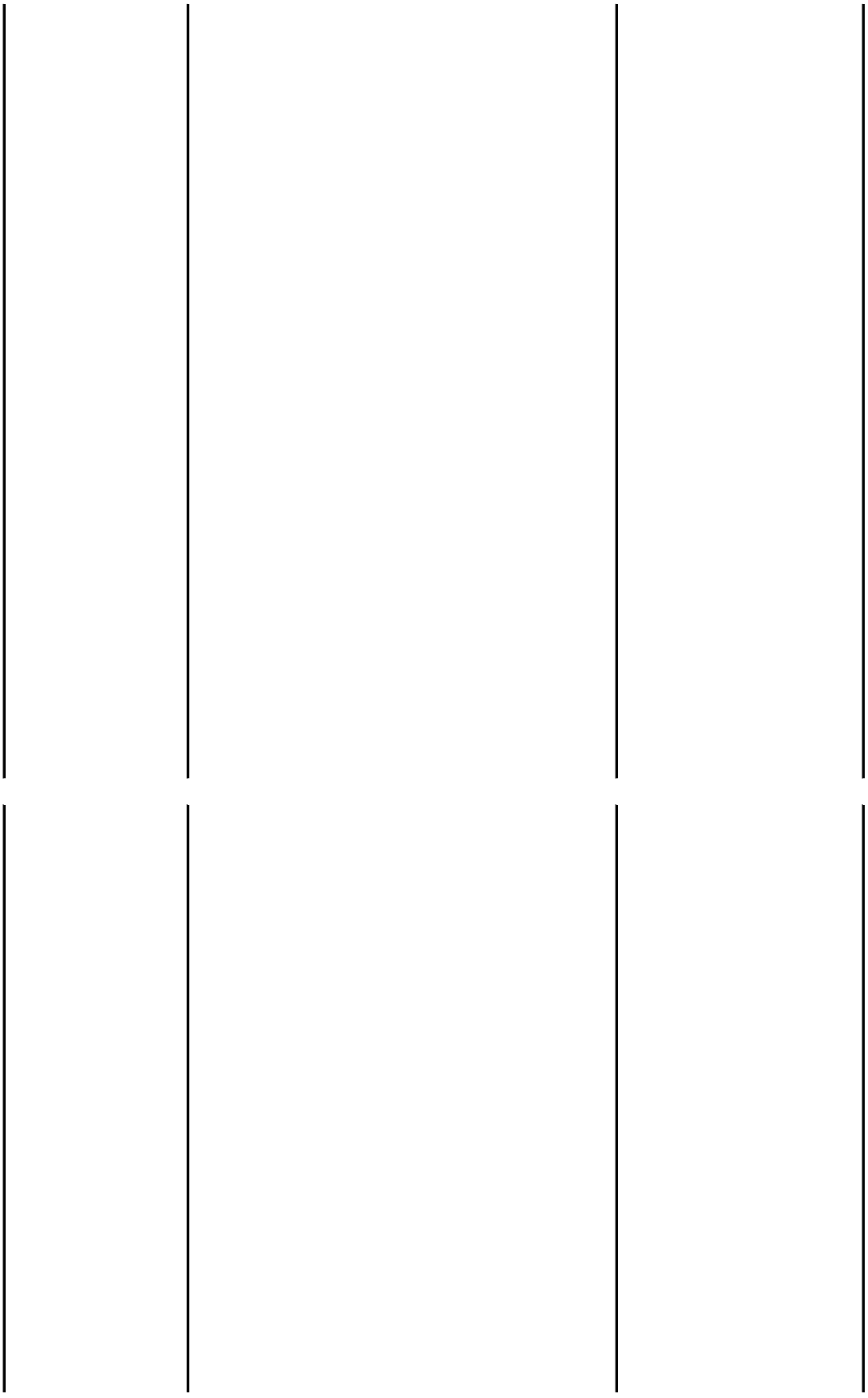
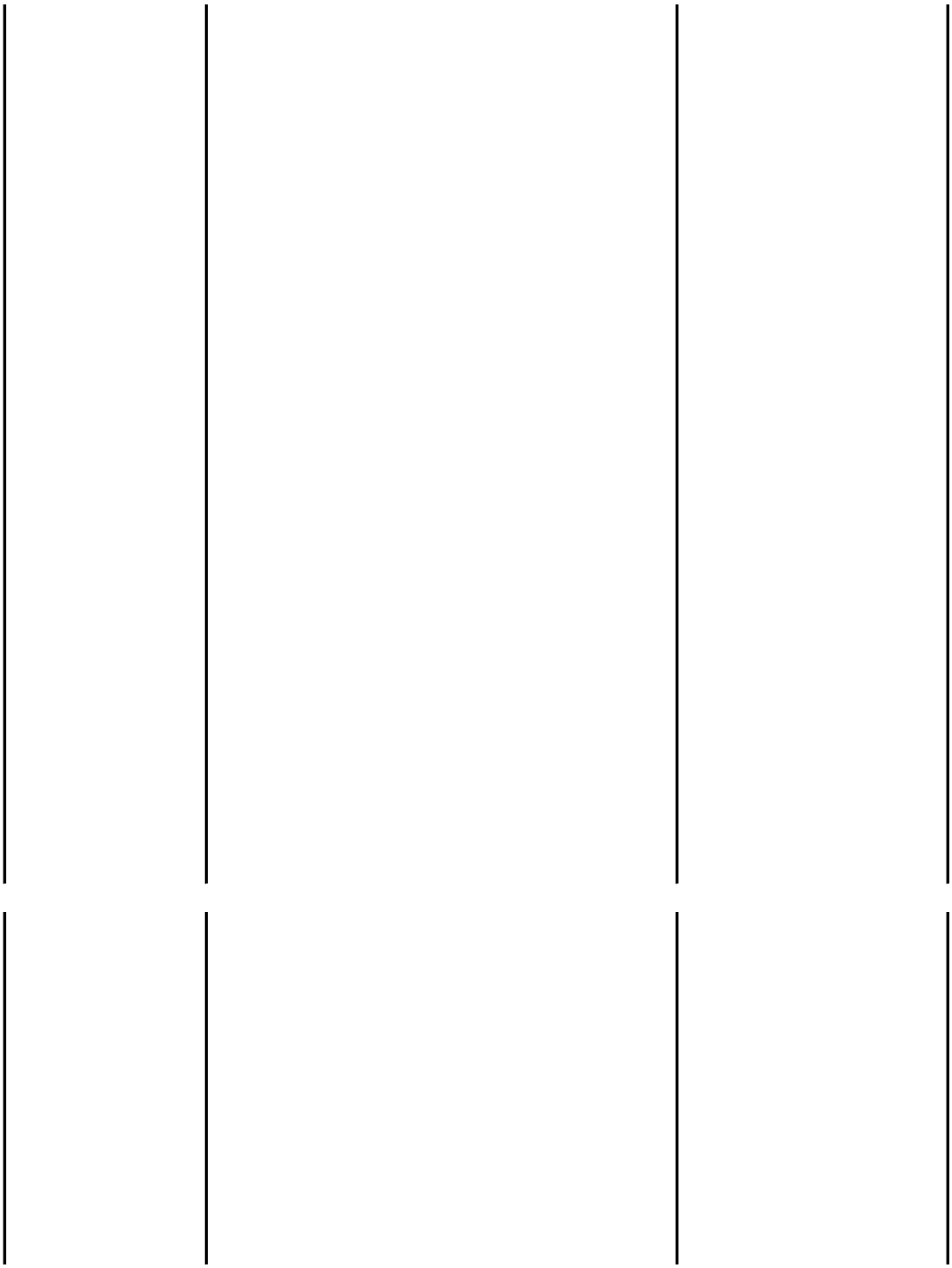
0		0	0
0		0	0
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen

0		0	0
0		0	0
C - Commercial &	C1 - Large Business Energy Solutions		C1b - LCI New Equipmen
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
C - Commercial &	C1 - Large Business Energy Solutions		C1c - LCI Midstream
0		0	0
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2a - SCI Retrofit
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen
C - Commercial &	C2 - Small Business Energy Solutions		C2b - SCI New Equipmen

C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2b - SCI New Equipmer
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
C - Commercial &	C2 - Small Business Energy Solutions	C2c - SCI Midstream
x	x	x





Administrator: **Northern Utilities Inc.**
Program Year: 2023

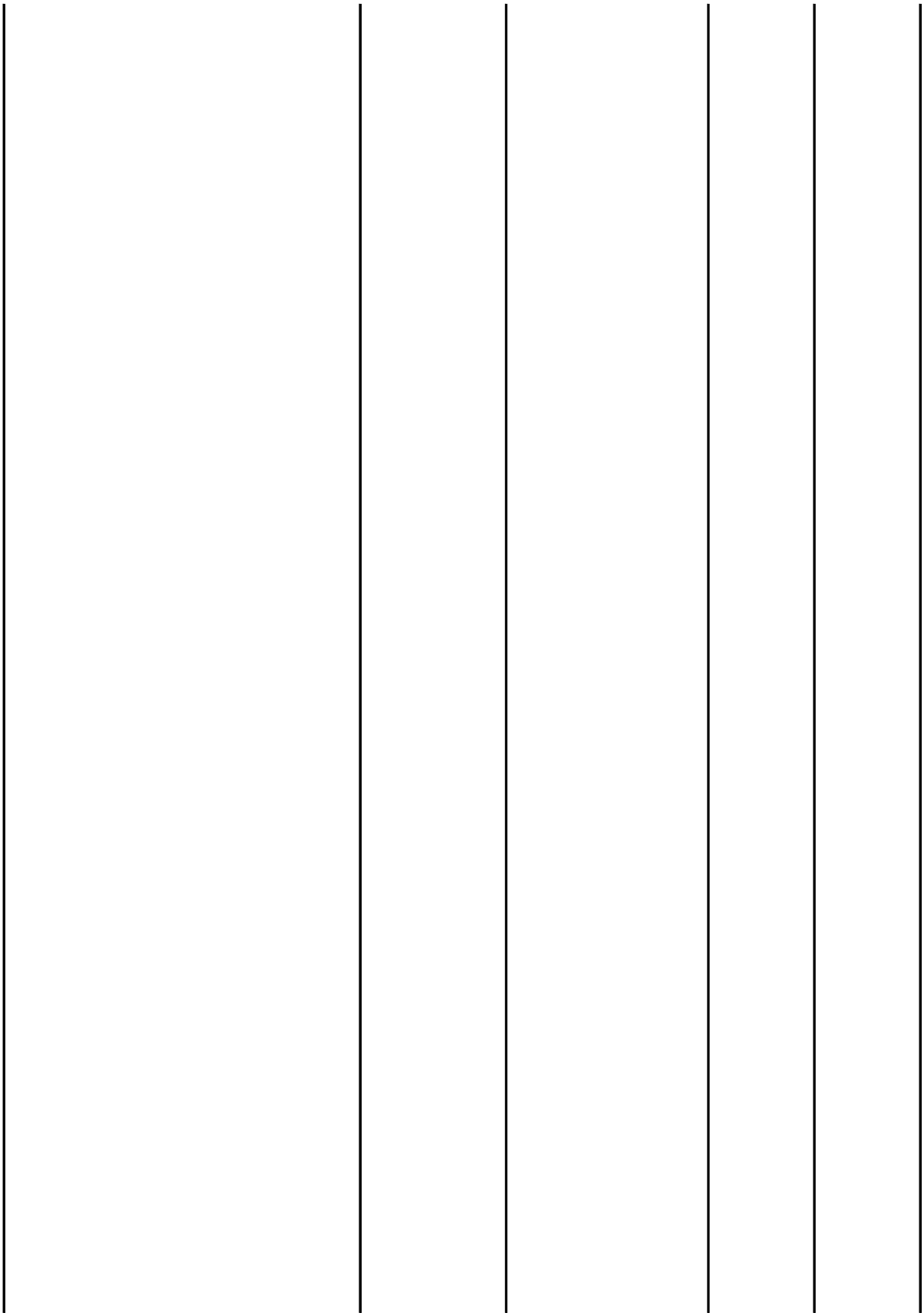
Measure	Measure ID	End Use (Dropdown)	Quantity	Measure Life
Air Sealing, Gas	G21B1a001	Envelope	38	15.0
Faucet Aerator, Gas	G21B1a002	Hot Water	0	7.0
Hand Held Showerhead, Gas	G21B1a003	Hot Water	0	7.0
Insulation, Gas	G21B1a004	Envelope	38	25.0
LED Bulb, General Service Lamps	G21B1a005	Lighting	0	2.0
LED Bulb, Linear	G21B1a006	Lighting	0	10.0
LED Bulb, Other Specialty	G21B1a007	Lighting	0	2.0
LED Bulb, Reflector	G21B1a008	Lighting	0	2.0
LED Fixture	G21B1a009	Lighting	0	2.0
Low Flow Showerhead, Gas	G21B1a010	Hot Water	0	7.0
Pipe Insulation - Hot Water, Gas	G21B1a011	Hot Water	0	15.0
Visual Audit	G21B1a012	Non-Energy Saving	0	1.0
Baseload Audit - SF	G21B1a013	Non-Energy Saving	0	1.0
Baseload Audit - MF	G21B1a014	Non-Energy Saving	0	1.0
Audit	0	Non-Energy Saving	0	1.0
Vendor Fees - Admin Support	0	Non-Energy Saving	0	1.0
0	0	0	0	0.0
Nonprofit services	0	Non-Energy Saving	0	0.0
Wxn Projects	0	HVAC	0	22.0
0	0	0	0	0.0
Boiler Replacement, Gas	G21B1b001	HVAC	4	19.0
Furnace Replacement, Gas	G21B1b002	HVAC	1	17.0
Programmable Thermostat, Gas	G21B1b003	HVAC	12	15.0
Wifi Thermostat, Gas	G21B1b004	HVAC	1	15.0
0	0	0	0	0.0
Cooling, Electric, SF	G21A1a001	HVAC	0	25.0
Heating, Gas, SF	G21A1a002	HVAC	70	25.0
Hot Water, Gas, SF	G21A1a003	Hot Water	50	15.0
Cooling, Electric, MF	G21A1a002	HVAC	0	25.0
Heating, Gas, MF	G21A1a005	HVAC	36	25.0
Hot Water, Gas, MF	G21A1a006	Hot Water	25	15.0
LED Bulb	G21A1a007	Lighting	0	5.0
LED Fixture	G21A1a008	Lighting	0	5.0
Clothes Washer	G21A1a009	Hot Water	0	11.0
HERS Rater Fee - SF	0	Non-Energy Saving	70	1.0
HERS Rater Fee - MF	0	Non-Energy Saving	36	1.0
Residential New Construction Code Co	G21A1a010	HVAC	0	0.0
0	0	0	0	0.0
Air Sealing, Gas	G21A2a001	Envelope	32	15.0
Faucet Aerator, Gas	G21A2a002	Hot Water	8	7.0
Hand Held Showerhead, Gas	G21A2a003	Hot Water	8	7.0
Insulation, Gas	G21A2a004	Envelope	44	25.0

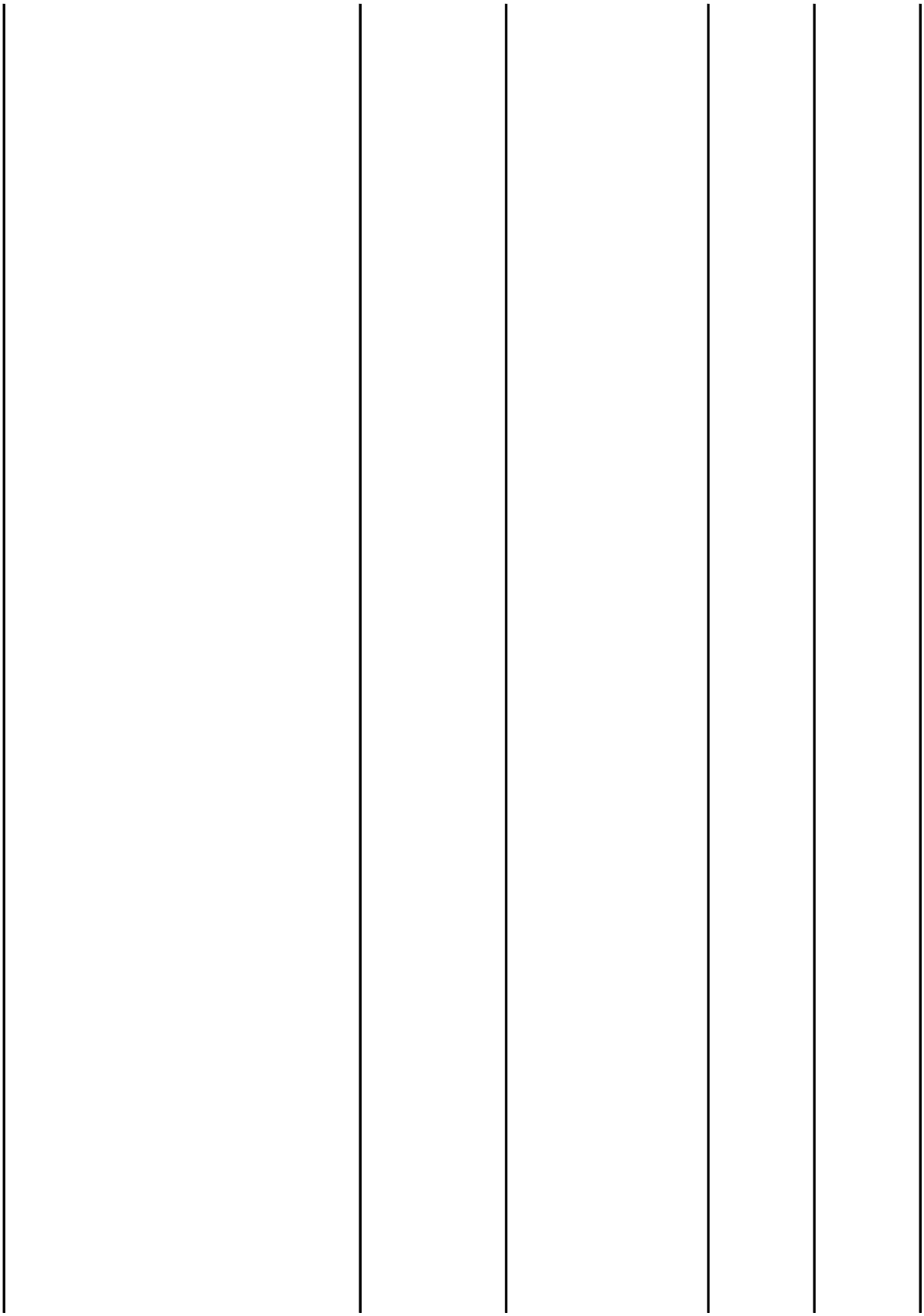
LED Bulb, General Service Lamps	G21A2a005	Lighting	0	2.0
LED Bulb, Linear	G21A2a006	Lighting	0	10.0
LED Bulb, Other Specialty	G21A2a007	Lighting	0	2.0
LED Bulb, Reflector	G21A2a008	Lighting	0	2.0
LED Fixture	G21A2a009	Lighting	0	2.0
Low Flow Showerhead, Gas	G21A2a010	Hot Water	0	7.0
Pipe Insulation - Hot Water, Gas	G21A2a011	Hot Water	0	15.0
Baseload Audit - Electric Savings	G21A2a012	Envelope	0	1.0
Baseload Audit - Thermal Savings	G21A2a013	Envelope	0	1.0
Visual Audit	G21A2a014	Envelope	25	1.0
Wxn Full audits and STAT	0	Non-Energy Saving	50	1.0
non-eneryg saving measure	0	Non-Energy Saving	0	1.0
Vendor Fees - Admin Support	0	Non-Energy Saving	0	1.0
Quality Assurance	0	Non-Energy Saving	0	1.0
3rd Party Financing - Interest Rate Buyl	0	Non-Energy Saving	0	1.0
0	0	0	0	0.0
Boiler Replacement, Gas	G21A2b001	HVAC	0	19.0
Furnace Replacement, Gas	G21A2b002	HVAC	0	17.0
Programmable Thermostat, Gas	G21A2b003	HVAC	65	15.0
Wifi Thermostat, Gas	G21A2b004	HVAC	5	15.0
0	0	0	0	0.0
Early Replacement Boiler, FHW - EE 9(	G21A3b001	HVAC	0	19.0
Early Replacement Boiler, FHW - Retire	G21A3b002	HVAC	0	19.0
Early Replacement Boiler, Steam - EE:	G21A3b003	HVAC	0	19.0
Early Replacement Boiler, Steam - Reti	G21A3b004	HVAC	0	19.0
Boiler Reset Controls	G21A3b005	HVAC	10	15.0
Condensing Boiler >= 90% AFUE (Up t	G21A3b006	HVAC	0	19.0
Condensing Boiler >= 95% AFUE (Up t	G21A3b007	HVAC	35	19.0
Furnace 95+ AFUE (<150) w/ECM Mot	G21A3b008	HVAC	40	17.0
Furnace 97+ AFUE (<150) w/ECM Mot	G21A3b009	HVAC	40	17.0
Heat Recovery Ventilator (-133 kWh pe	G21A3b010	HVAC	1	20.0
Programmable Thermostat	G21A3b011	HVAC	0	15.0
Indirect Water Heater (attached to ES F	G21A3b012	Hot Water	0	20.0
Integrated Water Heater w/Condensing	G21A3b013	Hot Water	1	19.0
Integrated Water Heater w/Condensing	G21A3b014	Hot Water	15	19.0
Condensing Water Heater (EF 0.95)	G21A3b015	Hot Water	0	15.0
Stand Alone Storage Tank Water Heate	G21A3b016	Hot Water	0	13.0
Tankless On-Demand Water Heater, >=	G21A3b017	Hot Water	0	19.0
Tankless On-Demand Water Heater, >=	G21A3b018	Hot Water	15	19.0
WiFi Thermostat (Heating Only)	G21A3b019	HVAC	10	15.0
WiFi Thermostat (Heating & Cooling)	G21A3b020	HVAC	15	15.0
ES Appliances Rebate Processing	0	Non-Energy Saving	12	1.0
Admin Fees	0	Non-Energy Saving	13	1.0
0	0	0	0	0.0
0	0	0	0	0.0
Home Energy Reports	0	Behavior	11,200	1.0
0	0	0	0	0.0
Custom Large Hot Water Retro	G21C1a001	Hot Water	0	10.0
Custom Large HVAC Retro	G21C1a002	HVAC	6	20.0
Custom Large Other Retro	G21C1a003	Custom Measures	5	13.0
Custom Large Process Retro	G21C1a004	Process	3	13.0
Faucet Aerator, Gas	G21C1a005	Hot Water	0	7.0

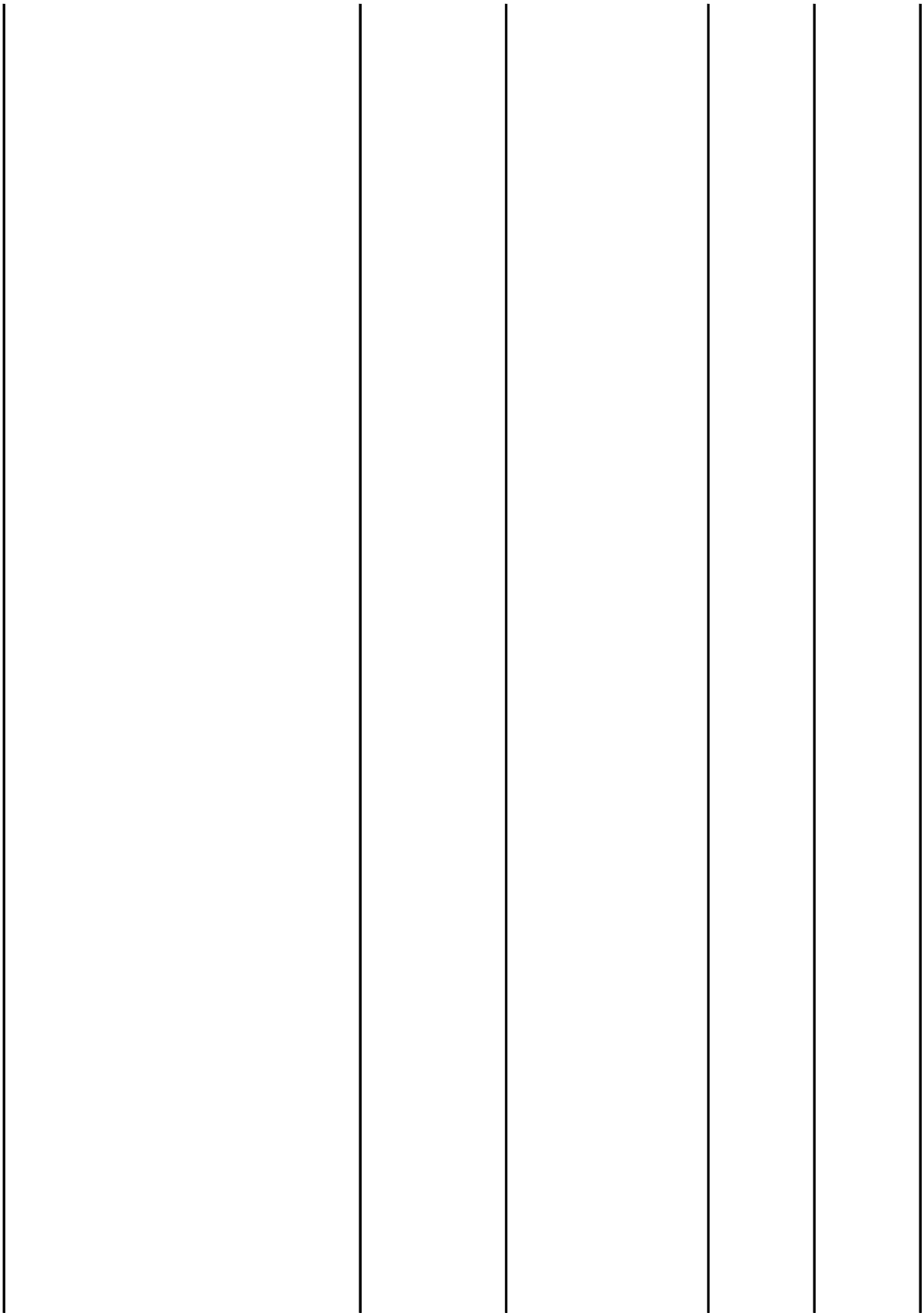
Low Flow Showerhead With Thermosta	G21C1a006	Hot Water	0	7.0	
Low Flow Showerhead, Gas	G21C1a007	Hot Water	0	7.0	
Pipe Wrap - Hot Water, Gas	G21C1a008	Hot Water	0	7.0	
Pre Rinse Spray Valve, Gas	G21C1a009	Hot Water	0	8.0	
Boiler Reset Controls, Gas	G21C1a010	HVAC	0	15.0	
Boiler Tune-Ups	G21C1a011	HVAC	0	1.0	
Energy Management System, Gas	G21C1a012	HVAC	0	15.0	
Pipe Insulation - Heating, Gas	G21C1a013	HVAC	0	15.0	
Steam Trap, Gas	G21C1a014	HVAC	0	6.0	
Programmable Thermostat, Gas	G21C1a015	HVAC	0	15.0	
WiFi Thermostat (Heating & Cooling)	G21C1a016	HVAC	0	15.0	
Vendor Fees	0	Non-Energy Saving	0	1.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
Vendor Fees - TA Studies	0	Non-Energy Saving	0	1.0	
CI Audits - Large Retro	0	Non-Energy Saving	3	1.0	
0	0	0	0	0.0	
Custom Large Hot Water New	G21C1b001	Hot Water	3	10.0	
Custom Large HVAC New	G21C1b002	HVAC	2	18.0	
Custom Large Other New	G21C1b003	Custom Measures	2	13.0	
Custom Large Process New	G21C1b004	Process	0	13.0	
Boiler 1701 to 2000 MBH 90 AFUE, Ga	G21C1b005	HVAC	2	25.0	
Boiler 1000 to 1700 MBH 90 AFUE, Ga	G21C1b006	HVAC	1	25.0	
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C1b007	HVAC	1	25.0	
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C1b008	HVAC	4	25.0	
Boiler to 300 MBH 90 AFUE, Gas	G21C1b009	HVAC	0	25.0	
Boiler to 300 MBH 95 AFUE, Gas	G21C1b010	HVAC	0	25.0	
Combo Condensing Boiler / Water Hea	G21C1b011	HVAC	0	25.0	
Combo Furnace / Water Heater, Gas	G21C1b012	HVAC	0	18.0	
Condensing Unit Heater, Gas	G21C1b013	HVAC	0	18.0	
Furnace w/ ECM 95 AFUE, Gas	G21C1b014	HVAC	0	18.0	
Furnace w/ ECM 97 AFUE, Gas	G21C1b015	HVAC	0	18.0	
Infrared Heater, Gas	G21C1b016	HVAC	10	17.0	
Faucet Aerator, Gas	G21C1b017	Hot Water	0	7.0	
Low Flow Showerhead With Thermosta	G21C1b018	Hot Water	0	7.0	
Low Flow Showerhead, Gas	G21C1b019	Hot Water	0	7.0	
Pre Rinse Spray Valve, Gas	G21C1b020	Hot Water	55	8.0	
Combination Oven, Gas	G21C1b021	Food Service	0	12.0	
Convection Oven, Gas	G21C1b022	Food Service	1	12.0	
Conveyor Oven, Gas	G21C1b023	Food Service	0	12.0	
Fryer, Gas	G21C1b024	Food Service	6	12.0	
Griddle, Gas	G21C1b025	Food Service	0	12.0	
Rack Oven, Gas	G21C1b026	Food Service	0	12.0	
Steam Cooker, Gas	G21C1b027	Food Service	0	12.0	
Vendor Fees	0	Non-Energy Saving	0	1.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
C&I Large New Construction Code Con	G21C1b028	HVAC	1	20.0	
Vendor Fees - TA Studies	0	Non-Energy Saving	0	1.0	

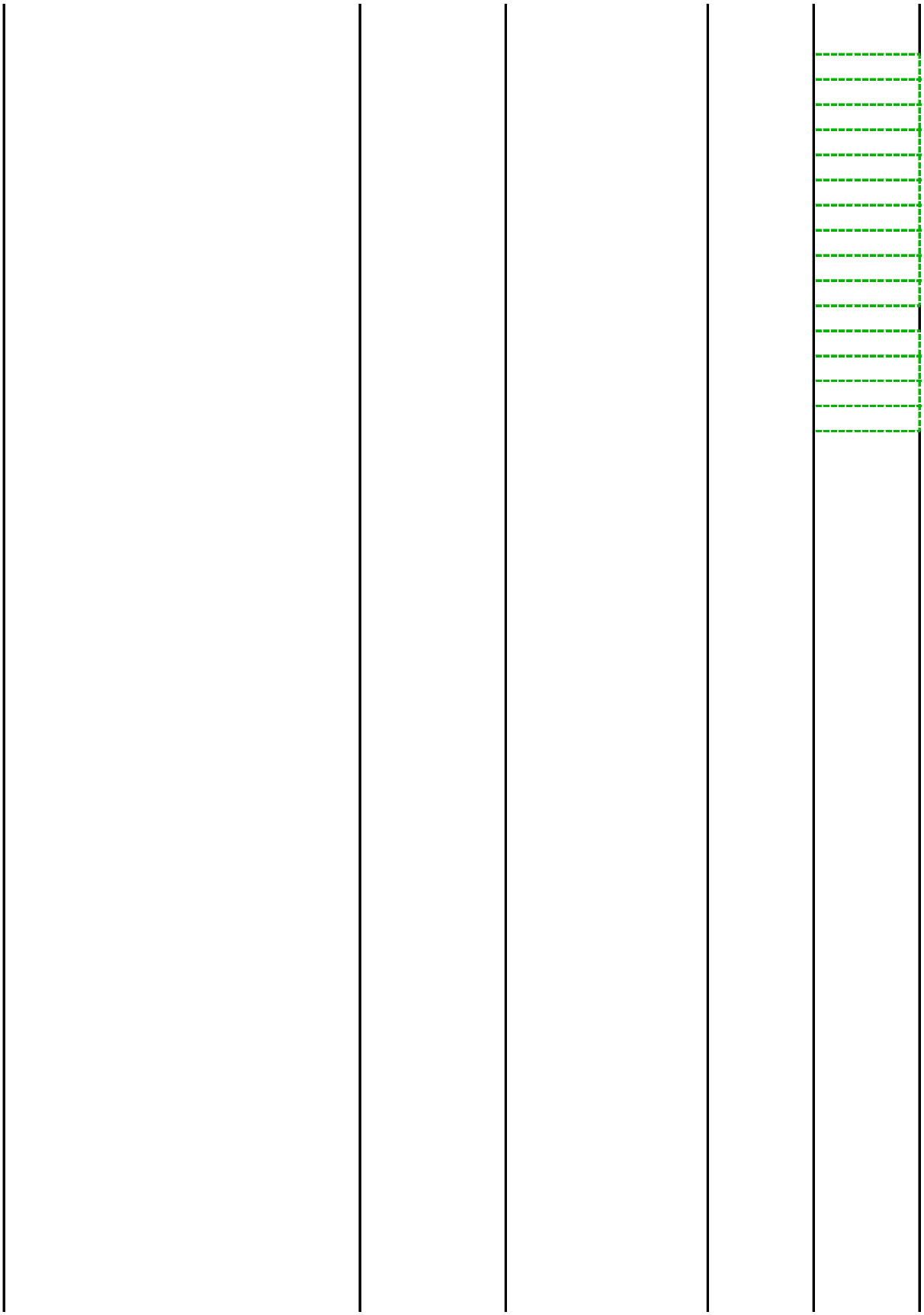
0	0	0	0	0	0.0
0	0	0	0	0	0.0
CI Audits - Large New	0	Non-Energy Saving		2	1.0
Midstream Water Heater, Condensing (	G21C1c012	Hot Water		1	15.0
Midstream Combination Oven, Gas	G21C1c001	Food Service		0	12.0
Midstream Convection Oven, Gas	G21C1c002	Food Service		1	12.0
Midstream Conveyor Oven, Gas	G21C1c003	Food Service		0	12.0
Midstream Fryer, Gas	G21C1c004	Food Service		1	12.0
Midstream Griddle, Gas	G21C1c005	Food Service		0	12.0
Midstream Pre-Rinse Spray Valve, Gas	G21C1c006	Food Service		0	8.0
Midstream Rack Oven, Gas	G21C1c007	Food Service		0	12.0
Midstream Steam Cooker, Gas	G21C1c008	Food Service		0	12.0
Midstream Indirect Water Heater, Gas	G21C1c009	Hot Water		1	15.0
Midstream On Demand Tankless Wate	G21C1c010	Hot Water		1	20.0
Midstream Volume Water Heater, Gas	G21C1c011	Hot Water		1	15.0
Midstream Rebate Processing	0	Non-Energy Saving		0	1.0
0	0	0	0	0	0.0
Custom Small Hot Water Retro	G21C2a001	Hot Water		0	10.0
Custom Small HVAC Retro	G21C2a002	HVAC		8	14.0
Custom Small Other Retro	G21C2a003	Custom Measures		5	15.0
Custom Small Process Retro	G21C2a004	Process		4	20.0
Faucet Aerator, Gas	G21C2a005	Hot Water		50	7.0
Low Flow Showerhead With Thermosta	G21C2a006	Hot Water		0	7.0
Low Flow Showerhead, Gas	G21C2a007	Hot Water		50	7.0
Pipe Wrap - Hot Water, Gas	G21C2a008	Hot Water		0	7.0
Pre Rinse Spray Valve, Gas	G21C2a009	Hot Water		0	8.0
Boiler Reset Controls, Gas	G21C2a010	HVAC		30	15.0
Boiler Tune-Ups	G21C2a011	HVAC		0	0.0
Energy Management System, Gas	G21C2a012	HVAC		0	0.0
Pipe Insulation - Heating, Gas	G21C2a013	HVAC		0	15.0
Steam Trap, Gas	G21C2a014	HVAC		15	6.0
Programmable Thermostat, Gas	G21C2a015	HVAC		75	15.0
0	0	0	0	0	0.0
Vendor Fees	0	Non-Energy Saving		1	1.0
0	0	0	0	0	0.0
0	0	0	0	0	0.0
0	0	0	0	0	0.0
0	0	0	0	0	0.0
Vendor Fees - TA Studies	0	Non-Energy Saving		0	1.0
CI Audits - Small Retro	0	Non-Energy Saving		0	1.0
0	0	0	0	0	0.0
Custom Small Hot Water New	G21C2b001	Hot Water		12	12.0
Custom Small HVAC New	G21C2b002	HVAC		5	14.0
Custom Small Other New	G21C2b003	Custom Measures		0	0.0
Custom Small Process New	G21C2b004	Process		0	0.0
Boiler 1701 to 2000 MBH 90 AFUE, Ga	G21C2b005	HVAC		1	25.0
Boiler 1000 to 1700 MBH 90 AFUE, Ga	G21C2b006	HVAC		2	25.0
Boiler 500 to 999 MBH 90 AFUE, Gas	G21C2b007	HVAC		4	25.0
Boiler 301 to 499 MBH 90 AFUE, Gas	G21C2b008	HVAC		4	25.0
Boiler to 300 MBH 90 AFUE, Gas	G21C2b009	HVAC		5	25.0
Boiler to 300 MBH 95 AFUE, Gas	G21C2b010	HVAC		8	25.0
Combo Condensing Boiler / Water Hea	G21C2b011	HVAC		0	25.0

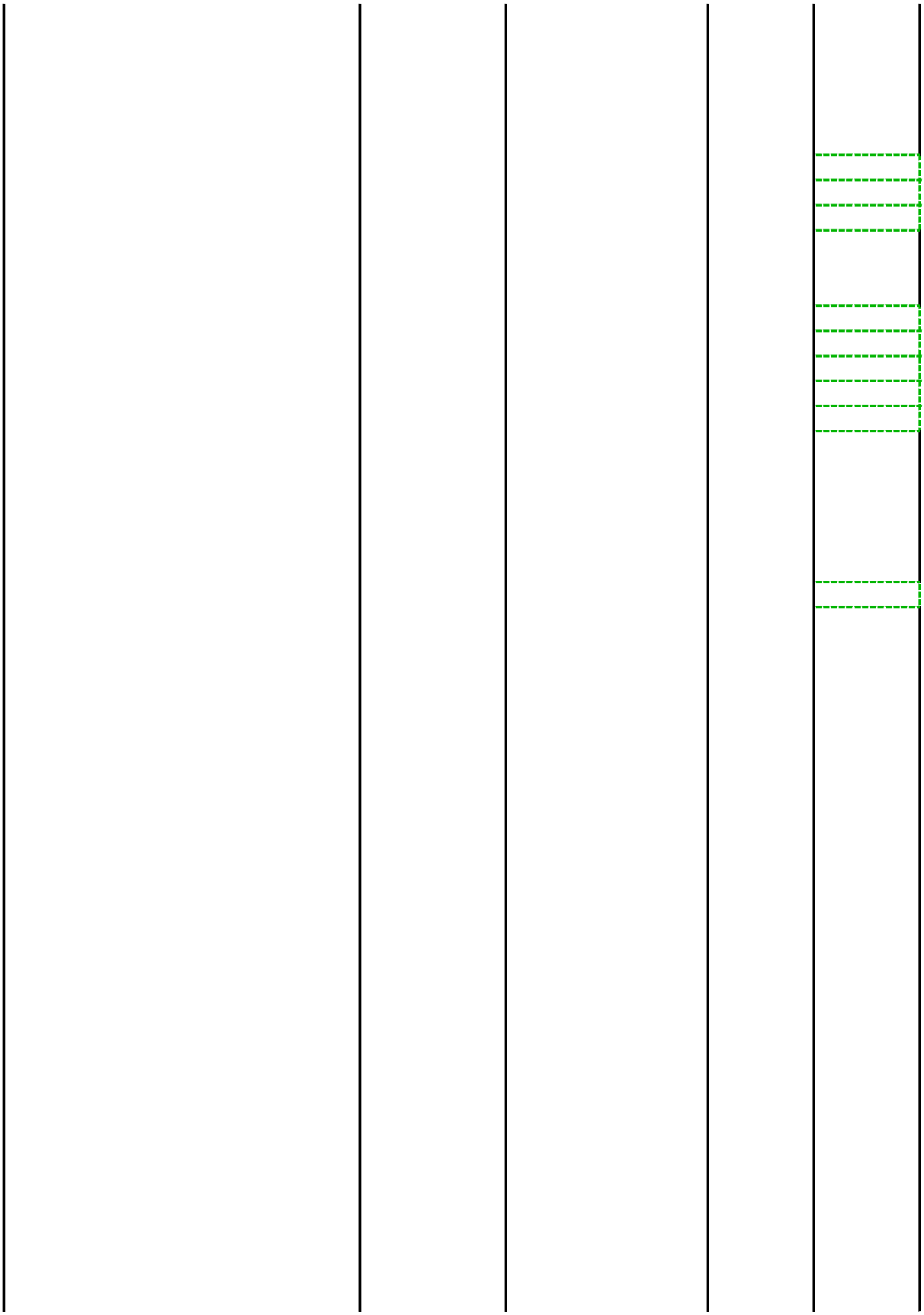
Combo Furnace / Water Heater, Gas	G21C2b012	HVAC	0	18.0	
Condensing Unit Heater, Gas	G21C2b013	HVAC	2	18.0	
Furnace w/ ECM 95 AFUE, Gas	G21C2b014	HVAC	0	18.0	
Furnace w/ ECM 97 AFUE, Gas	G21C2b015	HVAC	0	18.0	
Infrared Heater, Gas	G21C2b016	HVAC	10	17.0	
Faucet Aerator, Gas	G21C2b017	Hot Water	130	10.0	
Low Flow Showerhead With Thermosta	G21C2b018	Hot Water	0	7.0	
Low Flow Showerhead, Gas	G21C2b019	Hot Water	0	7.0	
Pre Rinse Spray Valve, Gas	G21C2b020	Hot Water	0	8.0	
Combination Oven, Gas	G21C2b021	Food Service	5	12.0	
Convection Oven, Gas	G21C2b022	Food Service	2	12.0	
Conveyor Oven, Gas	G21C2b023	Food Service	0	12.0	
Fryer, Gas	G21C2b024	Food Service	5	12.0	
Griddle, Gas	G21C2b025	Food Service	3	12.0	
Rack Oven, Gas	G21C2b026	Food Service	2	12.0	
Steam Cooker, Gas	G21C2b027	Food Service	1	12.0	
Vendor Fees	0	Non-Energy Saving	0	1.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
C&I Small New Construction Code Con	G21C2b028	HVAC	0	20.0	
Vendor Fees - TA Studies	0	Non-Energy Saving	3	1.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
CI Audits - Small New	0	Non-Energy Saving	0	1.0	
0	0	0	0	0.0	
0	0	0	0	0.0	
Midstream Combination Oven, Gas	G21C2c001	Food Service	1	12.0	
Midstream Convection Oven, Gas	G21C2c002	Food Service	1	12.0	
Midstream Conveyor Oven, Gas	G21C2c003	Food Service	0	12.0	
Midstream Fryer, Gas	G21C2c004	Food Service	2	12.0	
Midstream Griddle, Gas	G21C2c005	Food Service	0	12.0	
Midstream Pre-Rinse Spray Valve, Gas	G21C2c006	Food Service	0	8.0	
Midstream Rack Oven, Gas	G21C2c007	Food Service	0	12.0	
Midstream Steam Cooker, Gas	G21C2c008	Food Service	0	12.0	
Midstream Indirect Water Heater, Gas	G21C2c009	Hot Water	1	15.0	
Midstream On Demand Tankless Wate	G21C2c010	Hot Water	3	20.0	
Midstream Volume Water Heater, Gas	G21C2c011	Hot Water	1	15.0	
Midstream Water Heater, Condensing	G21C2c012	Hot Water	1	15.0	
Midstream Rebate Processing	0	Non-Energy Saving	0	1.0	
	0		0		
	0		0		
			0		
			0		
			0		
x	x	x	x	x	

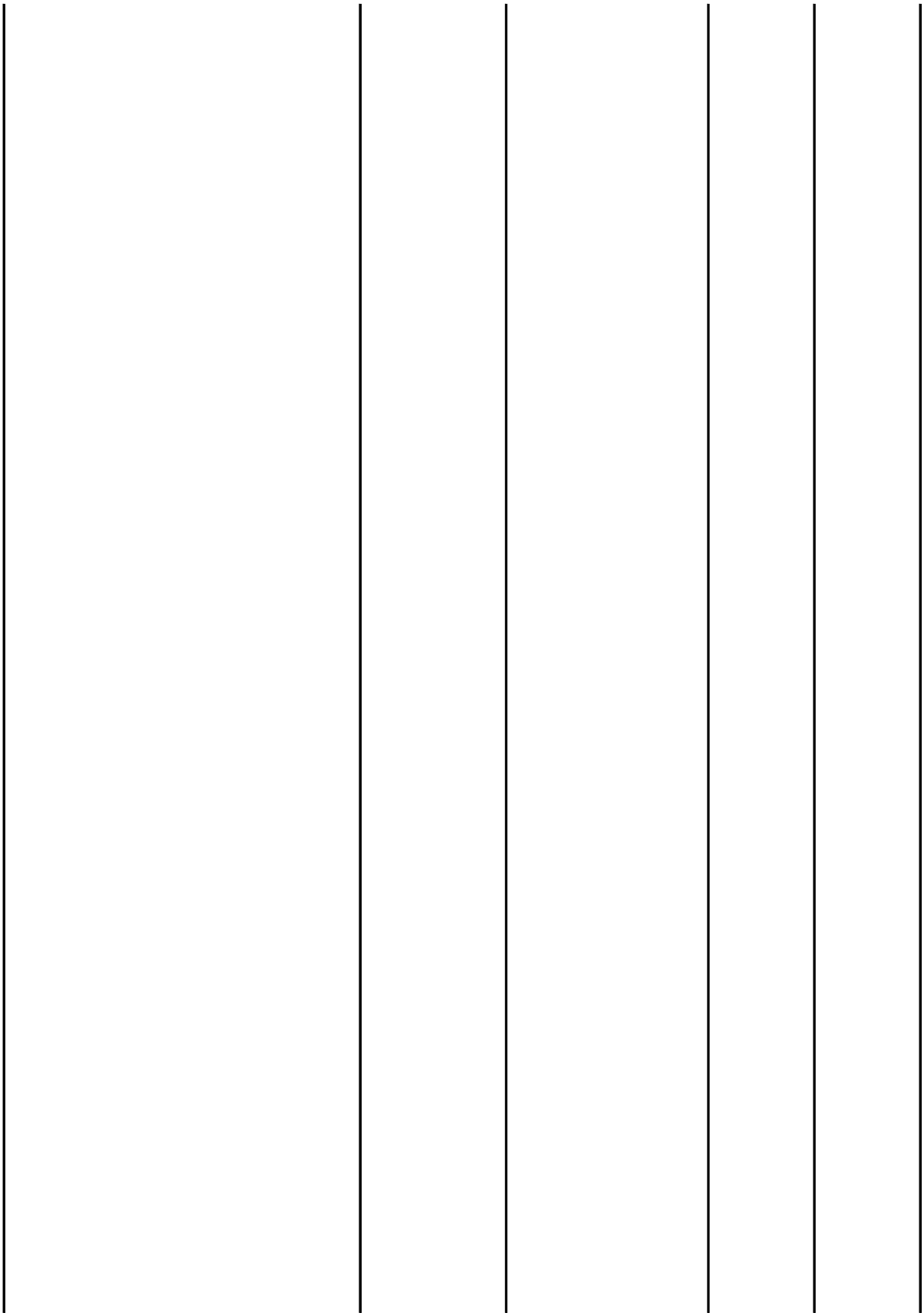


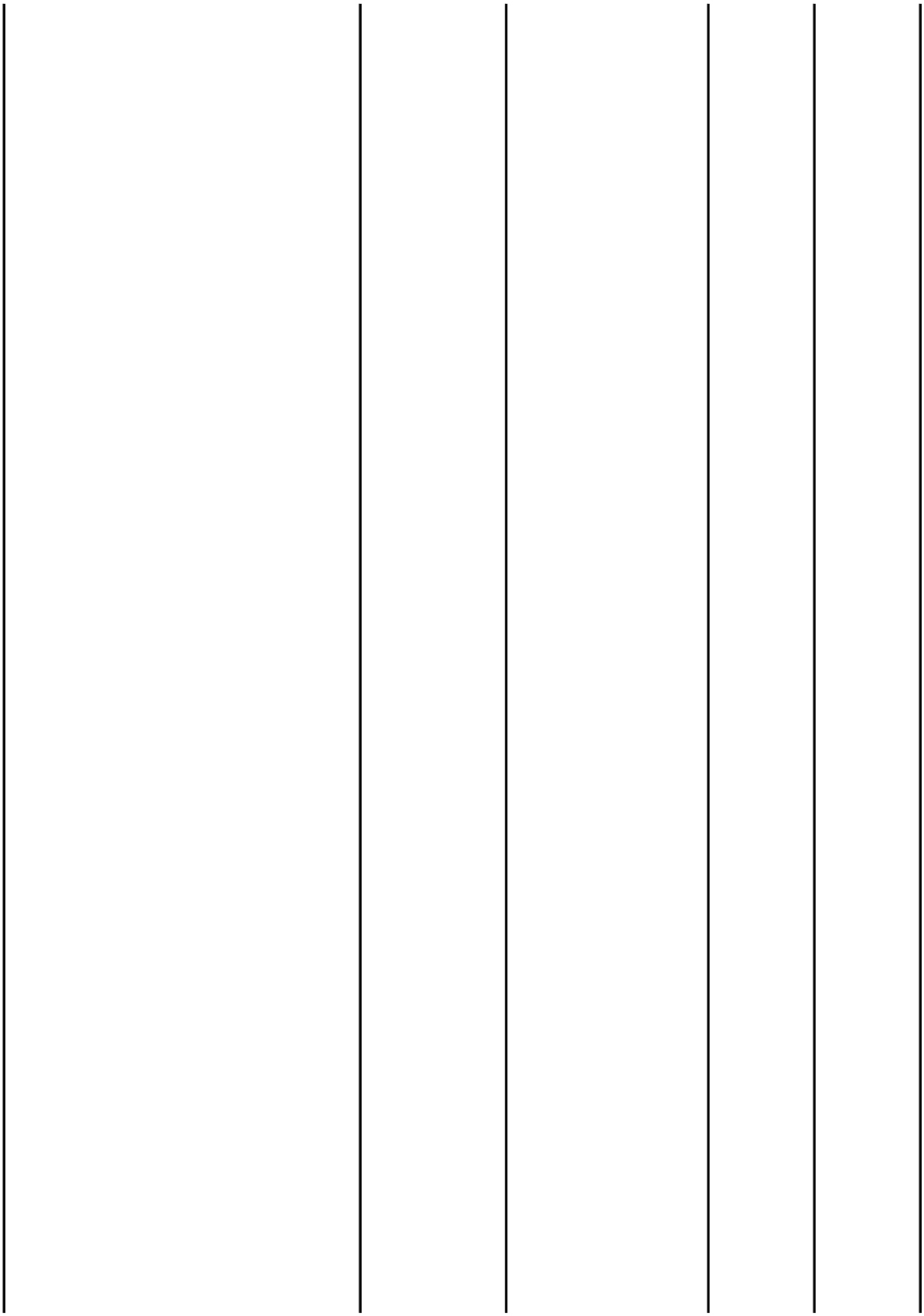


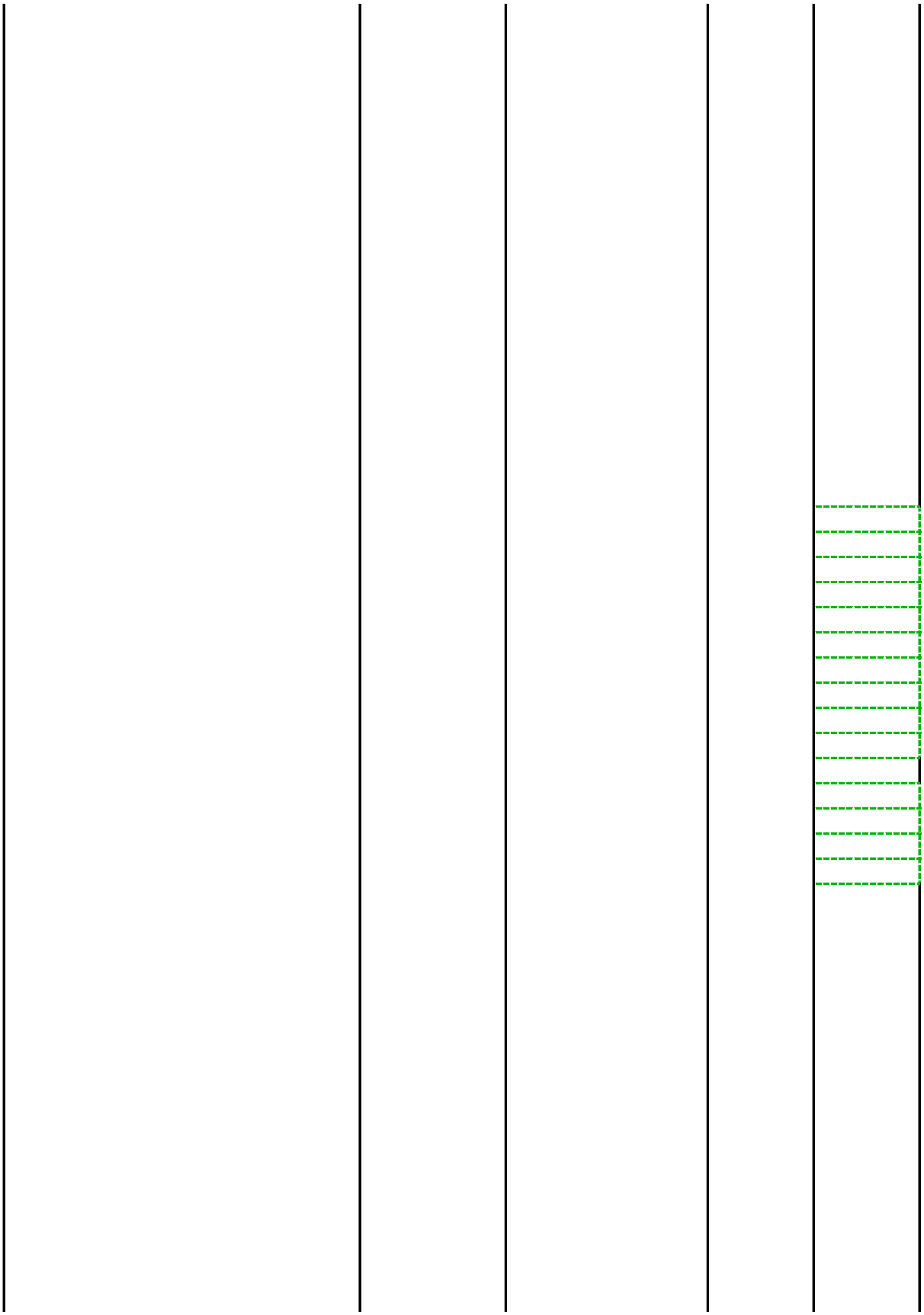


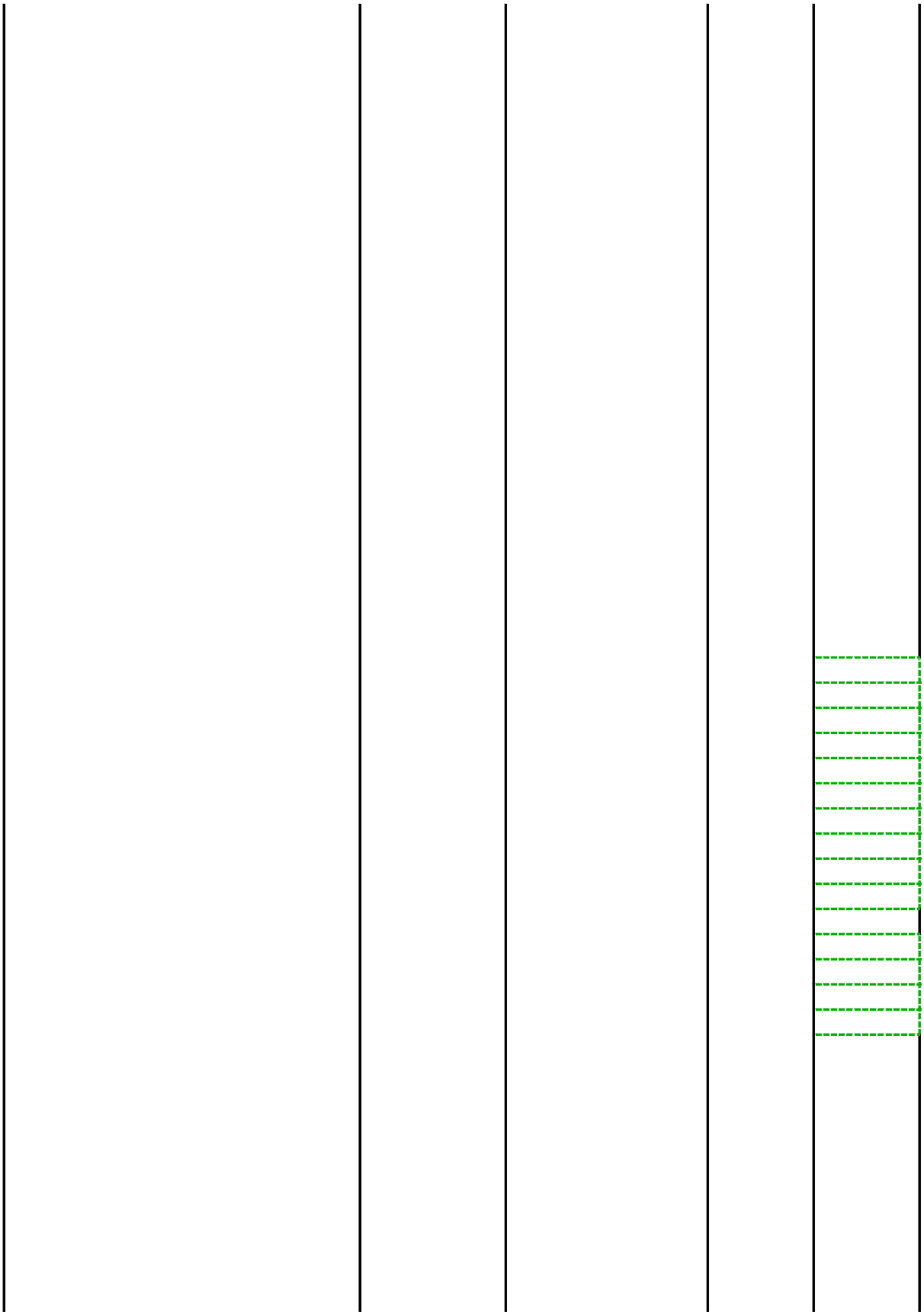


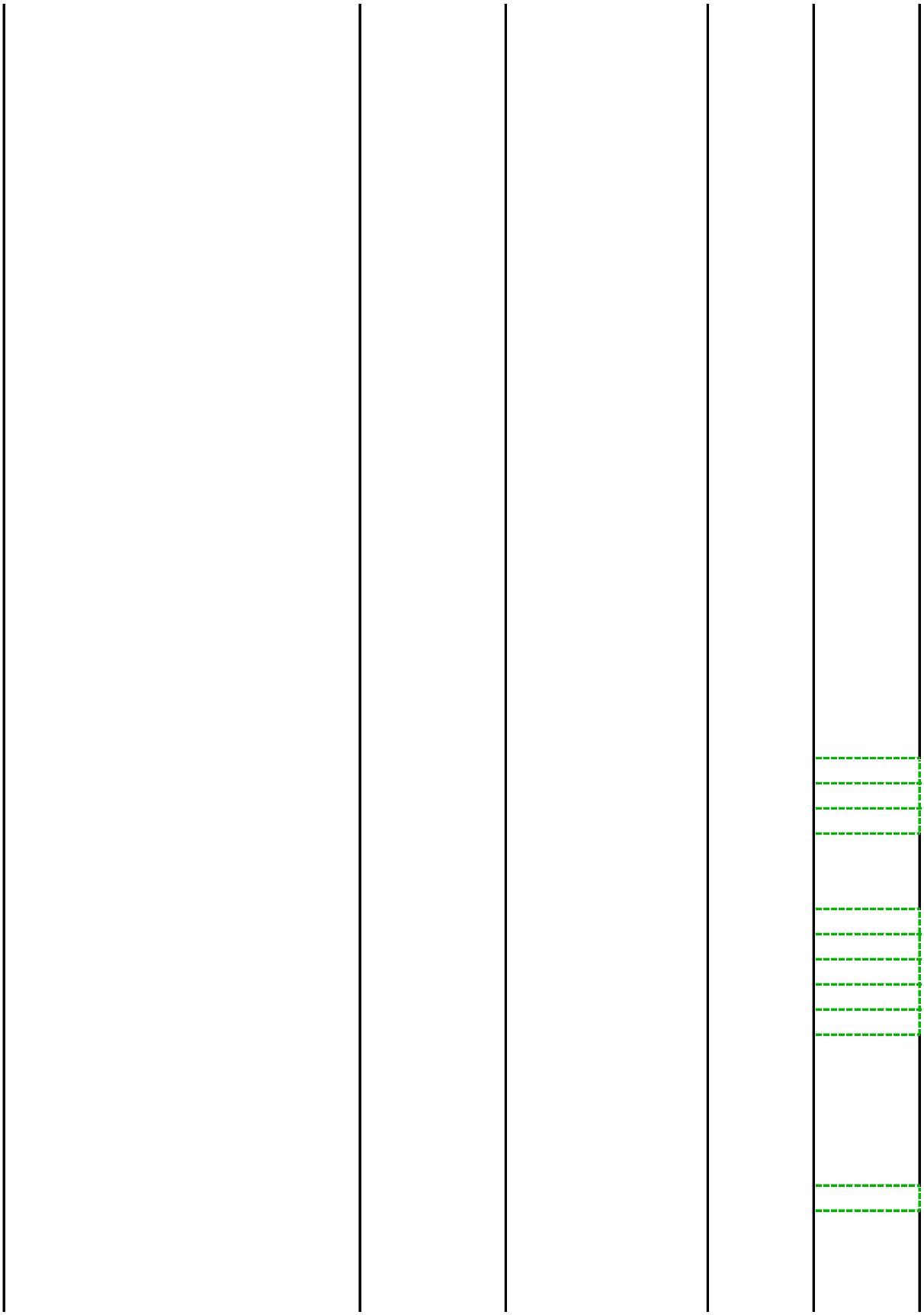


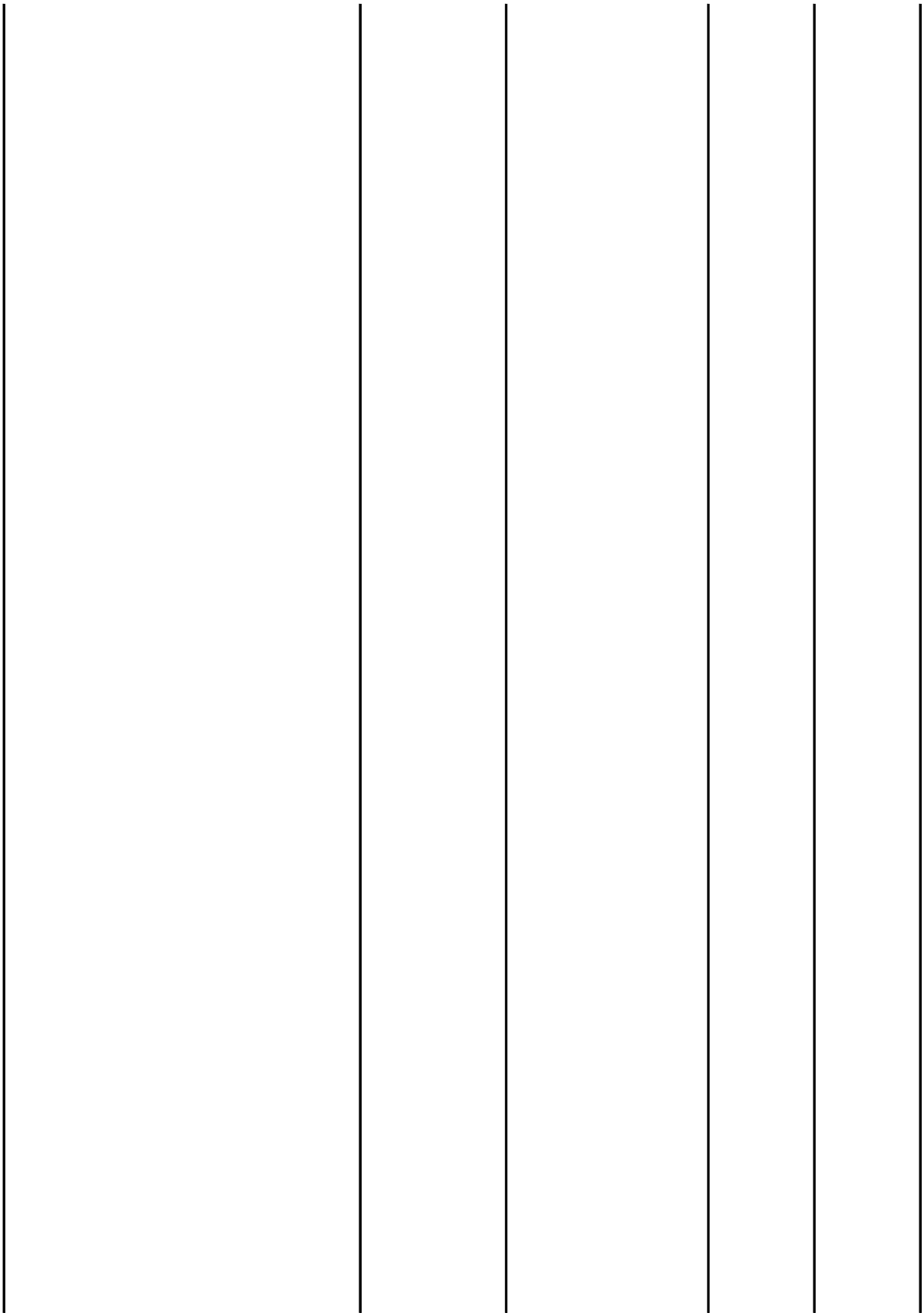


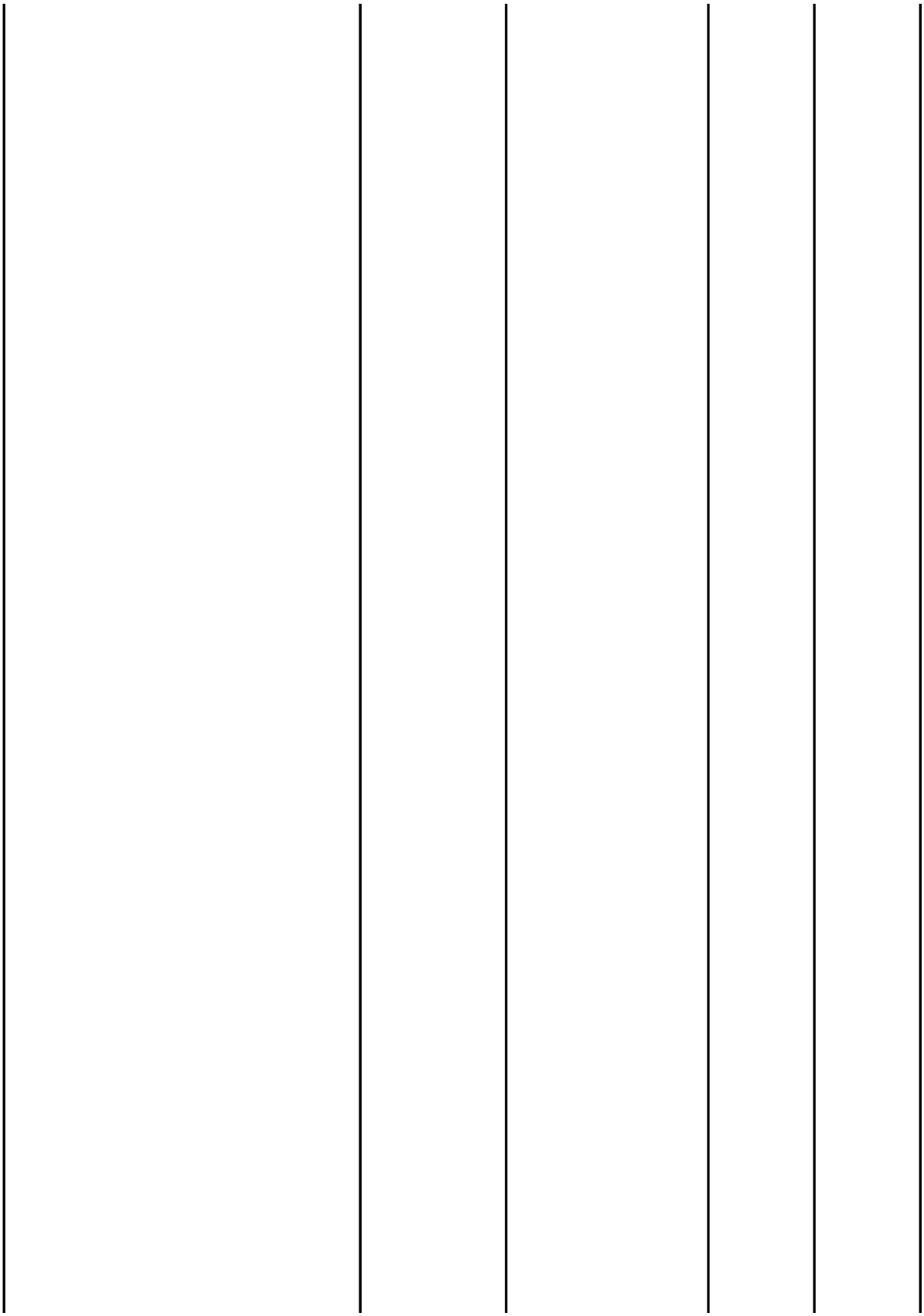


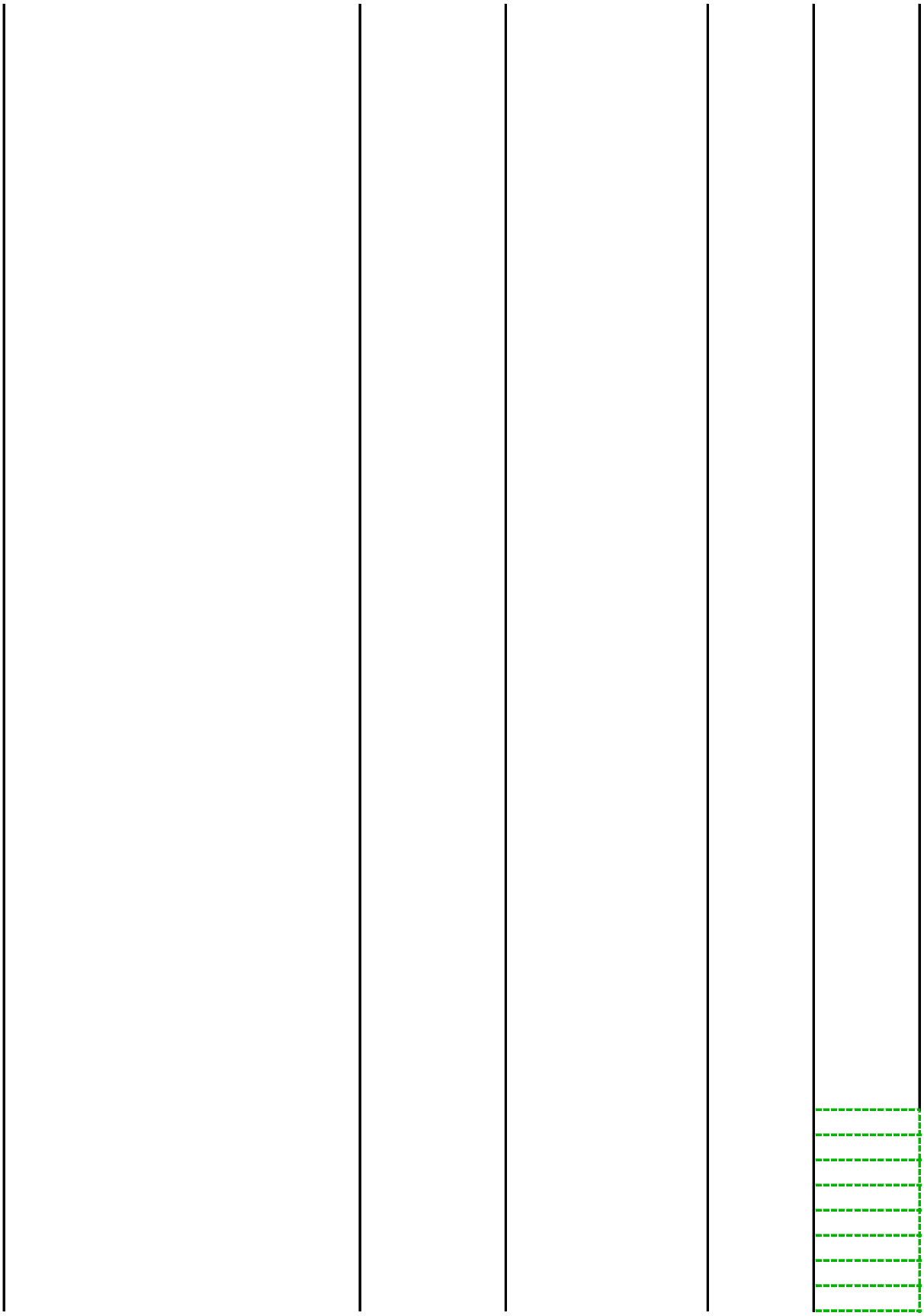


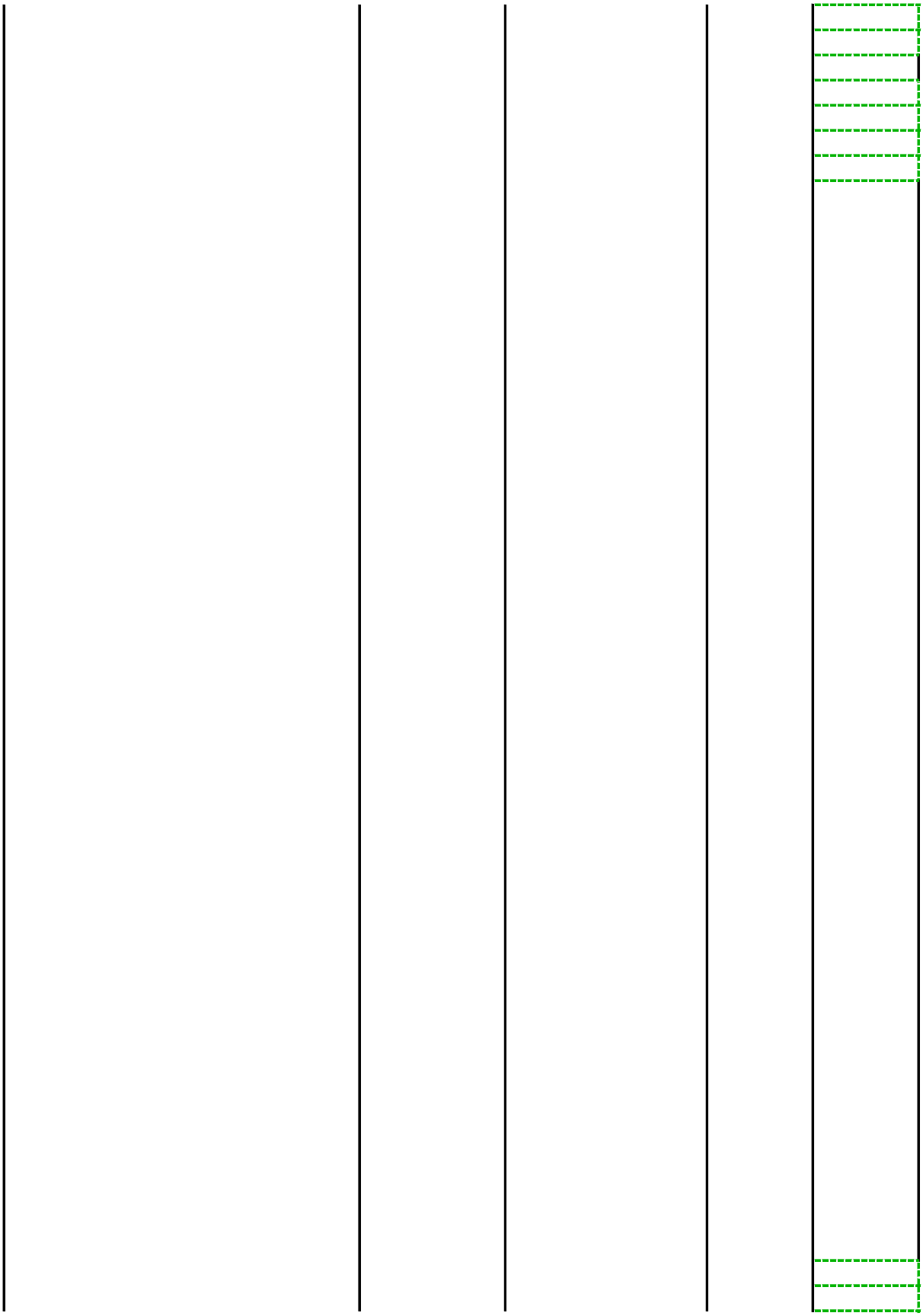


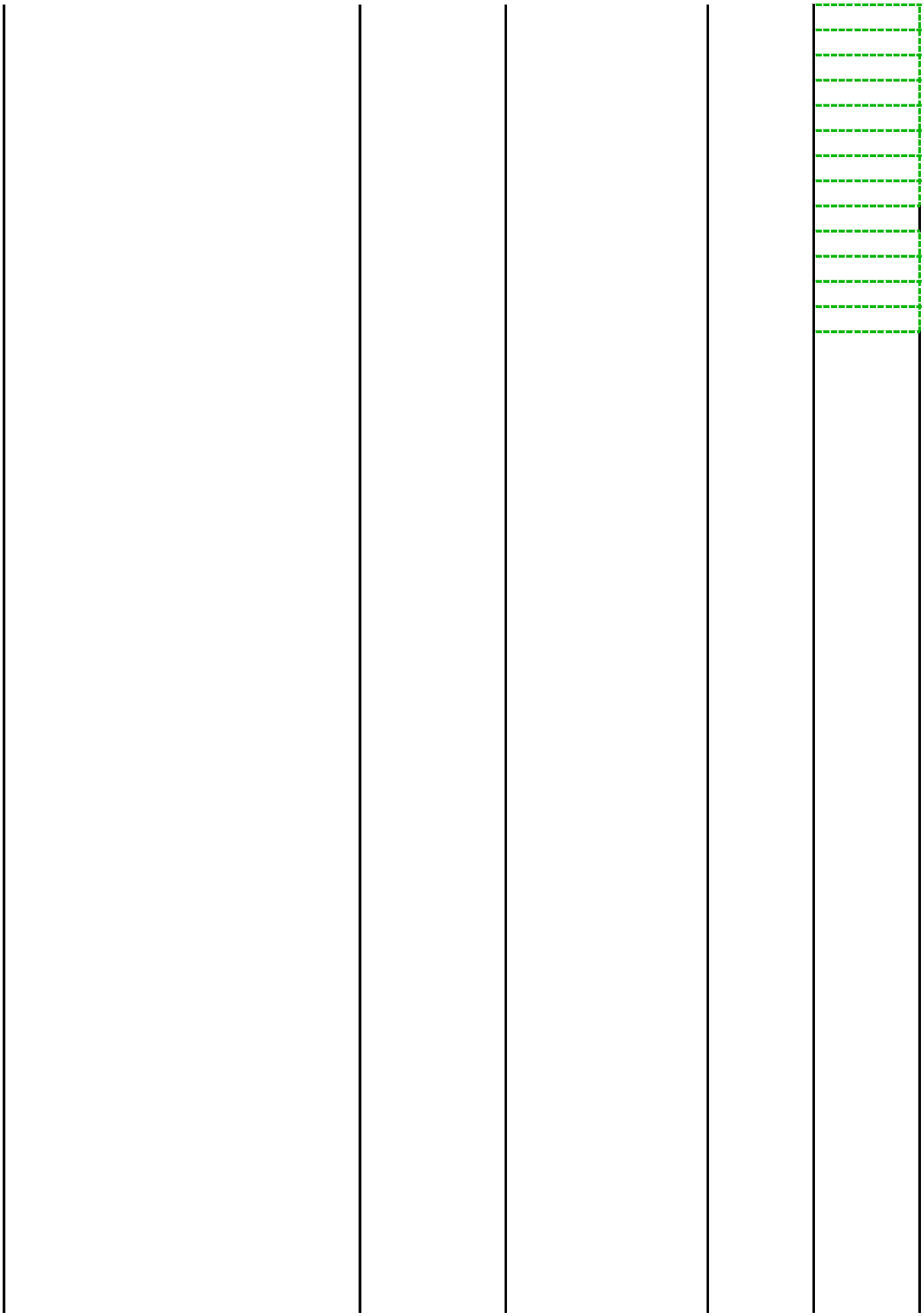


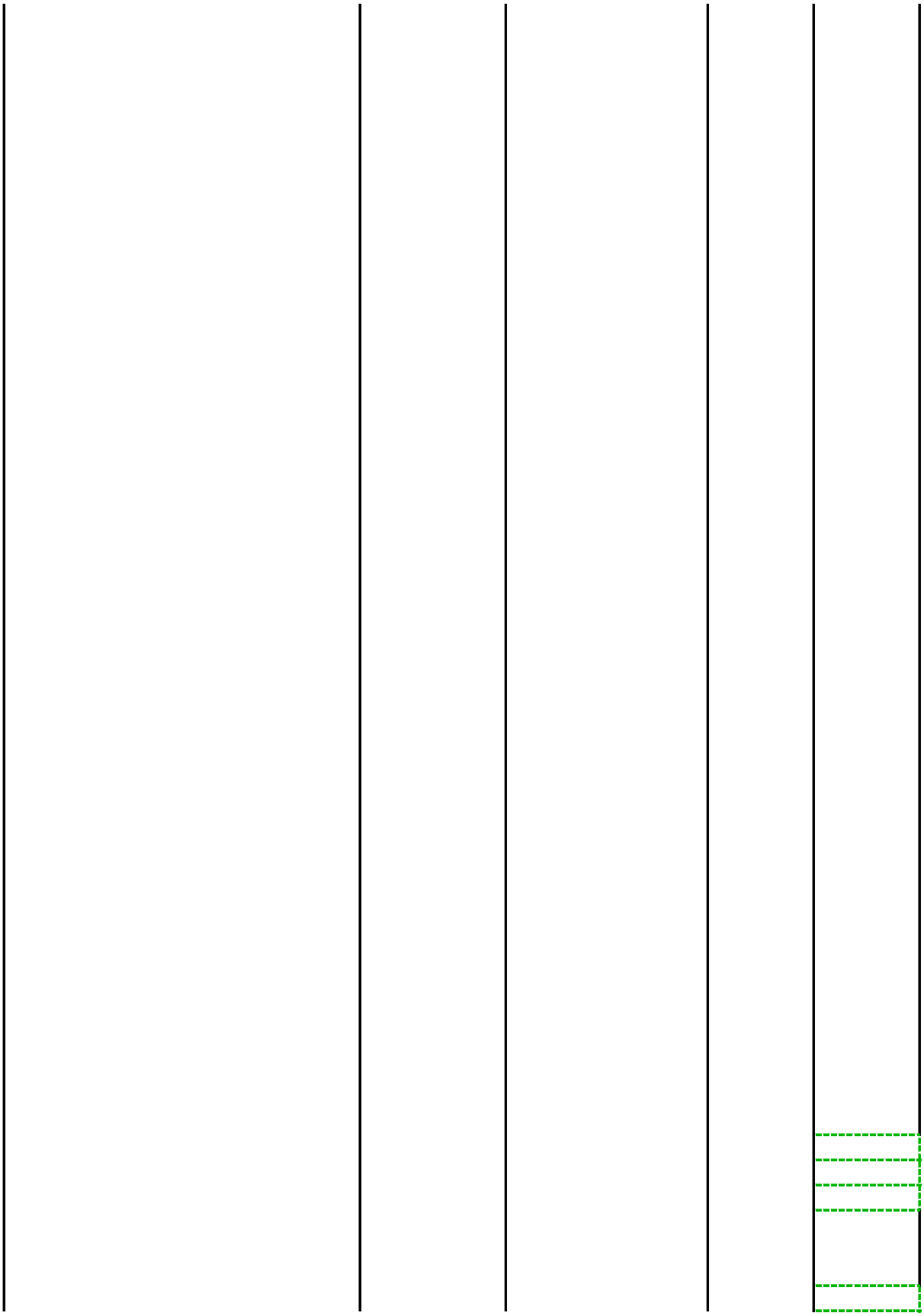


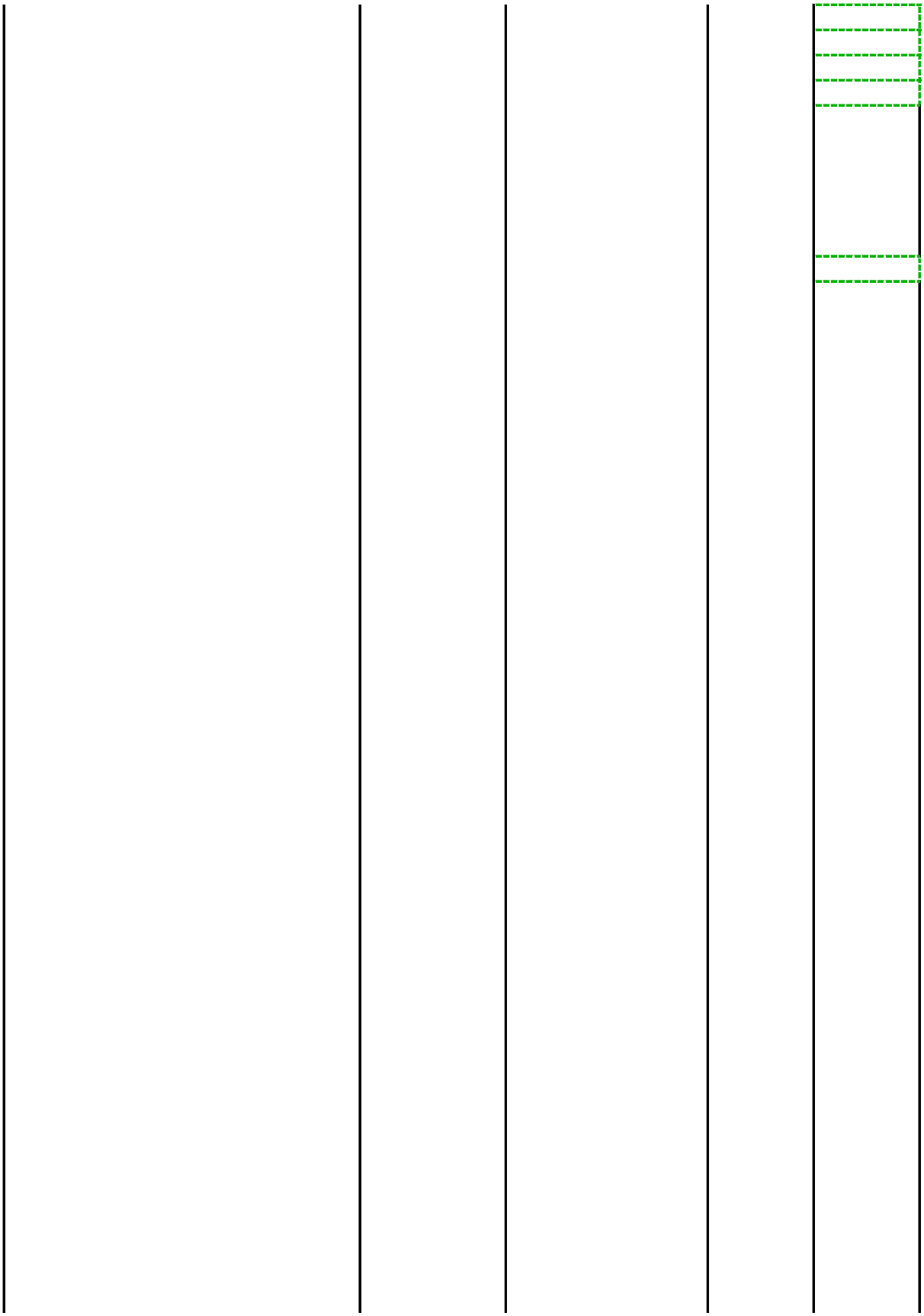


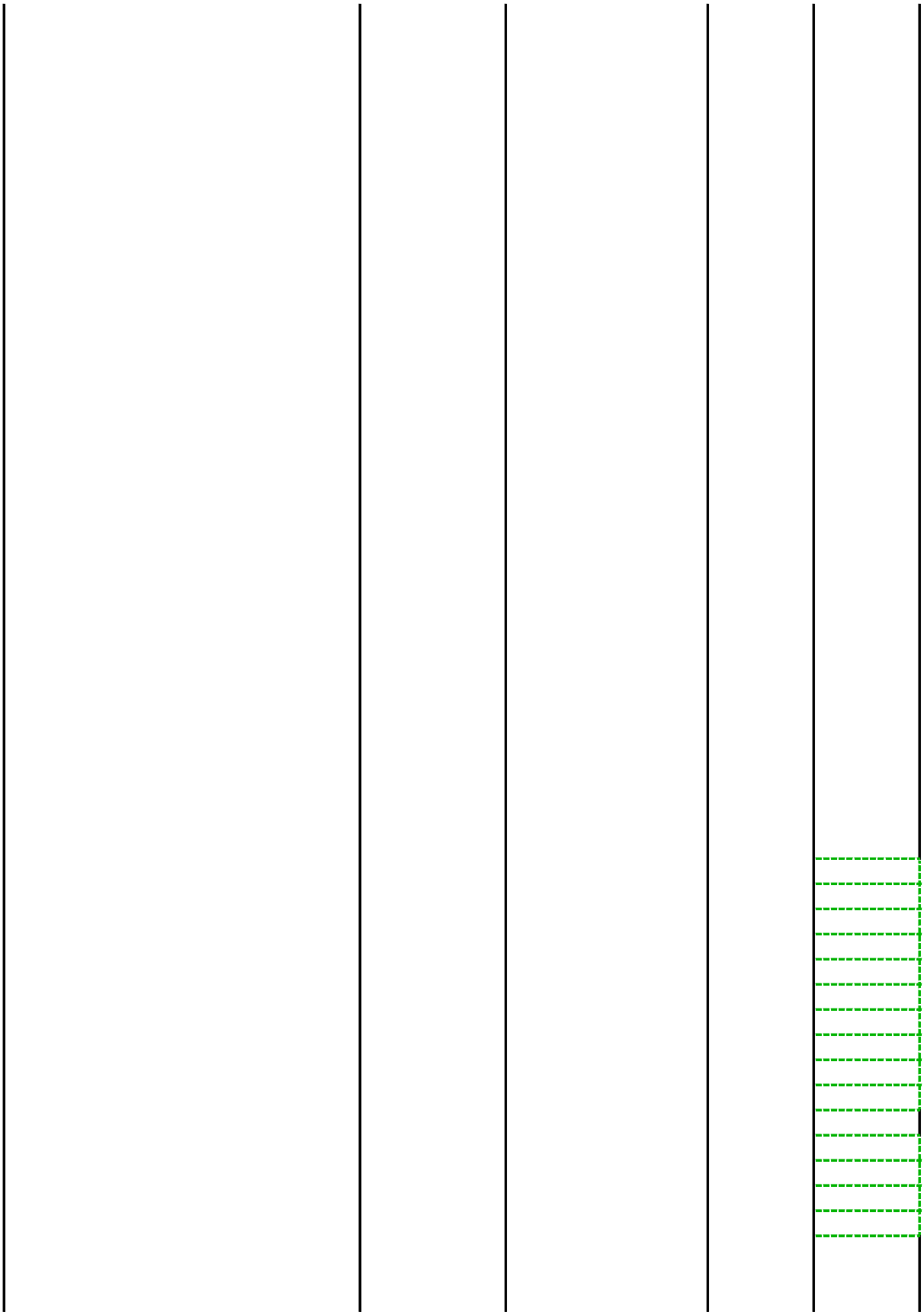


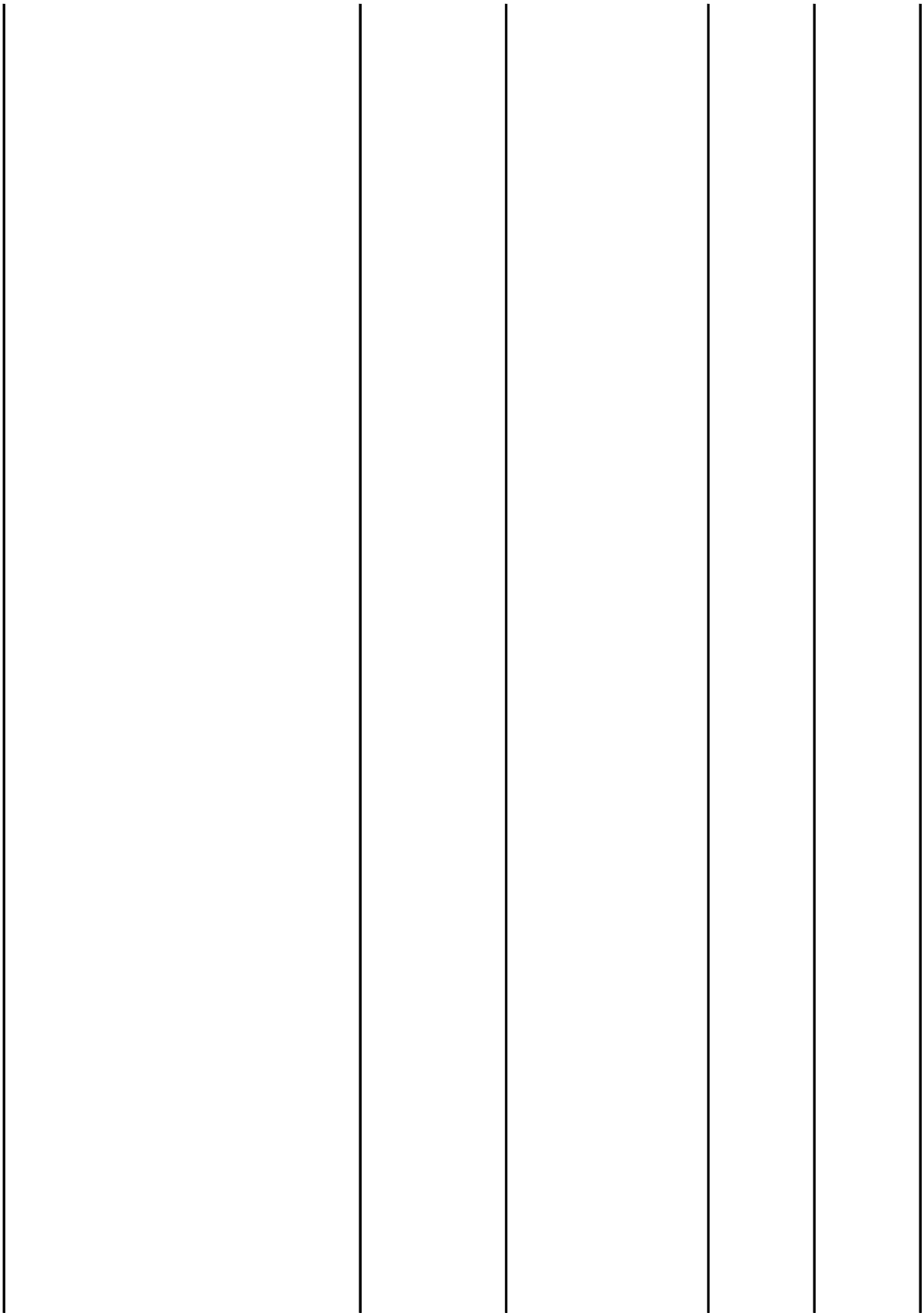


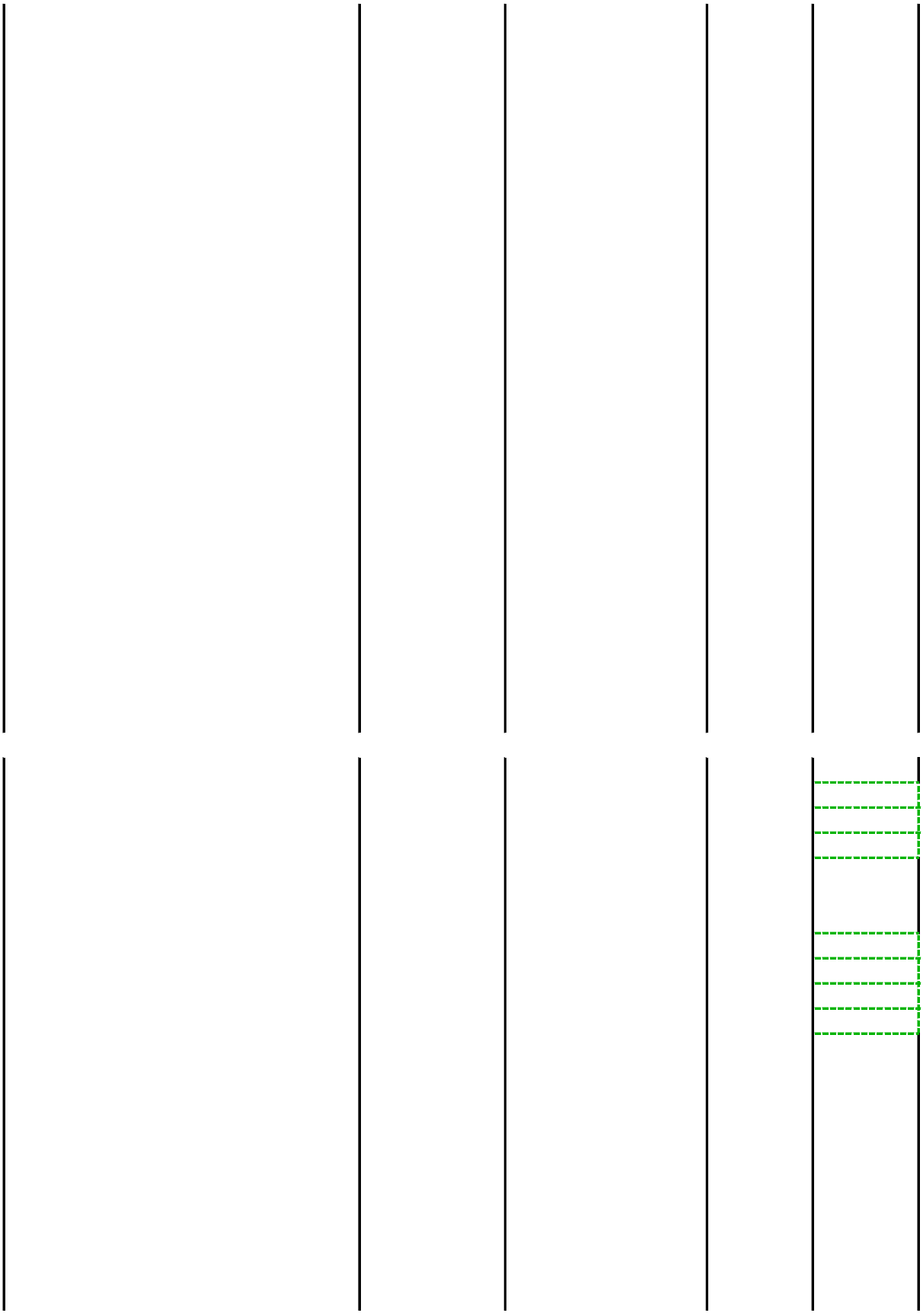


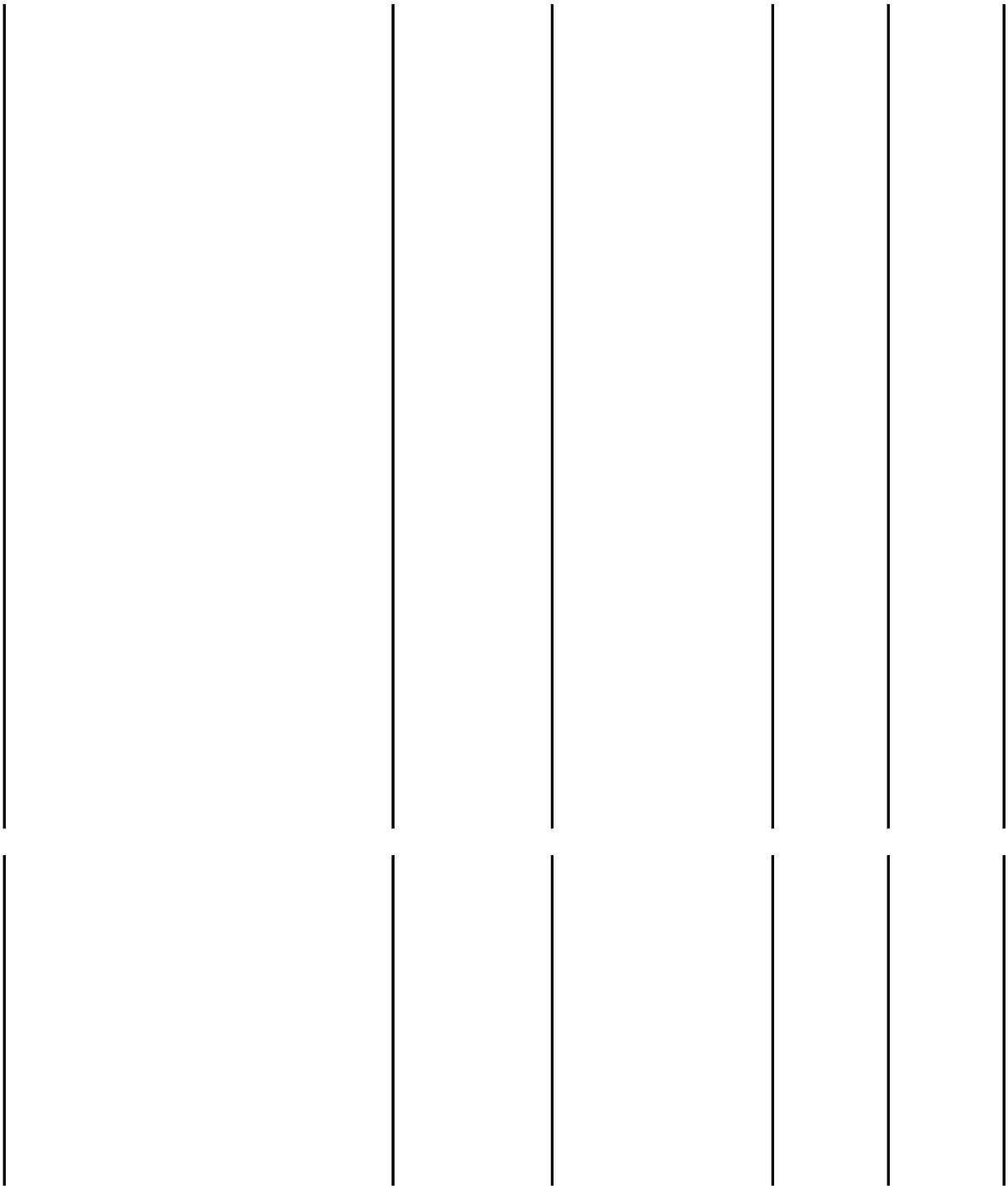












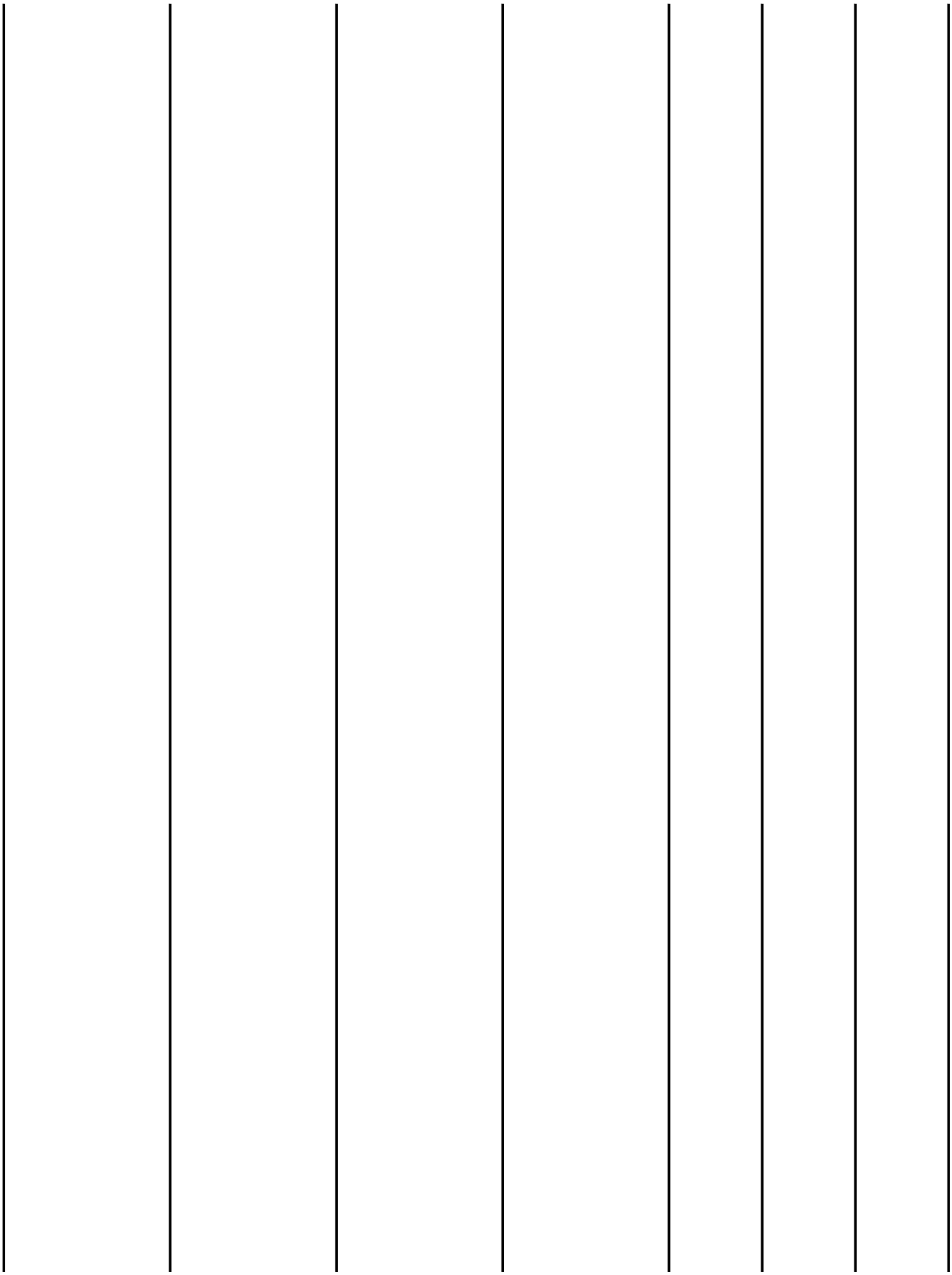
Total Resource Cost	Incentive	Processing Costs	Customer Cost	Free-Ridership Rate	Spillover [Participant] Rate	Spillover [Non-Participant] Rate
$ 500.00	$ 500.00		$ -	0.0%	0.0%	0.0%
$ 25.00	$ 25.00		$ -	0.0%	0.0%	0.0%
$ 31.00	$ 31.00		$ -	0.0%	0.0%	0.0%
$ 5,000.00	$ 5,000.00		$ -	0.0%	0.0%	0.0%
$ 15.00	$ 15.00		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ 50.00	$ 50.00		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -			
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ 6,000.00	$ 6,000.00		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ 10,000.00	$ 10,000.00		$ -	0.0%	0.0%	0.0%
$ 10,000.00	$ 10,000.00		$ -	0.0%	0.0%	0.0%
$ 150.00	$ 150.00		$ -	0.0%	0.0%	0.0%
$ 225.00	$ 225.00		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -			
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ 2,922.00	$ 1,750.00		$ 1,172.00	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ 2,000.00	$ 700.00		$ 1,300.00	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ 1,500.00	$ 1,500.00		$ -	0.0%	0.0%	0.0%
$ 500.00	$ 500.00		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ -	$ -		$ -	0.0%	0.0%	0.0%
$ 766.67	$ 575.00		$ 191.67	0.0%	0.0%	0.0%
$ 12.99	$ 12.99		$ -	0.0%	0.0%	0.0%
$ 22.18	$ 22.18		$ -	0.0%	0.0%	0.0%
$ 6,249.00	$ 4,520.00		$ 1,729.00	0.0%	0.0%	0.0%

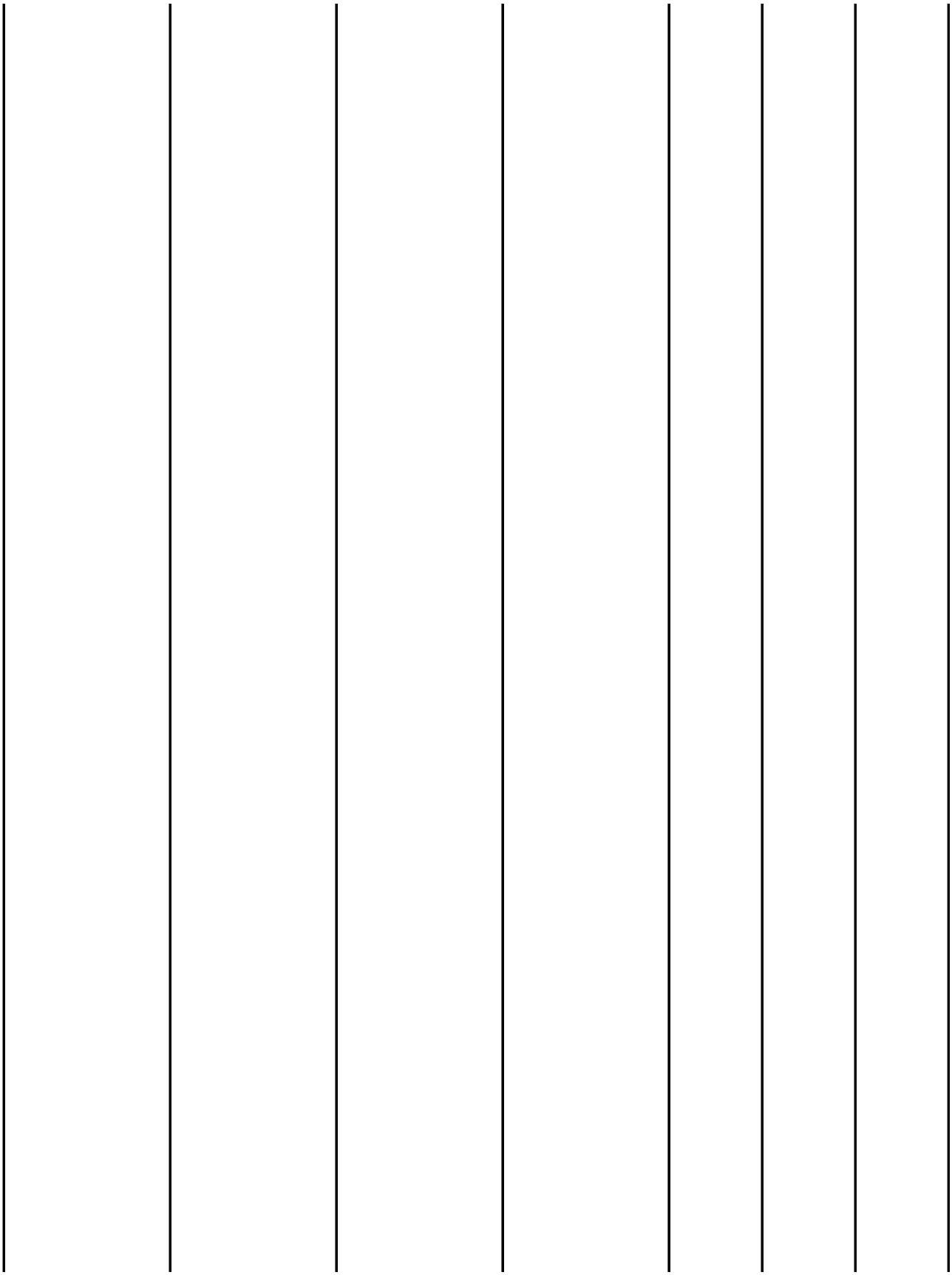
$ 9.00	$ 9.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 150.00	$ 112.00		$ 38.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 150.00	$ 150.00		$ -	0.0%	0.0%	0.0%	
$ 800.00	$ 800.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 375.00	$ 375.00		$ -	0.0%	0.0%	0.0%	
$ 375.00	$ 375.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 300.00	$ 225.00	$ 4.60	$ 75.00	0.0%	0.0%	0.0%	
$ 2,342.00	$ 1,000.00	$ 4.60	$ 1,342.00	0.0%	0.0%	0.0%	
$ 2,400.00	$ 1,500.00	$ 4.60	$ 900.00	0.0%	0.0%	0.0%	
$ 921.00	$ 300.00	$ 4.60	$ 621.00	0.0%	0.0%	0.0%	
$ 1,083.00	$ 450.00	$ 4.60	$ 633.00	0.0%	0.0%	0.0%	
$ 960.00	$ 500.00	$ 4.60	$ 460.00	0.0%	0.0%	0.0%	
$ 92.00	$ 25.00	$ 4.60	$ 67.00	0.0%	0.0%	0.0%	
$ 1,749.00	$ 400.00	$ 4.60	$ 1,349.00	0.0%	0.0%	0.0%	
$ 1,728.48	$ 1,000.00	$ 4.60	$ 728.48	0.0%	0.0%	0.0%	
$ 3,365.27	$ 1,000.00	$ 4.60	$ 2,365.27	0.0%	0.0%	0.0%	
$ 685.00	$ 500.00	$ 4.60	$ 185.00	0.0%	0.0%	0.0%	
$ 400.00	$ 100.00	$ 4.60	$ 300.00	0.0%	0.0%	0.0%	
$ 1,198.00	$ 500.00	$ 4.60	$ 698.00	0.0%	0.0%	0.0%	
$ 1,035.25	$ 500.00	$ 4.60	$ 535.25	0.0%	0.0%	0.0%	
$ 268.00	$ 85.00	$ 4.60	$ 183.00	0.0%	0.0%	0.0%	
$ 268.00	$ 85.00	$ 4.60	$ 183.00	0.0%	0.0%	0.0%	
$ 834.10	$ 834.10		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 3.00	$ 3.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 4,135.00	$ 2,300.00		$ 1,835.00	0.0%	0.0%	0.0%	
$ 34,375.00	$ 6,875.00		$ 27,500.00	0.0%	0.0%	0.0%	
$ 30,000.00	$ 15,000.00		$ 15,000.00	0.0%	0.0%	0.0%	
$ 80,660.00	$ 40,660.00		$ 40,000.00	0.0%	0.0%	0.0%	
$ -	$ -	$ 1.70	$ -	0.0%	0.0%	0.0%	

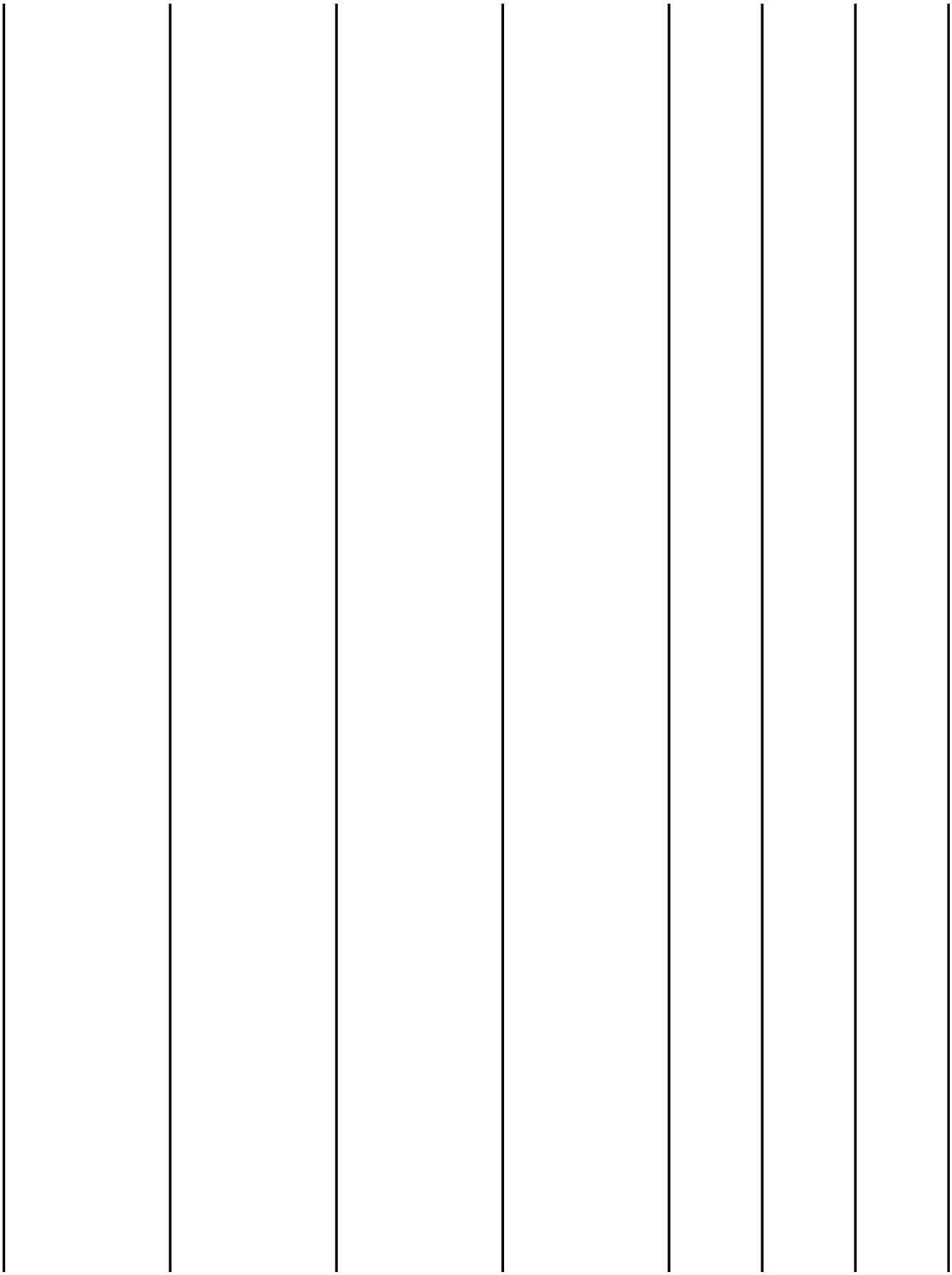
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -	$ 2.65	$ -	0.0%	0.0%	0.0%	
$ -	$ -	$ 0.21	$ -	0.0%	0.0%	0.0%	
$ 285.00	$ 142.50	$ 11.40	$ 142.50	0.0%	0.0%	0.0%	
$ -	$ -	$ 35.50	$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 21,937.50	$ 5,441.50		$ 16,496.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 250.00	$ 100.00		$ 150.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 20,000.00	$ 10,000.00		$ 10,000.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 4,135.00	$ 2,300.00		$ 1,835.00	0.0%	0.0%	0.0%	
$ 34,375.00	$ 6,875.00		$ 27,500.00	0.0%	0.0%	0.0%	
$ 30,000.00	$ 15,000.00		$ 15,000.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 10,601.00	$ 10,000.00		$ 601.00	0.0%	0.0%	0.0%	
$ 7,874.00	$ 7,500.00		$ 374.00	0.0%	0.0%	0.0%	
$ 5,077.00	$ 4,000.00		$ 1,077.00	0.0%	0.0%	0.0%	
$ 3,879.00	$ 2,000.00		$ 1,879.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 2,982.00	$ 750.00		$ 2,232.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 285.00	$ 142.50		$ 142.50	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 1,886.00	$ 1,200.00		$ 686.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 3,400.00	$ 1,200.00		$ 2,200.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -				
$ 3,235.05	$ 3,235.05		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	

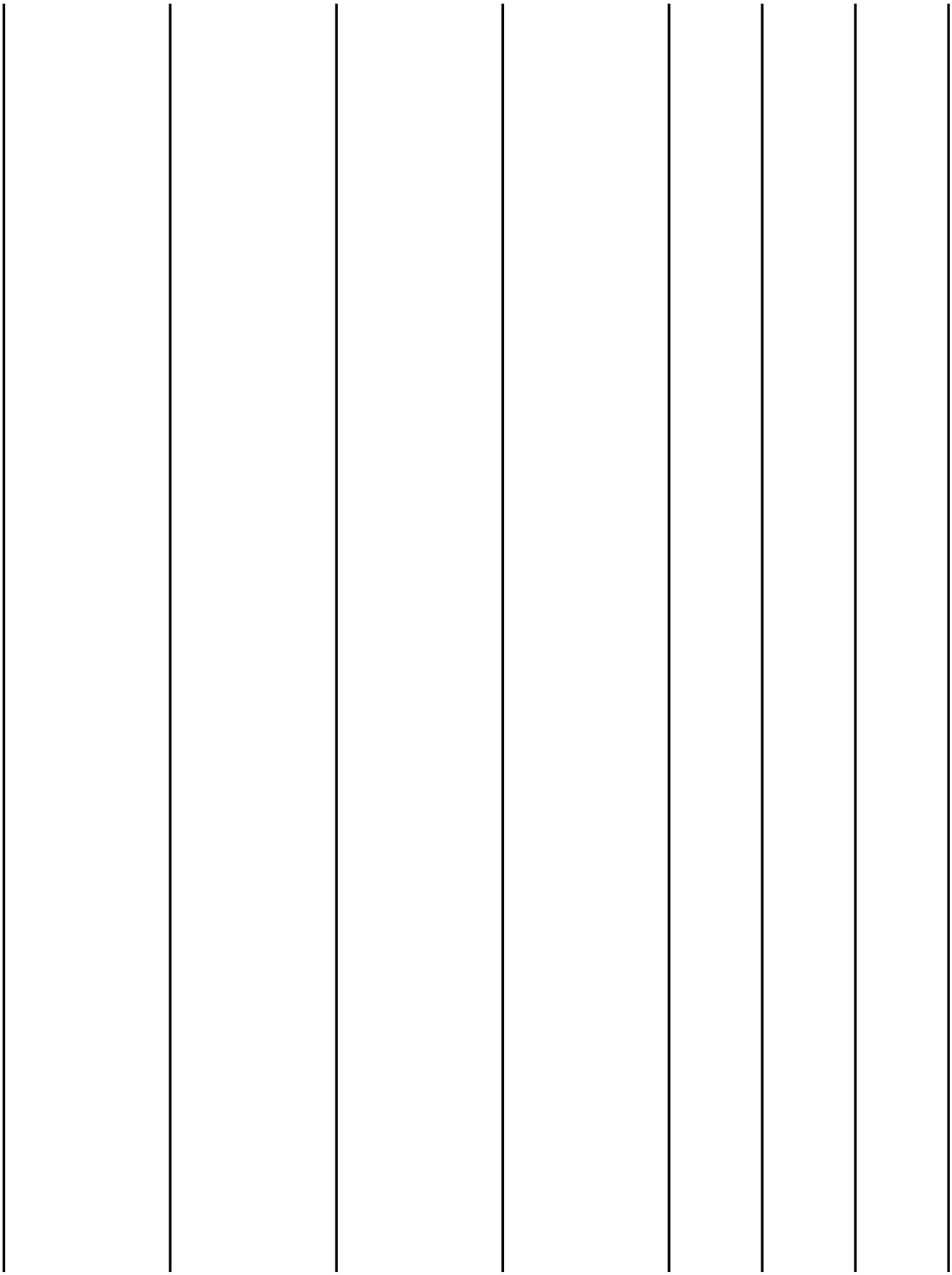
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 1,200.00	$ 850.00	$ 541.80	$ 350.00	70.0%	0.0%	0.0%	
$ 1,300.00	$ 1,000.00	$ 2,017.80	$ 300.00	23.7%	7.0%	0.0%	
$ 1,886.00	$ 1,200.00	$ 608.40	$ 686.00	23.7%	7.0%	0.0%	
$ 2,100.00	$ 1,000.00	$ 2,777.40	$ 1,100.00	23.7%	7.0%	0.0%	
$ 3,400.00	$ 1,200.00	$ 1,409.40	$ 2,200.00	23.7%	7.0%	0.0%	
$ 1,165.00	$ 500.00	$ 682.20	$ 665.00	23.7%	7.0%	0.0%	
$ 130.00	$ 60.00	$ 205.20	$ 70.00	23.7%	7.0%	0.0%	
$ 4,000.00	$ 1,200.00	$ 3,803.40	$ 2,800.00	23.7%	7.0%	0.0%	
$ 2,000.00	$ 1,000.00	$ 6,672.60	$ 1,000.00	23.7%	7.0%	0.0%	
$ 1,084.00	$ 400.00	$ 133.00	$ 684.00	70.0%	0.0%	0.0%	
$ 4,135.00	$ 2,300.00	$ 62.30	$ 1,835.00	40.0%	0.0%	0.0%	
$ 4,352.00	$ 1,700.00	$ 1,808.10	$ 2,652.00	40.0%	0.0%	0.0%	
$ 181,696.72	$ 181,696.72	$ 130,989.60	$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 6,250.00	$ 5,000.00		$ 1,250.00	0.0%	0.0%	0.0%	
$ 18,750.00	$ 15,000.00		$ 3,750.00	0.0%	0.0%	0.0%	
$ 10,000.00	$ 8,000.00		$ 2,000.00	0.0%	0.0%	0.0%	
$ 3,750.00	$ 3,000.00		$ 750.00	0.0%	0.0%	0.0%	
$ 7.00	$ 7.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 40.00	$ 40.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 285.00	$ 142.50		$ 142.50	0.0%	0.0%	0.0%	
$ 1,200.00	$ 225.00		$ 975.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 200.00	$ 150.00		$ 50.00	0.0%	0.0%	0.0%	
$ 85.00	$ 85.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ 10,000.00	$ 10,000.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 1,875.00	$ 1,500.00		$ 375.00	0.0%	0.0%	0.0%	
$ 8,593.75	$ 6,875.00		$ 1,718.75	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 10,601.00	$ 10,000.00		$ 601.00	0.0%	0.0%	0.0%	
$ 7,874.00	$ 7,500.00		$ 374.00	0.0%	0.0%	0.0%	
$ 5,077.00	$ 4,000.00		$ 1,077.00	0.0%	0.0%	0.0%	
$ 3,879.00	$ 2,000.00		$ 1,879.00	0.0%	0.0%	0.0%	
$ 3,479.00	$ 1,000.00		$ 2,479.00	0.0%	0.0%	0.0%	
$ 3,848.00	$ 1,500.00		$ 2,348.00	0.0%	0.0%	0.0%	
$ 2,910.00	$ 1,600.00		$ 1,310.00	0.0%	0.0%	0.0%	

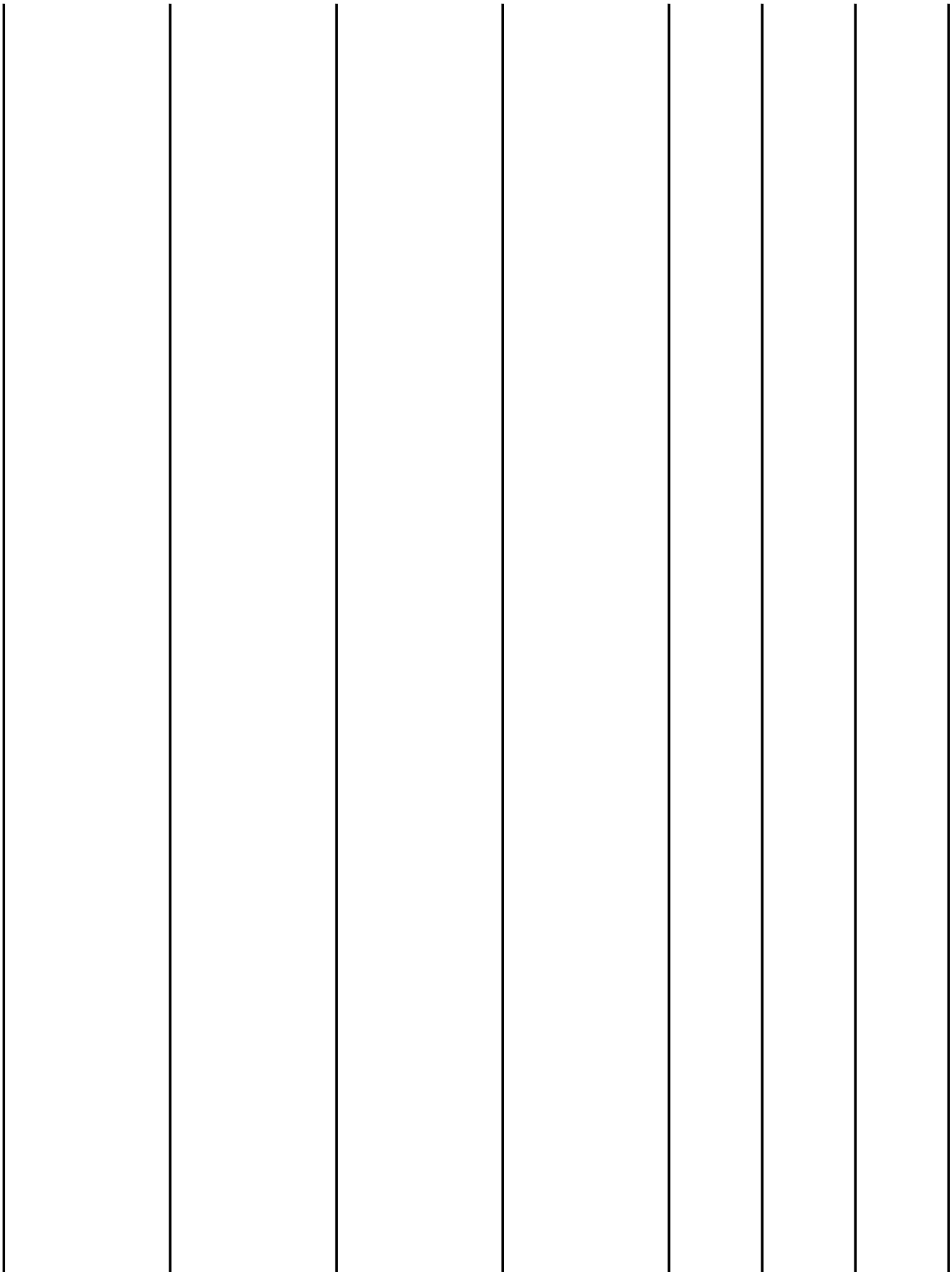
$ 995.00	$ 950.00		$ 45.00	0.0%	0.0%	0.0%	
$ 2,400.00	$ 750.00		$ 1,650.00	0.0%	0.0%	0.0%	
$ 1,132.00	$ 300.00		$ 832.00	0.0%	0.0%	0.0%	
$ 1,294.00	$ 600.00		$ 694.00	0.0%	0.0%	0.0%	
$ 2,982.00	$ 750.00		$ 2,232.00	0.0%	0.0%	0.0%	
$ 15.00	$ 15.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 66.25	$ -		$ 66.25	0.0%	0.0%	0.0%	
$ 285.00	$ 142.50		$ 142.50	0.0%	0.0%	0.0%	
$ 1,300.00	$ 1,000.00		$ 300.00	0.0%	0.0%	0.0%	
$ 1,886.00	$ 1,000.00		$ 886.00	0.0%	0.0%	0.0%	
$ 2,100.00	$ 1,000.00		$ 1,100.00	0.0%	0.0%	0.0%	
$ 3,400.00	$ 1,000.00		$ 2,400.00	0.0%	0.0%	0.0%	
$ 1,165.00	$ 500.00		$ 665.00	0.0%	0.0%	0.0%	
$ 4,000.00	$ 1,000.00		$ 3,000.00	0.0%	0.0%	0.0%	
$ 2,000.00	$ 1,000.00		$ 1,000.00	0.0%	0.0%	0.0%	
$ 2,000.00	$ 2,000.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ -	$ -		$ -				
$ -	$ -		$ -				
$ 1,741.95	$ 1,741.95		$ -	0.0%	0.0%	0.0%	
$ 8,000.00	$ 8,000.00		$ -	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ -	$ -		$ -				
$ 3,000.00	$ 2,000.00		$ 1,000.00	0.0%	0.0%	0.0%	
$ -	$ -		$ -				
$ -	$ -		$ -	0.0%	0.0%	0.0%	
$ 1,300.00	$ 1,000.00	$ 2,017.80	$ 300.00	23.7%	7.0%	0.0%	
$ 1,886.00	$ 1,200.00	$ 608.40	$ 686.00	23.7%	7.0%	0.0%	
$ 2,100.00	$ 1,000.00	$ 2,777.40	$ 1,100.00	23.7%	7.0%	0.0%	
$ 3,400.00	$ 1,200.00	$ 1,409.40	$ 2,200.00	23.7%	7.0%	0.0%	
$ 1,165.00	$ 500.00	$ 682.20	$ 665.00	23.7%	7.0%	0.0%	
$ 130.00	$ 60.00	$ 205.20	$ 70.00	23.7%	7.0%	0.0%	
$ 4,000.00	$ 1,200.00	$ 3,803.40	$ 2,800.00	23.7%	7.0%	0.0%	
$ 2,000.00	$ 1,000.00	$ 6,672.60	$ 1,000.00	23.7%	7.0%	0.0%	
$ 1,084.00	$ 400.00	$ 133.00	$ 684.00	70.0%	0.0%	0.0%	
$ 589.44	$ 384.00	$ 62.30	$ 205.44	40.0%	0.0%	0.0%	
$ 4,352.00	$ 1,700.00	$ 1,808.10	$ 2,652.00	40.0%	0.0%	0.0%	
$ 1,186.90	$ 237.72	$ 210.70	$ 949.18	70.0%	0.0%	0.0%	
$ 7,916.70	$ 7,916.70	$ 23,495.70	$ -				
x	x	x	x	x	x	x	

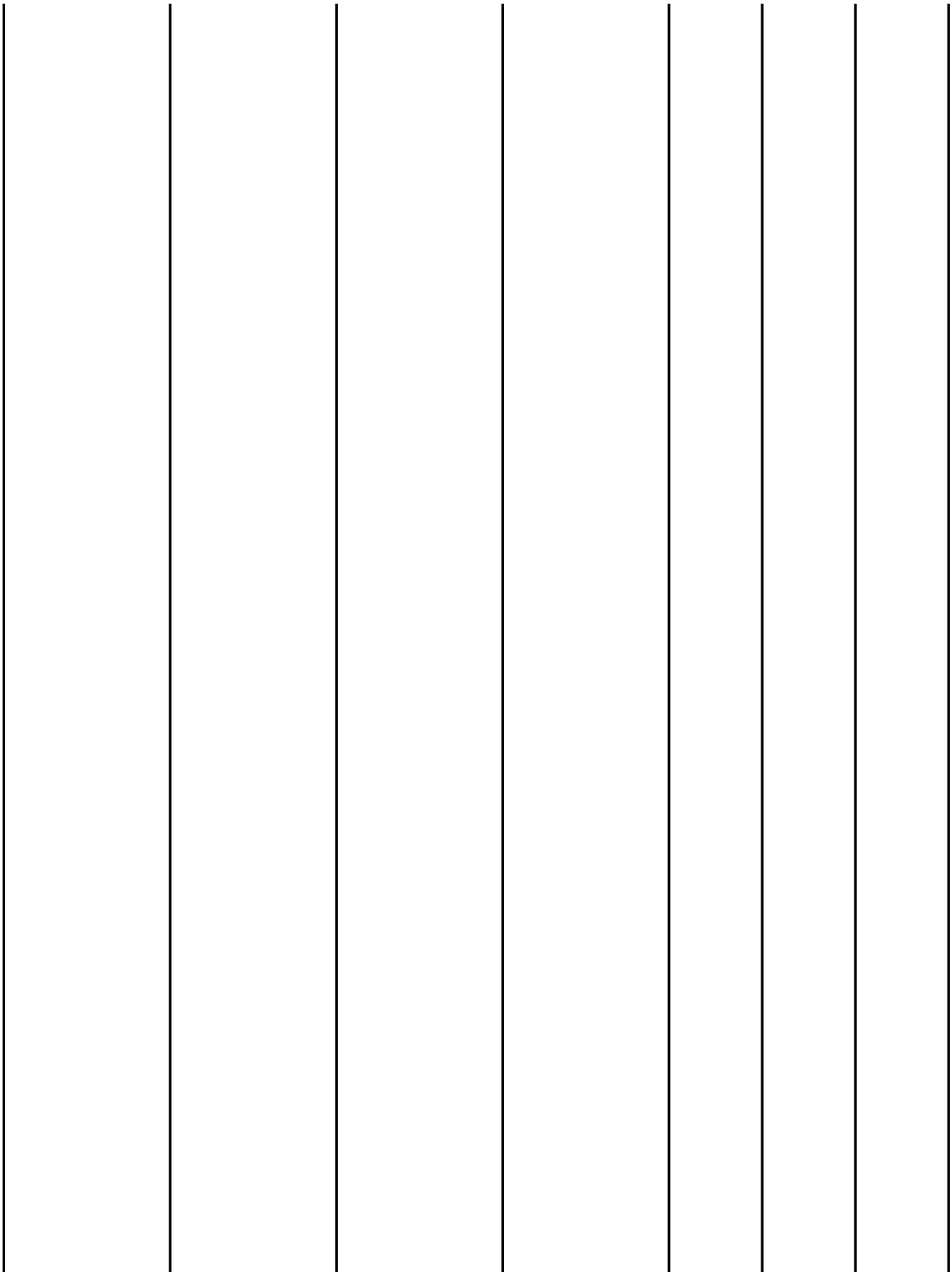


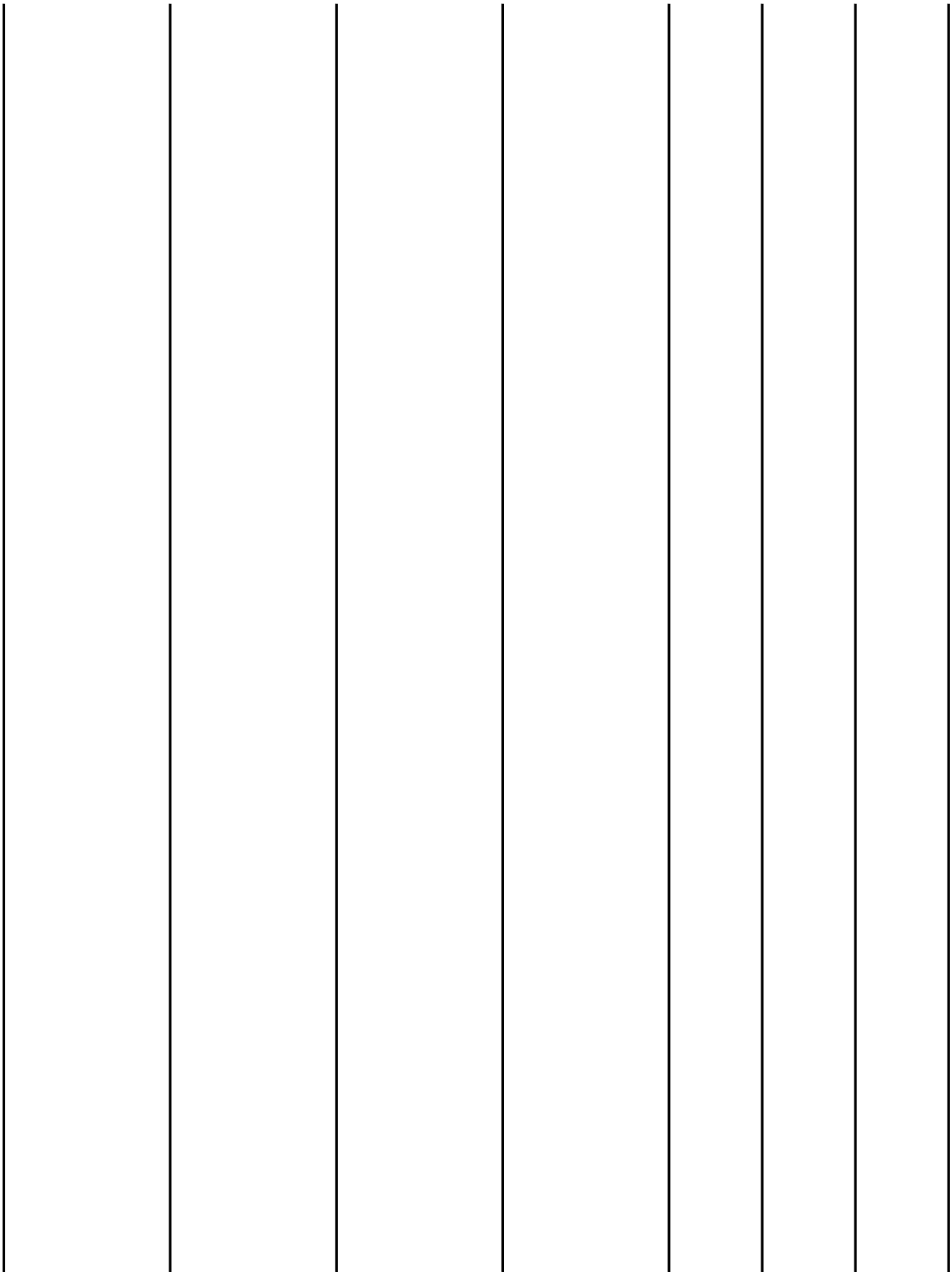


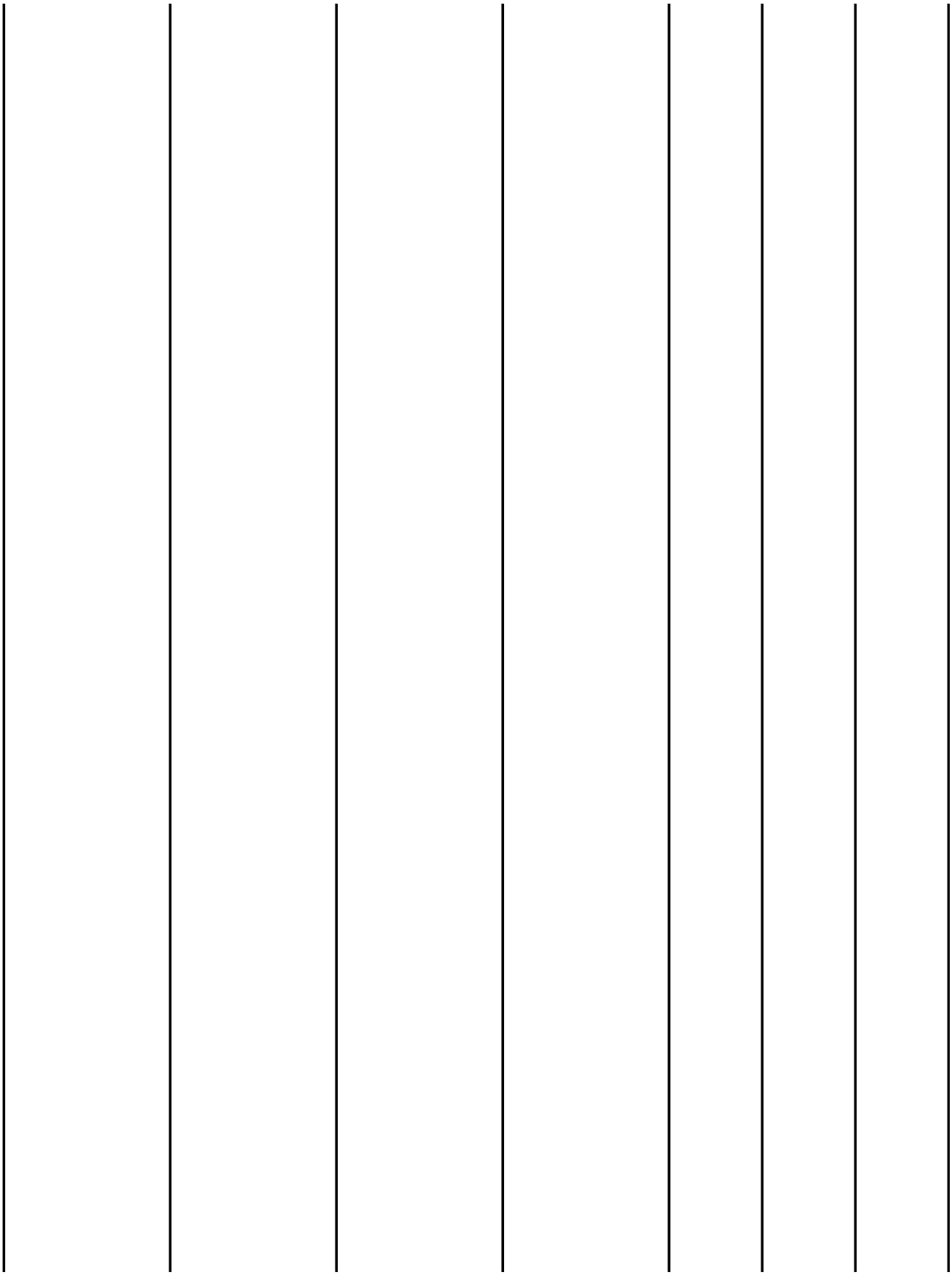


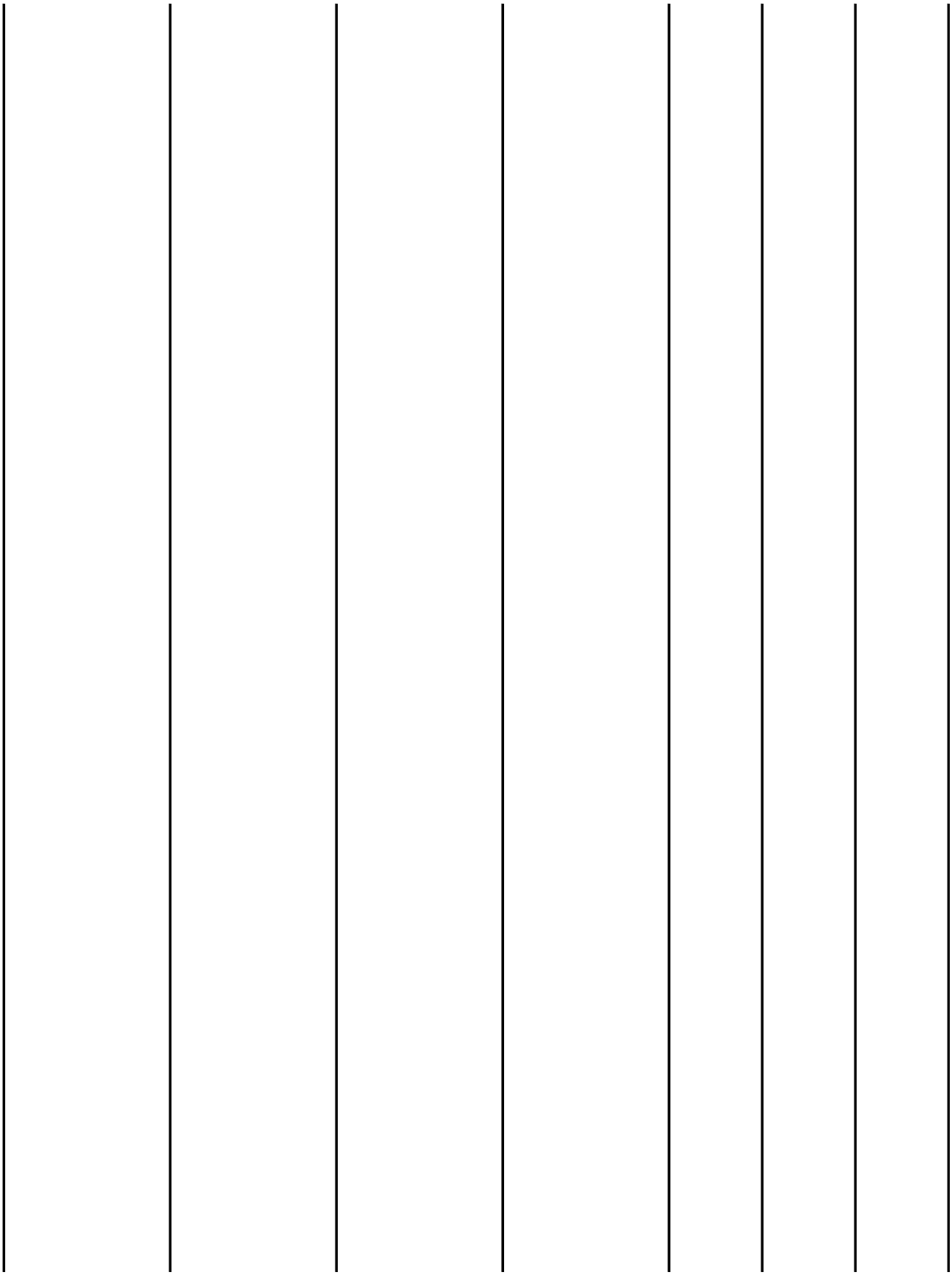


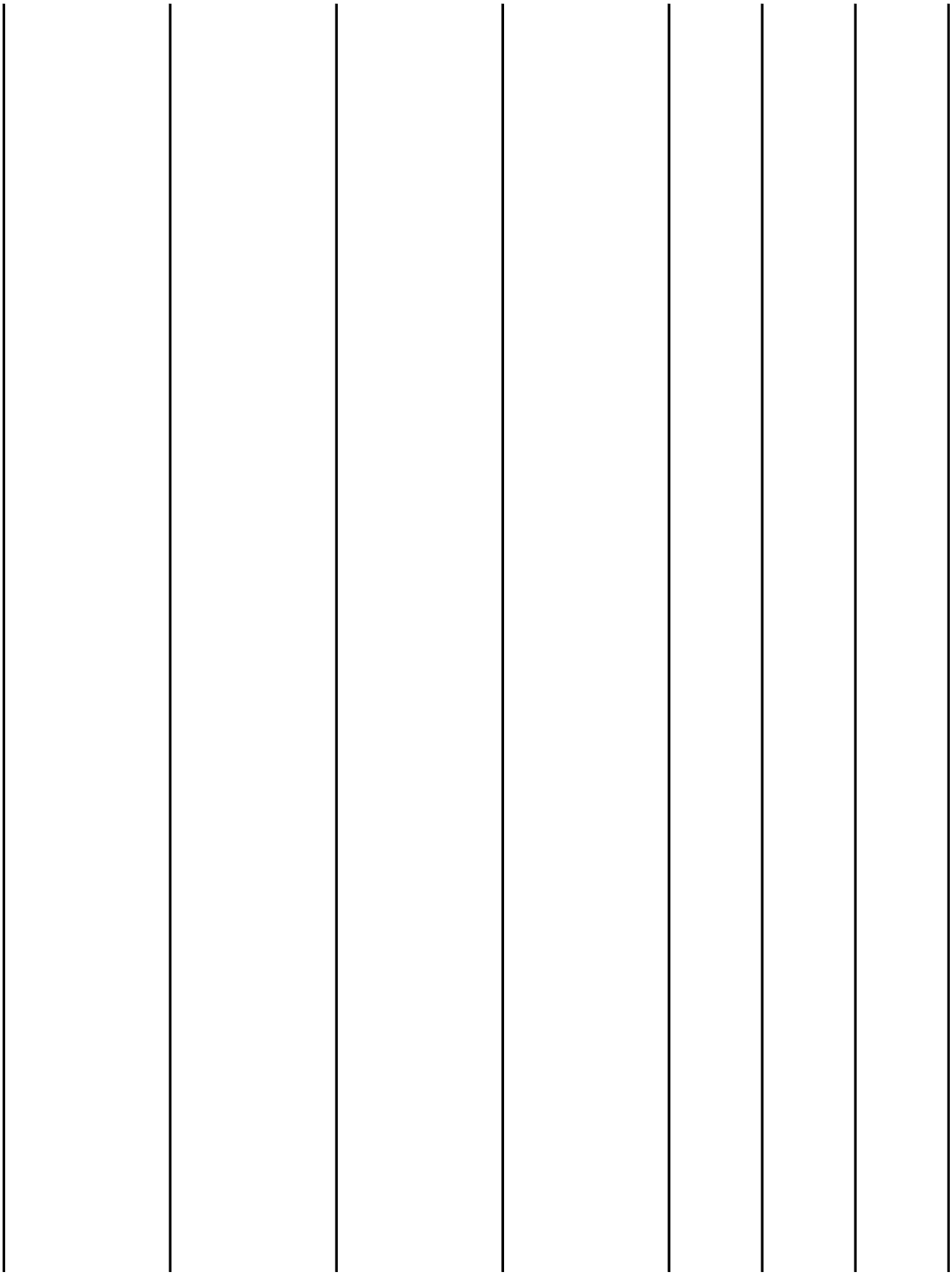


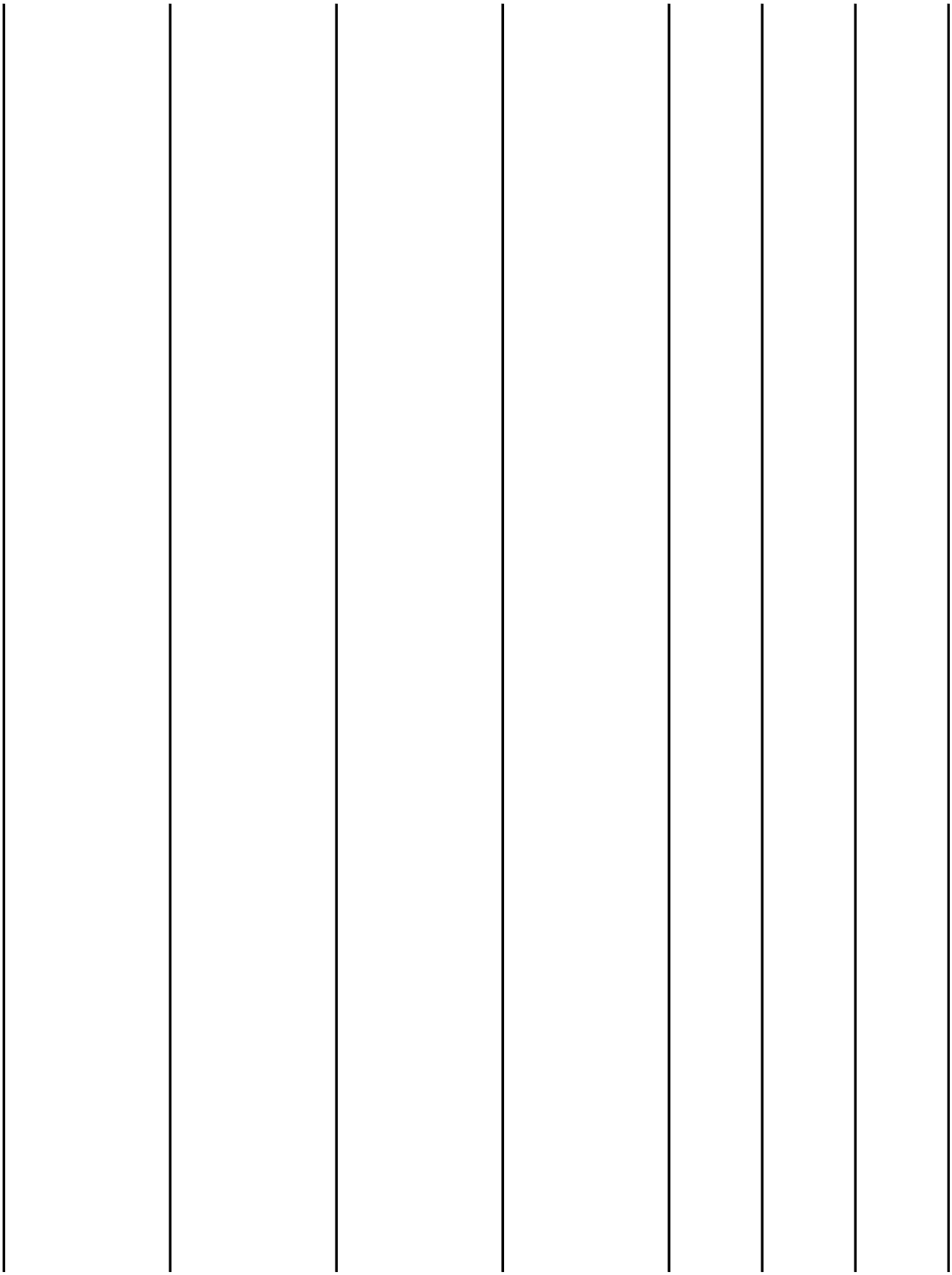


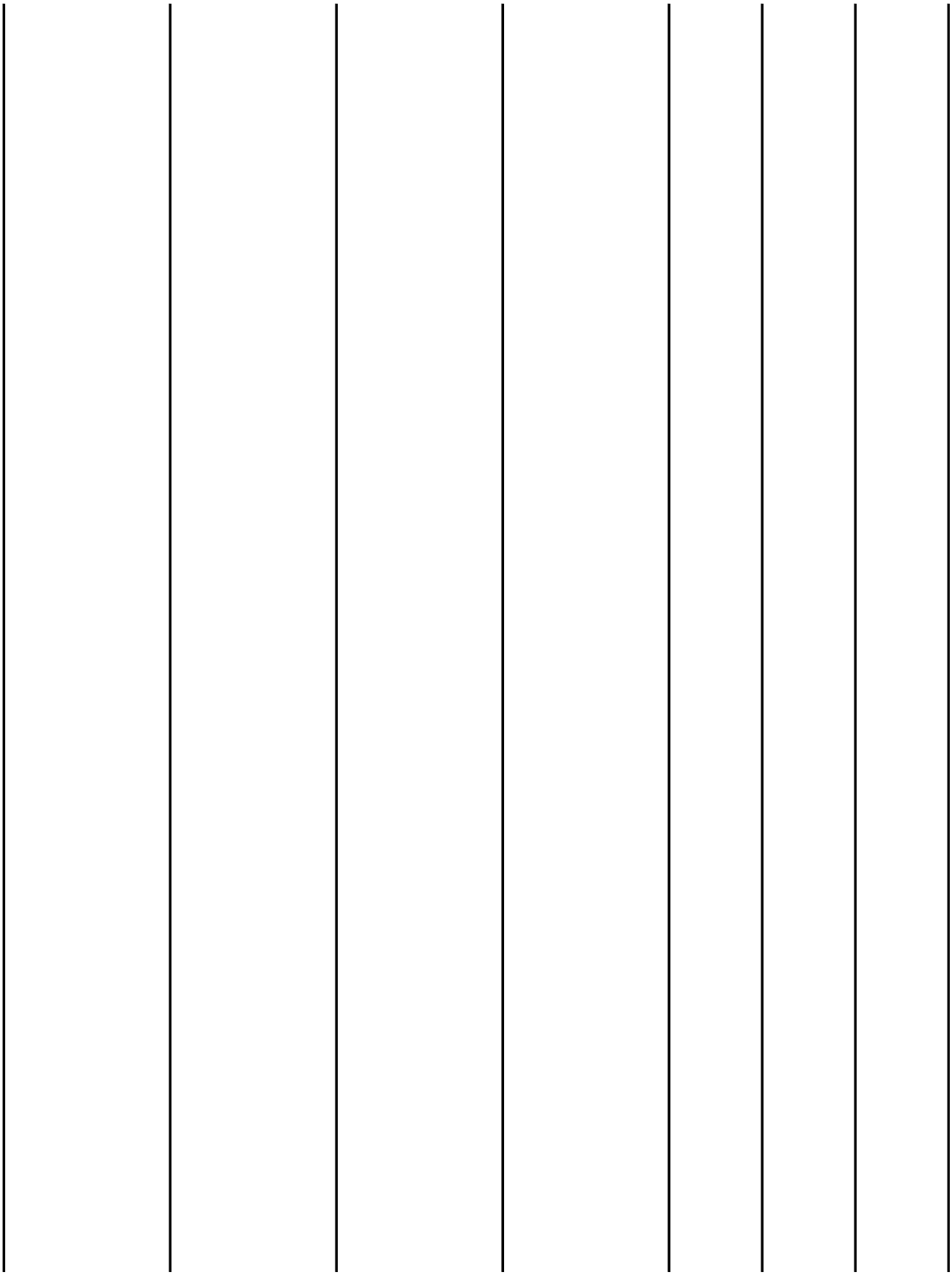


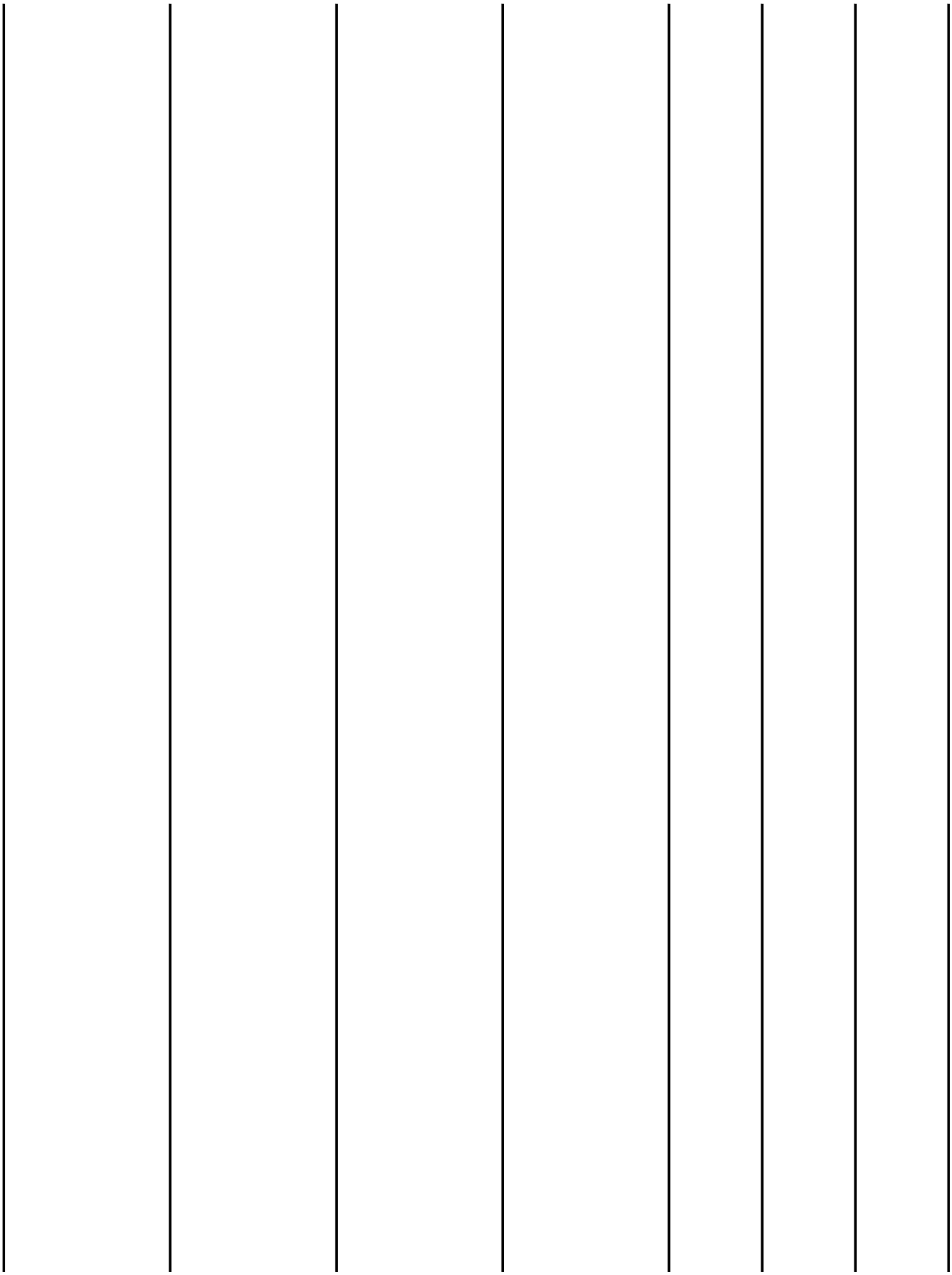


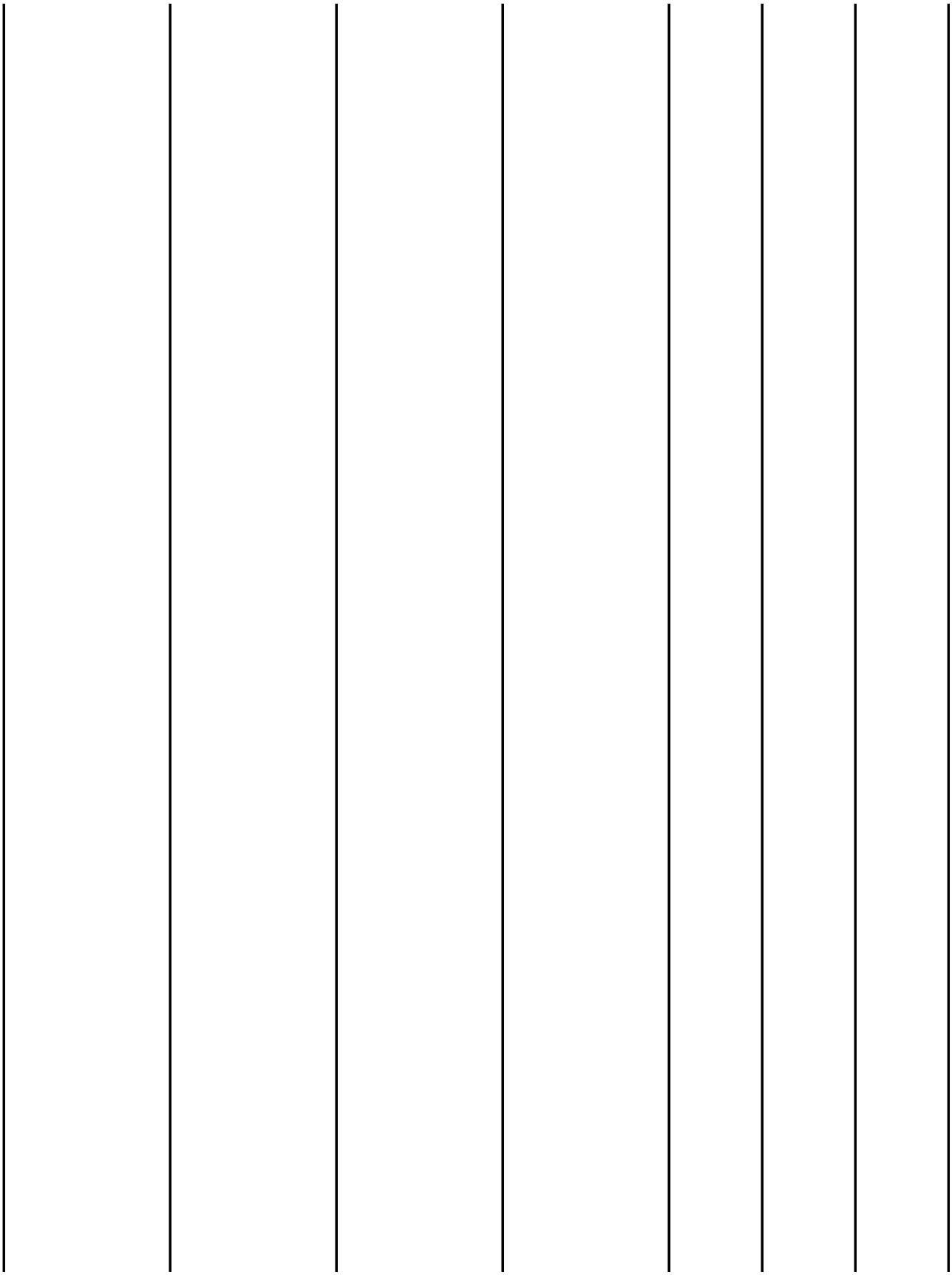


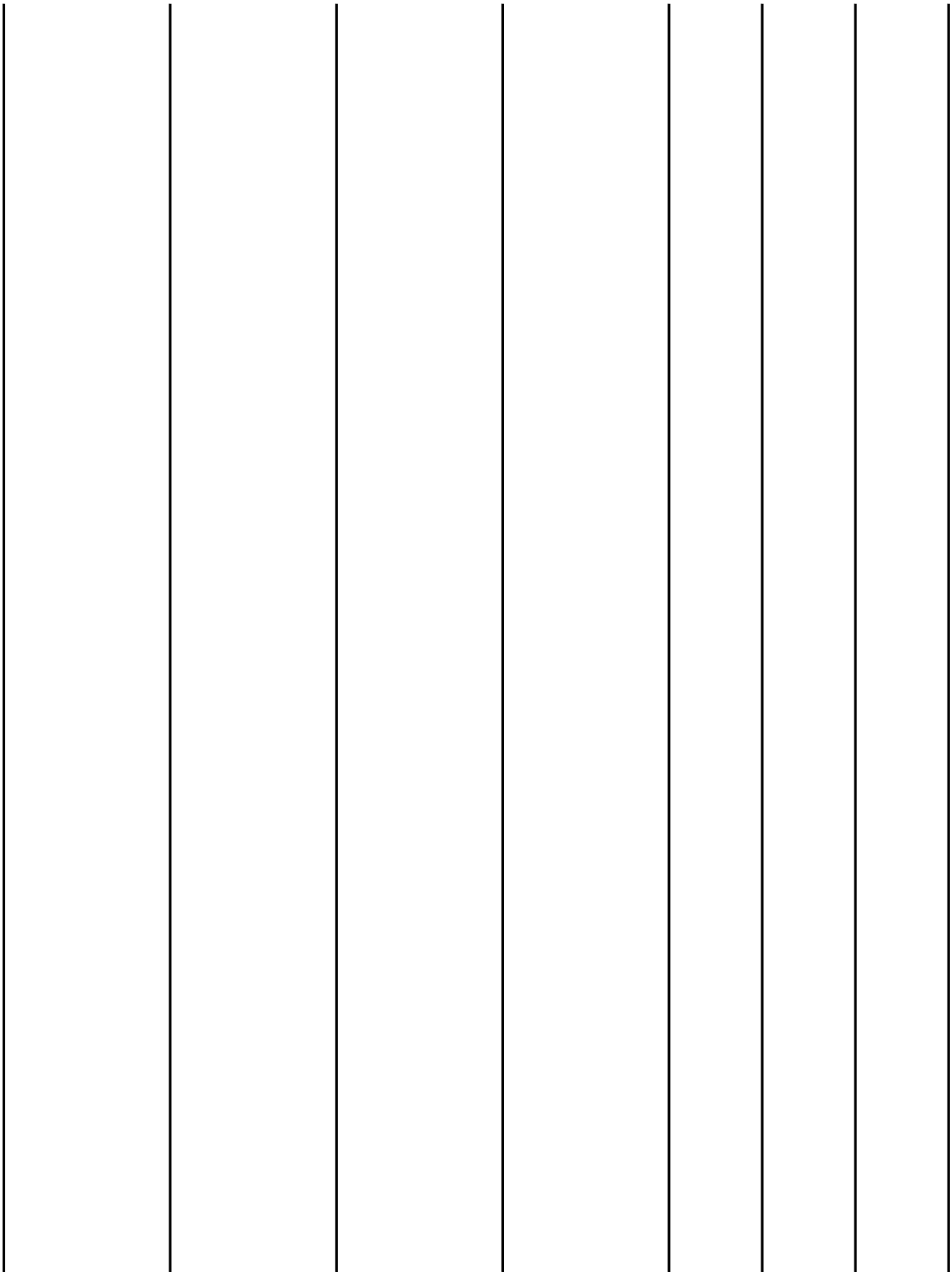


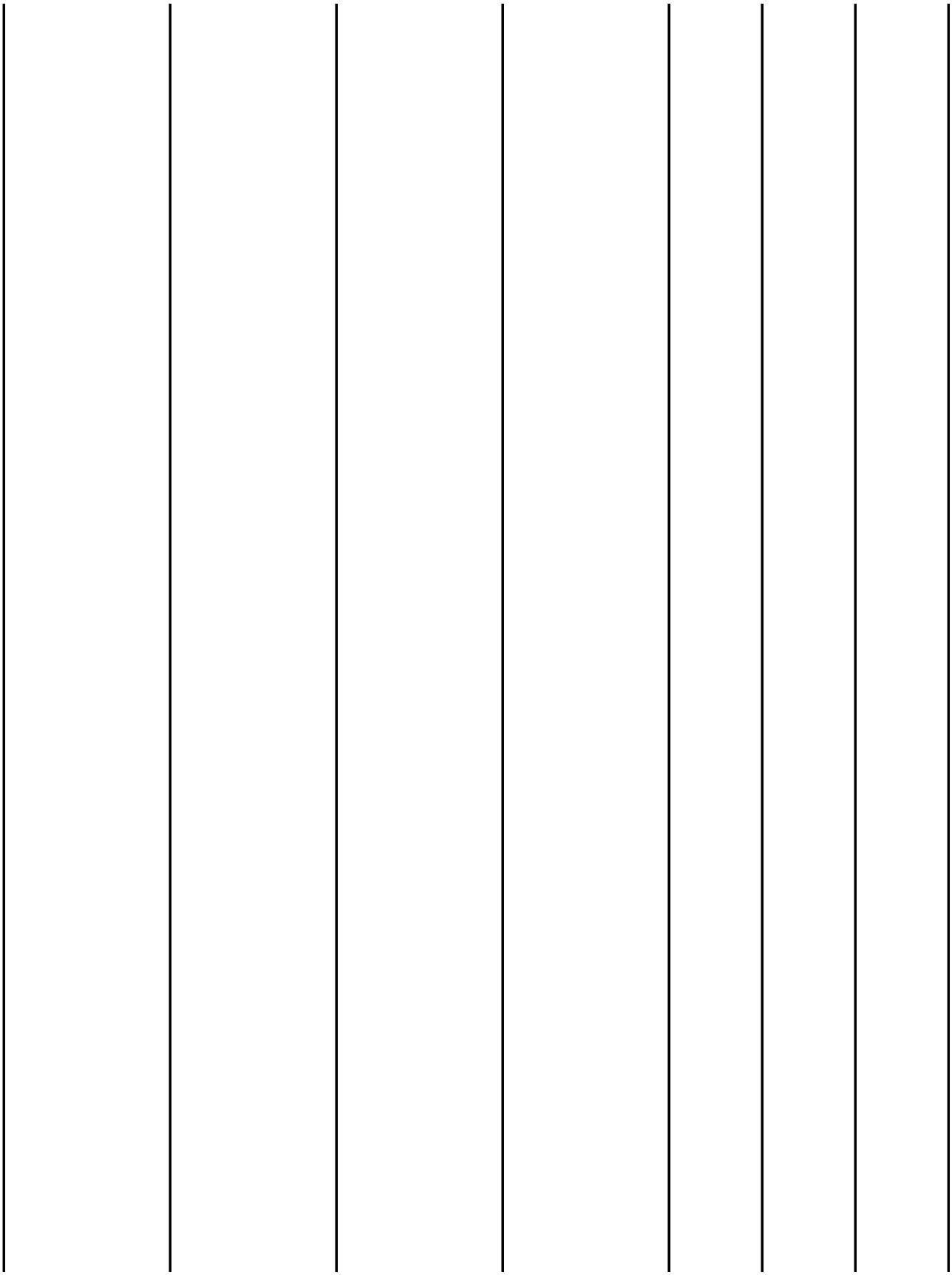


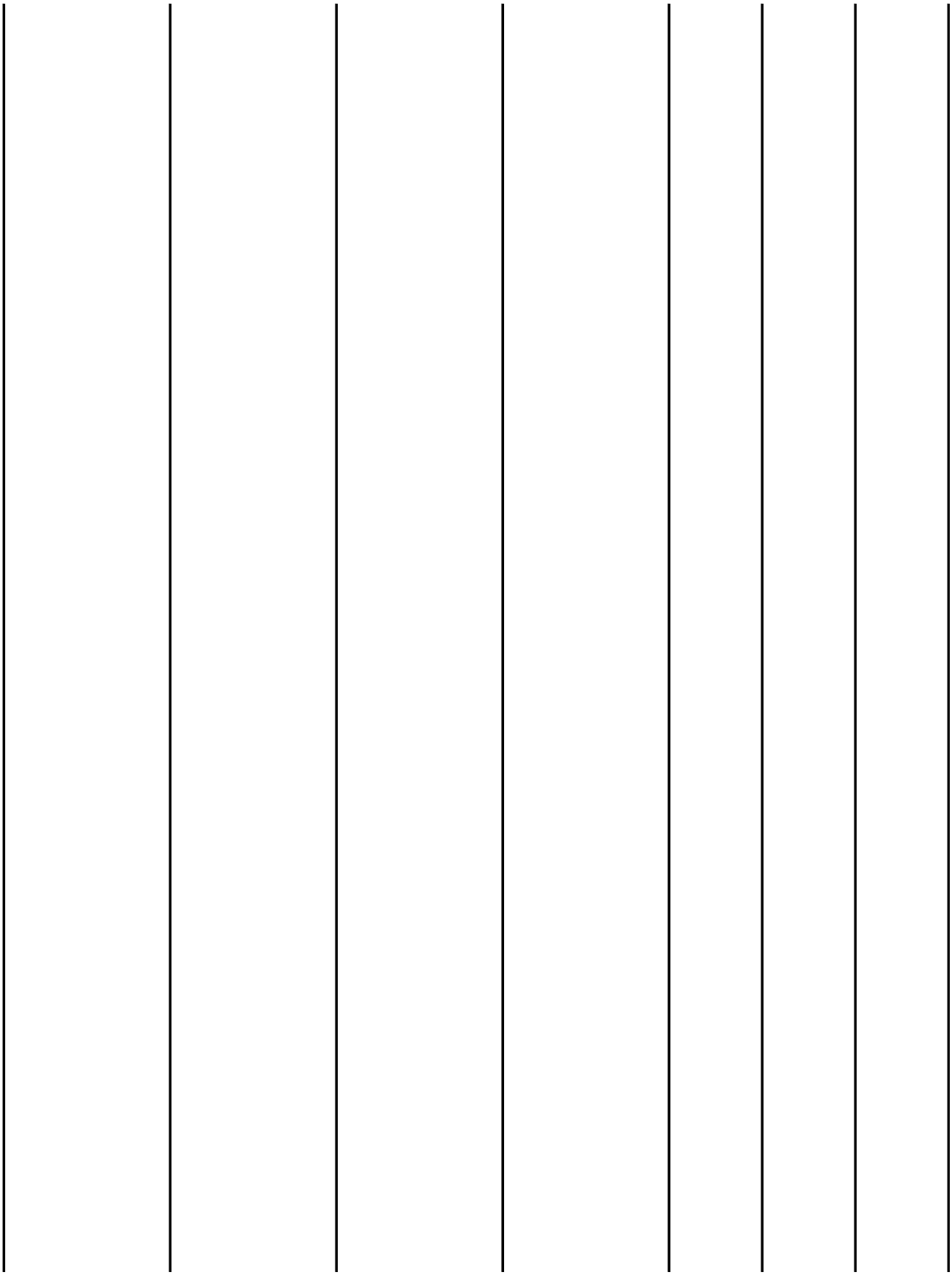


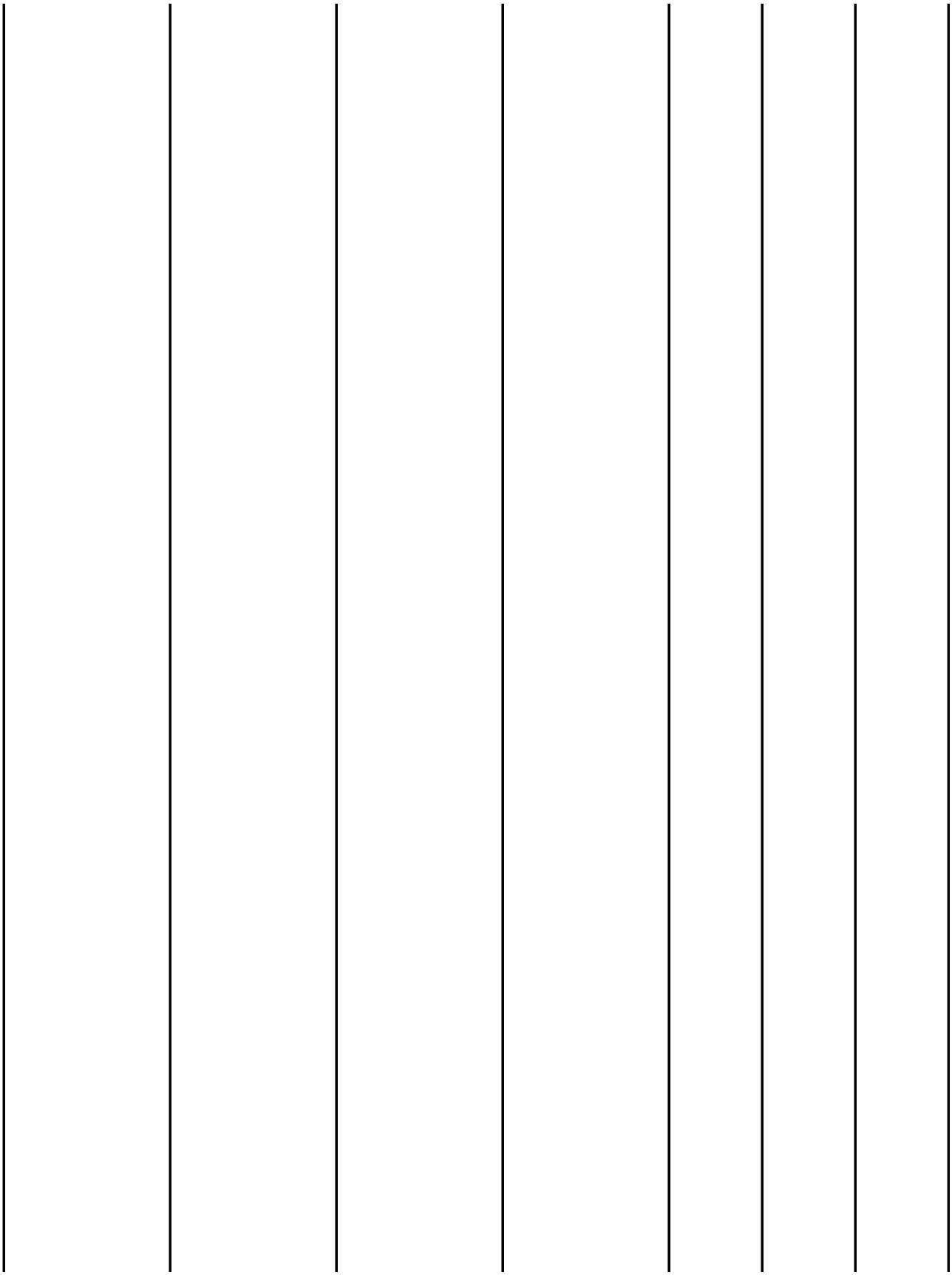


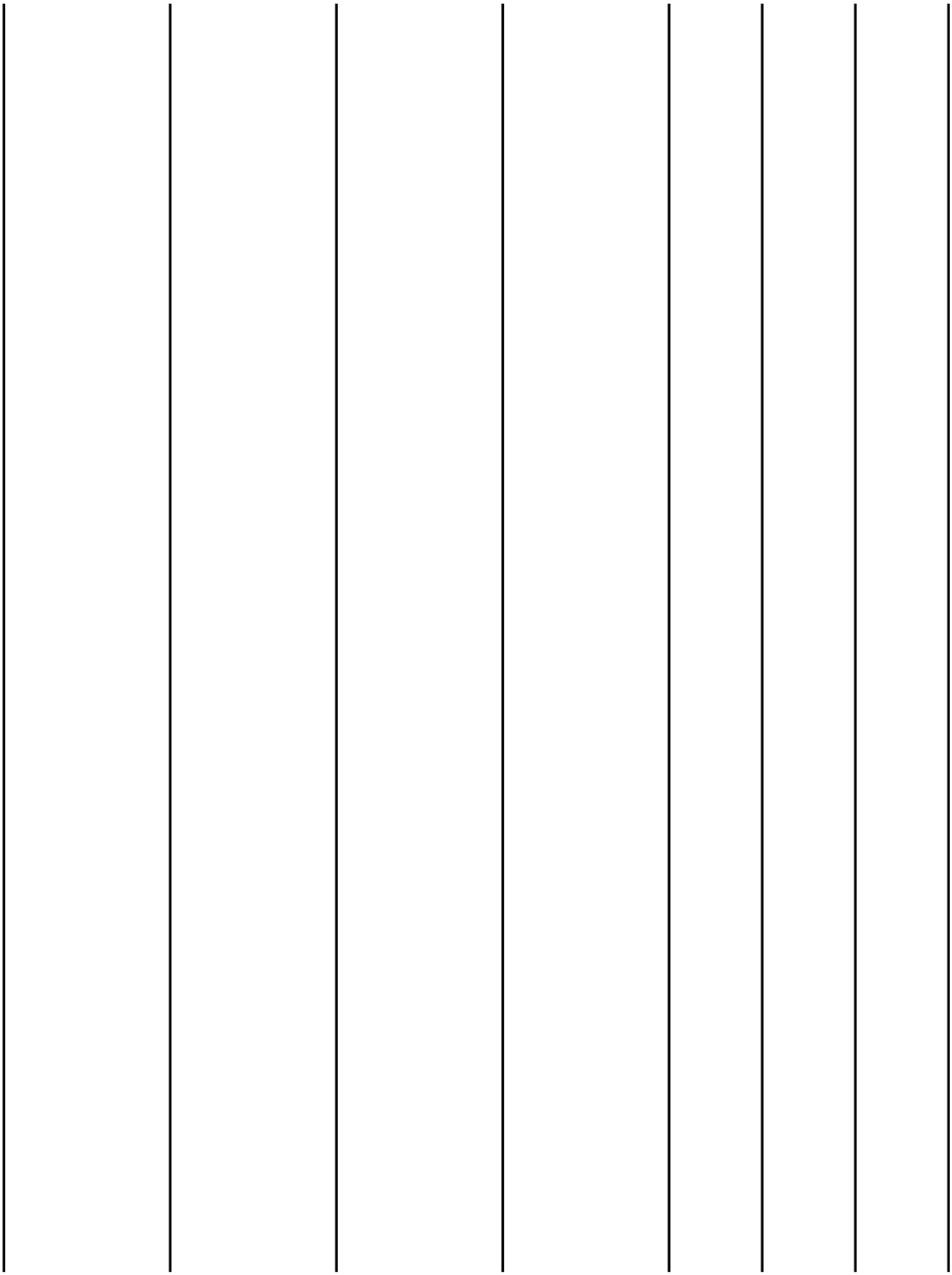


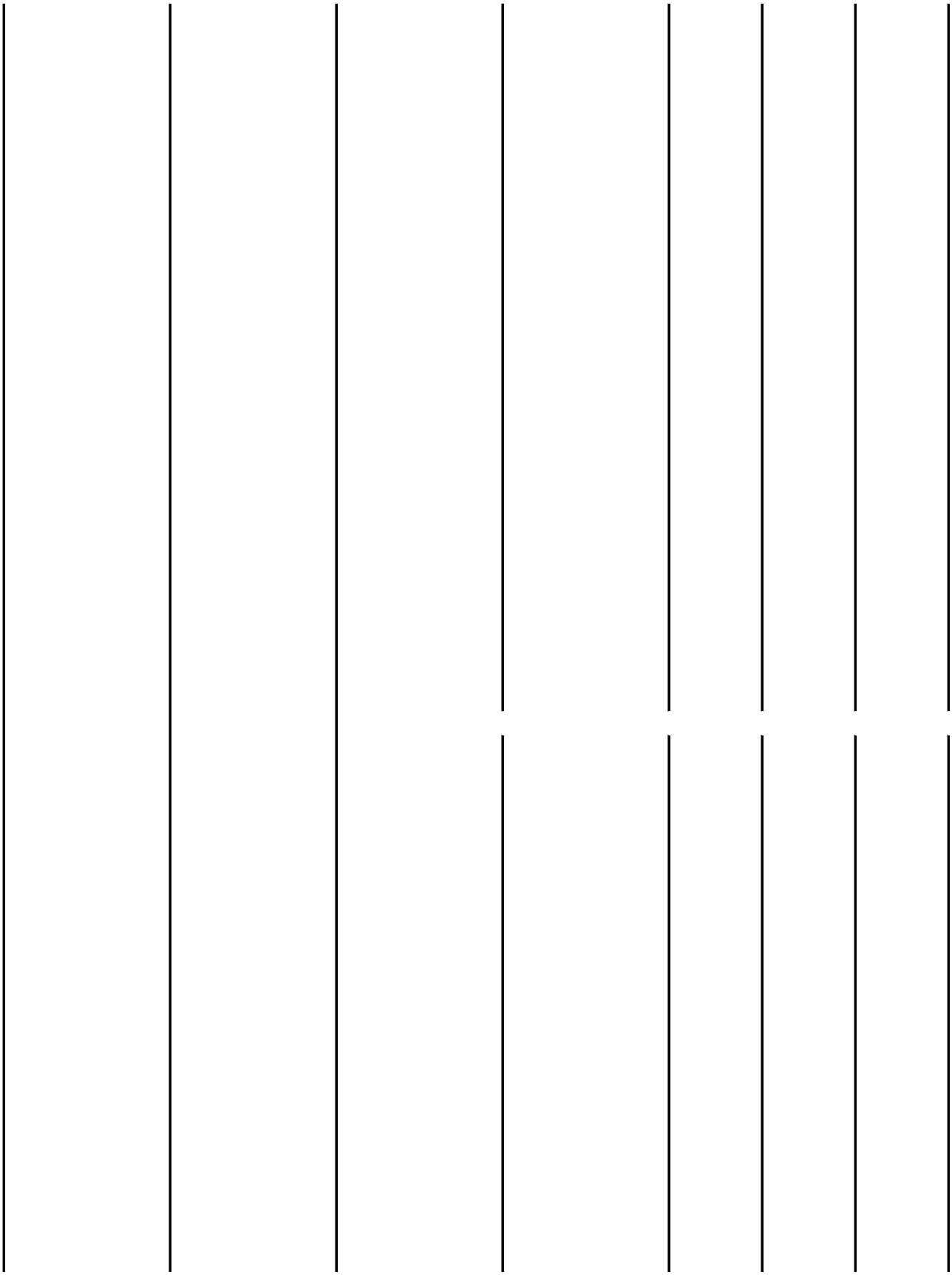


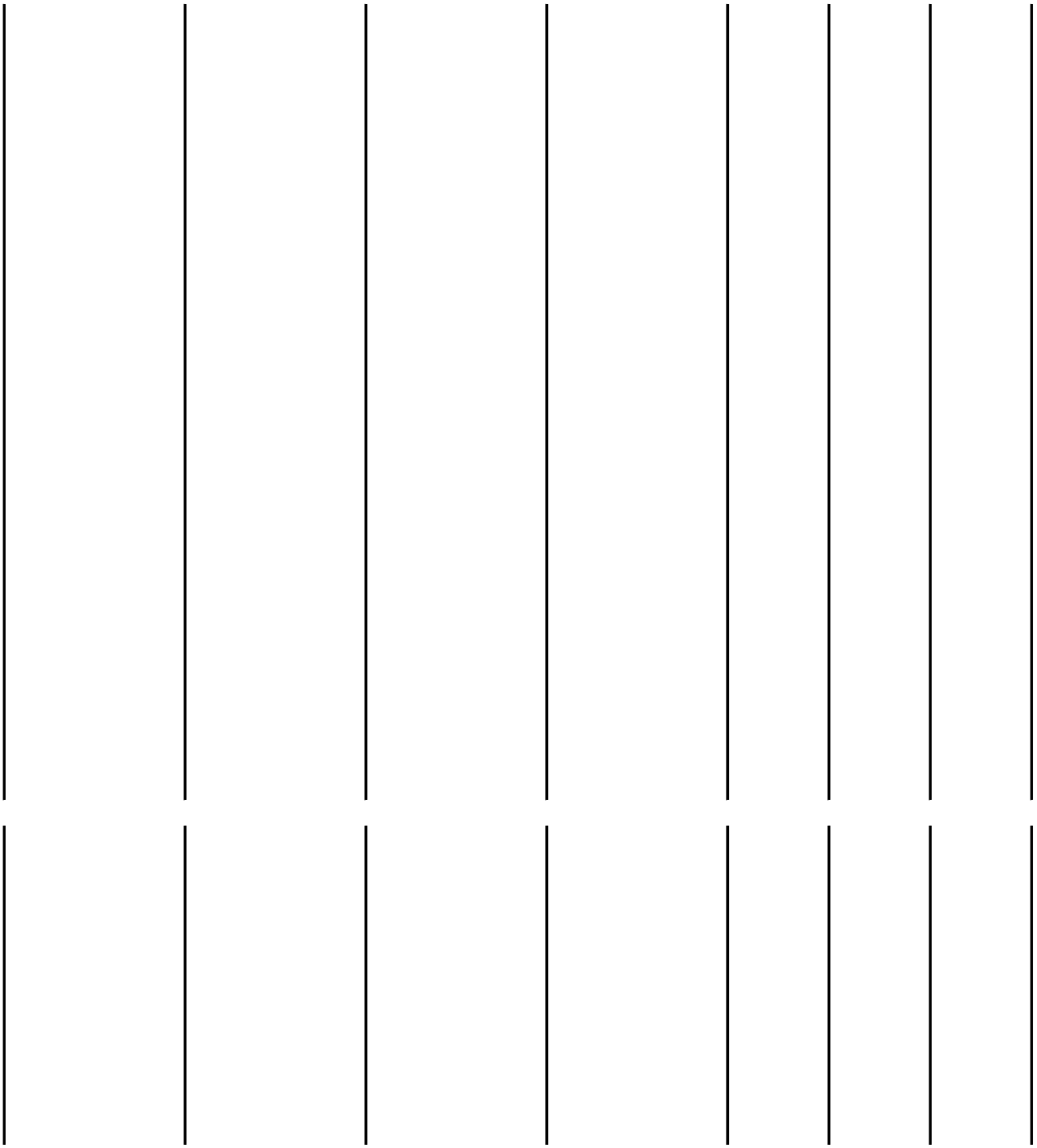












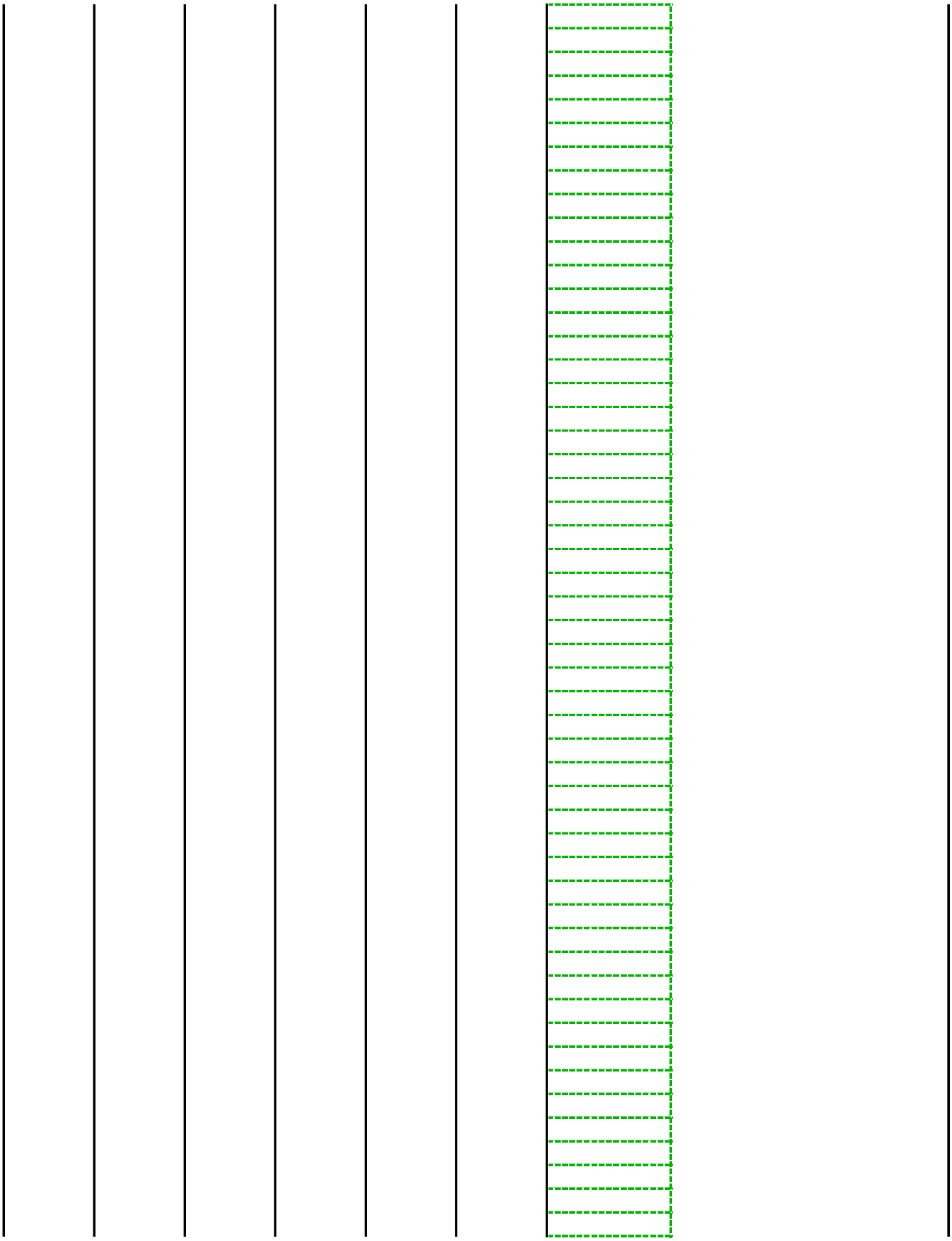
Impact Factors						Energy Saving	
Net to Gross	In-Service Rate	kWh Realization Rate	kW Winter Realization Rate	kW Summer Realization Rate	Non Electric Realization Rate	Gross Annual kWh Saved	Fossil Fuel Type #1 (Dropdown)
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%	100.00	NG - Res Heating
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		NG - Res Hot Water
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		NG - Res Hot Water
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%	200.00	NG - Res Heating
100.0%	98.0%	91.0%	91.0%	91.0%	91.0%	-	
100.0%	98.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	98.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	98.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	98.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		NG - Res Hot Water
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		NG - Res Hot Water
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		
						-	
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		NG - Res Heating
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%	-	NG - Res Heating
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%	-	
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%		NG - Res Heating
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%	168.00	NG - Res Heating
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%	27.00	NG - Res Heating
100.0%	100.0%	91.0%	91.0%	91.0%	91.0%	46.00	NG - Res Heating
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	35.0%	35.0%	35.0%	35.0%		NG - Res All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	99.0%	100.0%	100.0%	100.0%	104.0%	150.00	NG - Res Heating
100.0%	99.0%	100.0%	100.0%	100.0%	104.0%		NG - Res Hot Water
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Hot Water
100.0%	99.0%	100.0%	100.0%	100.0%	104.0%	-	NG - Res Heating

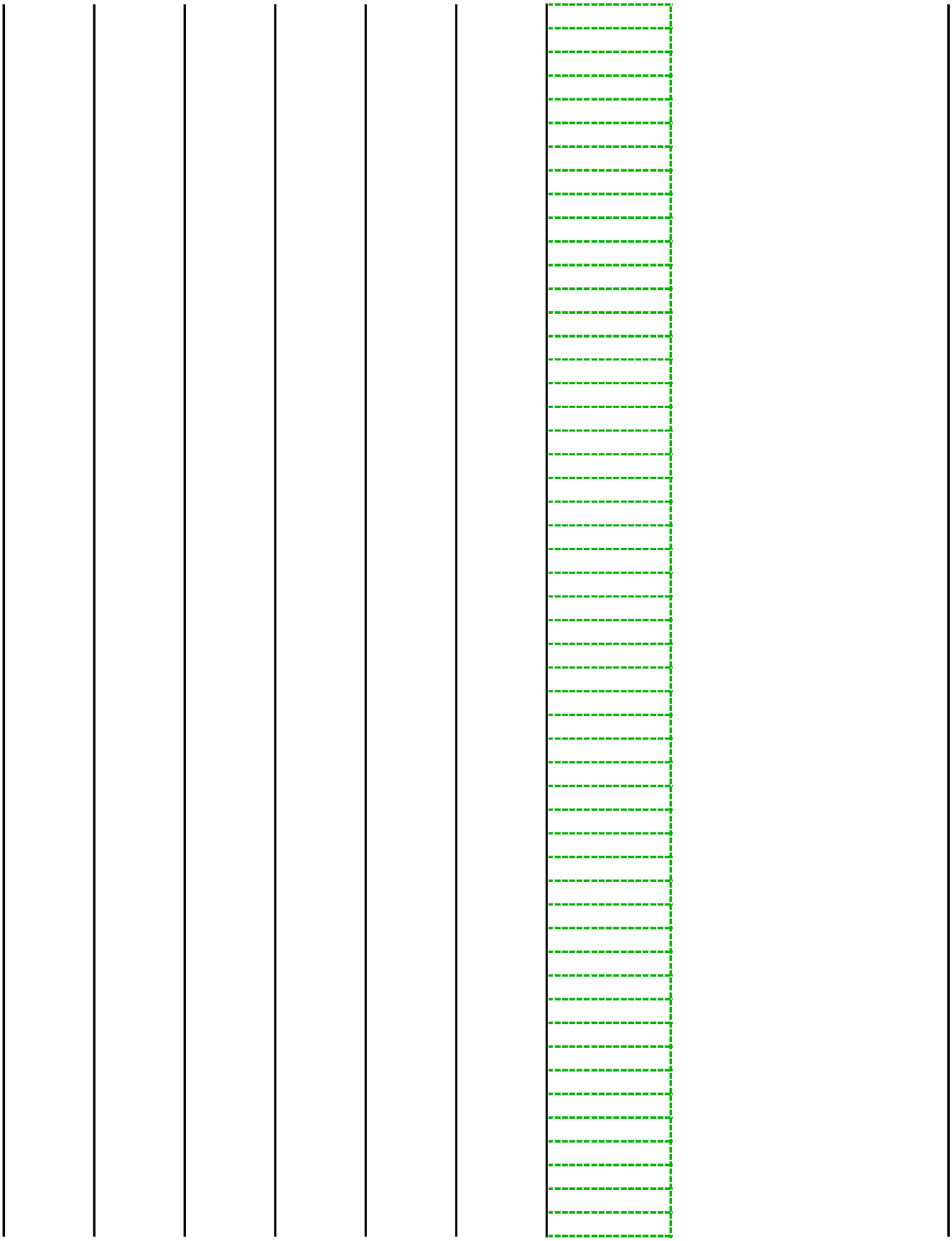
100.0%	98.0%	100.0%	100.0%	100.0%	100.0%	35.30	
100.0%	98.0%	100.0%	100.0%	100.0%	100.0%	17.00	
100.0%	98.0%	100.0%	100.0%	100.0%	100.0%	50.60	
100.0%	98.0%	100.0%	100.0%	100.0%	100.0%	50.60	
100.0%	98.0%	100.0%	100.0%	100.0%	100.0%	37.40	
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Hot Water
100.0%	99.0%	100.0%	100.0%	100.0%	104.0%		NG - Res Hot Water
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	99.0%	100.0%	100.0%	100.0%	100.0%	168.00	NG - Res Heating
100.0%	99.0%	100.0%	100.0%	100.0%	104.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	104.0%	46.00	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	104.20	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	104.20	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	(133.00)	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	27.00	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)	NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)	NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	(43.00)	NG - Res Hot Water
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	24.86	NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - Res Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - Res Non Heating
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - C&I Gas Heat
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - C&I Gas Heat
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - Res Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating

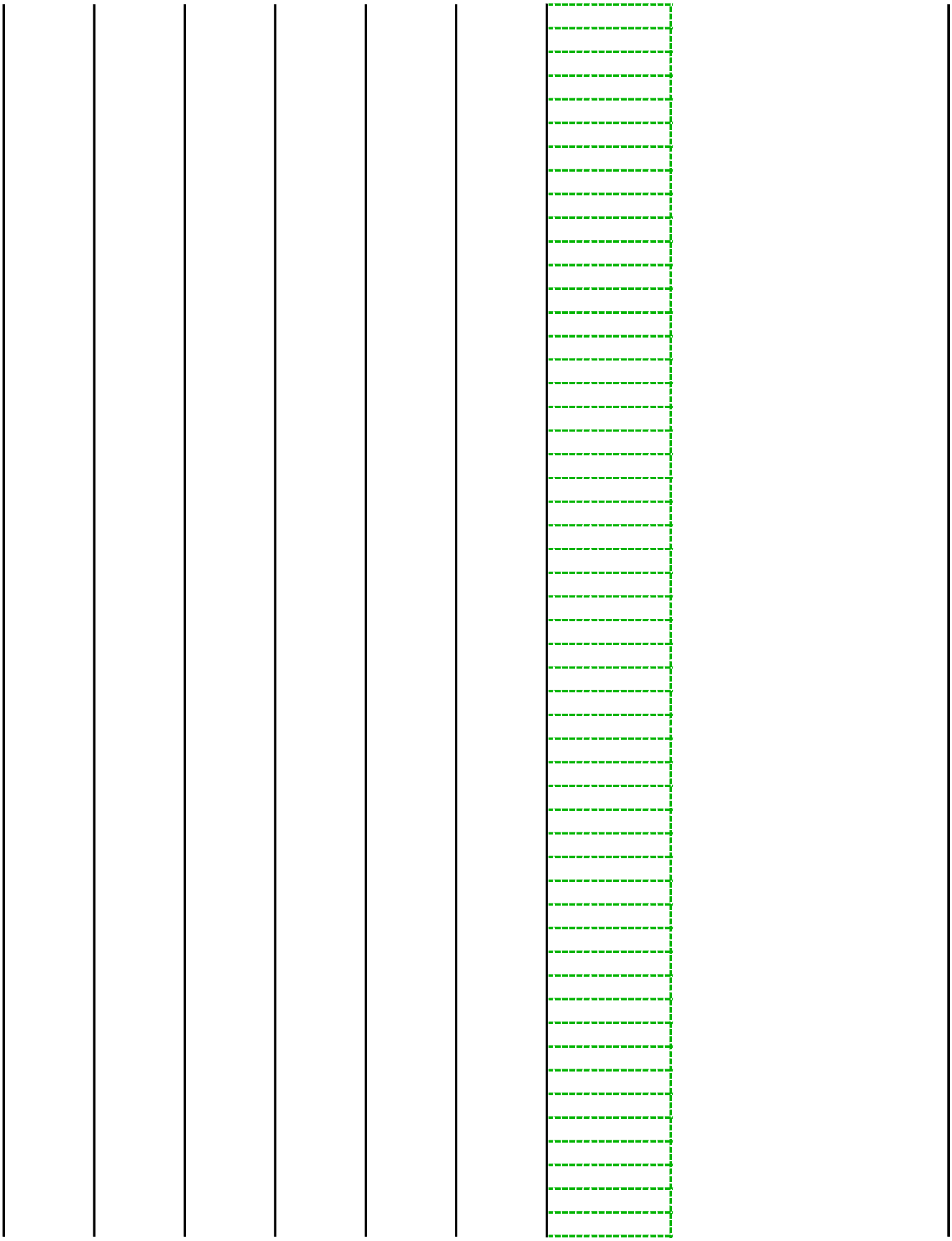
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
						-	
						-	
						-	
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - C&I Gas All
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - C&I Gas Heat
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - C&I Gas Heat
100.0%	100.0%	99.9%	100.0%	100.0%	87.0%		NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	168.00	NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	168.00	NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
						-	
						-	
						-	
100.0%	100.0%	36.0%	36.0%	36.0%	36.0%	-	NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		

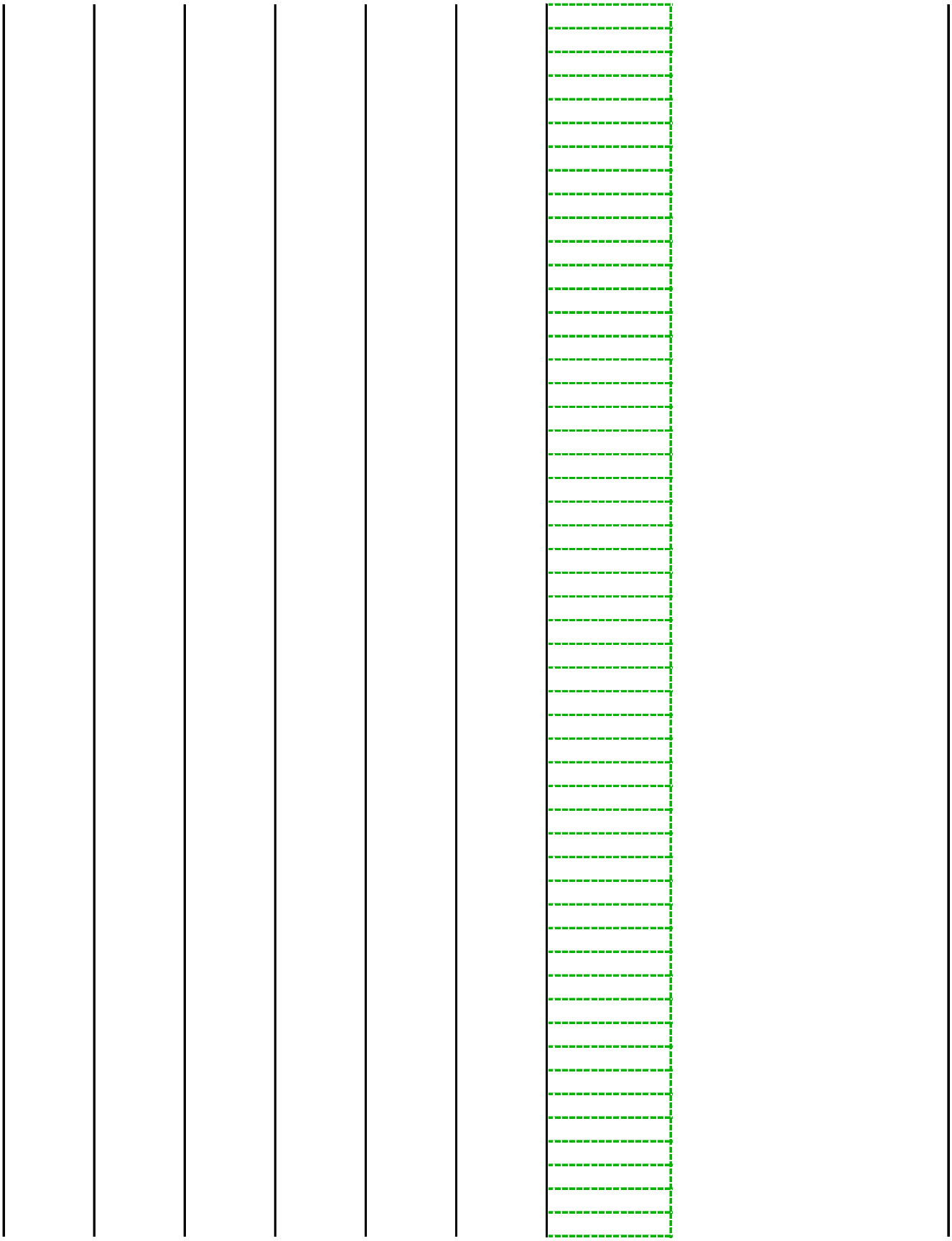
						-	
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
30.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas All
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
30.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
60.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
60.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%	-	NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
						-	
						-	
						-	
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	87.0%		
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas All

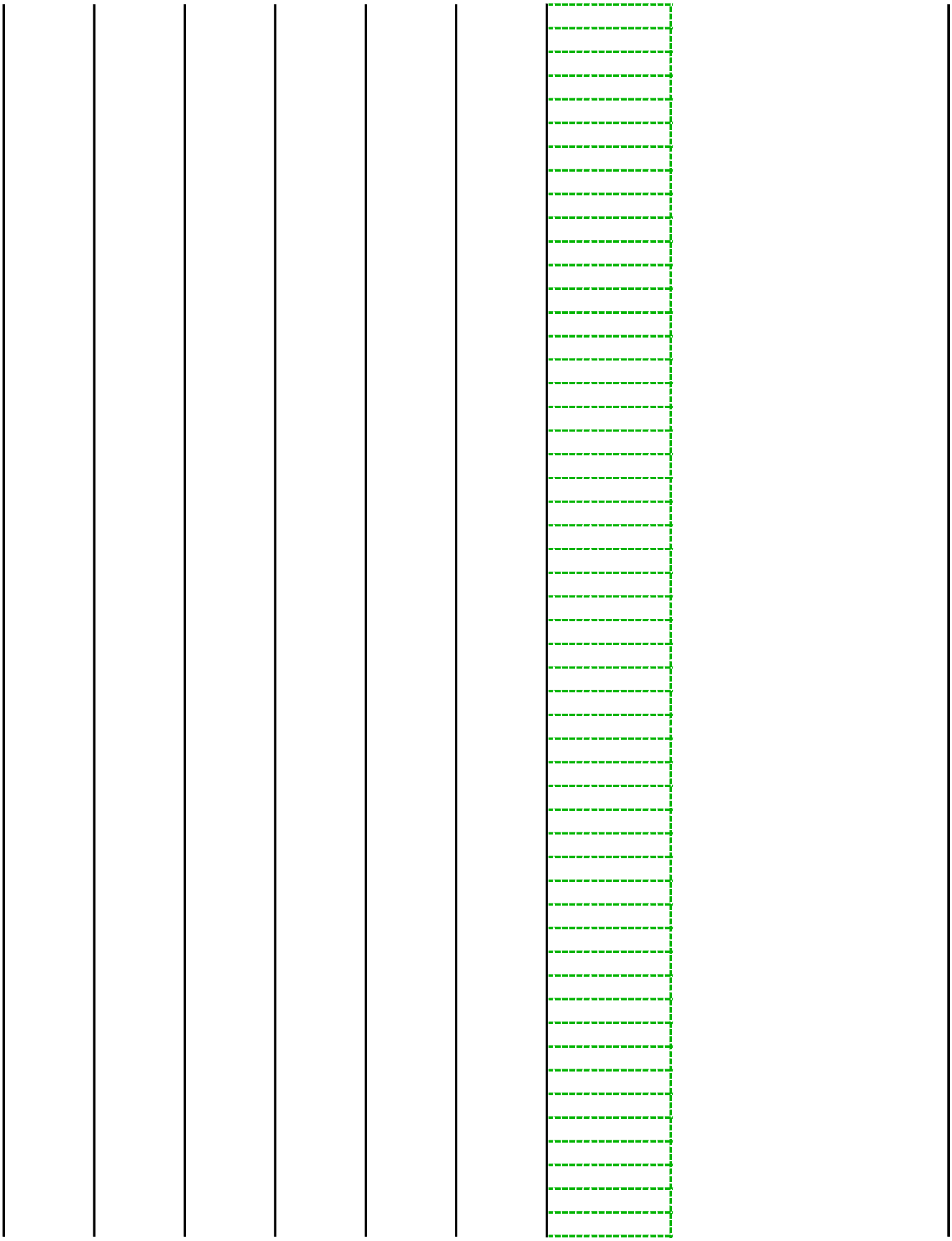
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	168.00	NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	168.00	NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C&I Gas Heat
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
						-	
						-	
						-	
100.0%	100.0%	36.0%	36.0%	36.0%	36.0%	-	NG - C&I Gas All
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
						-	
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		
						-	
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	-	
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
83.3%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
30.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
60.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
60.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
30.0%	100.0%	100.0%	100.0%	100.0%	100.0%		NG - C& I Gas Non Heating
							NG - C& I Gas Non Heating
x	x	x	x	x	x	x	x

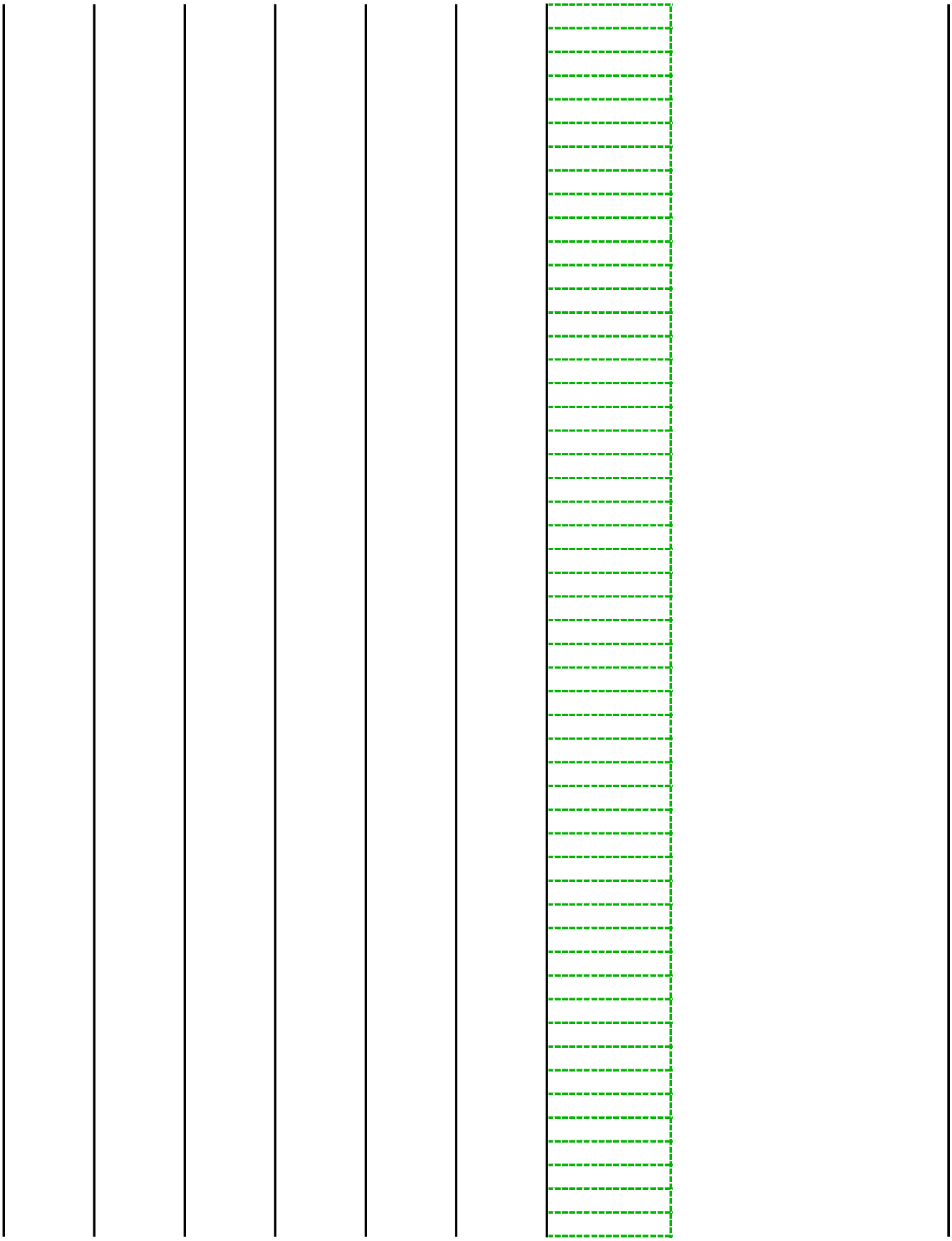


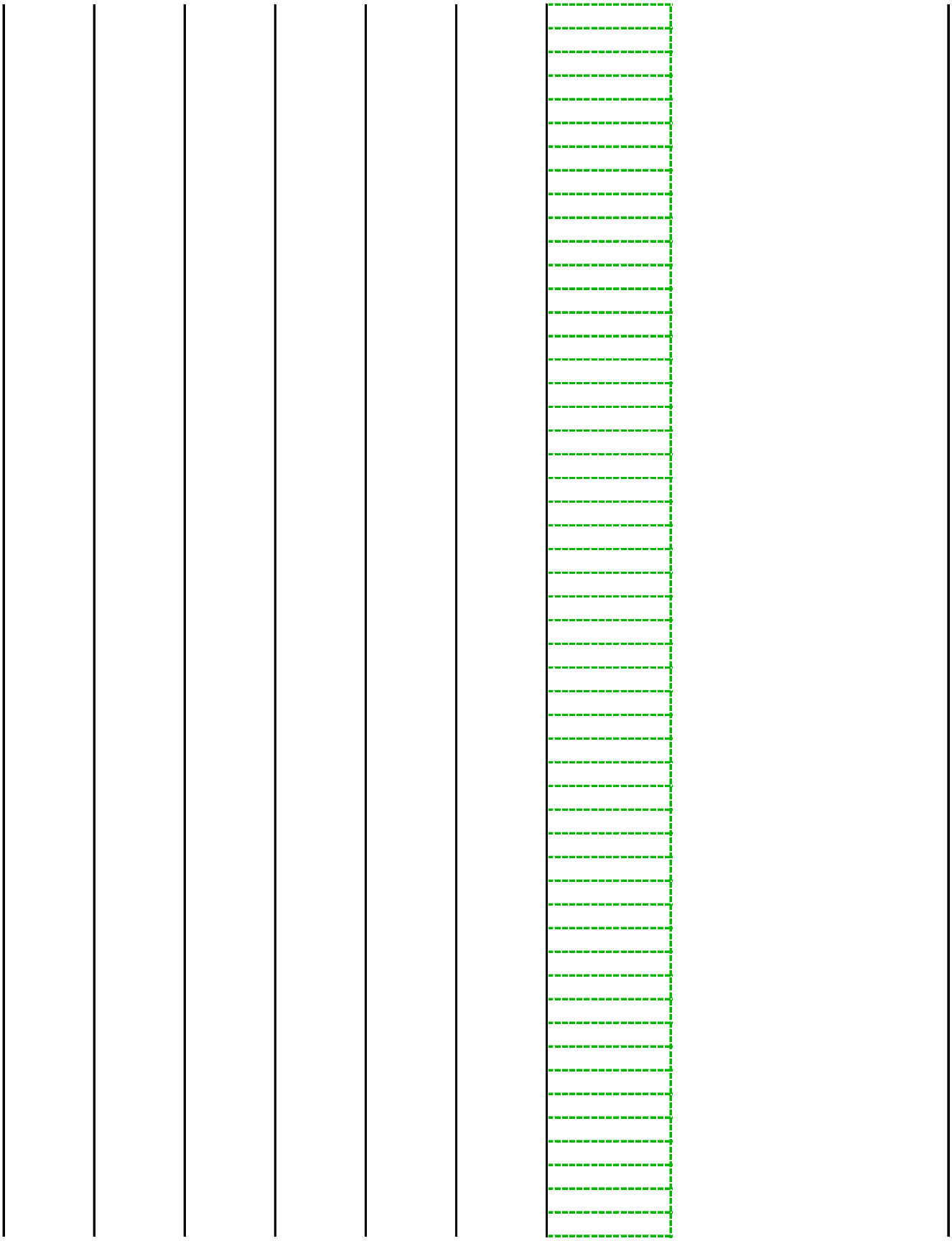


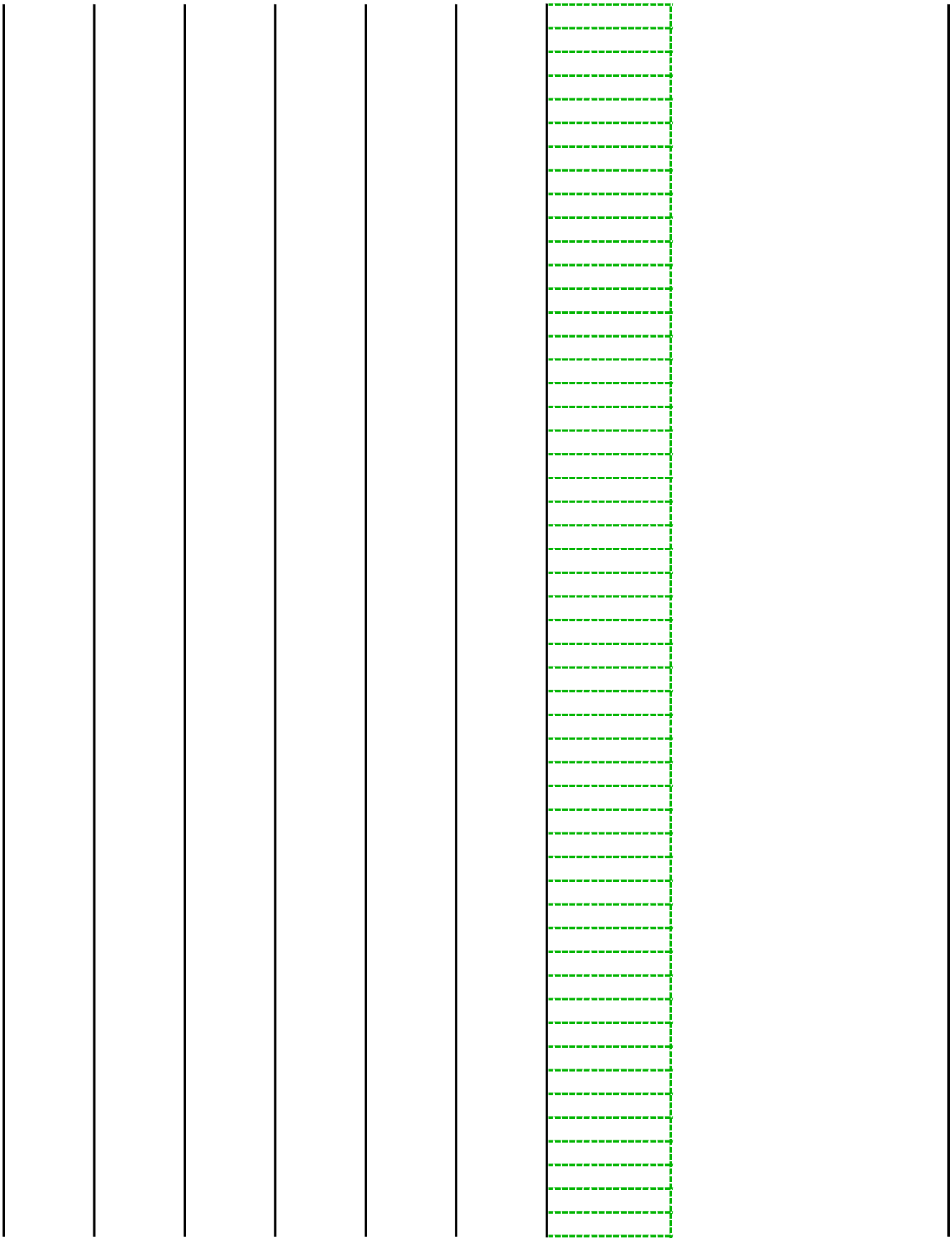


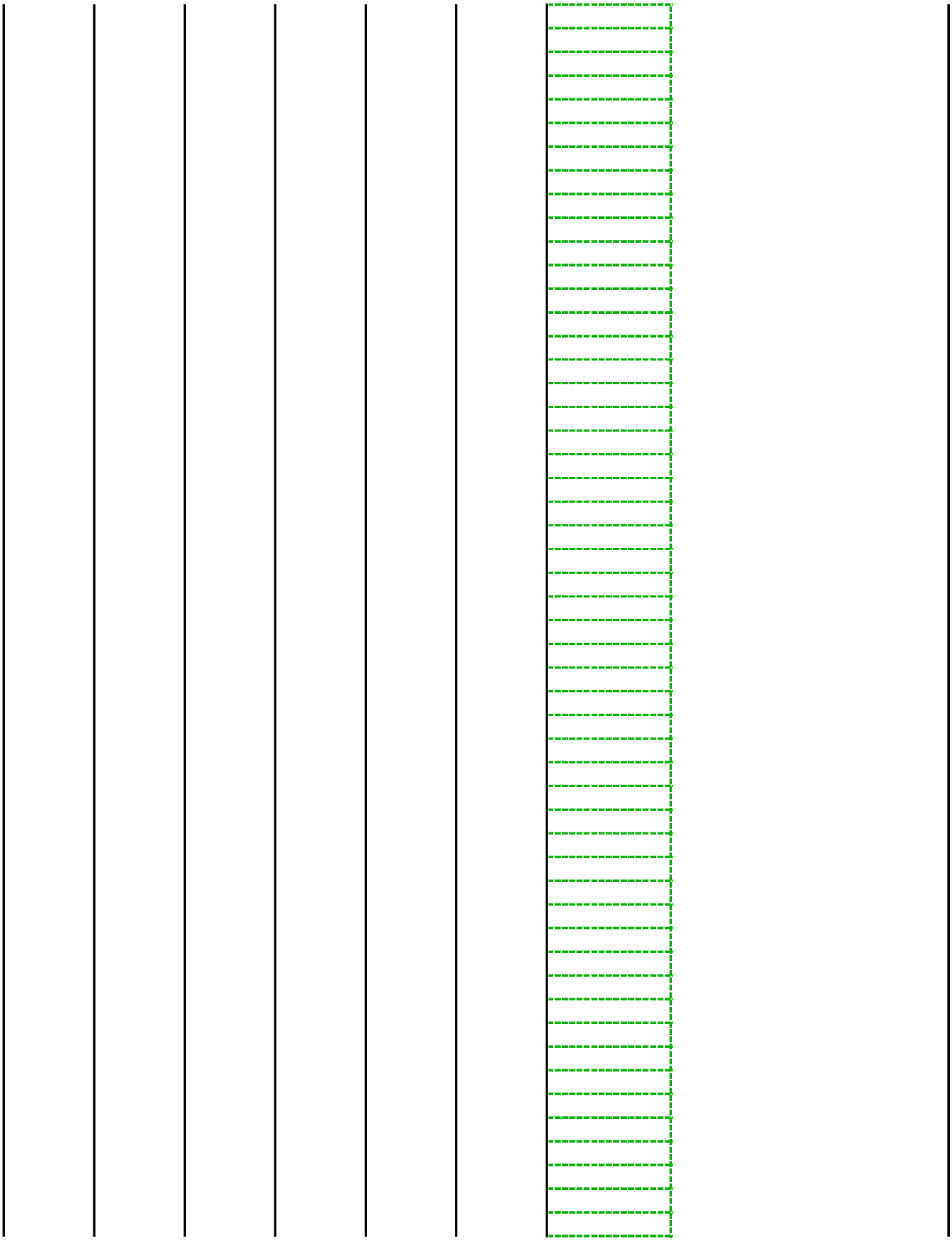


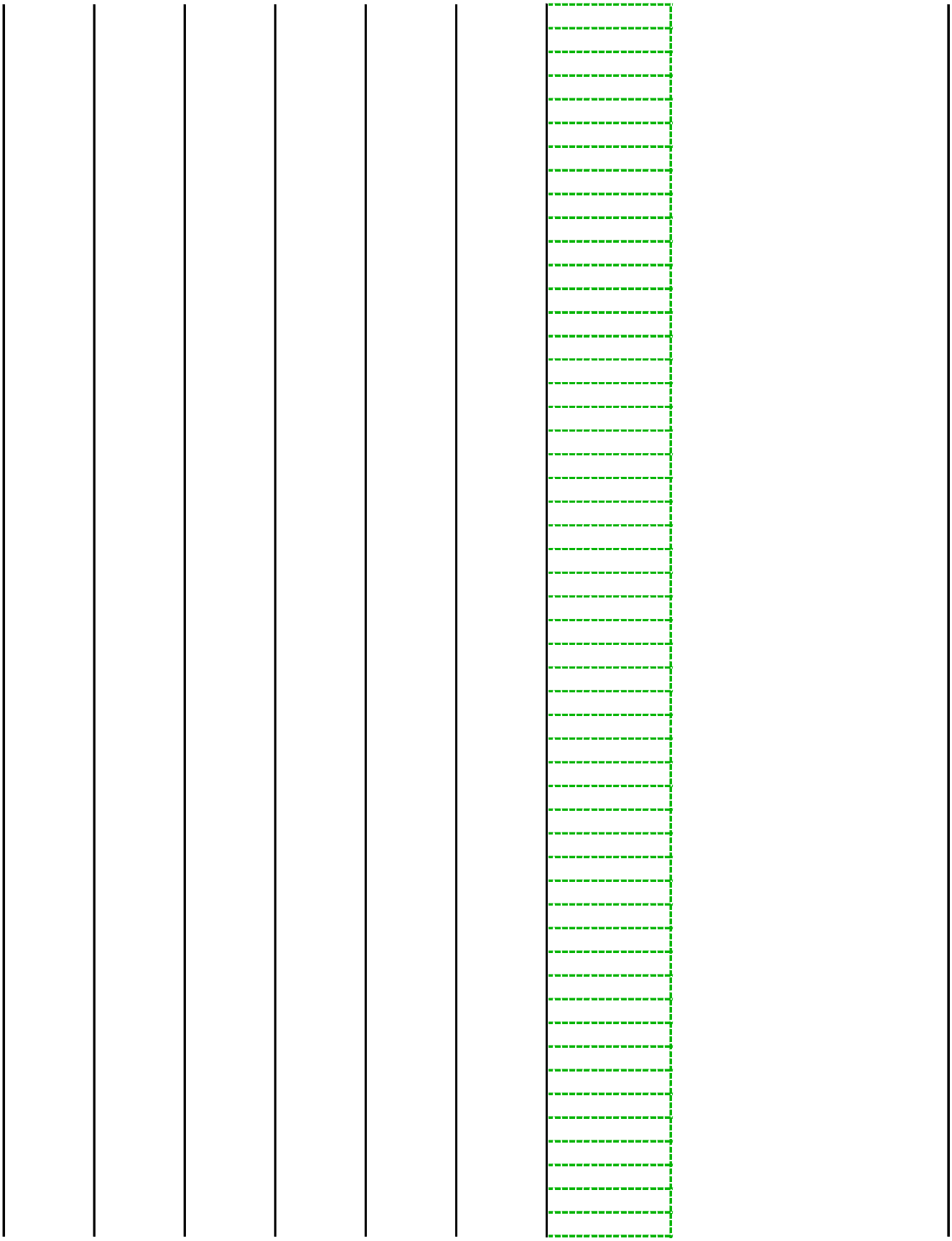


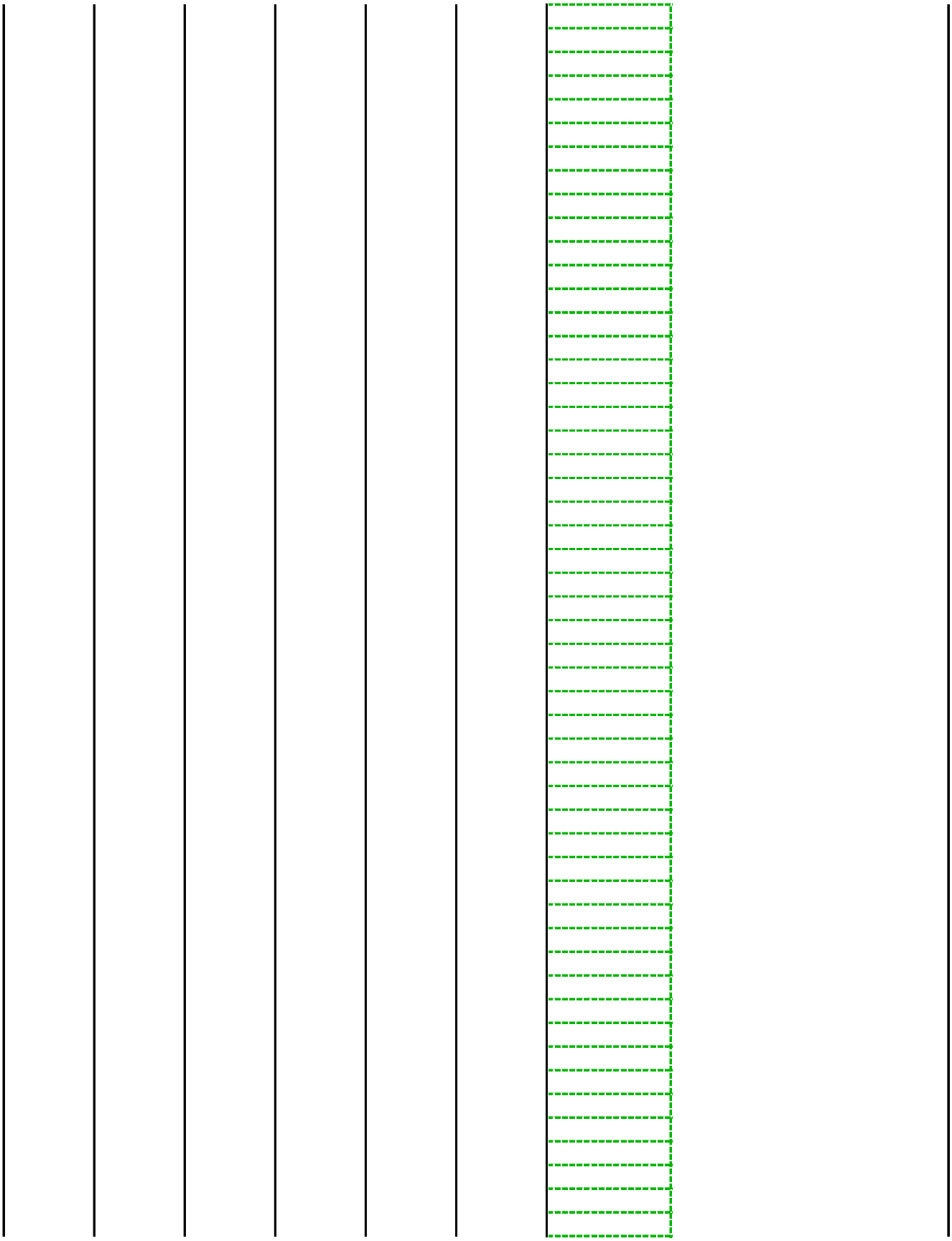


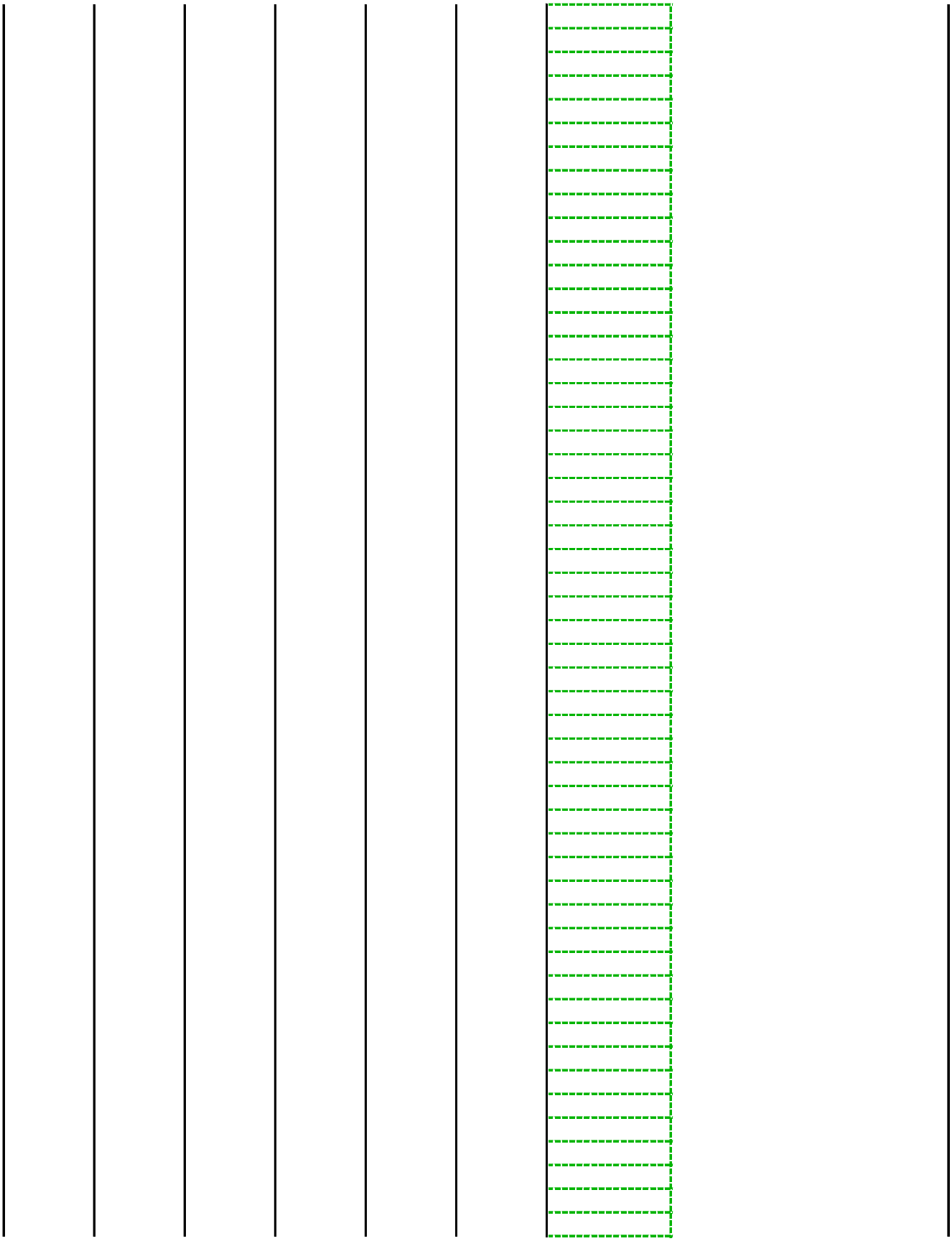


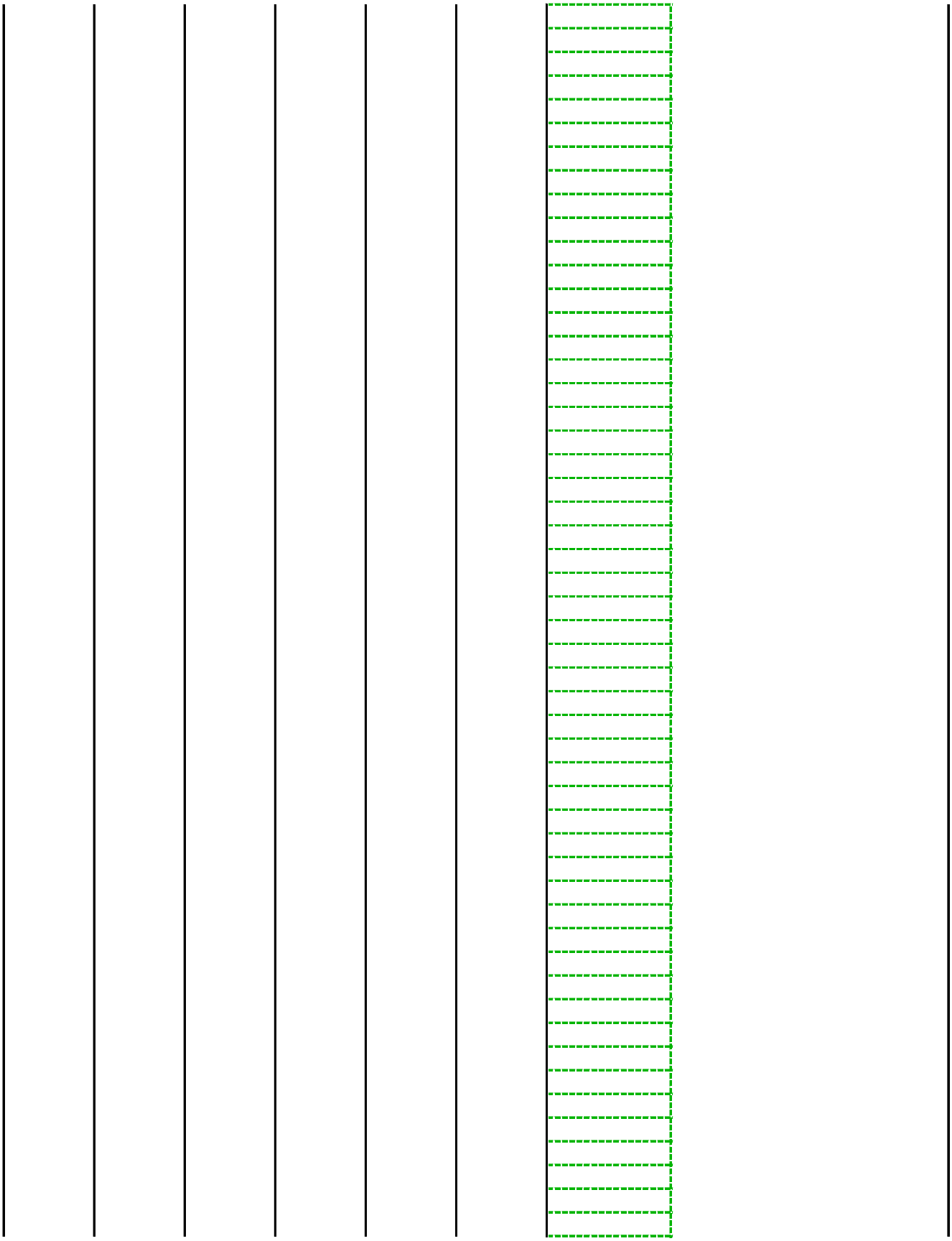


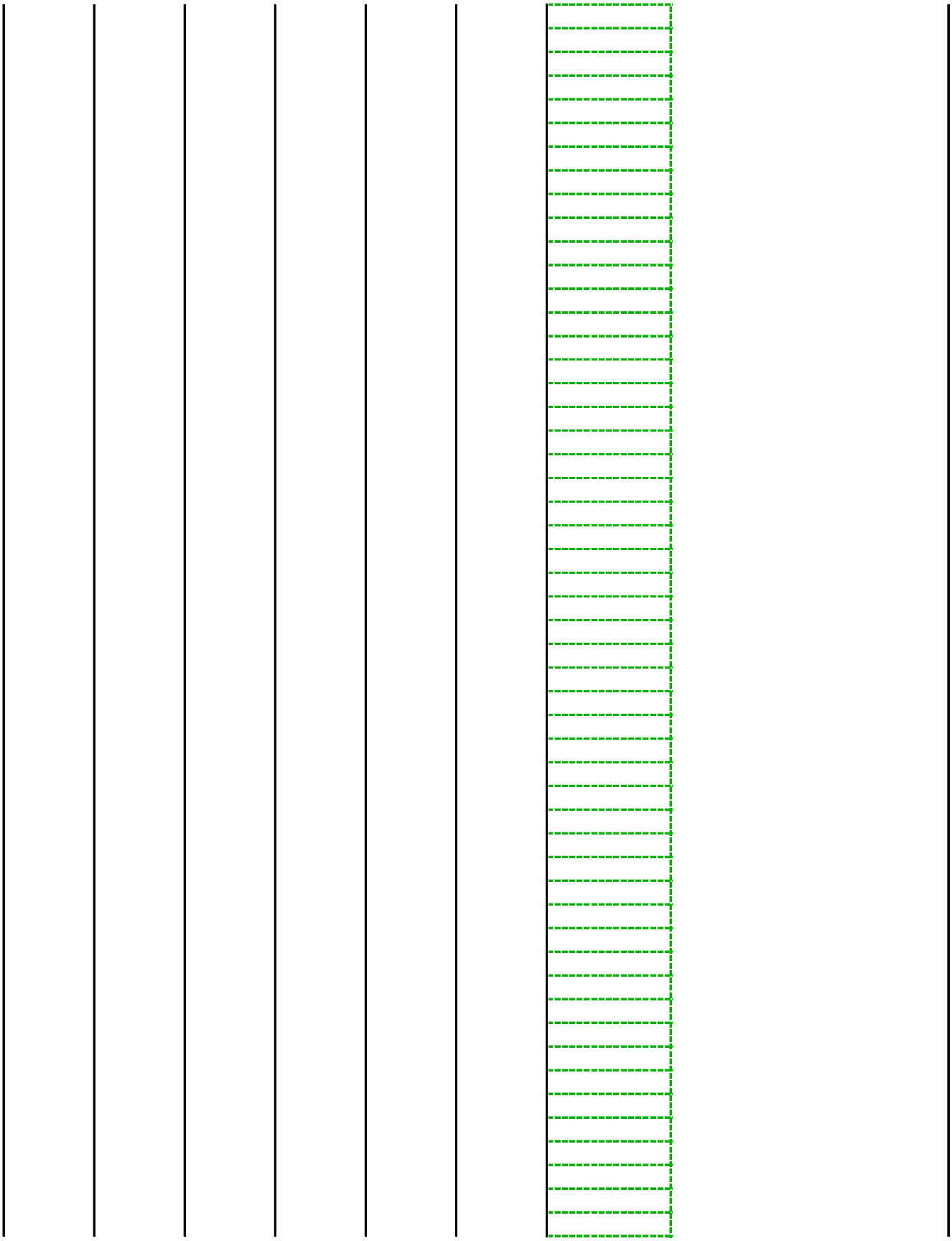


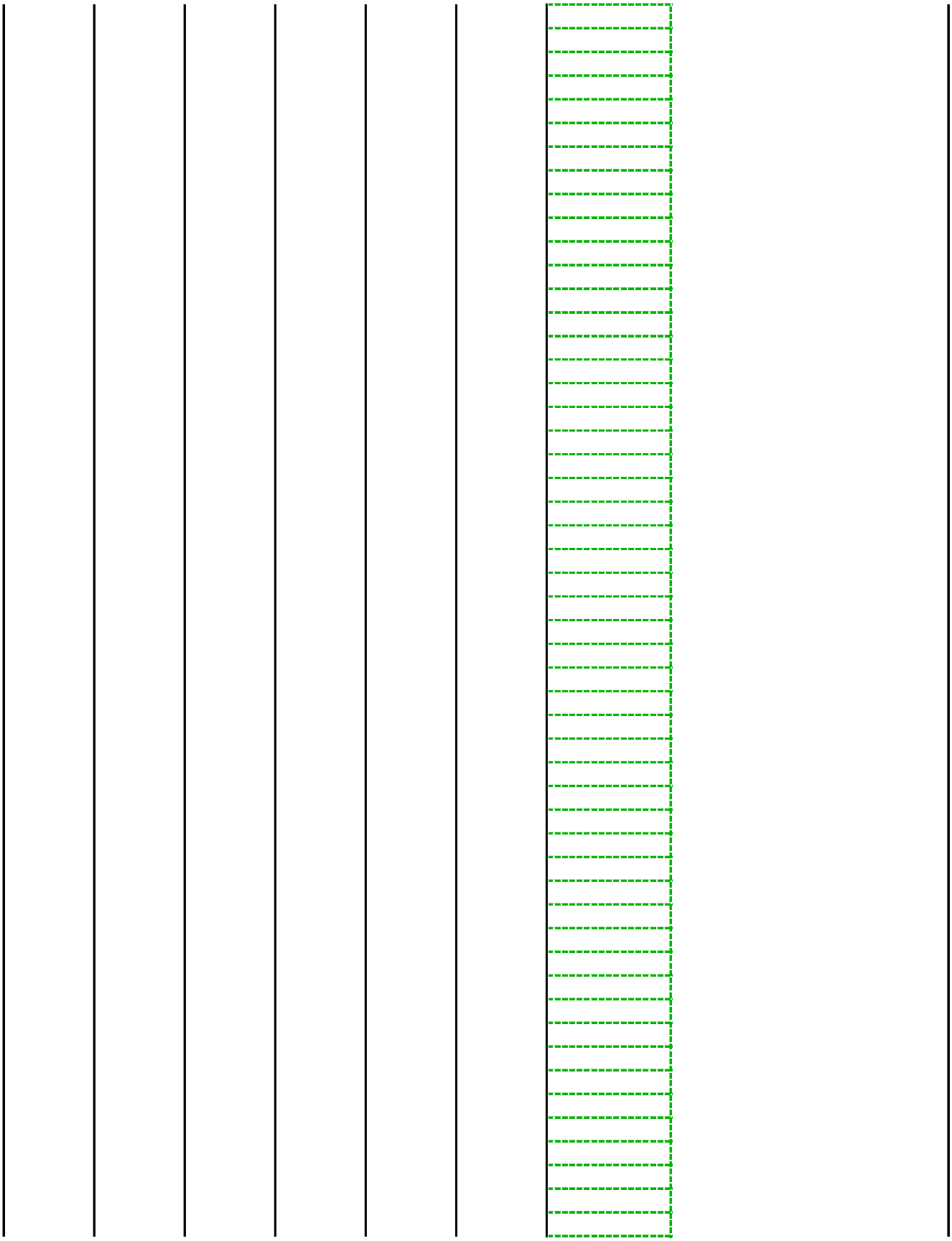


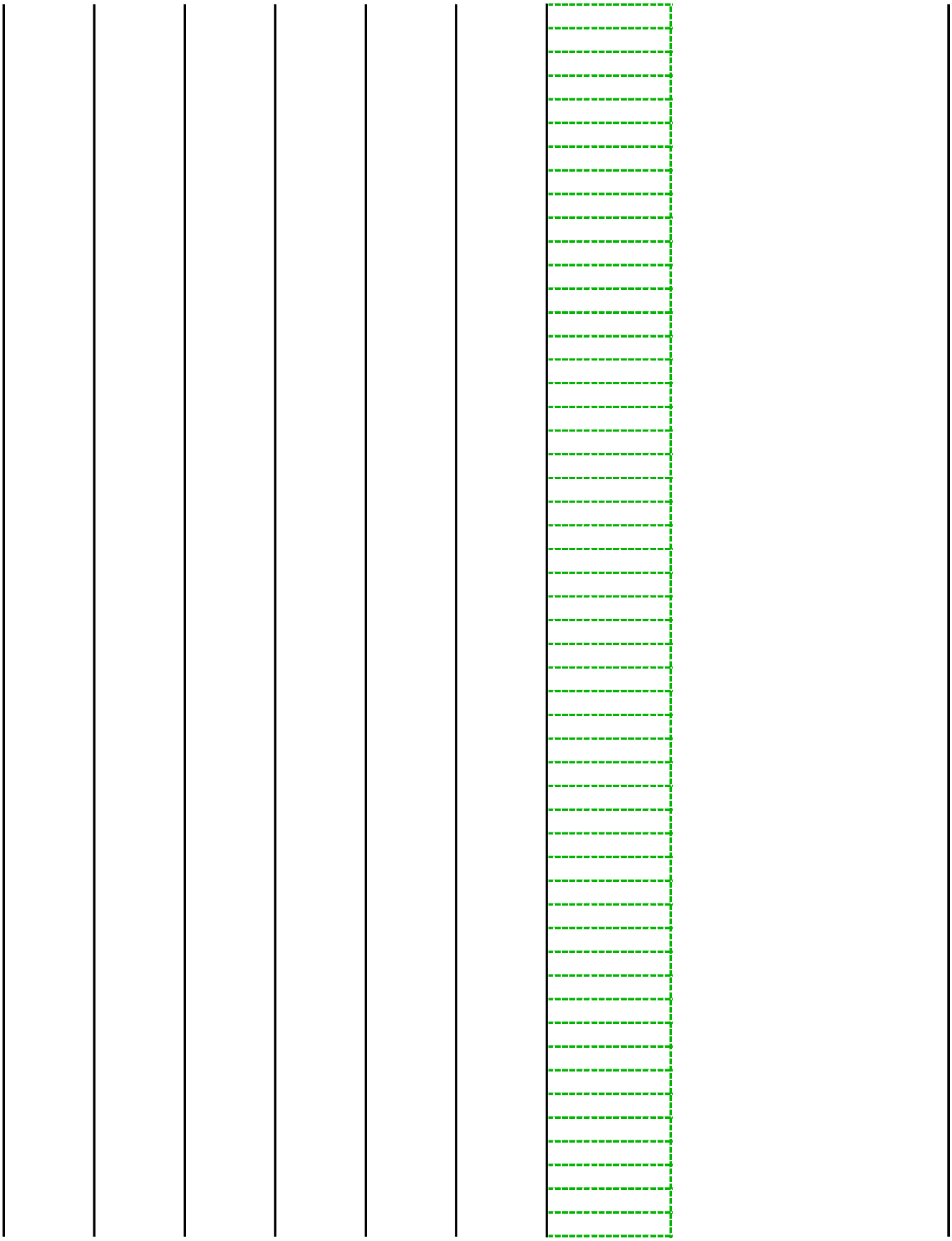


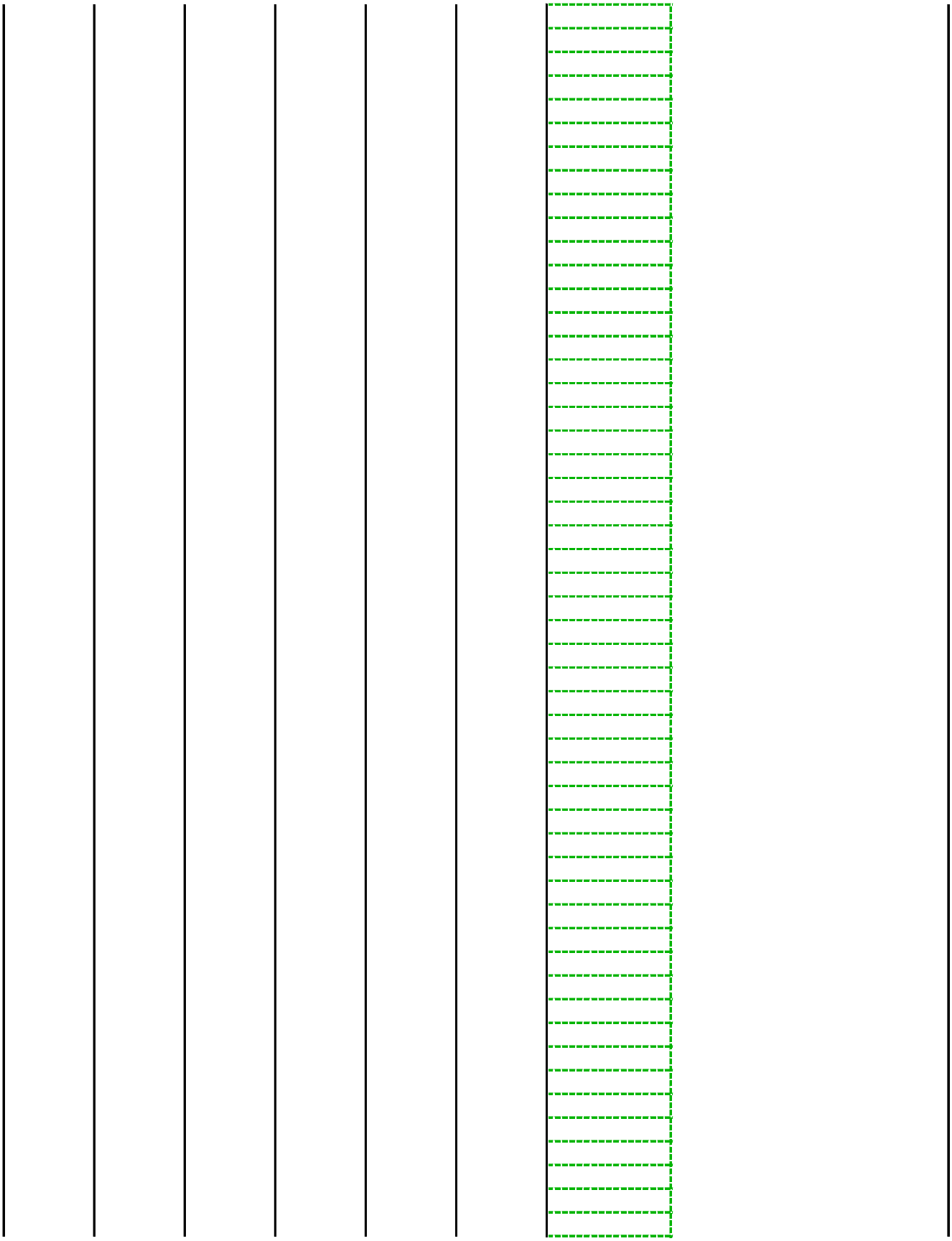


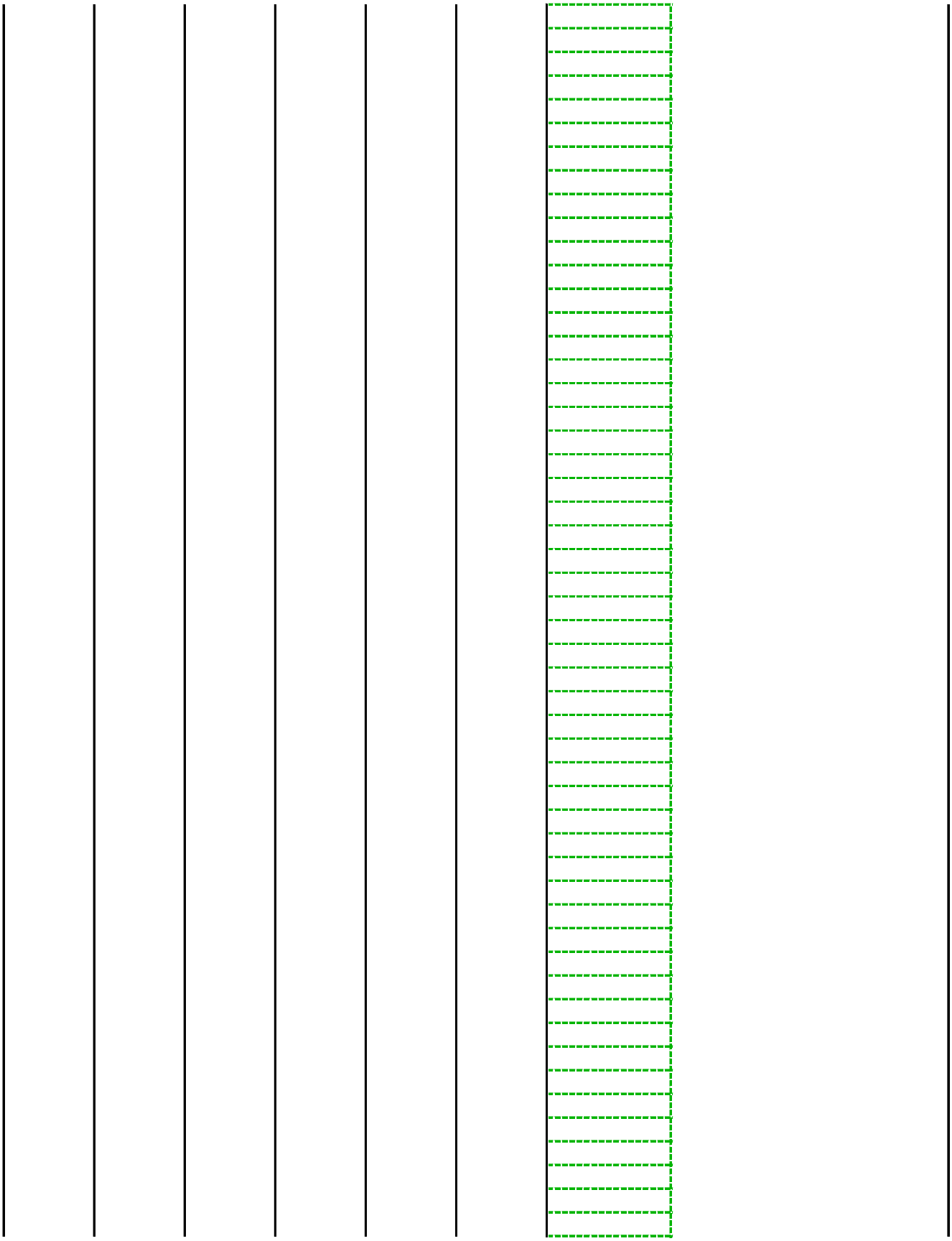


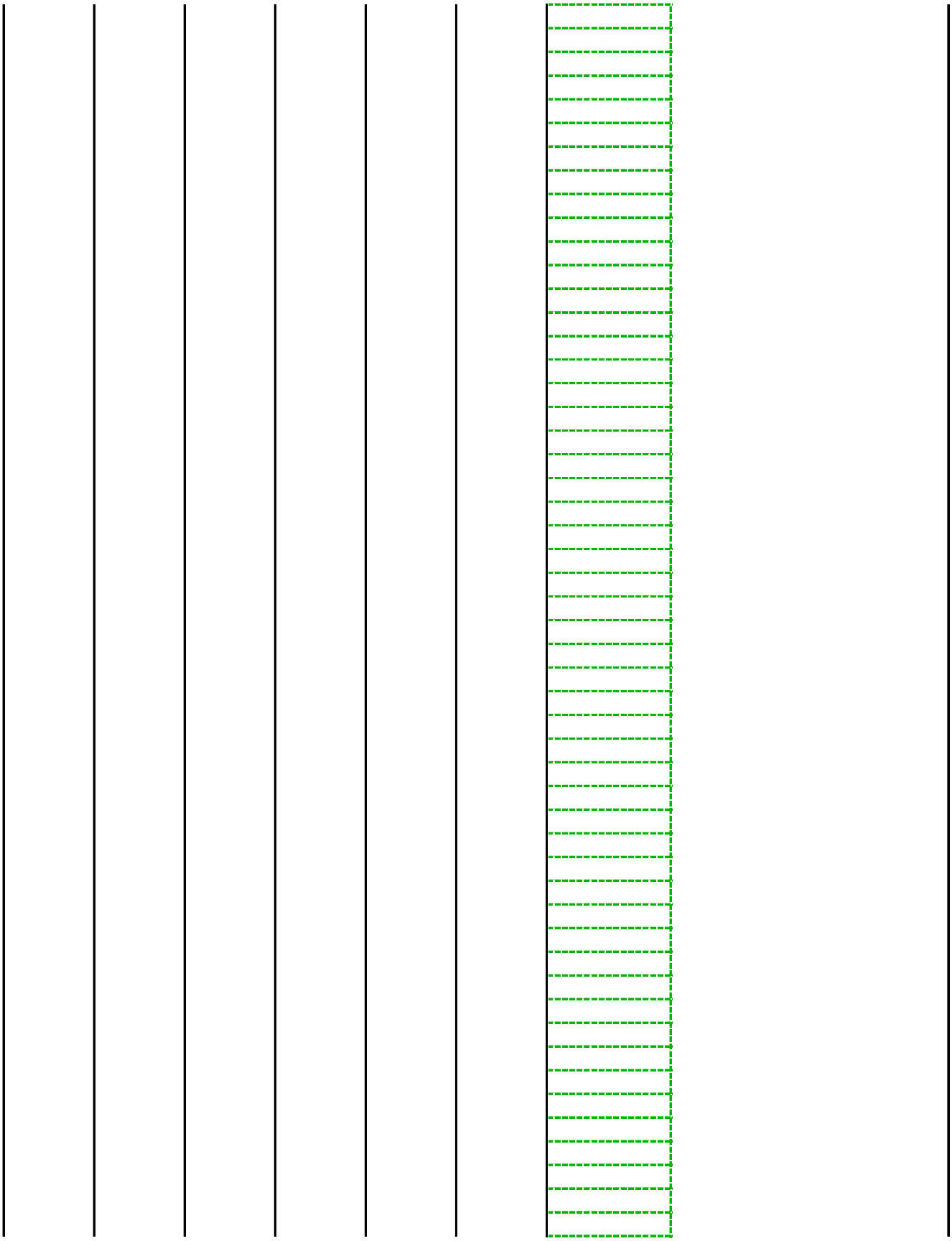


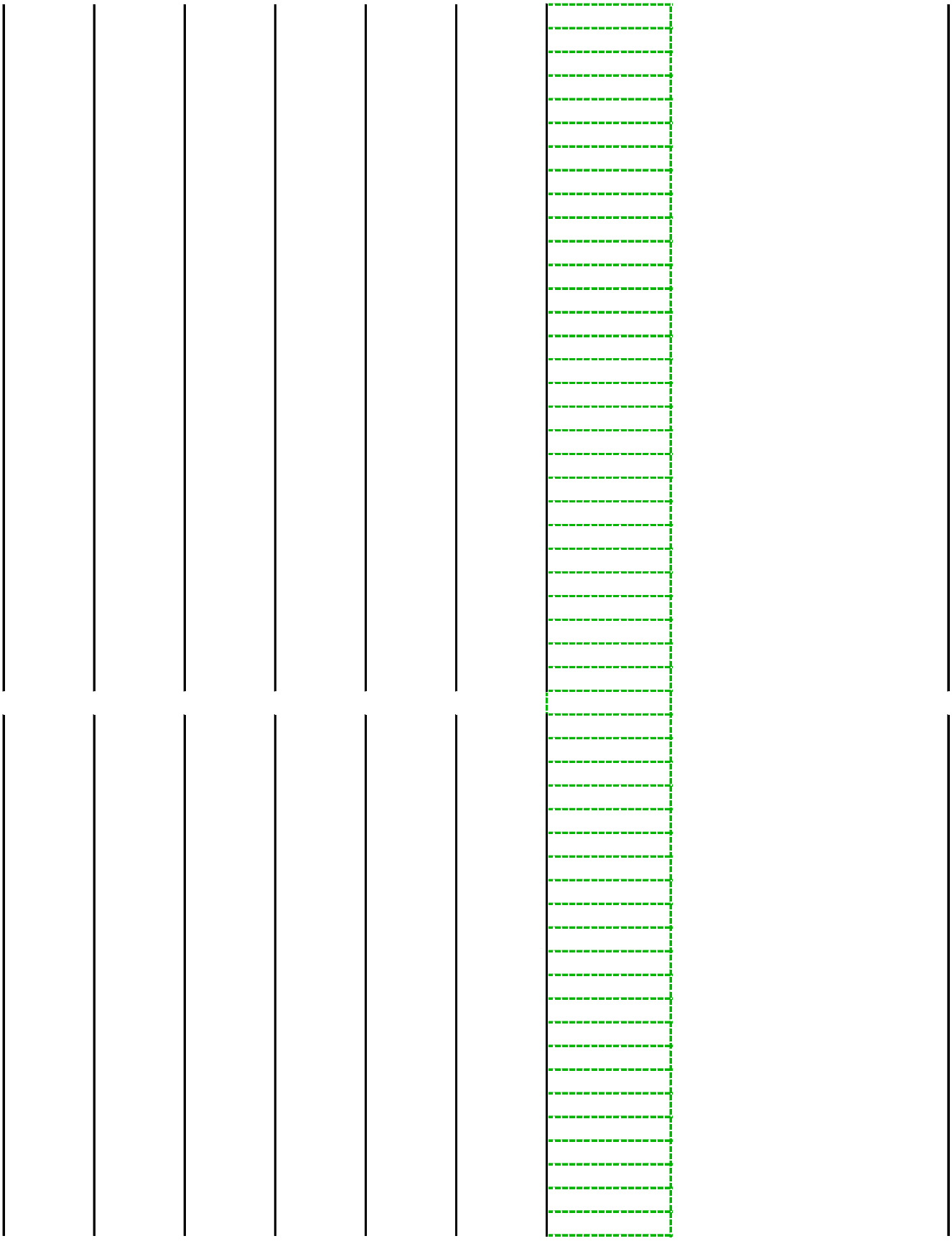


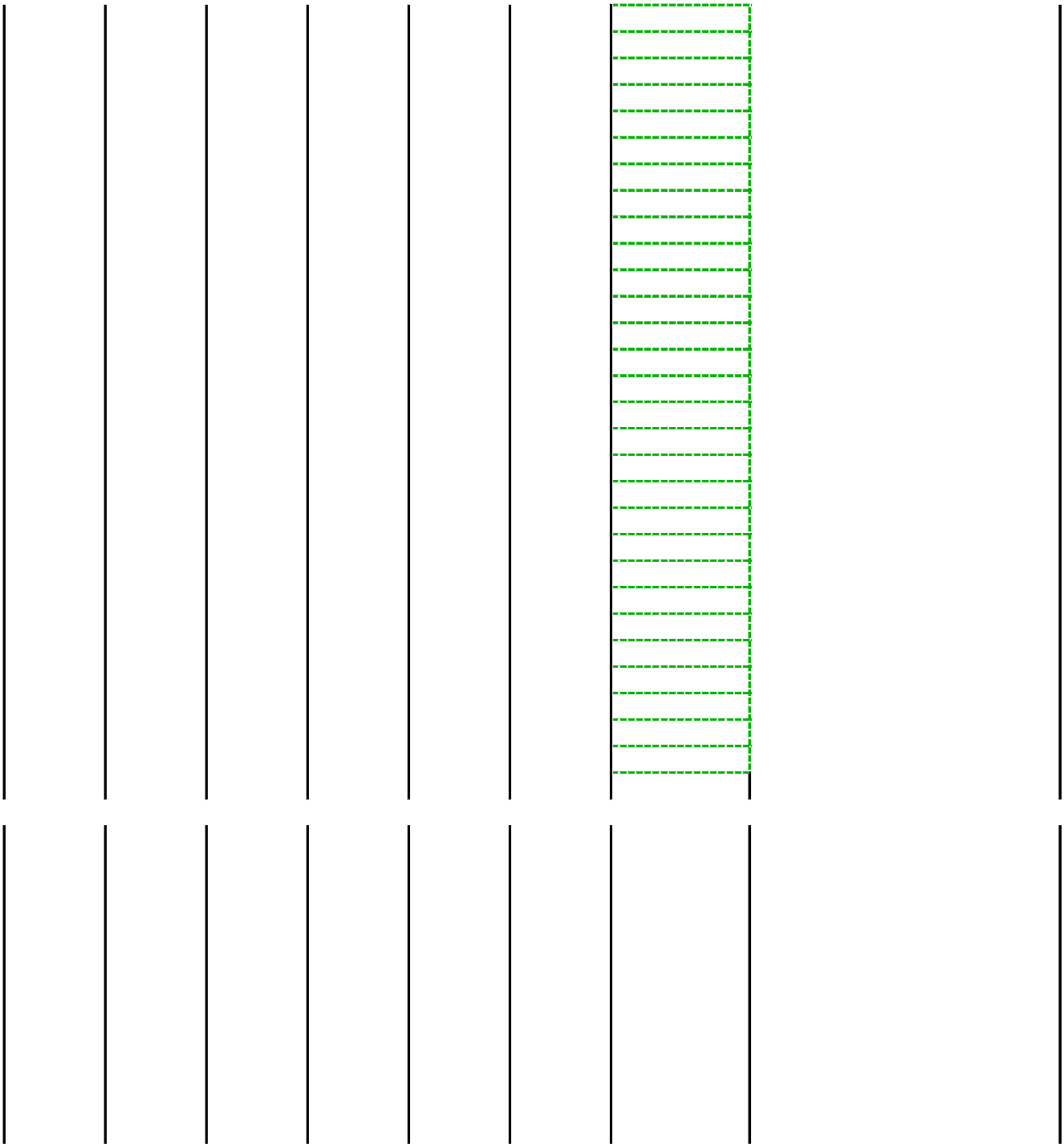












Non-Electric Benefits				
Savings from Fuel Type #1 (MMBtu/Year)	**Fossil Fuel Type #2** (Dropdown)	**Savings from Fuel Type #2 (MMBtu/Year)**	**Fossil Fuel Type #3** (Dropdown)	**Savings from Fuel Type #3 (MMBtu/Year)**
18.00				
0.16				
0.63				
40.00				
-				
-				
-				
-				
-				
0.63				
3.00				
-				
-				
-				
-				
-				
-				
-				
-				
-				
40.00				
15.00				
3.50				
5.80				
-				
-				
26.00				
3.50				
-				
15.75				
3.00				
-				
-				
0.90				
-				
-				
-				
-				
12.00				
0.16				
0.63				
25.00				

-					
-					
-					
-					
-					
0.63					
4.00					
-					
-					
-					
-					
-					
-					
-					
-					
-					
12.10					
-					
3.50					
5.80					
-					
11.40					
7.00					
2.90					
8.00					
5.10					
12.10					
14.80					
9.80					
10.30					
7.70					
3.50					
4.00					
8.40					
12.80					
7.00					
3.00					
10.20					
7.30					
5.80					
5.80					
-					
-					
-					
-					
0.52					
-					
78.57					
700.00					
550.00					
1,500.00					
1.70					

0.33
2.65
5.25
11.40
35.50
-
219.38
6.30
8.40
3.50
9.86
-
-
-
-
-
-
-
-
78.57
600.00
570.00
-
165.30
94.50
51.40
28.00
14.70
17.70
30.50
15.10
40.90
5.70
6.70
12.00
1.70
0.33
2.65
11.40
112.10
33.80
154.30
78.30
37.90
211.30
370.70
-
-
-
-
-
-

-
-
-
29.65
110.42
35.70
88.40
77.13
37.33
11.23
208.13
365.14
18.72
8.77
254.43
-
-
120.00
500.00
-
70.00
1.70
0.33
2.65
0.21
11.40
35.50
-
-
0.21
8.40
3.50
-
-
-
-
-
-
-
-
42.63
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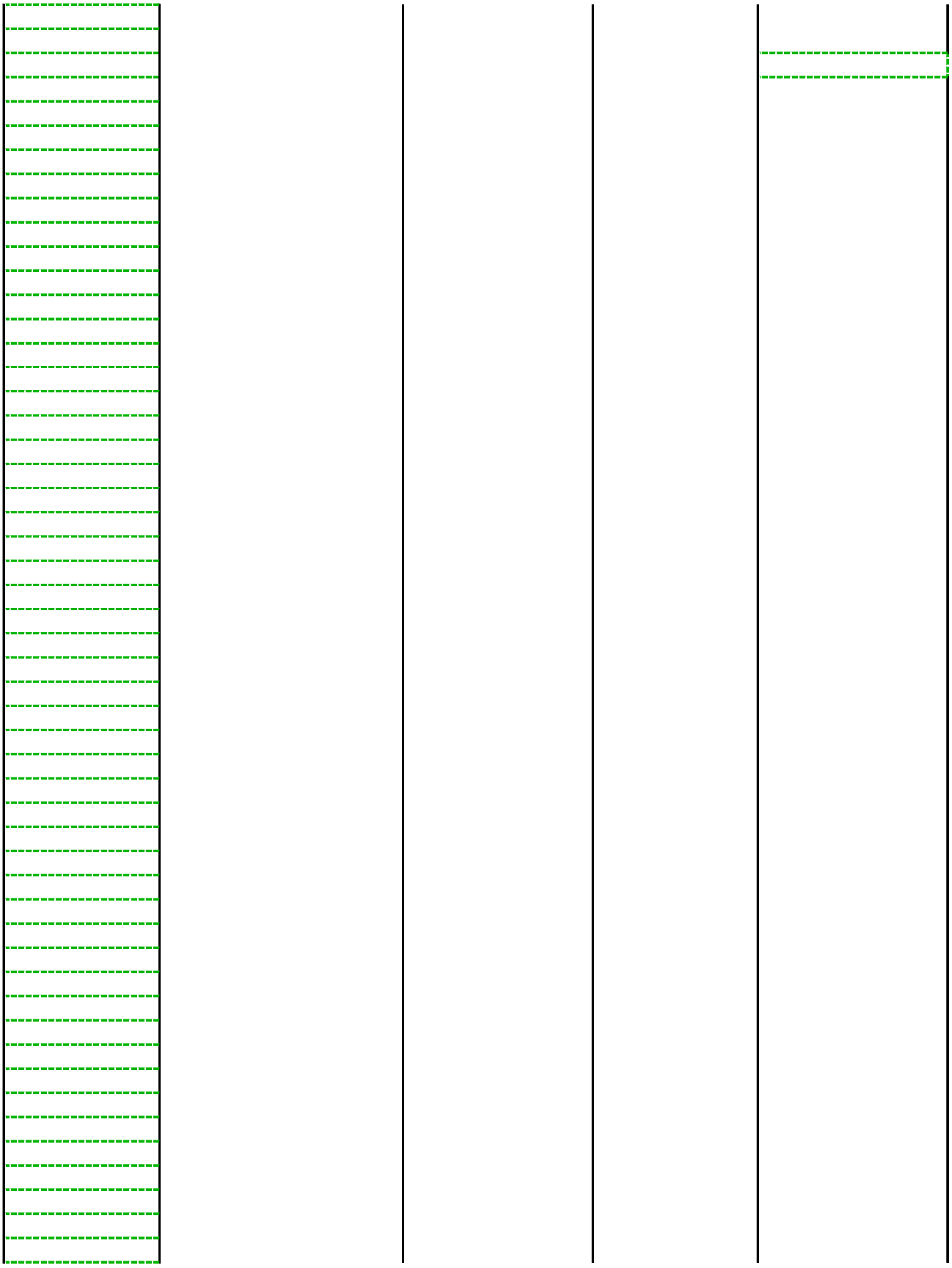
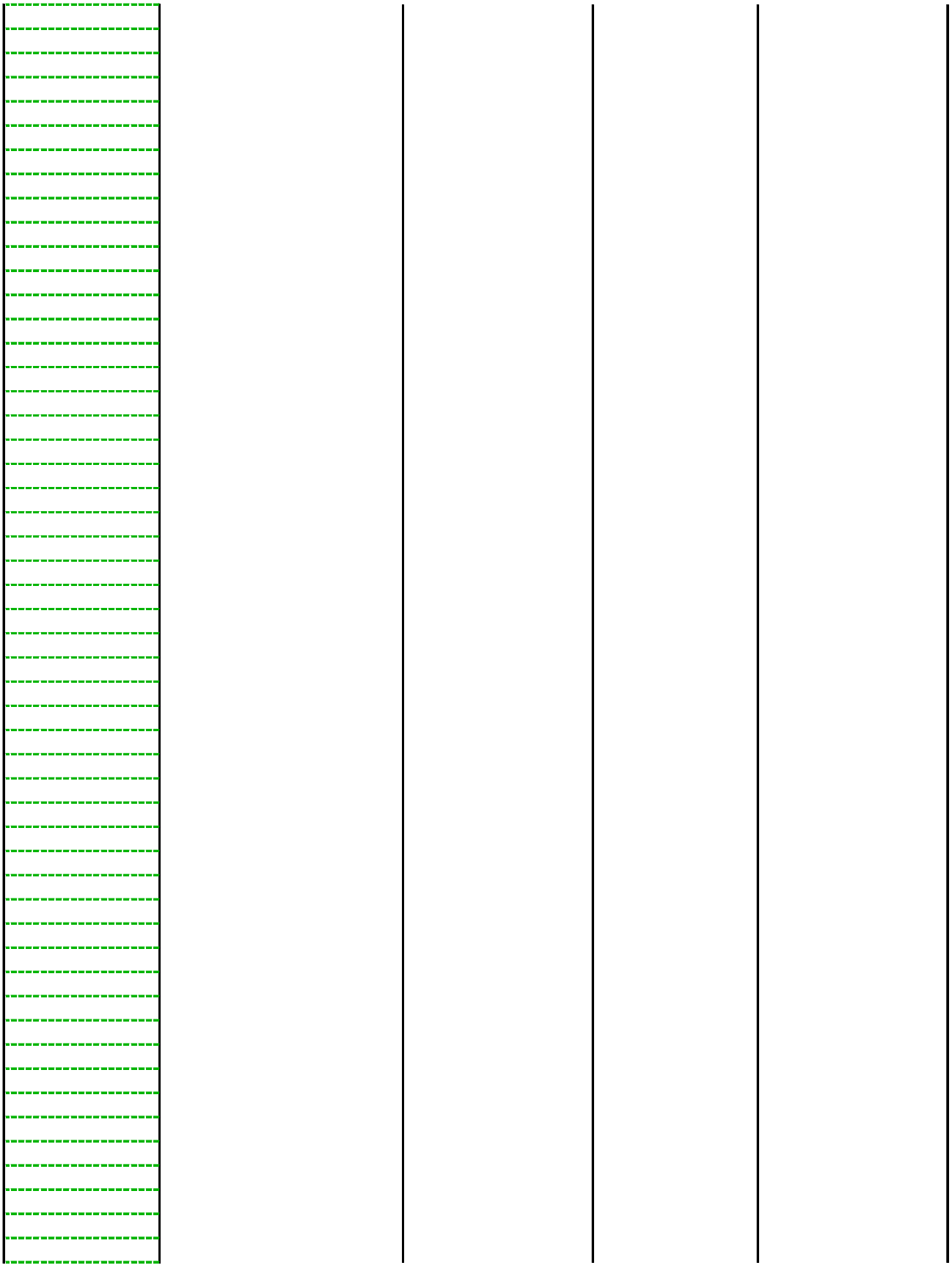
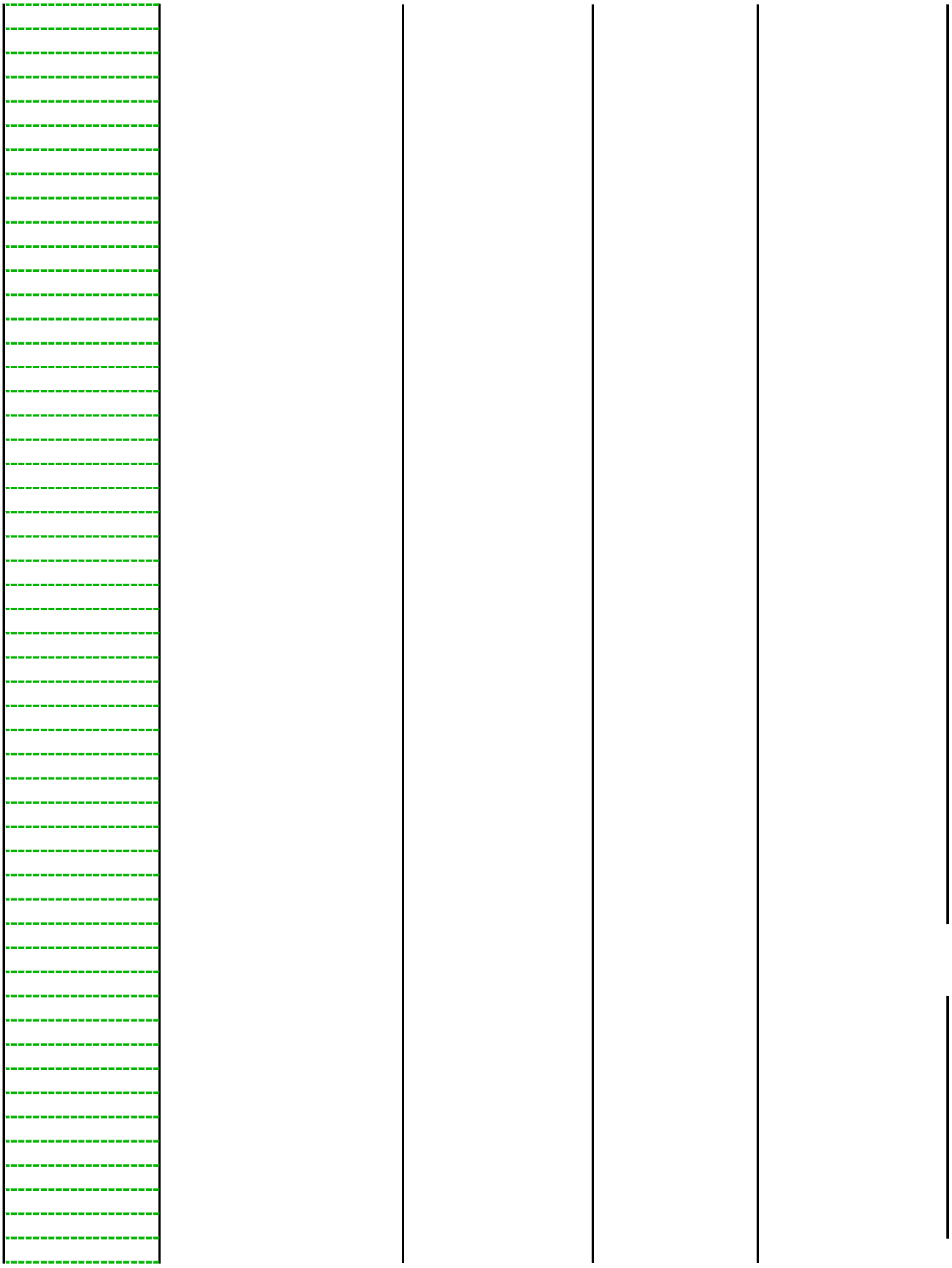
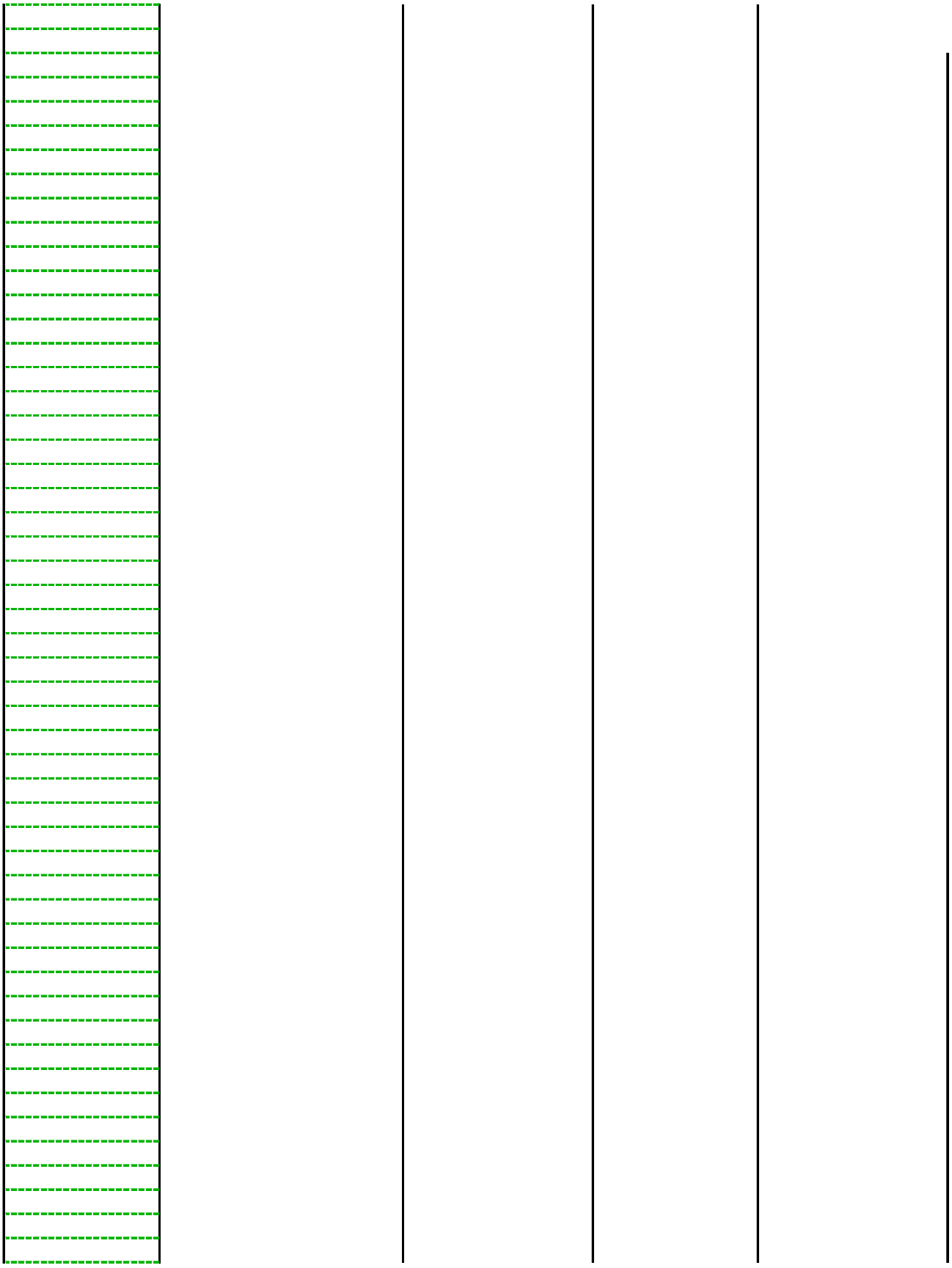
51.40
28.00
14.70
17.70
30.50

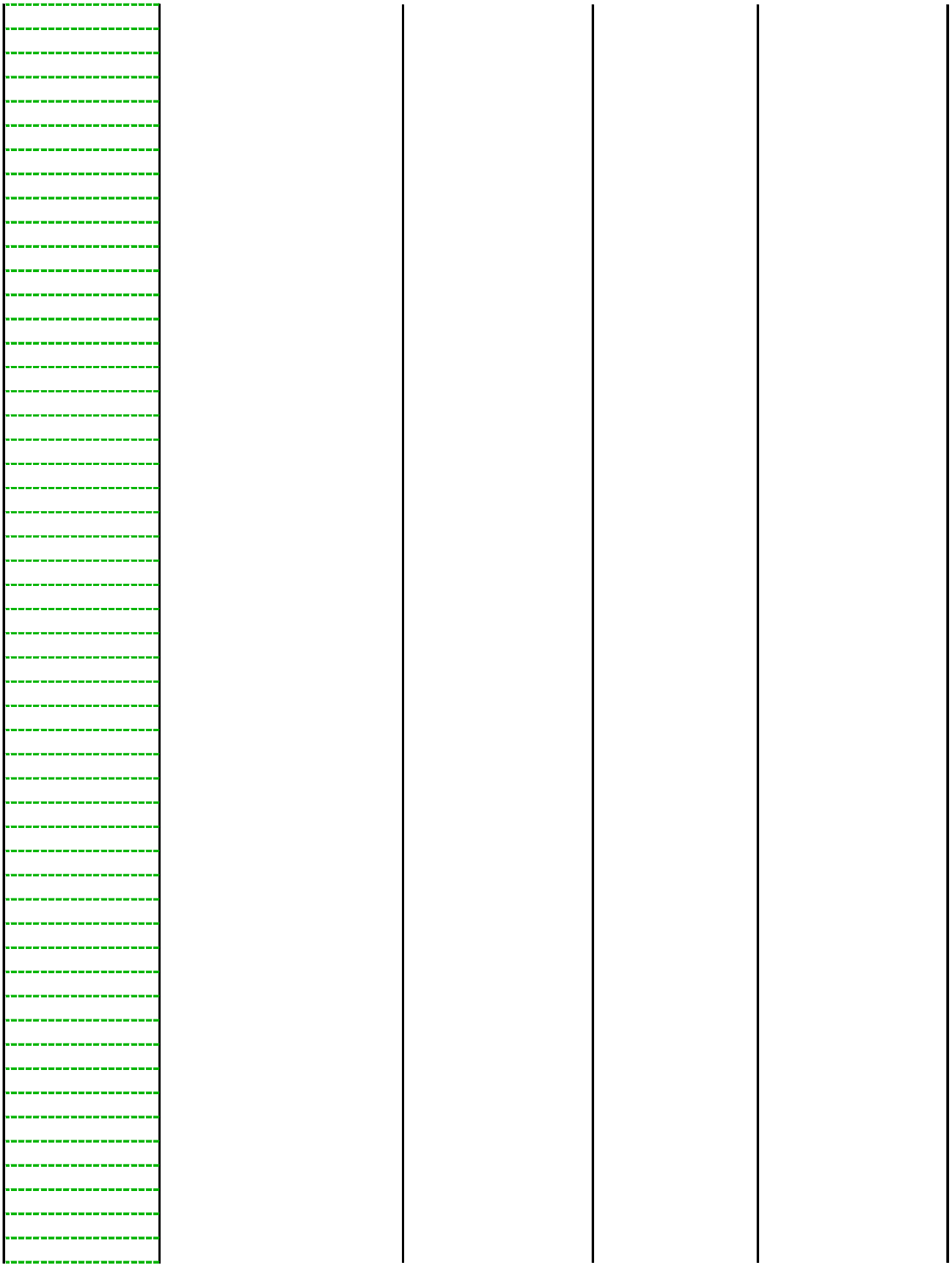
| | | |

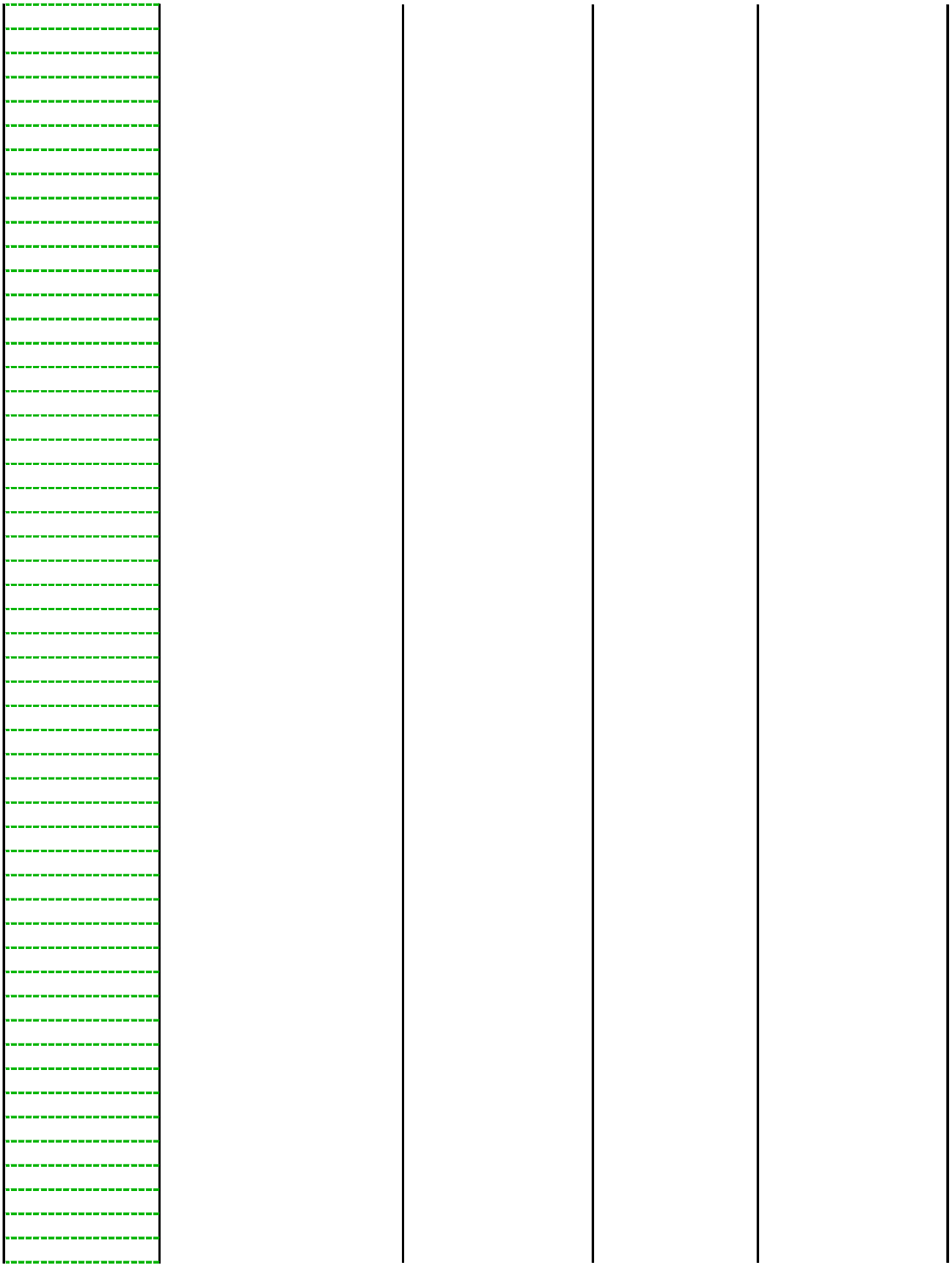


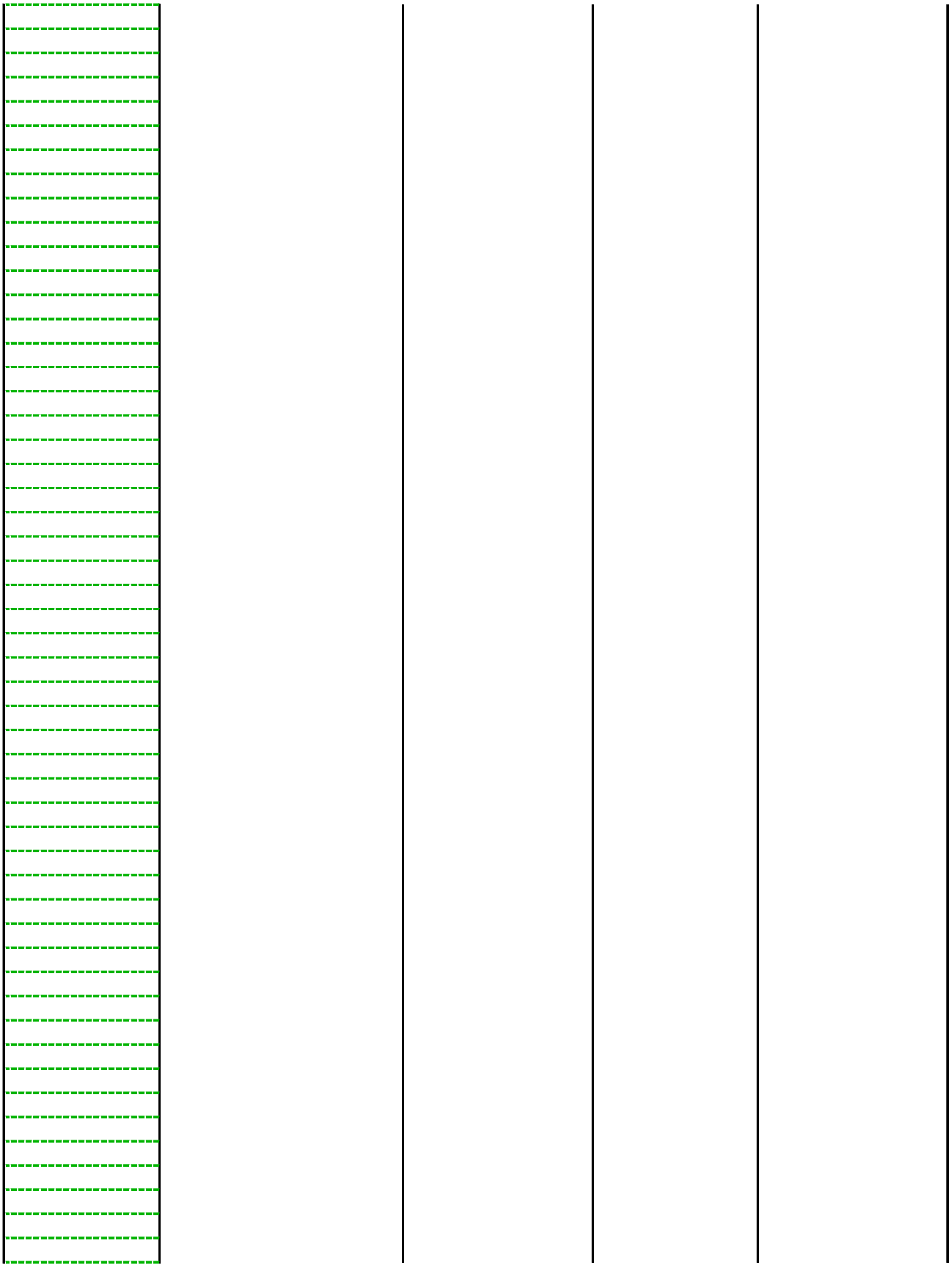


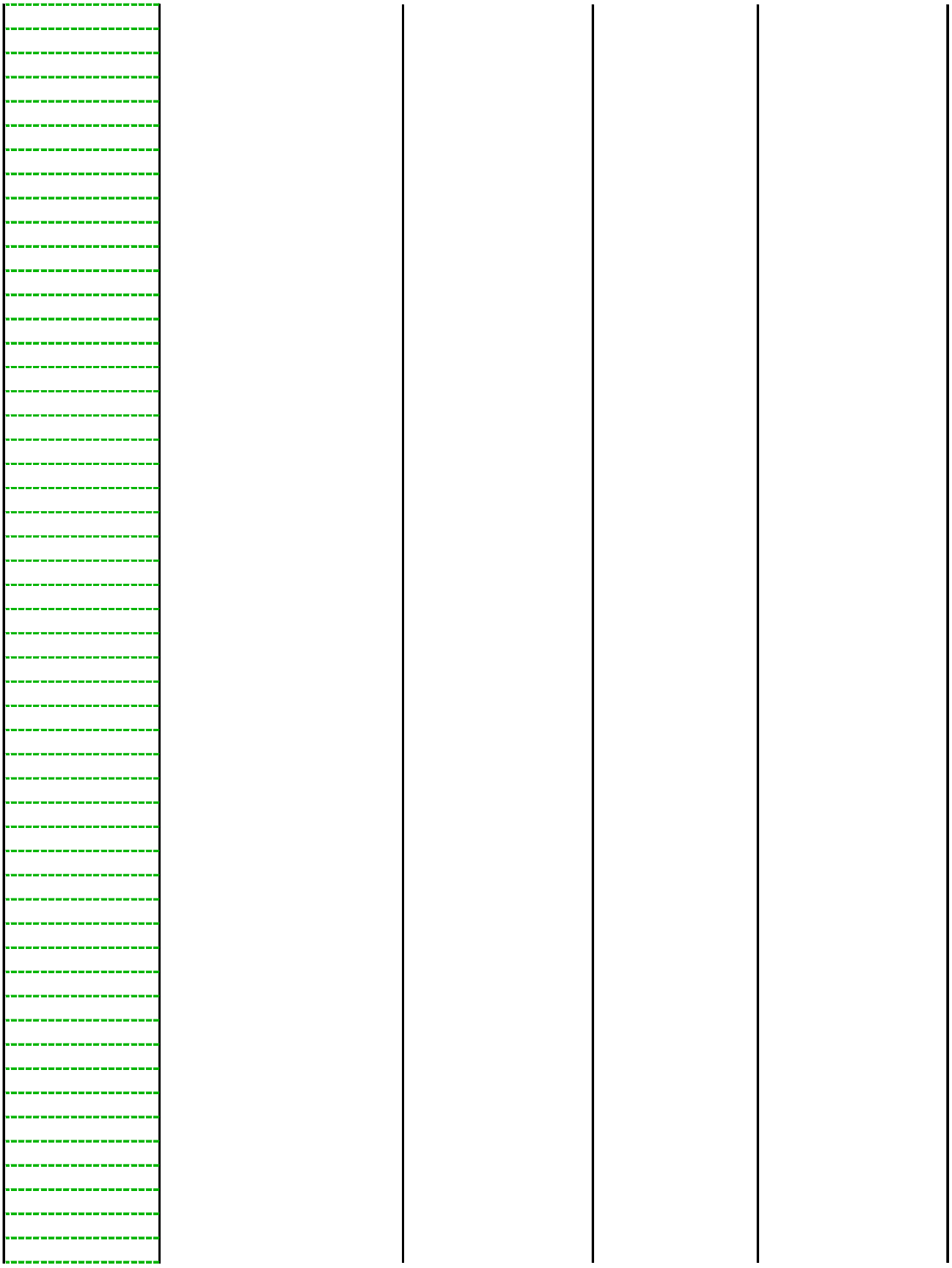


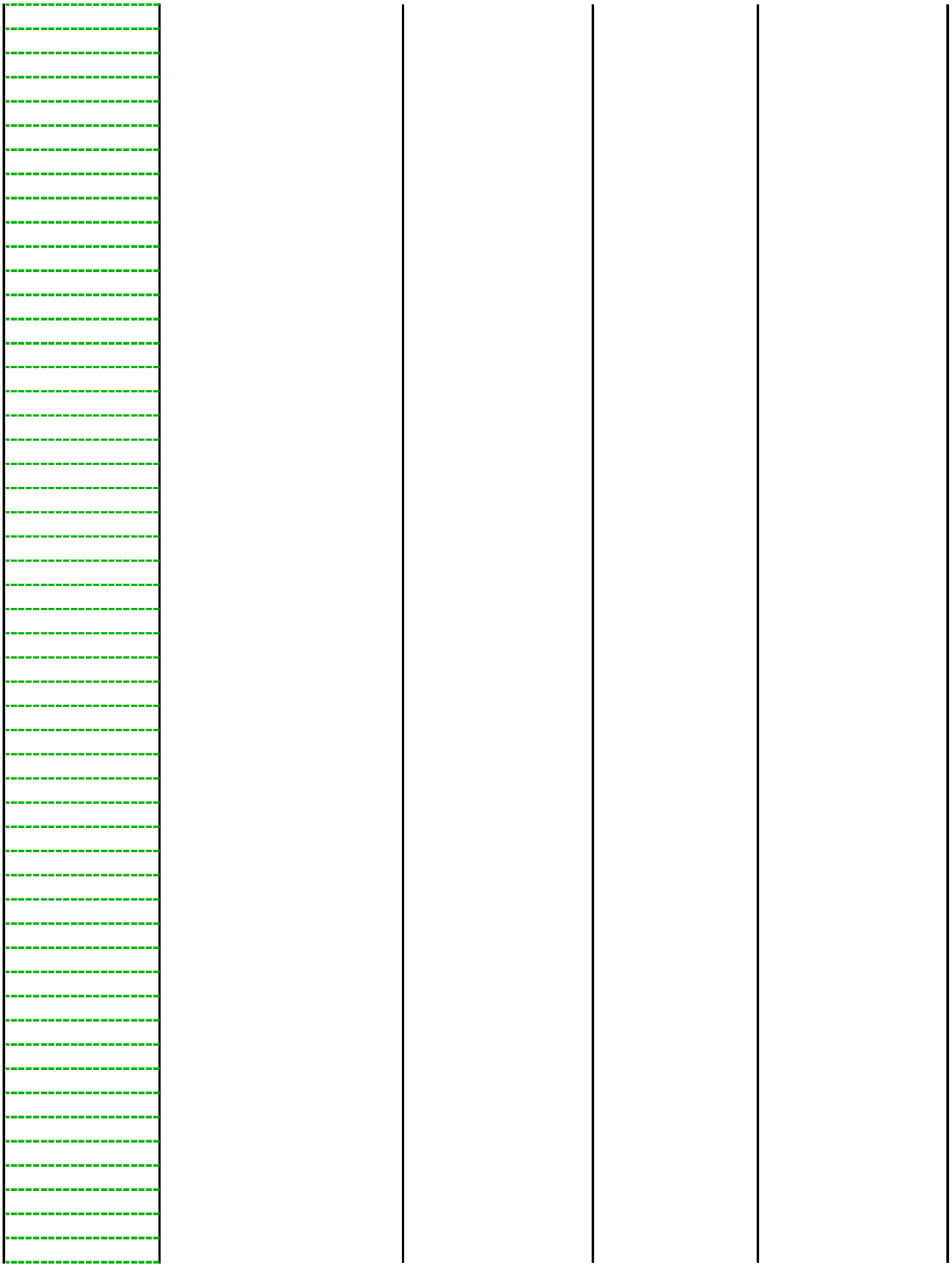


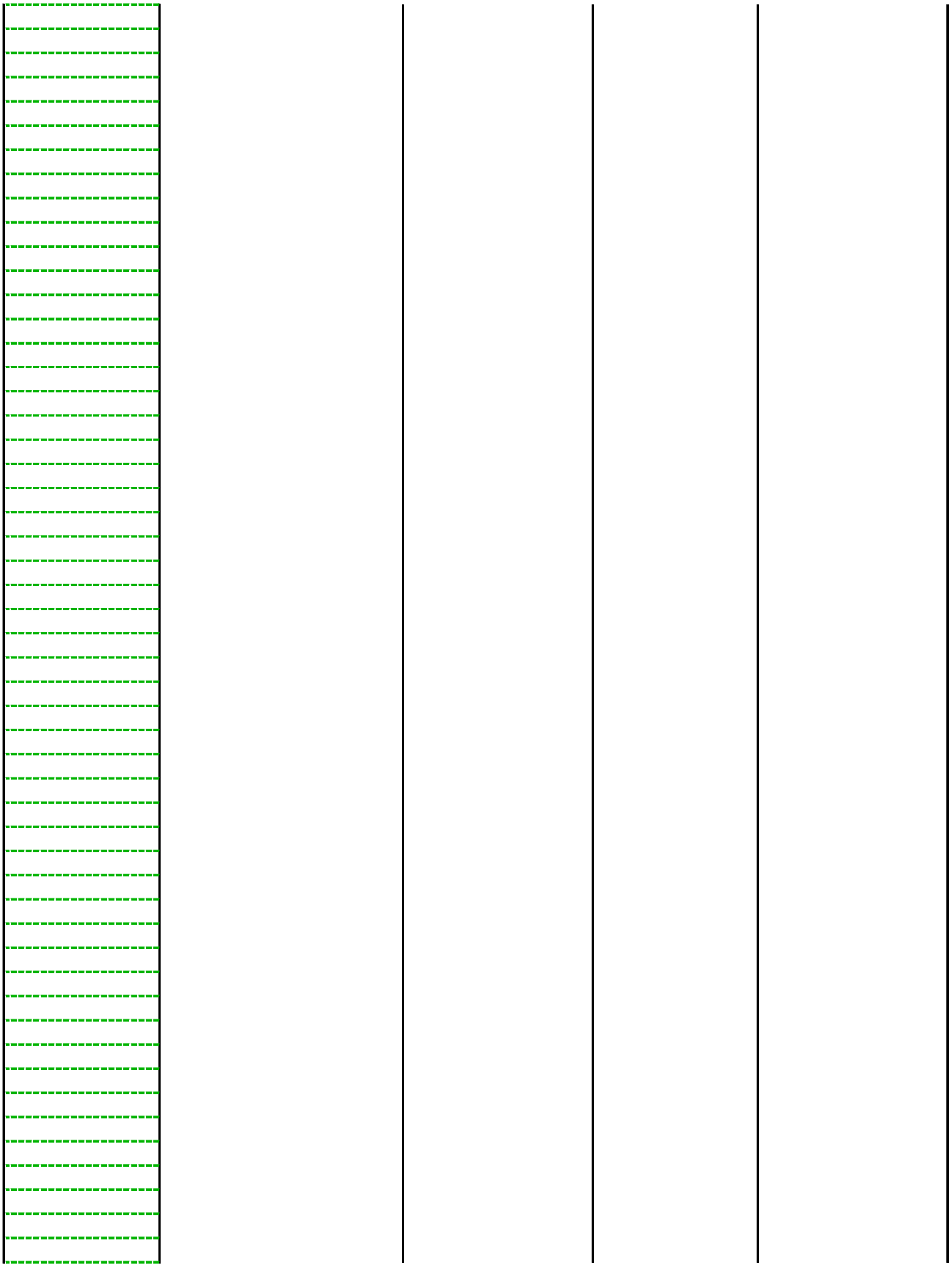


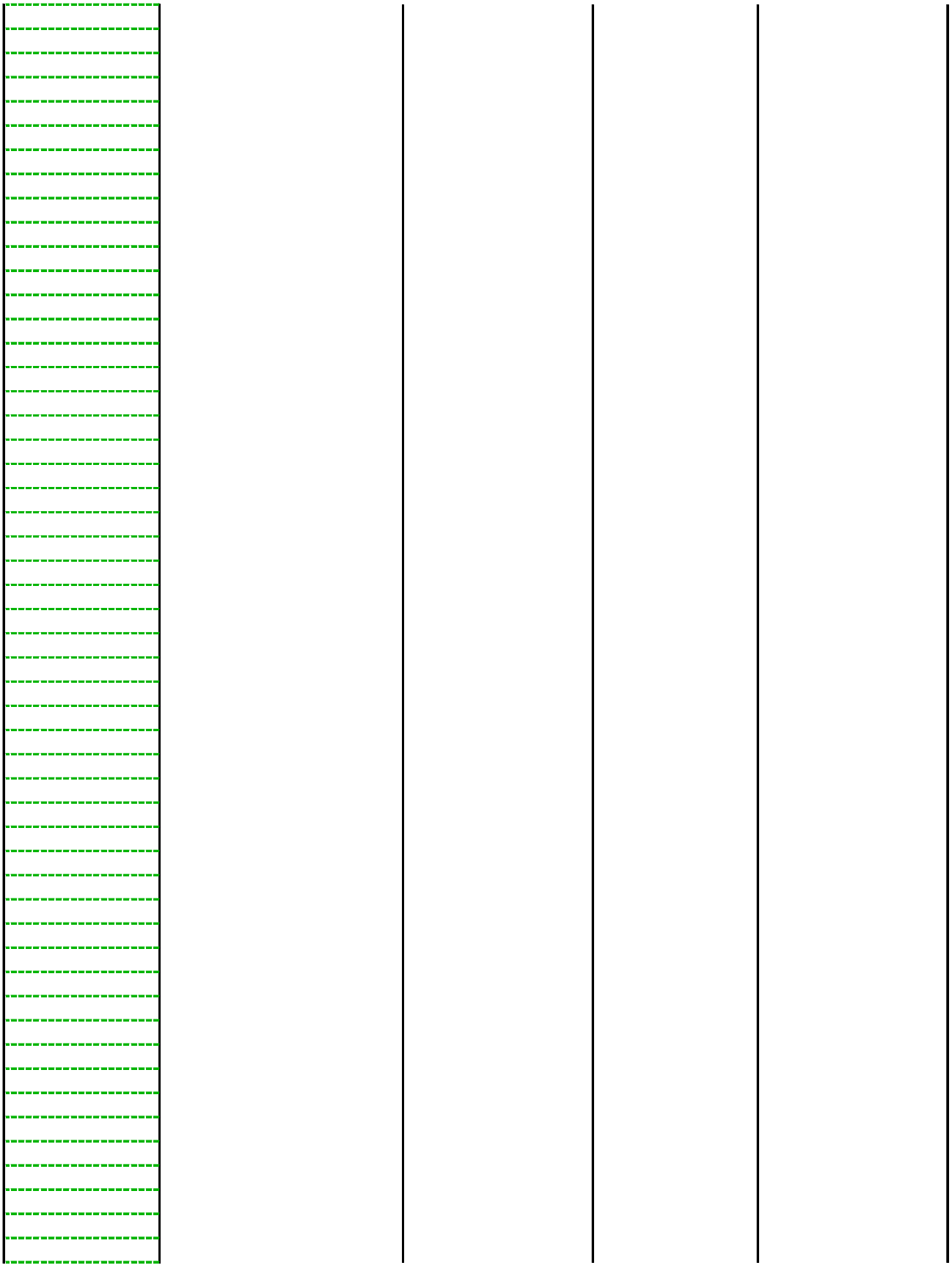


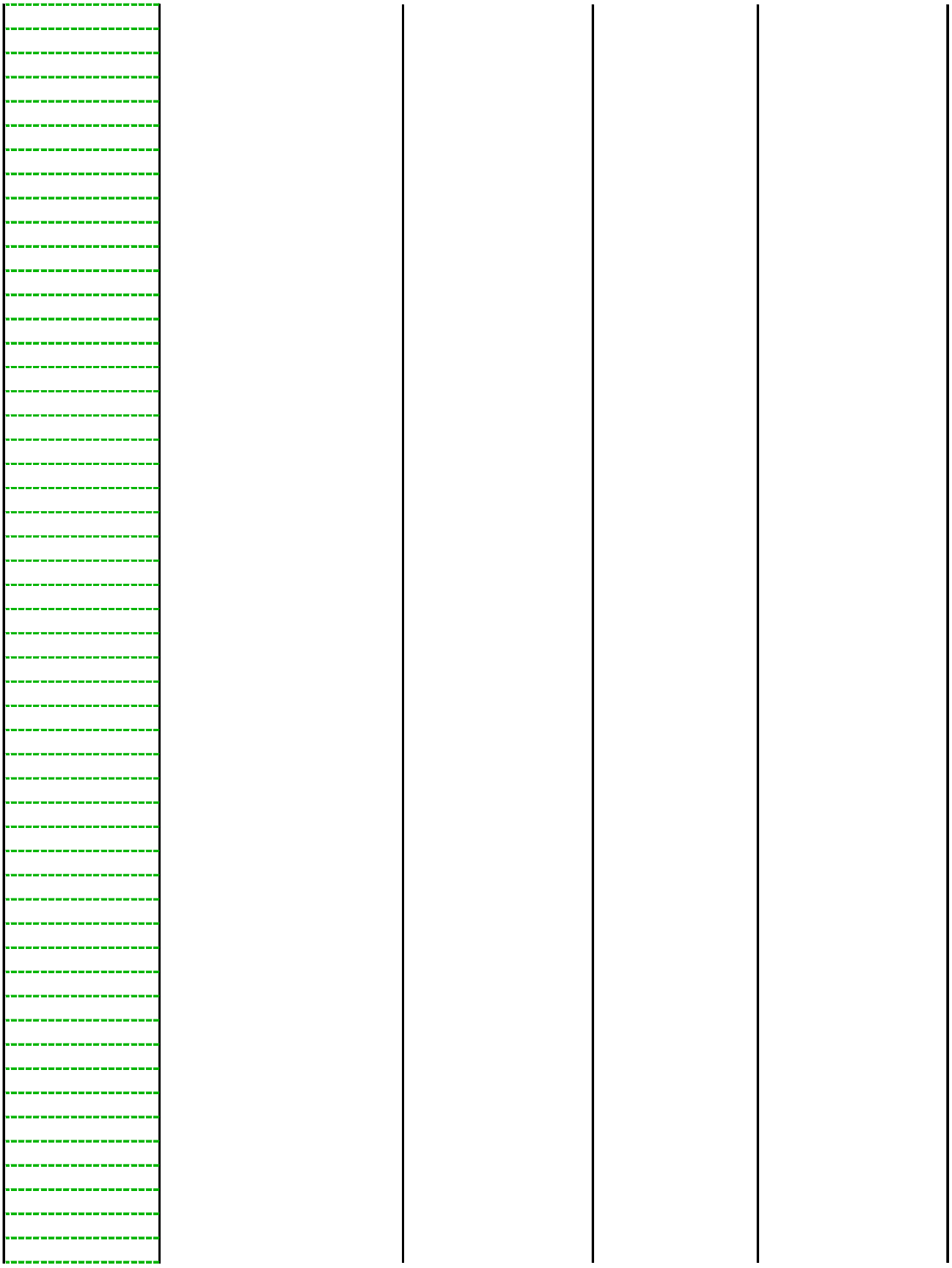


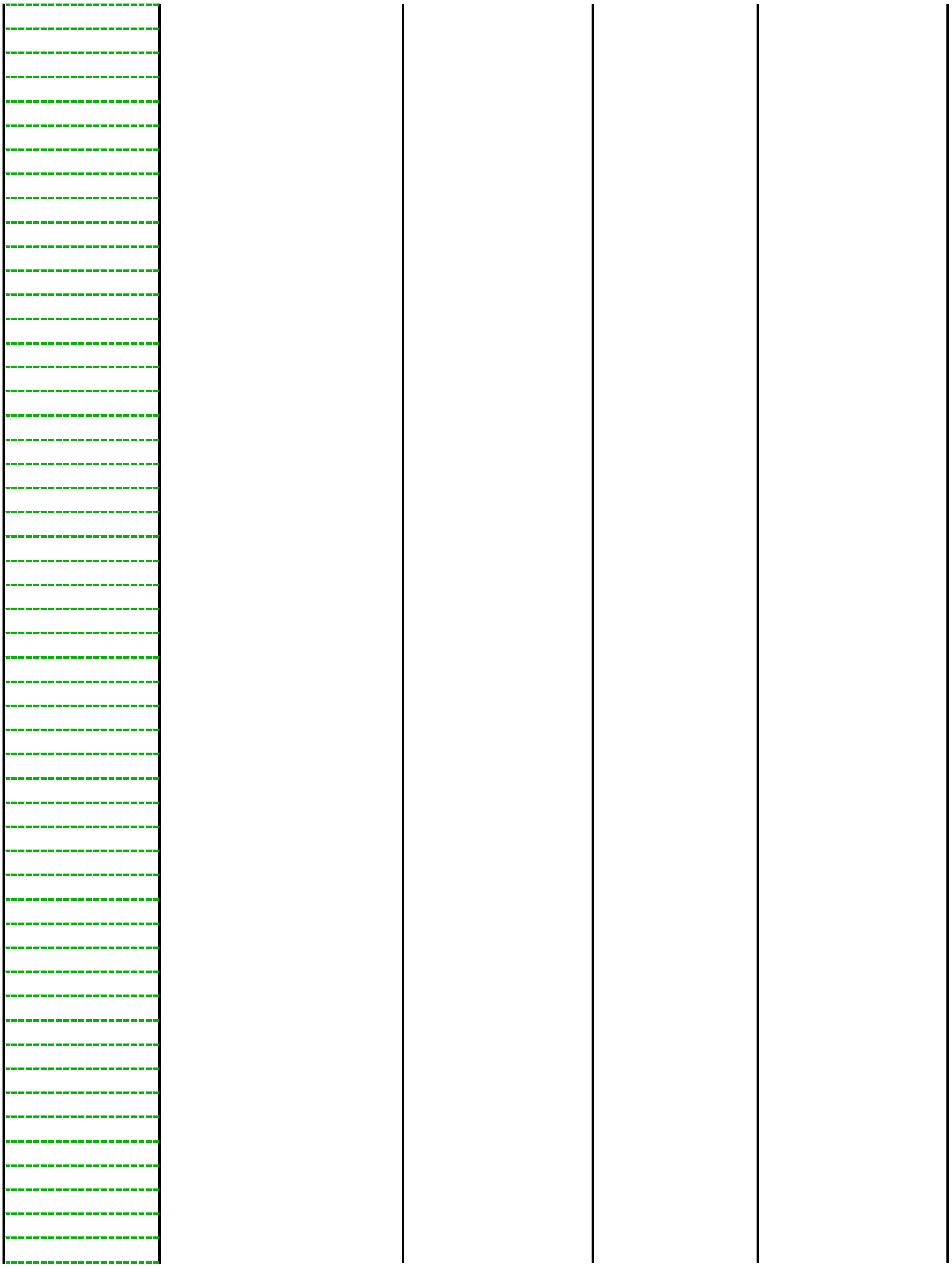


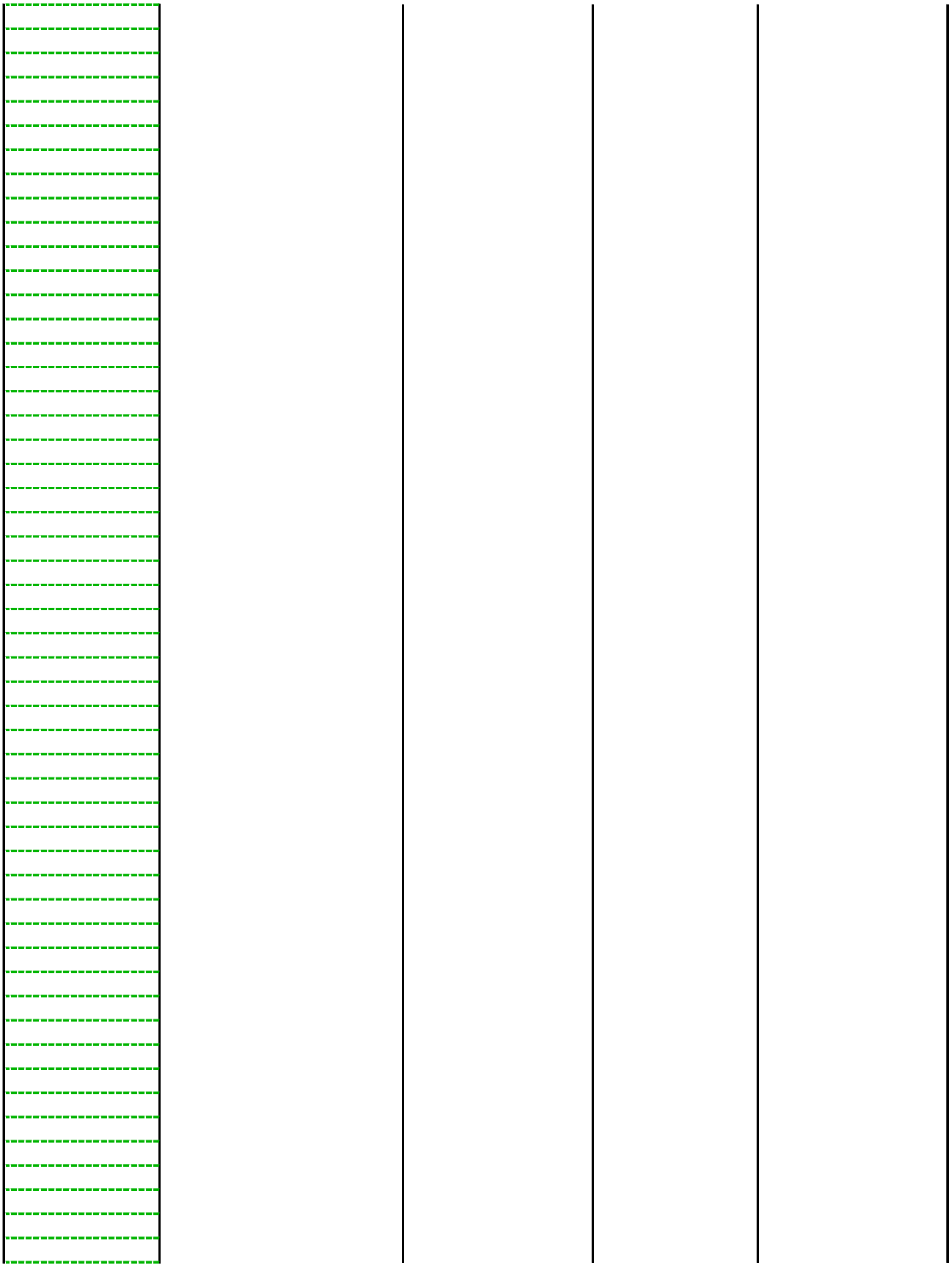


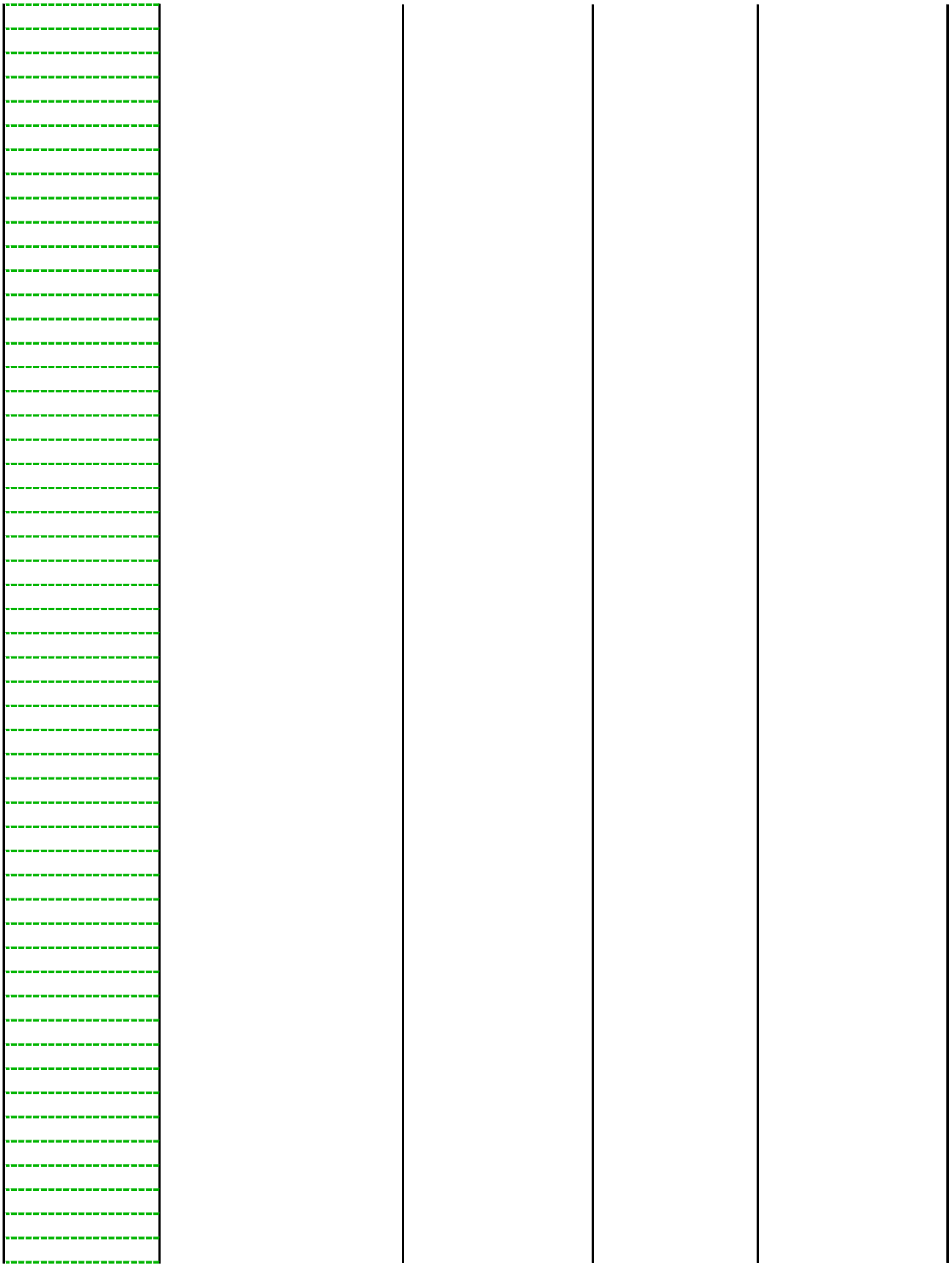


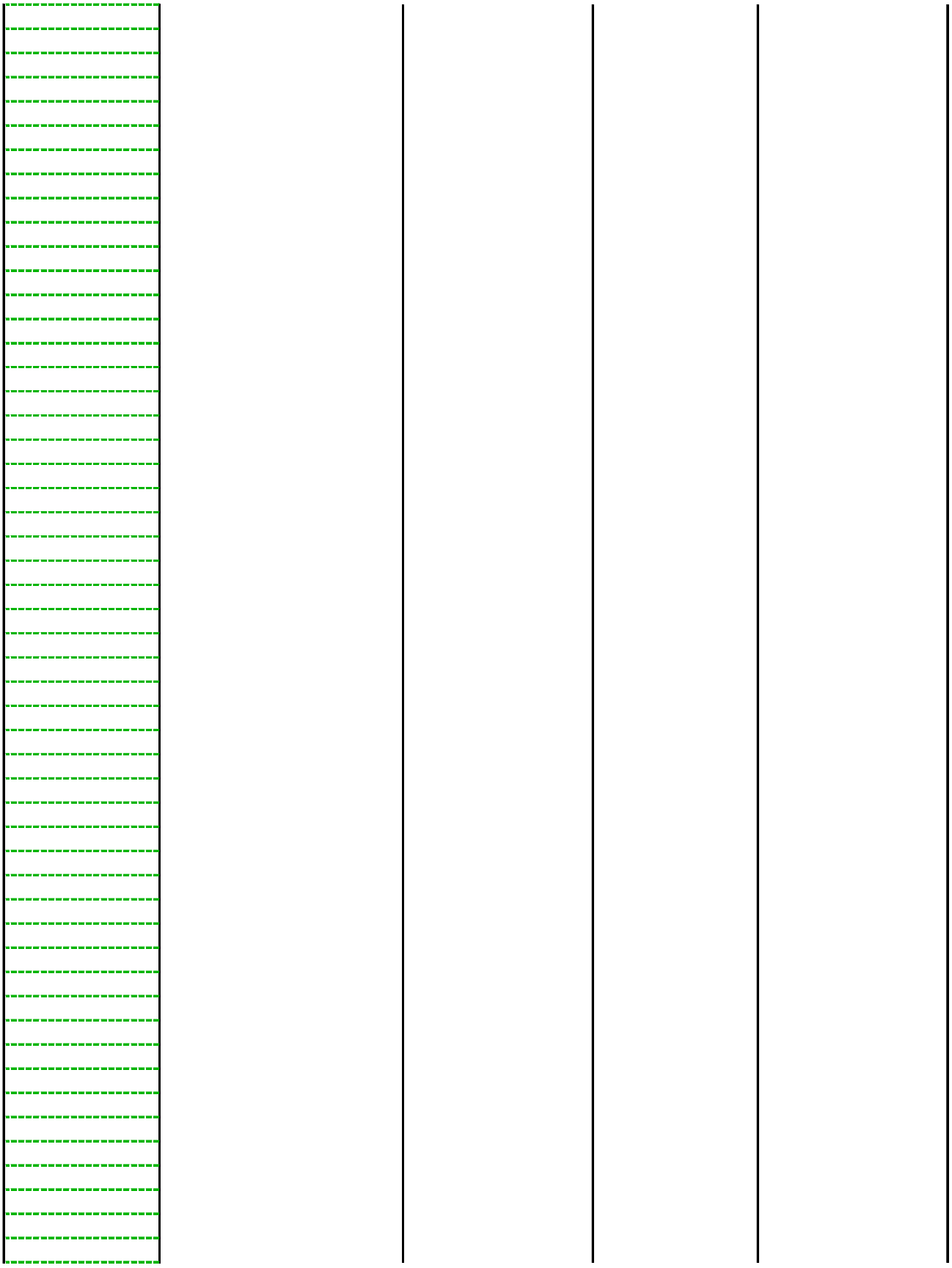


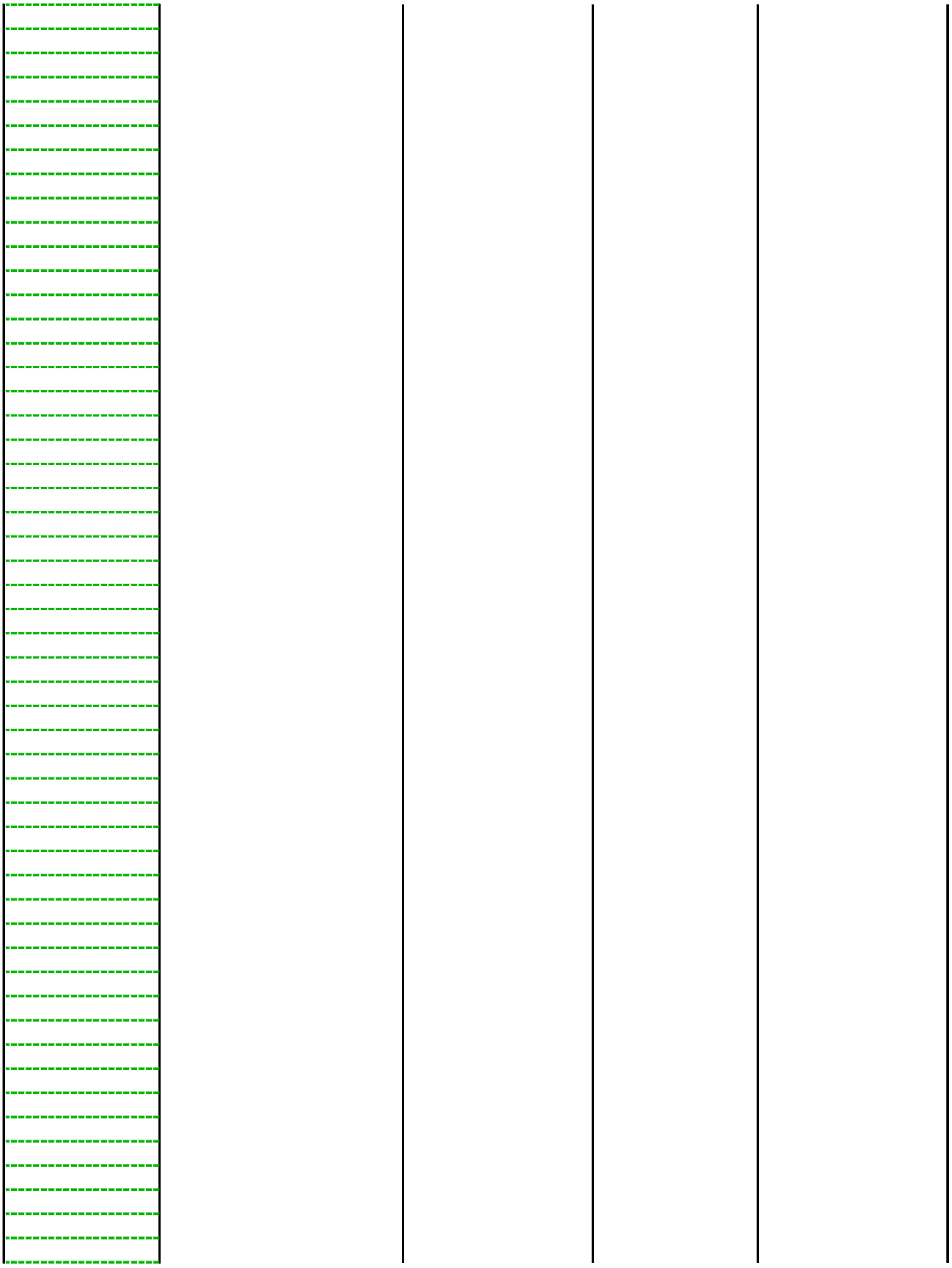


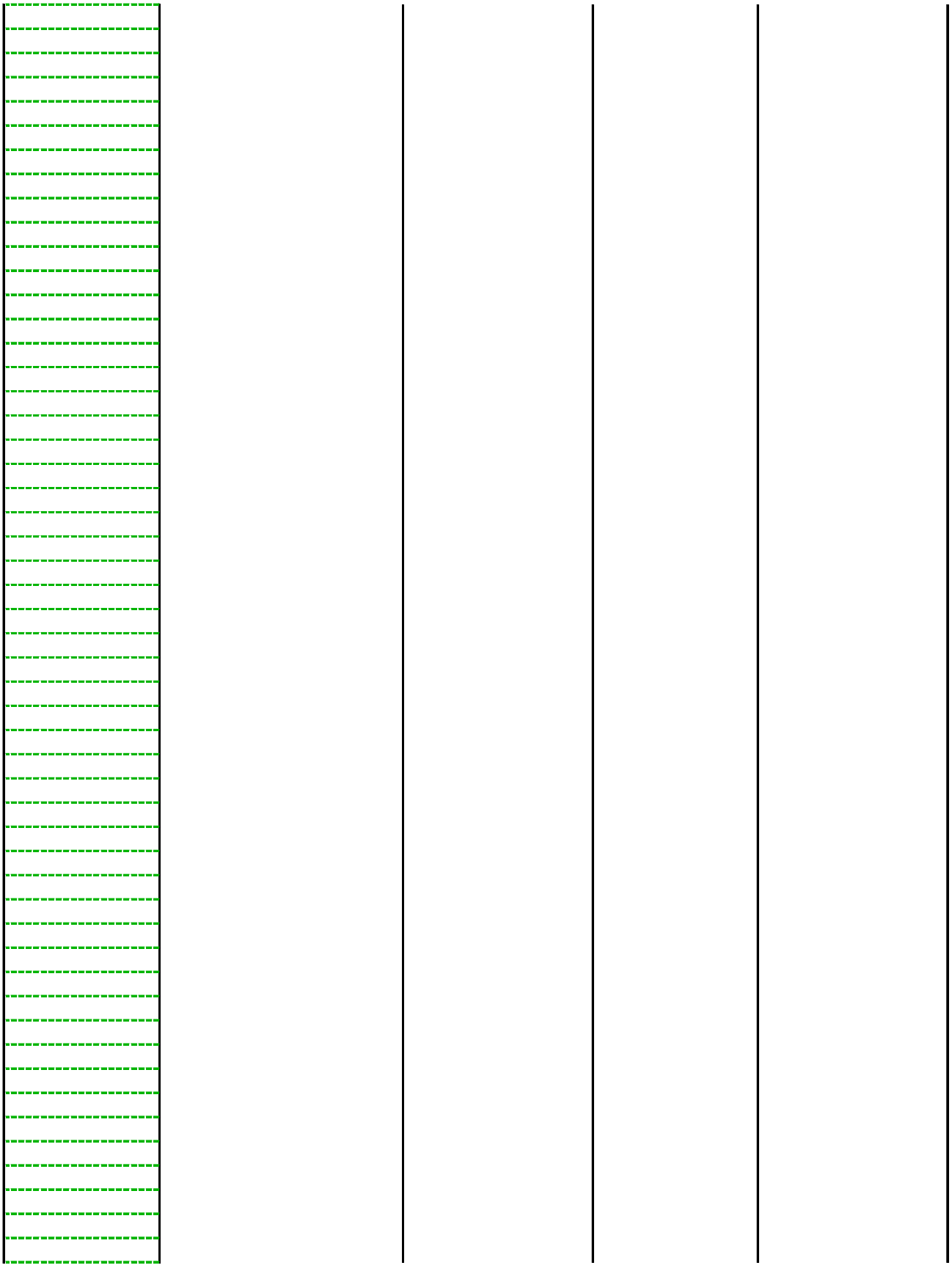


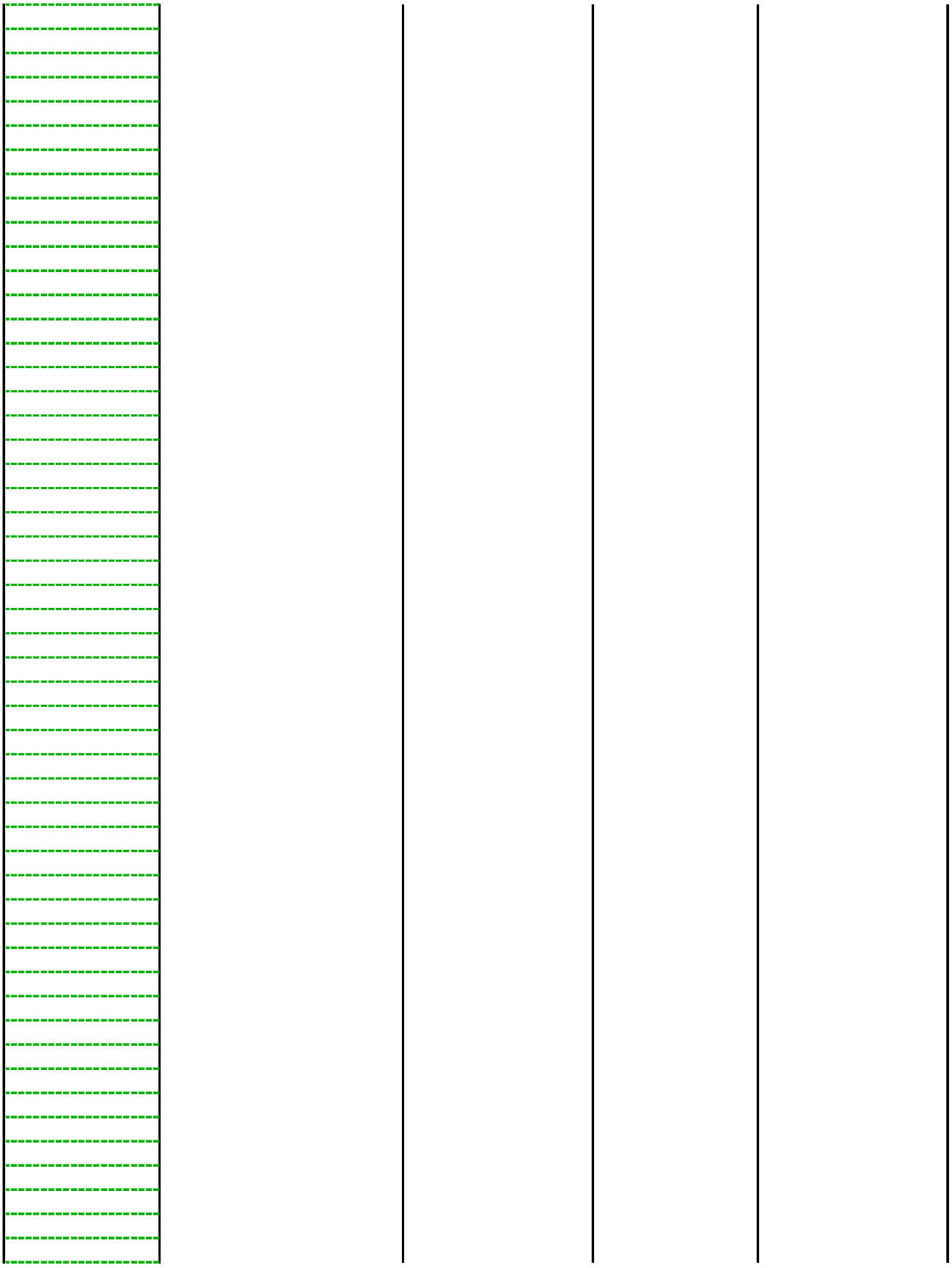


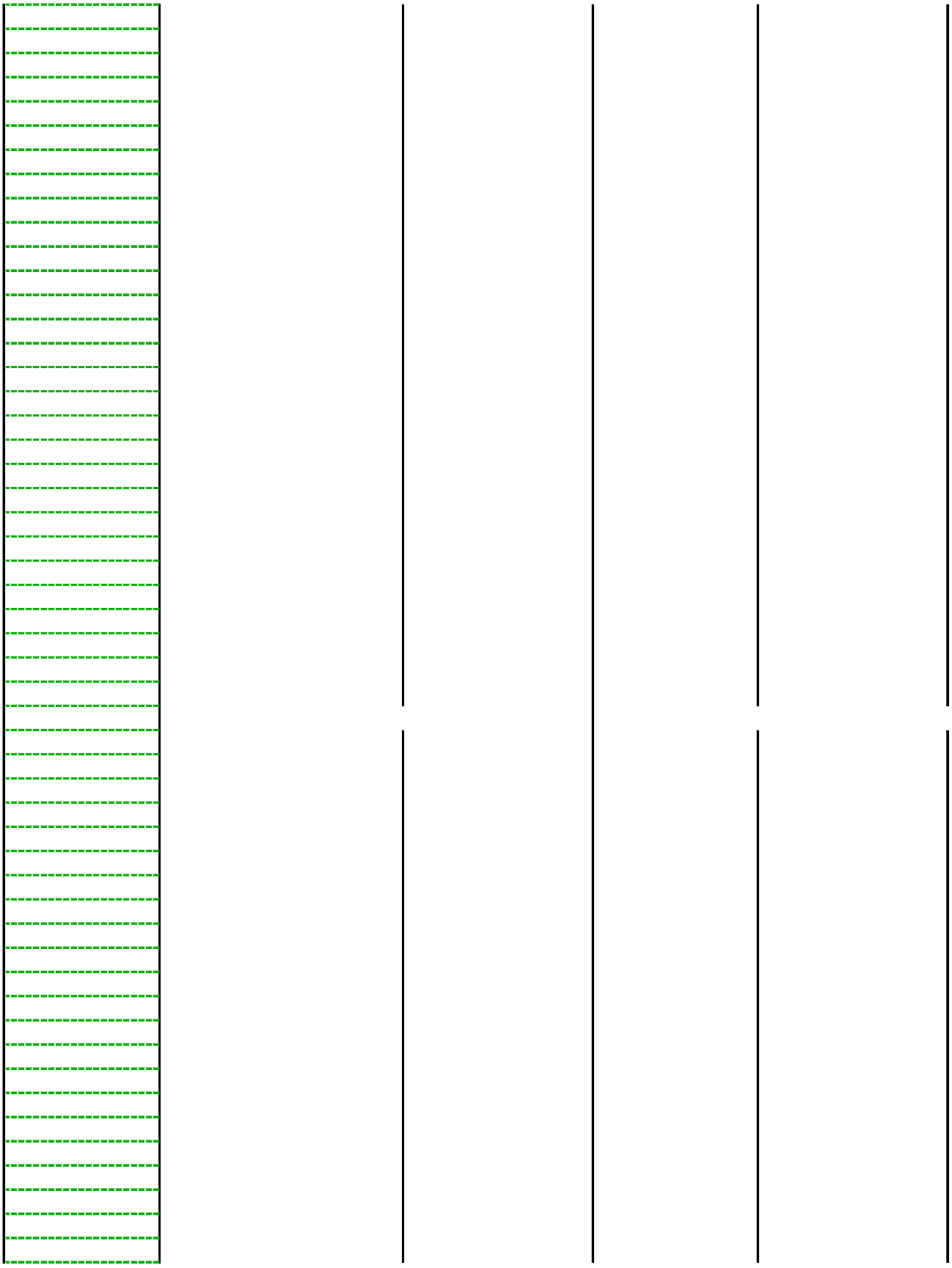


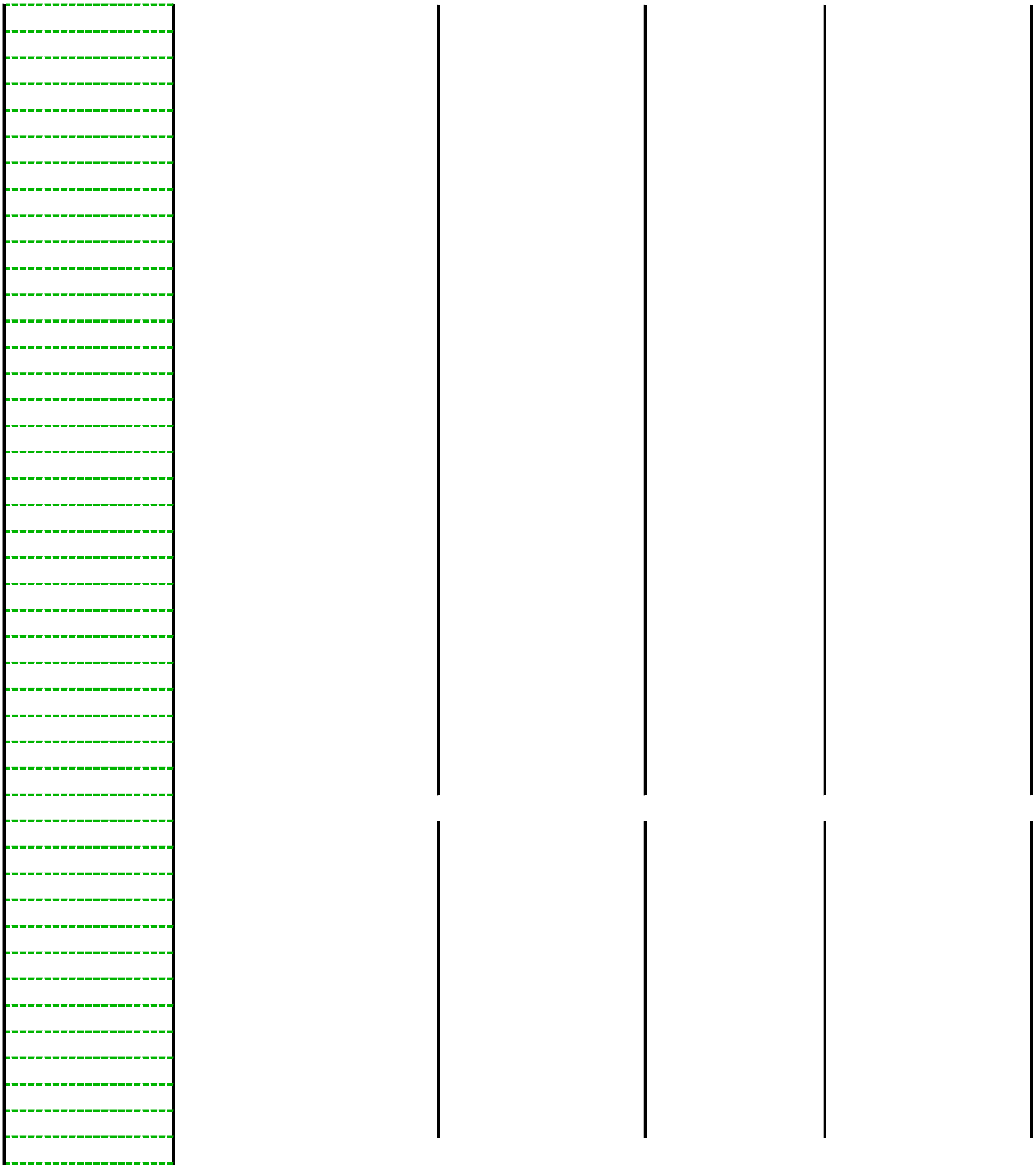












Res Water Savings (Gallons per Year)	C&I Water Savings (Gallons per Year)
-	-
586	-
1,246	-
-	-
-	-
-	-
-	-
-	-
-	-
1,164	-
-	-
-	-
-	-
-	-
-	-
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-	-
-	-
2,244	-
-	-
-	-
-	-
-	-
-	-
586	-
1,246	-
-	-

Checks

Savings Costs

-	-
-	-
-	-
-	-
-	-
1,164	-
-	-
-	-
-	-
-

-	558
-	7,300
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-	6,410
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-	-
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-	5,460
-	558
-	7,300
-	6,410
-	65,700
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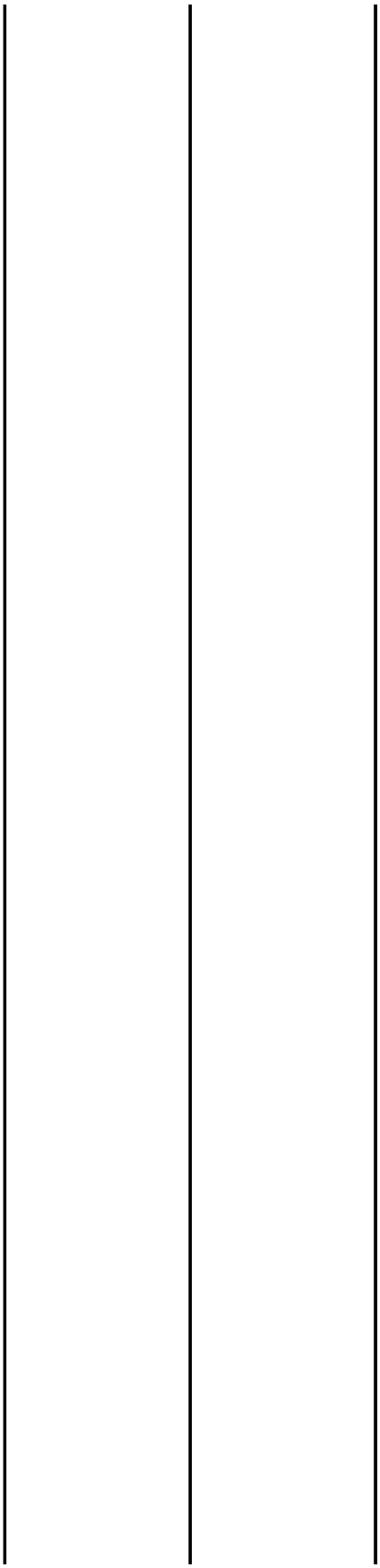
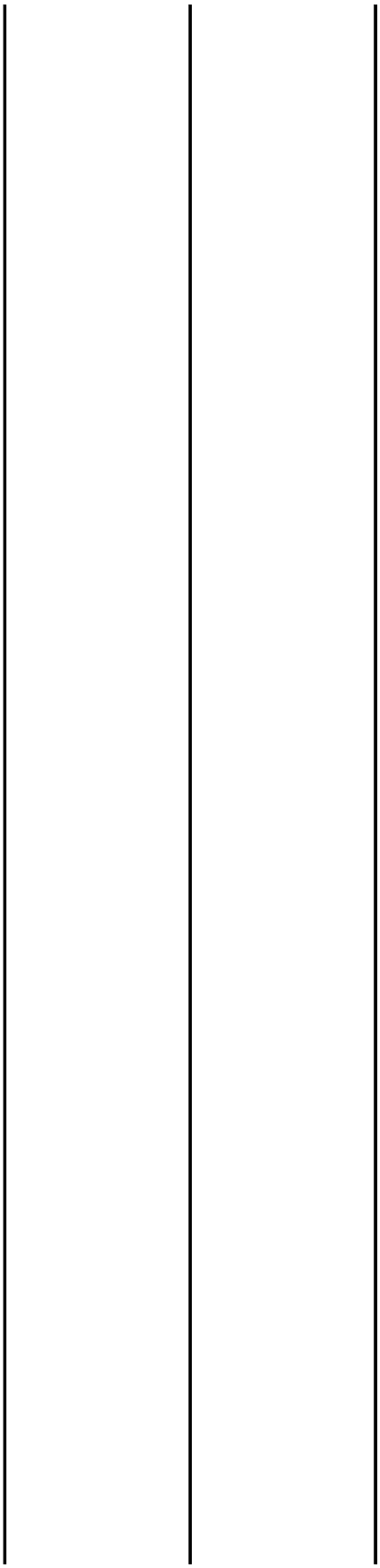
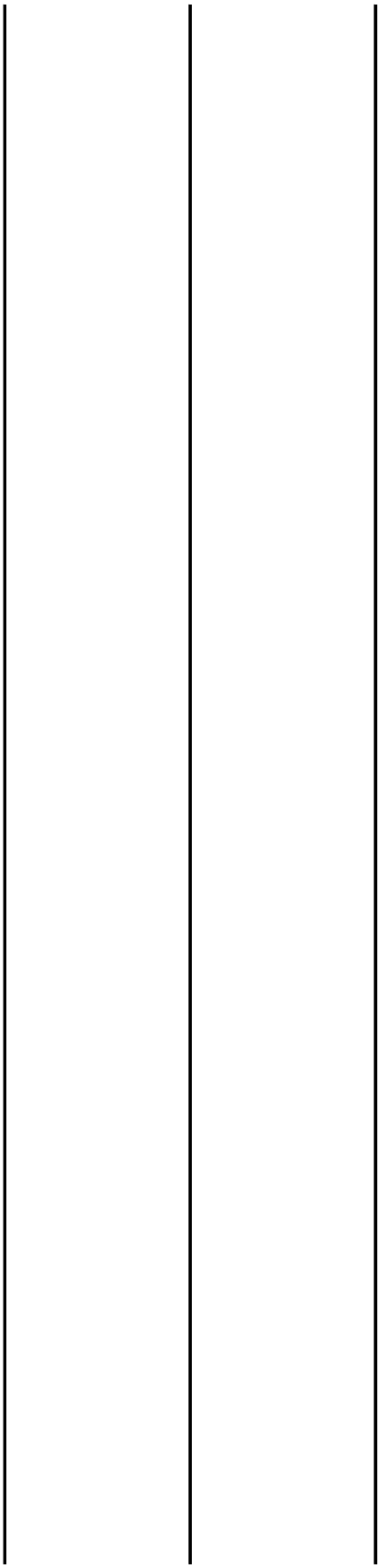
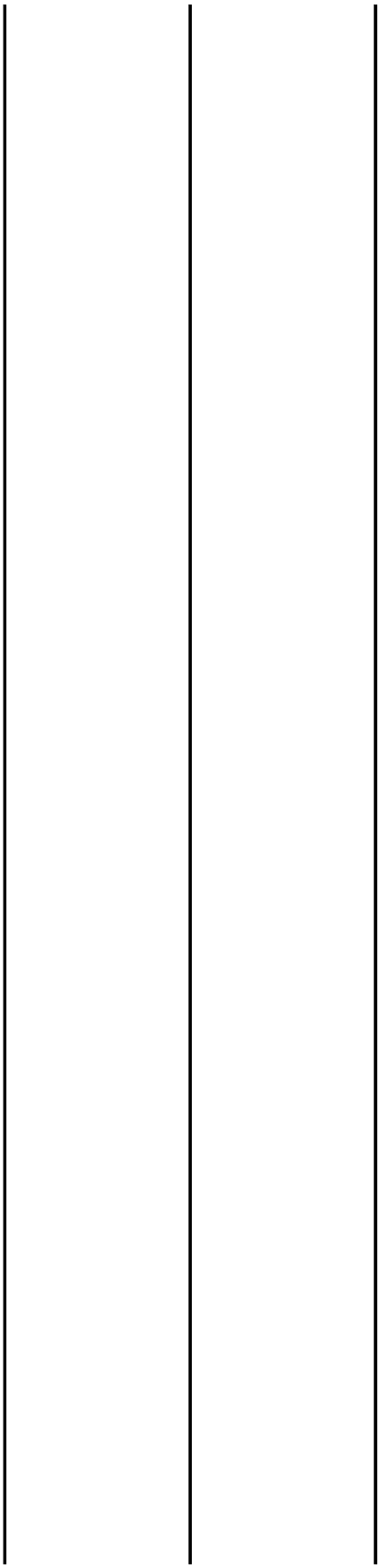
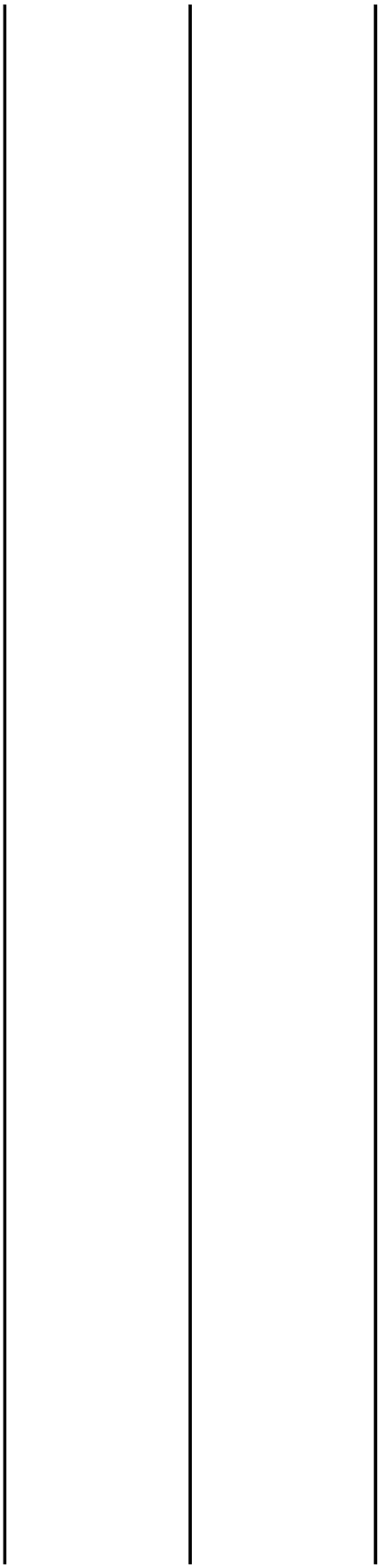
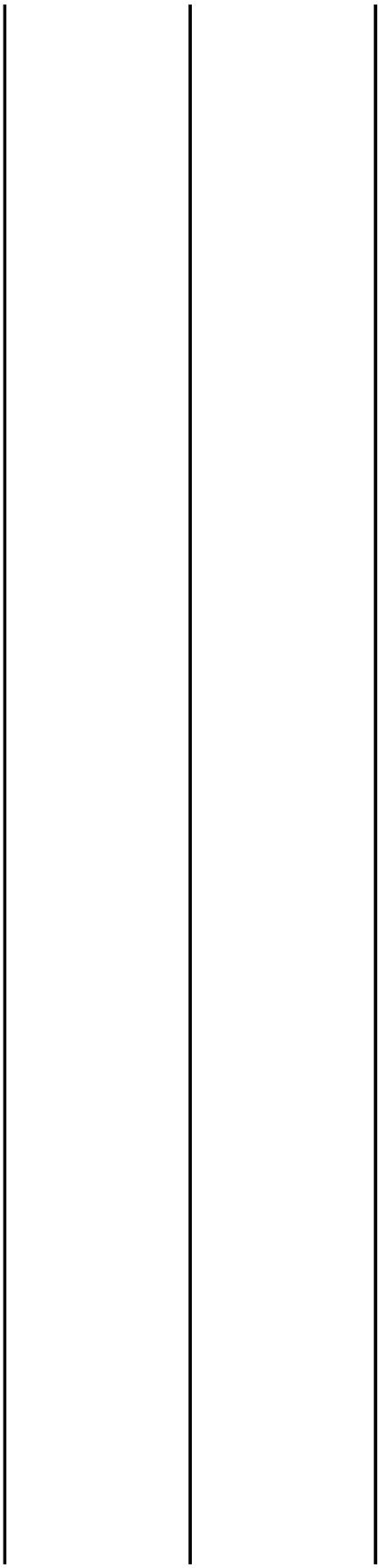


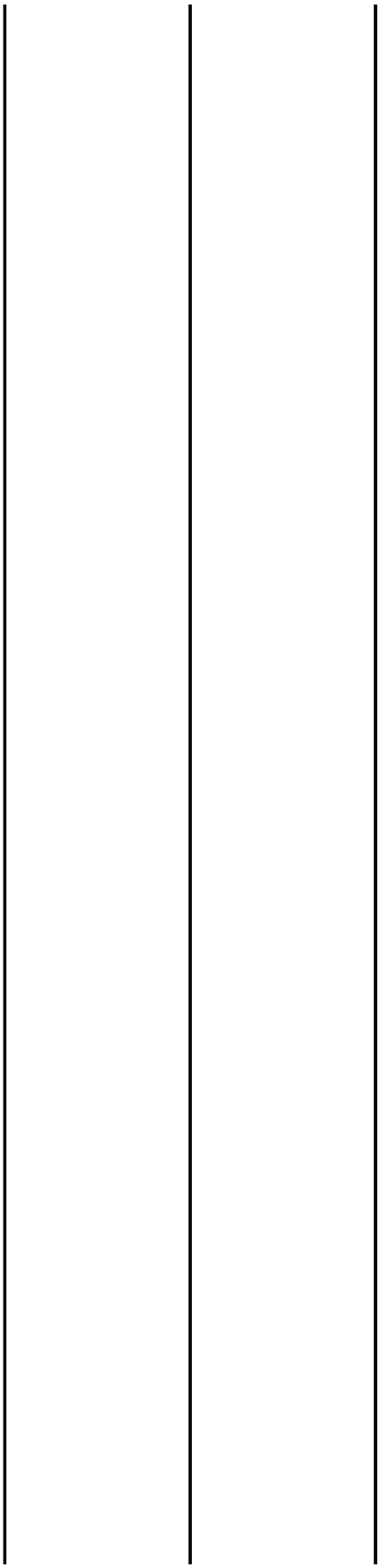


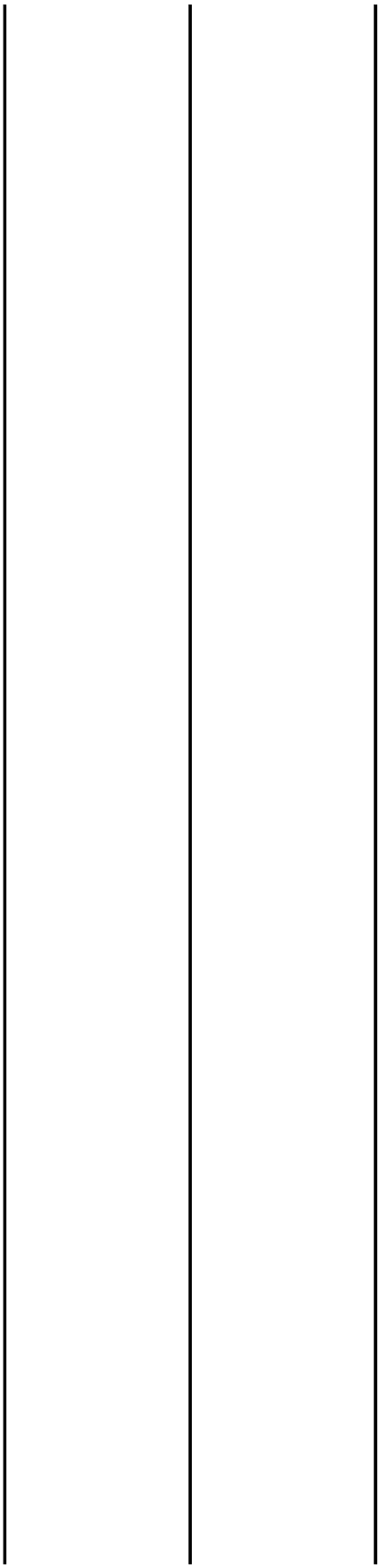


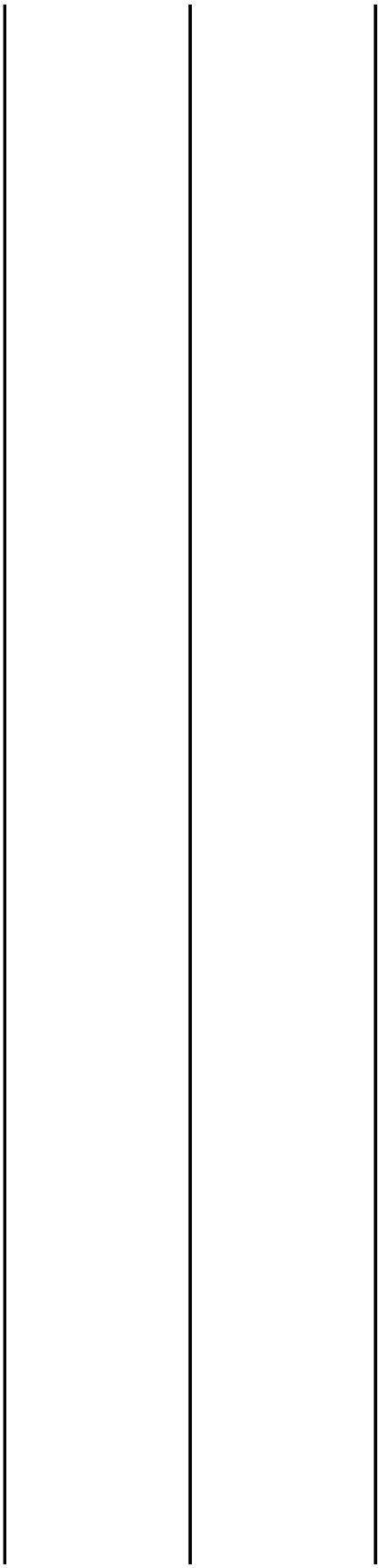


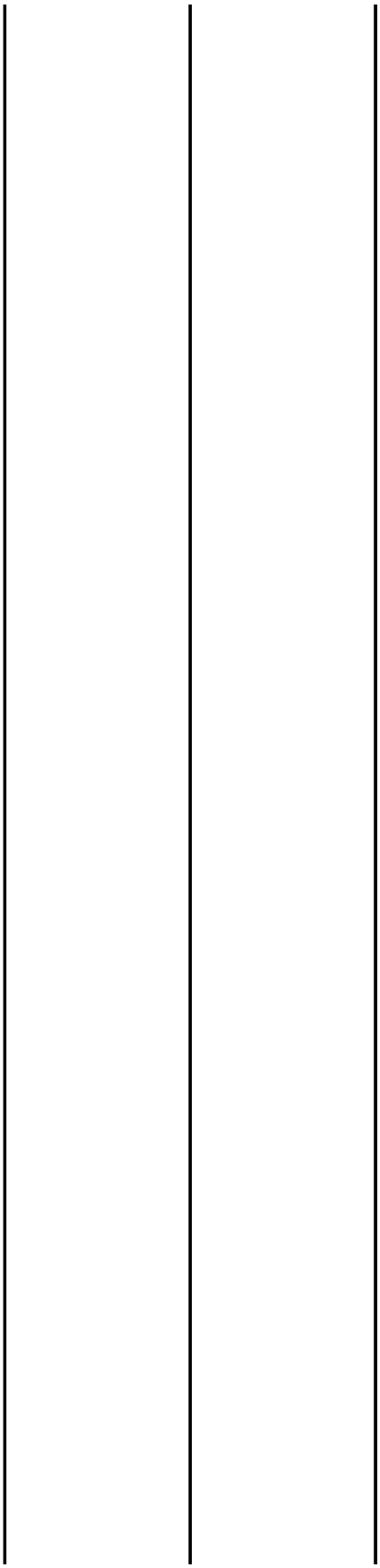


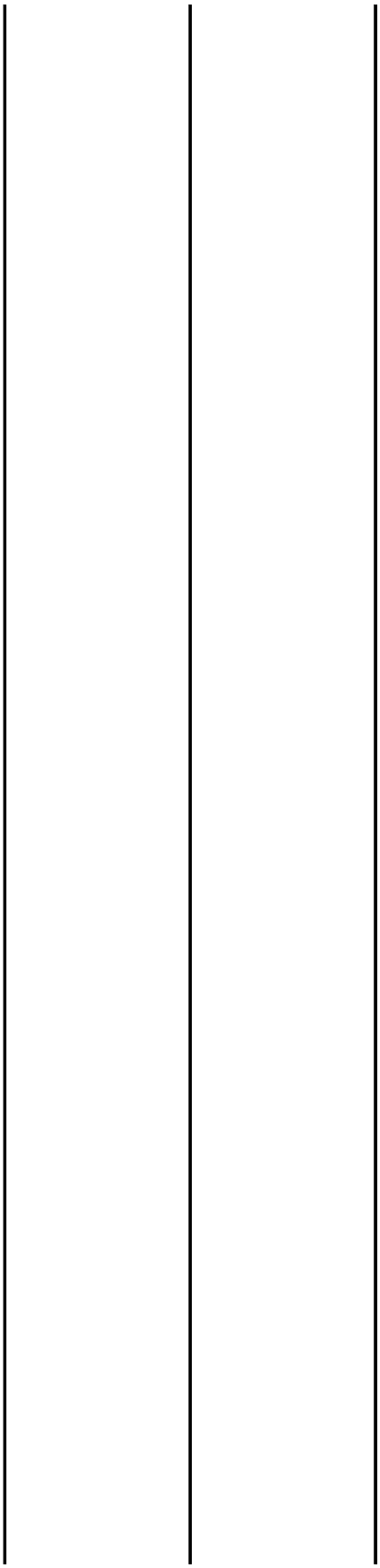


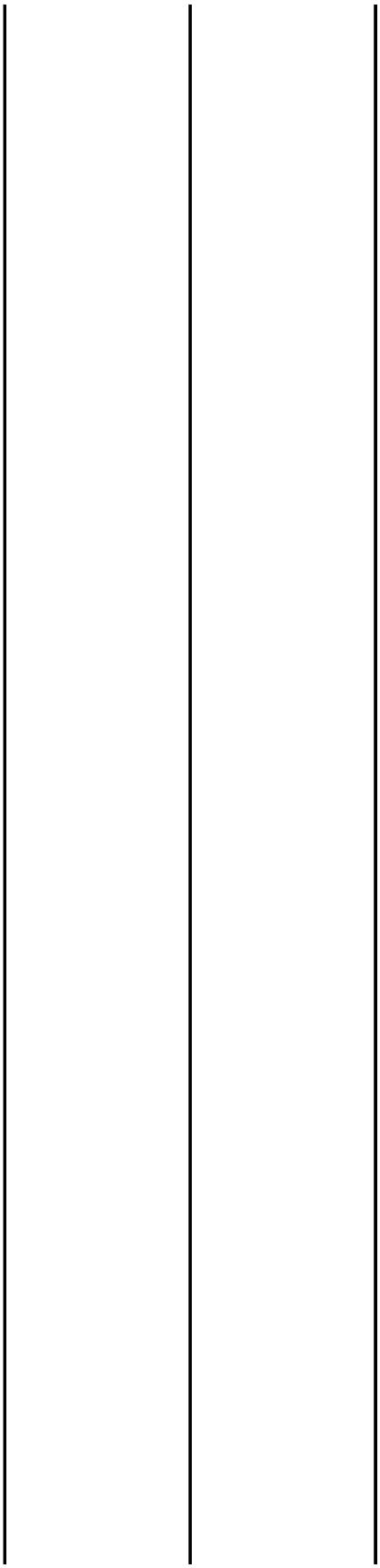


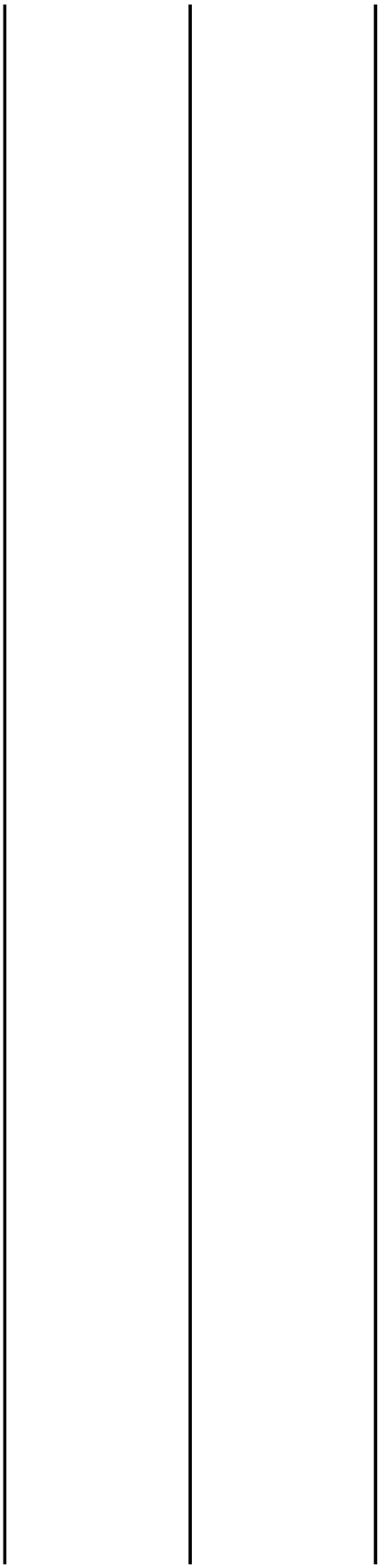


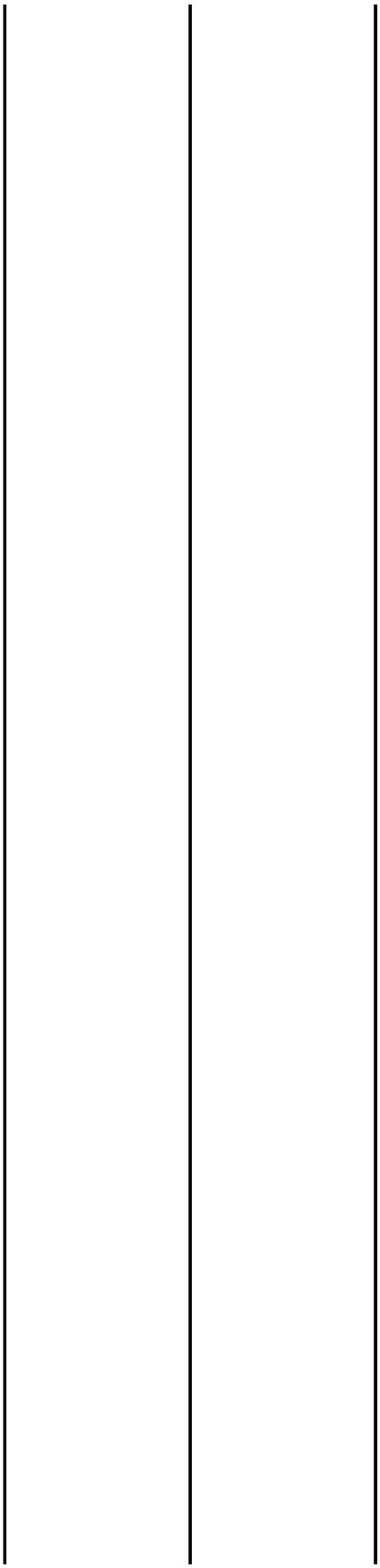


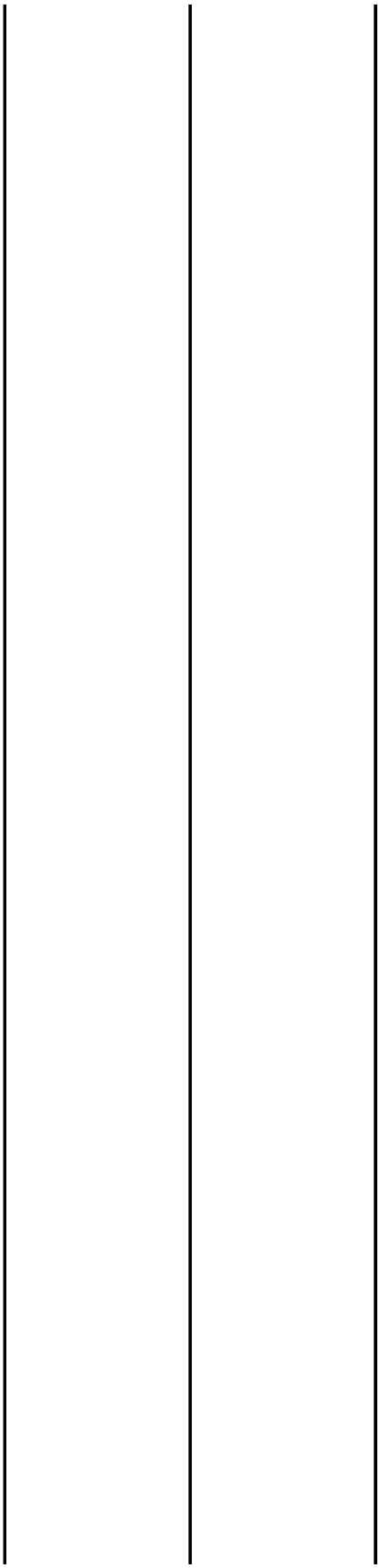


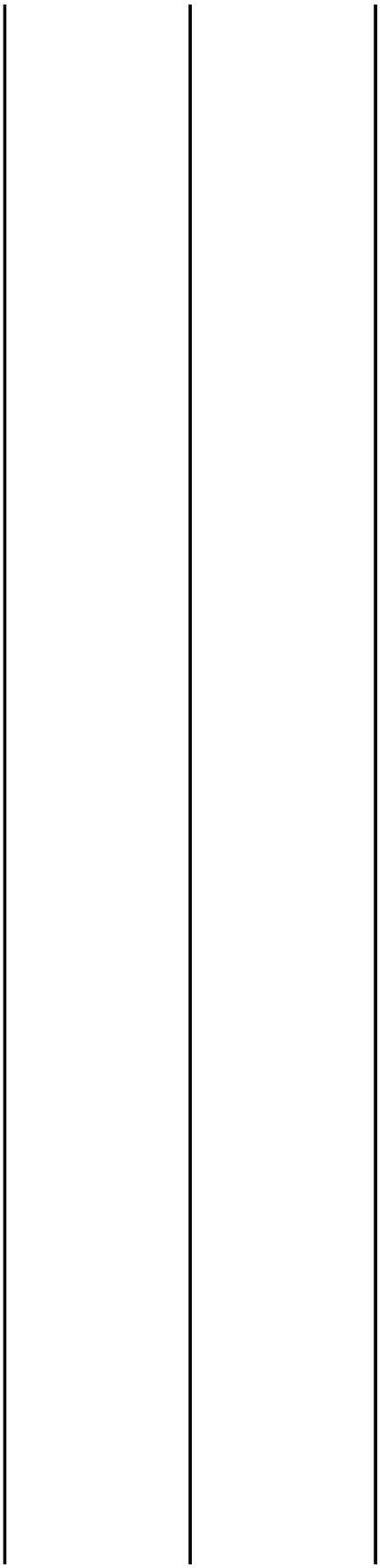


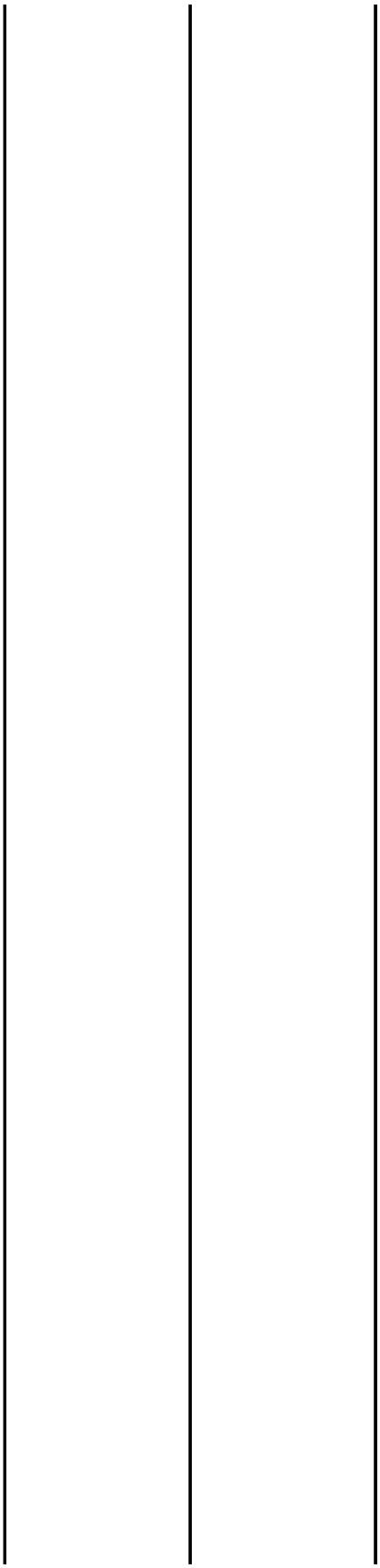


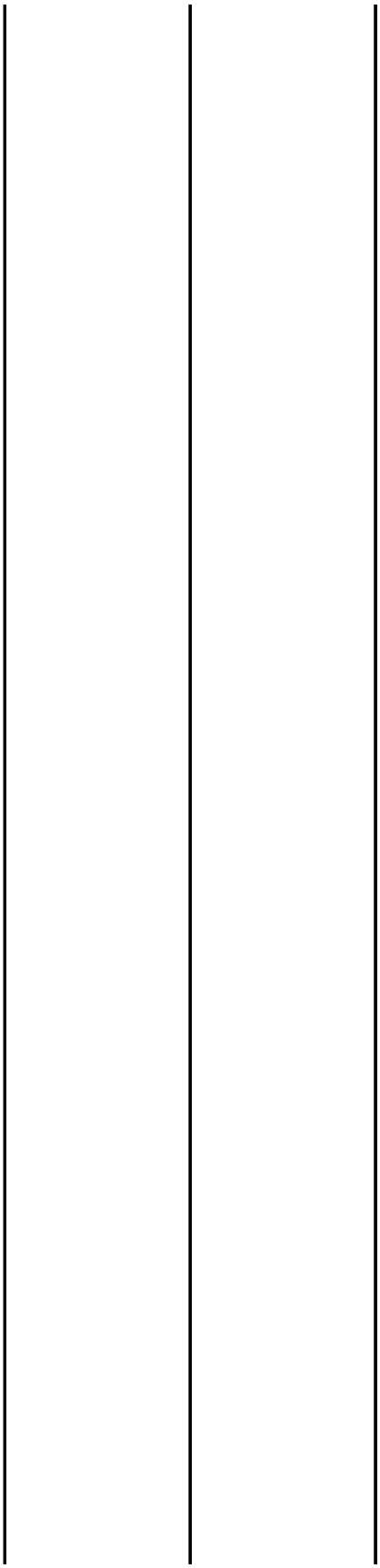


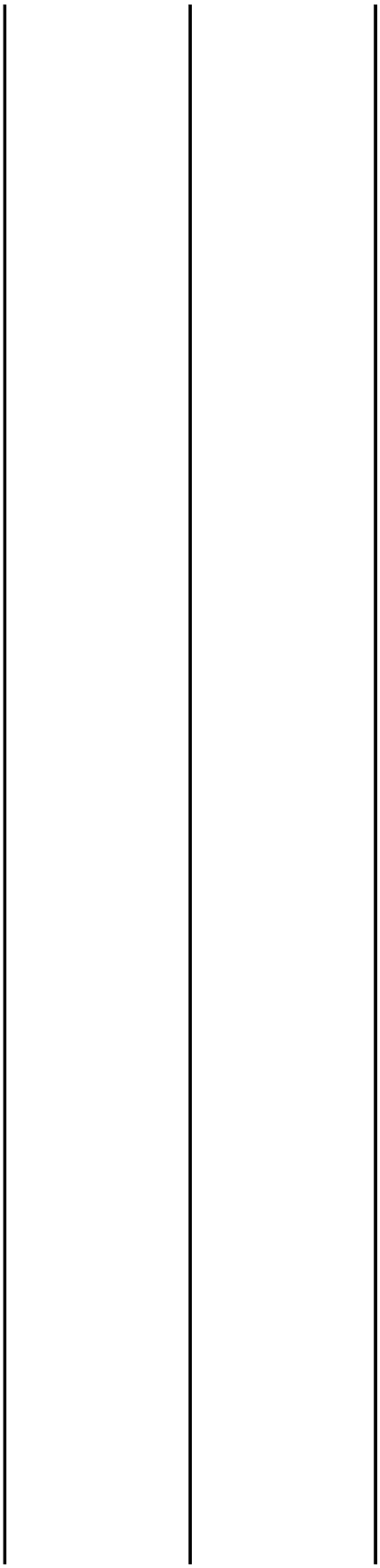


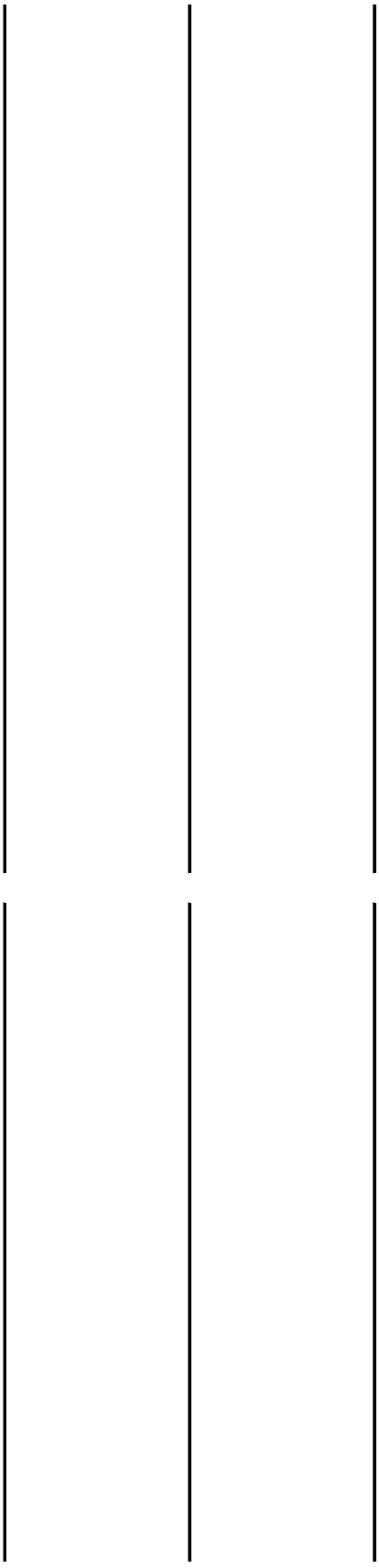


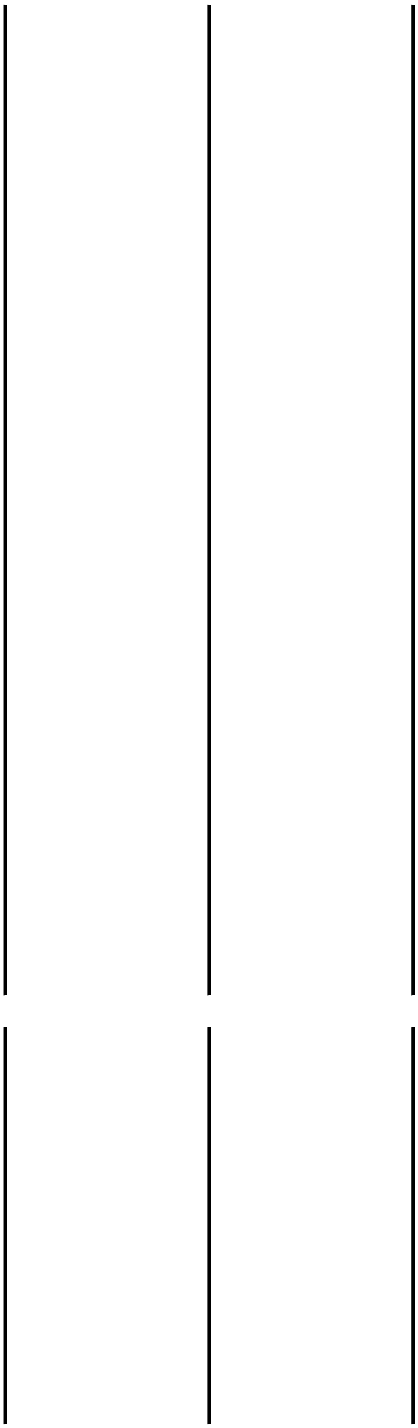










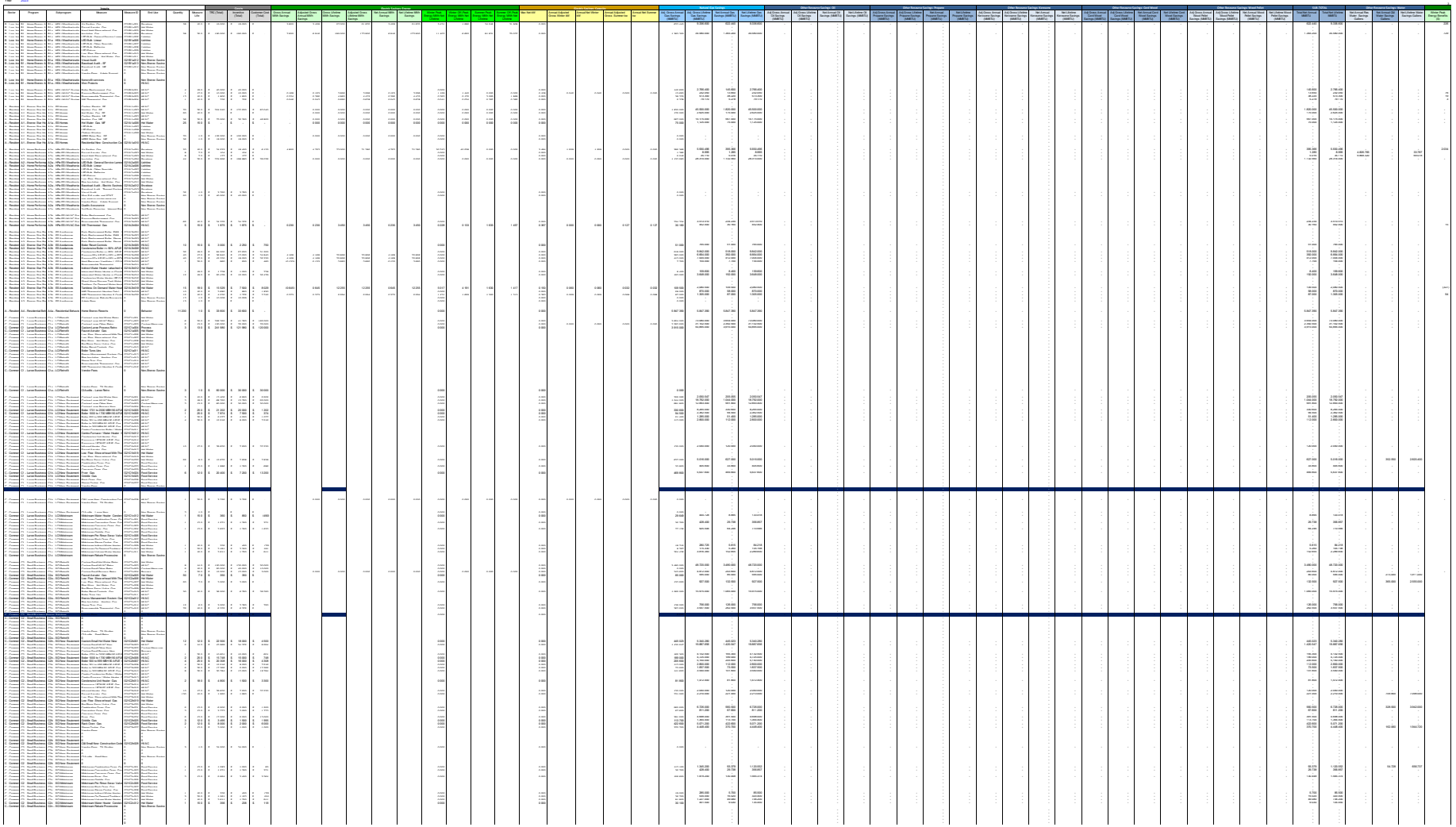


Year 2022

Inputs							Costs			Electric Savings: Energy							Electric Savings: Capacity				Natural Gas Savings				Other Resource Savings: Water		
Sector	Program	Subprogram	Measure	Measure ID	End Use	Quantity	Measure Life	TRC (Total)	Incentive (Total)	Customer Cost (Total)	Gross Annual MWh Savings	Adjusted Gross Annual MWh Savings	Gross Lifetime MWh Savings	Adjusted Gross Lifetime MWh Savings	Net Annual MWh Savings	Net Lifetime MWh Savings	Winter Peak Energy MWh Net Lifetime	Winter Off-Peak Energy MWh Net Lifetime	Summer Peak Energy MWh Net Lifetime	Summer Off-Peak Energy MWh Net Lifetime	Max Net kW	Annual Adjusted Gross Winter kW	Annual Net Winter kW	Annual Adjusted Gross Summer kw	Annual Net Summer kw	Adj. Gross Annual Gas Savings (MMBTU)	Adj. Gross Lifetime Gas Savings (MMBTU)	Net Annual Gas Savings (MMBTU)	Net Lifetime Gas Savings (MMBTU)	Net Annual CSI Water Savings Gallons	Net Lifetime Water Savings Gallons	Winter Peak Energy Benefits ($)
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Air Sealing, Gas	G21B1a001	Envelope	45	15.0	$ 22,500	$ 22,500	$ -	4.500	4.095	67.500	61.425	4.095	61.425	15.606	16.220	14.280	13.319	3.524	0.645	0.645	1.078	1.078	737.100	11.056.500	737.100	11.056.500	-	-	1,013
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Faucet Aerator, Gas	G21B1a002	Hot Water																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Hand Held Showerhead, Gas	G21B1a003	Hot Water																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Insulation, Gas	G21B1a004	Envelope	45	25.0	$ 225,000	$ 225,000	$ -	9.000	8.190	225.000	204.750	8.190	204.750	52.021	60.732	47.599	44.397	7.049	1.289	1.289	2.155	2.155	1,638.000	40,950.000	1,638.000	40,950.000	-	-	3,250
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	LED Bulb, General Service Lamps	G21B1a005	Lighting																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	LED Bulb, Linear	G21B1a006	Lighting																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	LED Bulb, Other Specialty	G21B1a007	Lighting																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	LED Bulb, Reflector	G21B1a008	Lighting																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	LED Fixture	G21B1a009	Lighting																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Low Flow Showerhead, Gas	G21B1a010	Hot Water																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Pipe Insulation - Hot Water, Gas	G21B1a011	Hot Water																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Visual Audit	G21B1a012	Non-Energy Saving																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Baseload Audit - SF	G21B1a013	Non-Energy Saving																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Baseload Audit - MF	G21B1a014	Non-Energy Saving																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Audit		Non-Energy Saving																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Vendor Fees - Admin Support	0	Non-Energy Saving																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Nonprofit services	0	Non-Energy Saving																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1a - HEA-W	Won Projects	0	HVAC																					-		-				
B - Low-Inco	B1 - Home Energy Assistance	B1b - HEA-W	Boiler Replacement, Gas	G21B1b001	HVAC	6	19.0	$ 60,000	$ 60,000	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	218.400	4,149.600	218.400	4,149.600	-	-	-
B - Low-Inco	B1 - Home Energy Assistance	B1b - HEA-W	Furnace Replacement, Gas	G21B1b002	HVAC	1	17.0	$ 10,000	$ 10,000	$ -	0.168	0.153	2.856	2.599	0.153	2.599	1.159	1.446	0.000	0.000	0.108	0.045	0.045	0.000	0.000	13.650	232.050	13.650	232.050	-	-	75
B - Low-Inco	B1 - Home Energy Assistance	B1b - HEA-W	Programmable Thermostat, Gas	G21B1b003	HVAC	12	15.0	$ 1,800	$ 1,800	$ -	0.324	0.295	4.860	4.423	0.295	4.423	0.292	0.170	2.093	1.868	0.516	0.000	0.000	0.163	0.163	38.220	573.300	38.220	573.300	-	-	19
B - Low-Inco	B1 - Home Energy Assistance	B1b - HEA-W	WiFi Thermostat, Gas	G21B1b004	HVAC	1	15.0	$ 225	$ 225	$ -	0.046	0.042	0.690	0.628	0.042	0.628	0.041	0.024	0.297	0.265	0.073	0.000	0.000	0.023	0.023	5.278	79.170	5.278	79.170	-	-	3
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Cooling, Electric, SF	G21A1a001	HVAC																					-		-				
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Heating, Gas, SF	G21A1a002	HVAC	64	25.0	$ 187,008	$ 112,000	$ 75,008	-	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,664.000	41,600.000	1,664.000	41,600.000	-	-	-
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Hot Water, Gas, SF	G21A1a003	Hot Water	50	15.0	$ -	$ -	$ -	-	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	175.000	2,625.000	175.000	2,625.000	-	-	-
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Cooling, Electric, MF	G21A1a004	HVAC																					-		-				
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Heating, Gas, MF	G21A1a005	HVAC	32	25.0	$ 64,000	$ 22,400	$ 41,600	-	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	504.000	12,600.000	504.000	12,600.000	-	-	-
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Hot Water, Gas, MF	G21A1a006	Hot Water	25	15.0	$ -	$ -	$ -	-	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	75.000	1,125.000	75.000	1,125.000	-	-	-
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	LED Bulb	G21A1a007	Lighting																					-		-				
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	LED Fixture	G21A1a008	Lighting																					-		-				
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Clothes Washer	G21A1a009	Hot Water																					-		-				
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	HERS Rater Fee - SF	0	Non-Energy Saving	64	1.0	$ 96,000	$ 96,000	$ -	-	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	HERS Rater Fee - MF	0	Non-Energy Saving	32	1.0	$ 16,000	$ 16,000	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-
A - Resident	A1 - Energy Star Homes	A1a - ES Hon	Residential New Construction Code Compliance	G21A1a010	HVAC																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Air Sealing, Gas	G21A2a001	Envelope	32	15.0	$ 24,533	$ 18,400	$ 6,133	4.800	4.752	72.000	71.280	4.752	71.280	30.742	40.538	0.000	0.000	3.484	1.509	1.509	0.000	0.000	395.366	5,930.496	395.366	5,930.496	-	-	1,996
A - Resident	A2 - Home Performance with E	A2a - HPwES	Faucet Aerator, Gas	G21A2a002	Hot Water	8	7.0	$ 104	$ 104	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.285	8.995	1.285	8.995	-	33.787	-
A - Resident	A2 - Home Performance with E	A2a - HPwES	Hand Held Showerhead, Gas	G21A2a003	Hot Water	8	7.0	$ 177	$ 177	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.216	36.515	5.216	36.515	-	71.841	-
A - Resident	A2 - Home Performance with E	A2a - HPwES	Insulation, Gas	G21A2a004	Envelope	43	25.0	$ 268,707	$ 194,360	$ 74,347	-	-	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,106.820	27,670.500	1,106.820	27,670.500	-	-	-
A - Resident	A2 - Home Performance with E	A2a - HPwES	LED Bulb, General Service Lamps	G21A2a005	Lighting																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	LED Bulb, Linear	G21A2a006	Lighting																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	LED Bulb, Other Specialty	G21A2a007	Lighting																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	LED Bulb, Reflector	G21A2a008	Lighting																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	LED Fixture	G21A2a009	Lighting																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Low Flow Showerhead, Gas	G21A2a010	Hot Water																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Pipe Insulation - Hot Water, Gas	G21A2a011	Hot Water																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Baseload Audit - Electric Savings	G21A2a012	Envelope																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Baseload Audit - Thermal Savings	G21A2a013	Envelope																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Visual Audit	G21A2a014	Envelope	30	1.0	$ 4,500	$ 4,500	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-
A - Resident	A2 - Home Performance with E	A2a - HPwES	Wkn Full audits and STAT	0	Non-Energy Saving	50	1.0	$ 40,000	$ 40,000	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-
A - Resident	A2 - Home Performance with E	A2a - HPwES	non-energy saving measure	0	Non-Energy Saving																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Vendor Fees - Admin Support	0	Non-Energy Saving																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	Quality Assurance	0	Non-Energy Saving																					-		-				
A - Resident	A2 - Home Performance with E	A2a - HPwES	3rd Party Financing - Interest Rate BuyDowns	0	Non-Energy Saving																					-		-				
A - Resident	A2 - Home Performance with E	A2b - HPwES	Boiler Replacement, Gas	G21A2b001	HVAC																					-		-				
A - Resident	A2 - Home Performance with E	A2b - HPwES	Furnace Replacement, Gas	G21A2b002	HVAC																					-		-				
A - Resident	A2 - Home Performance with E	A2b - HPwES	Programmable Thermostat, Gas	G21A2b003	HVAC	65	15.0	$ 24,375	$ 24,375	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	234.234	3,513.510	234.234	3,513.510	-	-	-
A - Resident	A2 - Home Performance with E	A2b - HPwES	WiFi Thermostat, Gas	G21A2b004	HVAC	5	15.0	$ 1,875	$ 1,875	$ -	0.230	0.230	3.450	3.450	0.230	3.450	0.228	0.133	1.633	1.457	0.397	0.000	0.000	0.127	0.127	30.160	452.400	30.160	452.400	-	-	15
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Early Replacement Boiler, FHW - EE 90 AFUE (80%-90%)	G21A3b001	HVAC																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Early Replacement Boiler, FHW - Retirement: 90 AFUE (90%+)	G21A3b002	HVAC																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Early Replacement Boiler, Steam - EE: 82%+ AFUE	G21A3b003	HVAC																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Early Replacement Boiler, Steam - Retirement: 82%+ AFUE	G21A3b004	HVAC																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Boiler Reset Controls	G21A3b005	HVAC	10	15.0	$ 3,000	$ 2,250	$ 750							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	51.000	765.000	51.000	765.000	-	-	-
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Condensing Boiler >= 90% AFUE (Up to 300 MBH)	G21A3b006	HVAC																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Condensing Boiler >= 90% AFUE (Up to 300 MBH)	G21A3b007	HVAC	35	19.0	$ 84,000	$ 52,500	$ 31,500							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	518.000	9,842.000	518.000	9,842.000	-	-	-
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Furnace 95+ AFUE (>150) w/ECM Motor	G21A3b008	HVAC	40	17.0	$ 36,840	$ 12,000	$ 24,840	4.168	4.168	70.856	70.856	4.168	70.856	31.586	39.270	0.000	0.000	2.688	1.215	1.215	0.000	0.000	392.000	6,664.000	392.000	6,664.000	-	-	2,032
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Furnace 97+ AFUE (>150) w/ECM Motor	G21A3b009	HVAC	40	17.0	$ 43,320	$ 18,000	$ 25,320	4.168	4.168	70.856	70.856	4.168	70.856	31.586	39.270	0.000	0.000	2.688	1.215	1.215	0.000	0.000	412.000	7,004.000	412.000	7,004.000	-	-	2,032
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Heat Recovery Ventilator (133 kWh penalty)	G21A3b010	HVAC	1	20.0	$ 960	$ 500	$ 460	(0.133)	-0.133	-2.660	-2.660	-0.133	-2.660	-0.676	-0.769	-0.618	-0.577	-0.104	-0.021	-0.021	-0.035	-0.035	7.700	154.000	7.700	154.000	-	-	(43)
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Programmable Thermostat	G21A3b011	HVAC																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Indirect Water Heater (attached to ES FHW Boiler; Combined	G21A3b012	Hot Water																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Integrated Water Heater w/Condensing Boiler >= 90% AFUE	G21A3b013	Hot Water												0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.400	159.600	8.400	159.600	-	-	-
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Integrated Water Heater w/Condensing Boiler >= 95% AFUE	G21A3b014	Hot Water	23	19.0	$ 77,401	$ 23,000	$ 54,401							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	294.400	5,593.600	294.400	5,593.600	-	-	-
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Condensing Water Heater (EF 0.95)	G21A3b015	Hot Water																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Stand Alone Storage Tank Water Heater (EF 0.67)	G21A3b016	Hot Water																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Tankless On-Demand Water Heater, >= .82	G21A3b017	Hot Water																					-		-				
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Tankless On-Demand Water Heater, >= .94	G21A3b018	Hot Water	15	19.0	$ 15,529	$ 7,500	$ 8,029	(0.645)	-0.645	-12.255	-12.255	-0.645	-12.255	-5.017	-4.191	-1.630	-1.417	-0.150	-0.060	-0.060	-0.032	-0.032	109.500	2,080.500	109.500	2,080.500	-	-	(320)
A - Resident	A3 - Energy Star Products	A3b - ES Ass	WiFi Thermostat (Heating Only)	G21A3b019	HVAC	10	15.0	$ 2,680	$ 850	$ 1,830							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	58.000	870.000	58.000	870.000	-	-	-
A - Resident	A3 - Energy Star Products	A3b - ES Ass	WiFi Thermostat (Heating & Cooling)	G21A3b020	HVAC	15	15.0	$ 4,020	$ 1,275	$ 2,745	0.373	0.373	5.594	5.594	0.373	5.594	1.421	1.658	1.300	1.213	0.292	0.059	0.059	0.098	0.098	87.000	1,305.000	87.000	1,305.000	-	-	92
A - Resident	A3 - Energy Star Products	A3b - ES Ass	ES Appliances Rebate Processing	0	Non-Energy Saving	12	1.0	$ 10,009	$ 10,009	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-
A - Resident	A3 - Energy Star Products	A3b - ES Ass	Admin Fees	0	Non-Energy Saving	13	1.0	$ -	$ -	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-
A - Resident	A4 - Residential Behavior	A4a - Reside	Home Energy Reports	0	Behavior	11,200	1.0	$ 33,600	$ 33,600	$ -							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5,847.390	5,847.390	5,847.390	5,847.390	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Custom Large Hot Water Retro	G21C1a001	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Custom Large HVAC Retro	G21C1a002	HVAC	7	20.0	$ 240,625	$ 48,125	$ 192,500							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4,263.000	85,260.000	4,263.000	85,260.000	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Custom Large Other Retro	G21C1a003	Custom Measures	9	13.0	$ 270,000	$ 135,000	$ 135,000							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4,306.500	55,984.500	4,306.500	55,984.500	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Custom Large Process Retro	G21C1a004	Process	5	13.0	$ 403,300	$ 203,300	$ 200,000							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8,700.000	113,100.000	8,700.000	113,100.000	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Faucet Aerator, Gas	G21C1a005	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Low Flow Showerhead With Thermostatic Valve, Gas	G21C1a006	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Low Flow Showerhead, Gas	G21C1a007	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Pipe Wrap - Hot Water, Gas	G21C1a008	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Pre Rinse Spray Valve, Gas	G21C1a009	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Boiler Reset Controls, Gas	G21C1a010	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Boiler Tune-Ups	G21C1a011	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Energy Management System, Gas	G21C1a012	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Pipe Insulation - Heating, Gas	G21C1a013	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Steam Trap, Gas	G21C1a014	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Programmable Thermostat, Gas	G21C1a015	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	WiFi Thermostat (Heating & Cooling)	G21C1a016	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Vendor Fees	0	Non-Energy Saving																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	Vendor Fees - TA Studies	0	Non-Energy Saving																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1a - LCI Ret	CI Audits - Large Retro	0	Non-Energy Saving	2	1.0	$ 40,000	$ 20,000	$ 20,000							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-	-	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Custom Large Hot Water New	G21C1b001	Hot Water	3	10.0	$ 12,408	$ 6,900	$ 5,505							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	205.055	2,050.547	205.055	2,050.547	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Custom Large HVAC New	G21C1b002	HVAC	2	18.0	$ 68,750	$ 13,750	$ 55,000							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,044.000	18,792.000	1,044.000	18,792.000	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Custom Large Other New	G21C1b003	Custom Measures	2	13.0	$ 60,000	$ 30,000	$ 30,000							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	991.800	12,893.400	991.800	12,893.400	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Custom Large Process New	G21C1b004	Process																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C1b005	HVAC	3	25.0	$ 31,803	$ 30,000	$ 1,803							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	495.900	12,397.500	495.900	12,397.500	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C1b006	HVAC	1	25.0	$ 7,874	$ 7,500	$ 374							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	94.500	2,362.500	94.500	2,362.500	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Boiler 500 to 999 MBH 90 AFUE, Gas	G21C1b007	HVAC	2	25.0	$ 10,154	$ 8,000	$ 2,154							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	102.800	2,570.000	102.800	2,570.000	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Boiler 301 to 499 MBH 90 AFUE, Gas	G21C1b008	HVAC	4	25.0	$ 15,516	$ 8,000	$ 7,516							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	112.000	2,800.000	112.000	2,800.000	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Boiler to 300 MBH 90 AFUE, Gas	G21C1b009	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Boiler to 300 MBH 95 AFUE, Gas	G21C1b010	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI Mid	Combo Condensing Boiler / Water Heater, Gas	G21C1b011	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Combo Furnace / Water Heater, Gas	G21C1b012	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Condensing Unit Heater, Gas	G21C1b013	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Furnace w/ ECM 95 AFUE, Gas	G21C1b014	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Furnace w/ ECM 97 AFUE, Gas	G21C1b015	HVAC																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Infrared Heater, Gas	G21C1b016	HVAC	10	17.0	$ 29,820	$ 7,500	$ 22,320							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	120.000	2,040.000	120.000	2,040.000	-	-	-
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Faucet Aerator, Gas	G21C1b017	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Low Flow Showerhead With Thermostatic Valve, Gas	G21C1b018	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Low Flow Showerhead, Gas	G21C1b019	Hot Water																					-		-				
C - Commer	C1 - Large Business Energy Sa	C1b - LCI New	Pre Rinse Spray Valve, Gas	G21C1b020	Hot Water	55	8.0	$ 15,675	$ 7,

| | | |

Year: 2023



Sector | Program | Subprogram | Measure | Measure ID | End Use | Quantity | Measure Life | Utility | TRC (Total) | Incentive (Total) | Customer Cost (Total) | Gross Annual kWh Savings | Adjusted Gross Annual kWh Savings | Gross Lifetime kWh Savings | Adjusted Gross Lifetime kWh Savings | Gross Annual kW Savings | Gross CP Peak Demand Reduction (kW) | Gross CP Non-Peak Demand Reduction (kW) | Gross Peak Summer Coincident Demand Reduction (kW) | Gross CP Non-Peak Summer Coincident Demand Reduction (kW) | Net Annual kWh | Annual Adjusted Gross Water kWh | Annual Net Water kWh | Annual Adjusted Gross Summer kW | Annual Net Summer kW | Natural Gas Savings - NR | Adj. Gross Annual Natural Gas Savings (MMBTU) | Adj. Gross Lifetime Natural Gas Savings (MMBTU) | Net Annual Gas Savings (MMBTU) | Net Lifetime Gas Savings (MMBTU) | Other Resource Savings - NR | Adj. Gross Annual Other Resource Savings (MMBTU) | Net Annual Other Resource Savings (MMBTU) | Adj. Gross Lifetime Other Resource Savings (MMBTU) | Net Lifetime Other Resource Savings (MMBTU) | Other Resource Savings - Propane | Adj. Gross Annual Propane Savings (MMBTU) | Net Annual Propane Savings (MMBTU) | Adj. Gross Lifetime Propane Savings (MMBTU) | Net Lifetime Propane Savings (MMBTU) | Other Resource Savings - Fuel Oil | Adj. Gross Annual Fuel Oil Savings (MMBTU) | Net Annual Fuel Oil Savings (MMBTU) | Adj. Gross Lifetime Fuel Oil Savings (MMBTU) | Net Lifetime Fuel Oil Savings (MMBTU) | Other Resource Savings - Kerosene | Adj. Gross Annual Kerosene Savings (MMBTU) | Net Annual Kerosene Savings (MMBTU) | Adj. Gross Lifetime Kerosene Savings (MMBTU) | Net Lifetime Kerosene Savings (MMBTU) | Other Resource Savings - Coal Wood | Adj. Gross Annual Coal Wood Savings (MMBTU) | Net Annual Coal Wood Savings (MMBTU) | Adj. Gross Lifetime Coal Wood Savings (MMBTU) | Net Lifetime Coal Wood Savings (MMBTU) | Other Resource Savings - Steam | Adj. Gross Annual Steam Savings (MMBTU) | Net Annual Steam Savings (MMBTU) | Adj. Gross Lifetime Steam Savings (MMBTU) | Net Lifetime Steam Savings (MMBTU) | Other Resource Savings - Kerosene | Adj. Gross Annual Kerosene Savings (MMBTU) | Net Annual Kerosene Savings (MMBTU) | Adj. Gross Lifetime Kerosene Savings (MMBTU) | Net Lifetime Kerosene Savings (MMBTU) | Other Resource Savings - Coal Wood | Adj. Gross Annual Coal Wood Savings (MMBTU) | Net Annual Coal Wood Savings (MMBTU) | Adj. Gross Lifetime Coal Wood Savings (MMBTU) | Net Lifetime Coal Wood Savings (MMBTU) | Other Resource Savings - Steam | Adj. Gross Annual Steam Savings (MMBTU) | Net Annual Steam Savings (MMBTU) | Adj. Gross Lifetime Steam Savings (MMBTU) | Net Lifetime Steam Savings (MMBTU) | Water Resource Savings | Net Annual Water Savings (Gallons) | Net Annual Water Savings (Gallons) | Net Lifetime Water Savings (Gallons) | Water Peak Demand Reduction (kW)

Distribution Company	Program Administrator	Year	Reporting Period	Program (Dropdown)	Subprogram (Dropdown)	Internal Admin	External Admin	Rebate / Services	Implementation Services	Marketing	EM&V	Total Program Costs
Gas	Northe	2022	Planned	B1 - Home Energy Assistance	B1a - HEA (Weatherization)	$ 26,435	$ 2,000	$ 415,075	$ 89,218	$ 4,304	$ 19,826	$ 556,859
Gas	Northe	2022	Planned	B1 - Home Energy Assistance	B1b - HEA (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A1 - Energy Star Homes	A1a - ES Homes	$ 15,744	$ 1,085	$ 246,279	$ 19,696	$ 3,936	$ 11,808	$ 298,548
Gas	Northe	2022	Planned	A2 - Home Performance with Energy Star	A2a - HPwES (Weatherization)	$ 17,755	$ 1,224	$ 281,986	$ 14,146	$ 4,439	$ 13,316	$ 332,866
Gas	Northe	2022	Planned	A2 - Home Performance with Energy Star	A2b - HPwES (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A2 - Home Performance with Energy Star	A2c - HPwES 3rd Party Financing (Loan buy-down)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A2 - Home Performance with Energy Star	A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A3 - Energy Star Products	A3a - ES Lighting	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A3 - Energy Star Products	A3b - ES Appliances	$ 8,932	$ 616	$ 128,834	$ 13,373	$ 6,117	$ 6,699	$ 164,571
Gas	Northe	2022	Planned	A3 - Energy Star Products	A3c - ES HVAC Systems	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A4 - Residential Behavior	A4a - Residential Behavior	$ 2,121	$ 146	$ 34,010	$ 2,562	$ 265	$ 1,590	$ 40,694
Gas	Northe	2022	Planned	A5 - Residential Active Demand Response	A5a - Residential Active Demand Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A6a - Res Customer Engagement Platform	A6a - Res Customer Engagement Platform	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A6b - Res ISO Forward Capacity Market Expenses	A6b - Res ISO Forward Capacity Market Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A6c - Res Education	A6c - Res Education	$ -	$ -	$ 12,199	$ 4,945	$ 1,073	$ -	$ 18,218
Gas	Northe	2022	Planned	A6d - Energy Optimization Pilot	A6d - Energy Optimization Pilot	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A6e - Res Financing	A6e - Res Financing	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A7 - Res TBD Pilots/Demonstrations	A7a - TBD Res Pilot/Demonstration 1	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	A7 - Res TBD Pilots/Demonstrations	A7b - TBD Res Pilot/Demonstration 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C1 - Large Business Energy Solutions	C1a - LCI Retrofit	$ 35,361	$ 1,500	$ 568,893	$ 38,581	$ 10,420	$ 26,520	$ 681,275
Gas	Northe	2022	Planned	C1 - Large Business Energy Solutions	C1b - LCI New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C1 - Large Business Energy Solutions	C1c - LCI Midstream	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C1 - Large Business Energy Solutions	C1d - LCI Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C2 - Small Business Energy Solutions	C2a - SCI Retrofit	$ 35,042	$ 1,500	$ 561,697	$ 38,472	$ 12,380	$ 26,281	$ 675,372
Gas	Northe	2022	Planned	C2 - Small Business Energy Solutions	C2b - SCI New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C2 - Small Business Energy Solutions	C2c - SCI Midstream	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C2 - Small Business Energy Solutions	C2d - SCI Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C3 - Municipal Energy Solutions	C3a - Muni Retrofit	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C3 - Municipal Energy Solutions	C3b - Muni New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C3 - Municipal Energy Solutions	C3d - Muni Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C4 - Energy Rewards RFP Program	C4a - Energy Rewards RFP Program	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C5 - C&I Active Demand Response	C5a - C&I Active Demand Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C6a - C&I Customer Engagement Platform	C6a - C&I Customer Engagement Platform	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C6b - C&I ISO Forward Capacity Market Expenses	C6b - C&I ISO Forward Capacity Market Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C6c - C&I Education	C6c - C&I Education	$ -	$ -	$ 9,561	$ 5,300	$ 1,036	$ -	$ 15,896
Gas	Northe	2022	Planned	C6d - C&I Customer Partnerships	C6d - C&I Customer Partnerships	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C6e - Smart Start	C6e - Smart Start	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C6f - C&I On Bill Financing	C6f - C&I On Bill Financing	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C6g - C&I Building Practices and Demo	C6g - C&I Building Practices and Demo	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C7 - C&I TBD Pilots/Demonstrations	C7a - TBD C&I Pilot/Demonstration 1	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2022	Planned	C7 - C&I TBD Pilots/Demonstrations	C7b - TBD C&I Pilot/Demonstration 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	B1 - Home Energy Assistance	B1a - HEA (Weatherization)	$ 29,530	$ 1,777	$ 353,798	$ 86,082	$ 4,580	$ 19,129	$ 494,897
Gas	Northe	2023	Planned	B1 - Home Energy Assistance	B1b - HEA (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A1 - Energy Star Homes	A1a - ES Homes	$ 20,321	$ 1,139	$ 270,888	$ 15,627	$ 3,156	$ 20,467	$ 331,599
Gas	Northe	2023	Planned	A2 - Home Performance with Energy Star	A2a - HPwES (Weatherization)	$ 22,917	$ 1,285	$ 287,127	$ 18,960	$ 5,195	$ 23,081	$ 358,565
Gas	Northe	2023	Planned	A2 - Home Performance with Energy Star	A2b - HPwES (HVAC Systems)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A2 - Home Performance with Energy Star	A2c - HPwES 3rd Party Financing (Loan buy-down)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A2 - Home Performance with Energy Star	A2d - HPwES 3rd Party Financing (Mod. Income Loan buy-down)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A3 - Energy Star Products	A3a - ES Lighting	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A3 - Energy Star Products	A3b - ES Appliances	$ 11,529	$ 646	$ 119,391	$ 22,727	$ 7,754	$ 11,612	$ 173,660
Gas	Northe	2023	Planned	A3 - Energy Star Products	A3c - ES HVAC Systems	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A4 - Residential Behavior	A4a - Residential Behavior	$ 2,737	$ 153	$ 35,412	$ 3,264	$ 342	$ 2,757	$ 44,667
Gas	Northe	2023	Planned	A5 - Residential Active Demand Response	A5a - Residential Active Demand Response	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A6a - Res Customer Engagement Platform	A6a - Res Customer Engagement Platform	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A6b - Res ISO Forward Capacity Market Expenses	A6b - Res ISO Forward Capacity Market Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A6c - Res Education	A6c - Res Education	$ -	$ -	$ -	$ 20,652	$ -	$ -	$ 20,652
Gas	Northe	2023	Planned	A6d - Energy Optimization Pilot	A6d - Energy Optimization Pilot	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A6e - Res Financing	A6e - Res Financing	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A7 - Res TBD Pilots/Demonstrations	A7a - TBD Res Pilot/Demonstration 1	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	A7 - Res TBD Pilots/Demonstrations	A7b - TBD Res Pilot/Demonstration 2	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C1 - Large Business Energy Solutions	C1a - LCI Retrofit	$ 30,916	$ 1,575	$ 421,963	$ 29,782	$ 10,122	$ 24,002	$ 518,360
Gas	Northe	2023	Planned	C1 - Large Business Energy Solutions	C1b - LCI New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C1 - Large Business Energy Solutions	C1c - LCI Midstream	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C1 - Large Business Energy Solutions	C1d - LCI Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C2 - Small Business Energy Solutions	C2a - SCI Retrofit	$ 30,634	$ 1,575	$ 415,935	$ 29,467	$ 12,187	$ 23,783	$ 513,581
Gas	Northe	2023	Planned	C2 - Small Business Energy Solutions	C2b - SCI New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C2 - Small Business Energy Solutions	C2c - SCI Midstream	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C2 - Small Business Energy Solutions	C2d - SCI Direct Install	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C3 - Municipal Energy Solutions	C3a - Muni Retrofit	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Gas	Northe	2023	Planned	C3 - Municipal Energy Solutions	C3b - Muni New Equipment and Construction	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Total Program Costs (2022$)	Performance Incentive	Performance Incentive (2022$)	Participant Costs	Participant Costs (2022$)	Total Resource Costs	Total Resource Costs (2022$)	Participants	Winter Capacity (kW)	Summer Capacity (kW)	Net Annual Energy (MWh)	Adj Gross Annual Energy (MWh)	Net Lifetime Energy (MWh)	Adj Gross Lifetime Energy (MWh)	Net Annual Natural Gas (MMBTU)
$ 556,859	$ -	$ -	$ -	$ -	$ 556,859	$ 556,859	65	1.93	3.23	12.29	12.29	266.18	266.18	2,375.10
$ -	$ -	$ -	$ -	$ -	$ -	$ -		0.04	0.19	0.49	0.49	7.65	7.65	275.55
$ 298,548	$ -	$ -	$ 116,608	$ 116,608	$ 415,156	$ 415,156	96	-	-	-	-	-	-	2,418.00
$ 332,866	$ -	$ -	$ 80,480	$ 80,480	$ 413,346	$ 413,346	80	1.51	-	4.75	4.75	71.28	71.28	1,508.69
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	0.13	0.23	0.23	3.45	3.45	264.39
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ 164,571	$ -	$ -	$ 150,603	$ 150,603	$ 315,174	$ 315,174	182	2.41	0.03	7.93	7.93	132.39	132.39	1,938.00
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ 40,694	$ -	$ -	$ -	$ -	$ 40,694	$ 40,694	11,200	-	-	-	-	-	-	5,847.39
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ 18,218	$ -	$ -	$ -	$ -	$ 18,218	$ 18,218		-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
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$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ 681,275	$ -	$ -	$ 547,500	$ 547,500	$ 1,228,775	$ 1,228,775	21	-	-	-	-	-	-	17,269.50
$ -	$ -	$ -	$ 148,596	$ 148,596	$ 148,596	$ 148,596	91	-	-	-	-	-	-	4,374.95
$ -	$ -	$ -	$ 2,531	$ 2,531	$ 2,531	$ 2,531	6	-	-	-	-	-	-	257.51
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ 675,372	$ -	$ -	$ 101,000	$ 101,000	$ 776,372	$ 776,372	75	-	-	-	-	-	-	7,325.70
$ -	$ -	$ -	$ 119,922	$ 119,922	$ 119,922	$ 119,922	81	-	-	-	-	-	-	5,933.33
$ -	$ -	$ -	$ 4,507	$ 4,507	$ 4,507	$ 4,507	12	-	-	-	-	-	-	339.10
$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
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$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ 15,896	$ -	$ -	$ -	$ -	$ 15,896	$ 15,896		-	-	-	-	-	-	-
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$ -	$ -	$ -	$ -	$ -	$ -	$ -		-	-	-	-	-	-	-
$ 479,319	$ -	$ -	$ -	$ -	$ 494,897	$ 479,319	56	-	-	10.37	10.37	224.77	224.77	2,005.64
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	0.04	-	0.49	0.49	7.65	7.65	202.75
$ 321,161	$ -	$ -	$ 128,840	$ 124,785	$ 460,439	$ 445,945	106	-	-	-	-	-	-	2,637.00
$ 347,278	$ -	$ -	$ 82,209	$ 79,622	$ 440,774	$ 426,900	75	1.51	-	4.75	4.75	71.28	71.28	1,534.23
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	0.13	0.23	0.23	3.45	3.45	264.39
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
$ 168,194	$ -	$ -	$ 131,681	$ 127,536	$ 305,341	$ 295,730	182	(0.00)	0.07	7.93	7.93	132.39	132.39	1,835.60
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
$ 43,261	$ -	$ -	$ -	$ -	$ 44,667	$ 43,261	11,200	-	-	-	-	-	-	5,847.39
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
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$ 20,002	$ -	$ -	$ -	$ -	$ 20,652	$ 20,002	-	-	-	-	-	-	-	-
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$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
$ 502,044	$ -	$ -	$ 390,000	$ 377,724	$ 908,360	$ 879,768	14	-	-	-	-	-	-	9,961.50
$ -	$ -	$ -	$ 144,718	$ 140,162	$ 144,718	$ 140,162	88	-	-	-	-	-	-	4,079.95
$ -	$ -	$ -	$ 2,531	$ 2,451	$ 2,531	$ 2,451	6	-	-	-	-	-	-	266.41
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
$ 497,415	$ -	$ -	$ 73,000	$ 70,702	$ 586,581	$ 568,118	62	-	-	-	-	-	-	5,394.60
$ -	$ -	$ -	$ 107,333	$ 103,954	$ 107,333	$ 103,954	69	-	-	-	-	-	-	5,101.97
$ -	$ -	$ -	$ 4,582	$ 4,438	$ 4,582	$ 4,438	9	-	-	-	-	-	-	333.40
$ -	$ -	$ -	$ -	$ -	$ -	$ -	-	-	-	-	-	-	-	-
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Adj Gross Annual Natural Gas (MMBTU)	Net Annual Natural Gas (Therms)	Adj Gross Annual Natural Gas (Therms)	Net Lifetime Natural Gas (Therms)	Adj Gross Lifetime Natural Gas (Therms)	Net Annual Oil (MMBTU)	Adj Gross Annual Oil (MMBTU)	Net Lifetime Oil (MMBTU)	Adj Gross Lifetime Oil (MMBTU)	Net Annual Propane (MMBTU)	Adj Gross Annual Propane (MMBTU)	Lifetime Propane (MMBTU)	Adj Gross Lifetime Propane (MMBTU)	Net Annual Kerosene (MMBTU)	Adj Gross Annual Kerosene (MMBTU)
2,375.10	23,751.00	23,751.00	520,065.00	520,065.00	-	-	-	-	-	-	-	-	-	-
275.55	2,755.48	2,755.48	50,341.20	50,341.20	-	-	-	-	-	-	-	-	-	-
2,418.00	24,180.00	24,180.00	579,500.00	579,500.00	-	-	-	-	-	-	-	-	-	-
1,508.69	15,086.88	15,086.88	336,465.05	336,465.05	-	-	-	-	-	-	-	-	-	-
264.39	2,643.94	2,643.94	39,659.10	39,659.10	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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1,938.00	19,380.00	19,380.00	344,377.00	344,377.00	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5,847.39	58,473.90	58,473.90	58,473.90	58,473.90	-	-	-	-	-	-	-	-	-	-
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17,269.50	172,695.00	172,695.00	2,543,445.00	2,543,445.00	-	-	-	-	-	-	-	-	-	-
4,374.95	43,749.55	43,749.55	679,047.47	679,047.47	-	-	-	-	-	-	-	-	-	-
394.73	2,575.13	3,947.33	36,070.49	56,263.44	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7,325.70	73,257.00	73,257.00	1,042,275.00	1,042,275.00	-	-	-	-	-	-	-	-	-	-
5,933.33	59,333.30	59,333.30	888,496.92	888,496.92	-	-	-	-	-	-	-	-	-	-
481.00	3,390.95	4,810.00	44,058.32	64,353.00	-	-	-	-	-	-	-	-	-	-
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2,005.64	20,056.40	20,056.40	439,166.00	439,166.00	-	-	-	-	-	-	-	-	-	-
202.75	2,027.48	2,027.48	36,509.20	36,509.20	-	-	-	-	-	-	-	-	-	-
2,637.00	26,370.00	26,370.00	634,250.00	634,250.00	-	-	-	-	-	-	-	-	-	-
1,534.23	15,342.27	15,342.27	342,886.01	342,886.01	-	-	-	-	-	-	-	-	-	-
264.39	2,643.94	2,643.94	39,659.10	39,659.10	-	-	-	-	-	-	-	-	-	-
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1,835.60	18,356.00	18,356.00	324,921.00	324,921.00	-	-	-	-	-	-	-	-	-	-
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5,847.39	58,473.90	58,473.90	58,473.90	58,473.90	-	-	-	-	-	-	-	-	-	-
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9,961.50	99,615.00	99,615.00	1,550,775.00	1,550,775.00	-	-	-	-	-	-	-	-	-	-
4,079.95	40,799.55	40,799.55	615,476.47	615,476.47	-	-	-	-	-	-	-	-	-	-
424.38	2,664.08	4,243.81	37,404.67	60,710.71	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5,394.60	53,946.00	53,946.00	757,830.00	757,830.00	-	-	-	-	-	-	-	-	-	-
5,101.97	51,019.70	51,019.70	762,445.36	762,445.36	-	-	-	-	-	-	-	-	-	-
462.00	3,333.95	4,620.00	43,203.32	61,503.00	-	-	-	-	-	-	-	-	-	-
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Net Lifetime Kerosene (MMBTU)	Adj Gross Lifetime Kerosene (MMBTU)	Net Annual Cord Wood (MMBTU)	Adj Gross Annual Cord Wood (MMBTU)	Net Lifetime Cord Wood (MMBTU)	Adj Gross Lifetime Cord Wood (MMBTU)	Net Annual Wood Pellet (MMBTU)	Adj Gross Annual Wood Pellet (MMBTU)	Net Lifetime Wood Pellet (MMBTU)	Adj Gross Lifetime Wood Pellet (MMBTU)	Total Net Annual MMBTU	Total Net Lifetime MMBTU	Annual Water (Gallons)	Lifetime Water (Gallons)	Winter Peak Energy Benefits ($)
-	-	-	-	-	-	-	-	-	-	2,375.10	52,006.50	-	-	4,263.27
-	-	-	-	-	-	-	-	-	-	275.55	5,034.12	-	-	96.16
-	-	-	-	-	-	-	-	-	-	2,418.00	57,950.00	-	-	-
-	-	22.14	22.14	553.41	553.41	-	-	-	-	1,530.82	34,199.92	15,089.82	105,628.72	1,995.68
-	-	-	-	-	-	-	-	-	-	264.39	3,965.91	-	-	14.77
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	1,938.00	34,437.70	-	-	3,793.75
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	5,847.39	5,847.39	-	-	-
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-	-	-	-	-	-	-	-	-	-	17,269.50	254,344.50	-	-	-
-	-	-	-	-	-	-	-	-	-	4,374.95	67,904.75	352,550.00	2,820,400.00	-
-	-	-	-	-	-	-	-	-	-	257.51	3,607.05	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	7,325.70	104,227.50	638,000.00	4,466,000.00	-
-	-	-	-	-	-	-	-	-	-	5,933.33	88,849.69	709,800.00	7,098,000.00	-
-	-	-	-	-	-	-	-	-	-	339.10	4,405.83	-	-	-
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-	-	-	-	-	-	-	-	-	-	202.75	3,650.92	-	-	98.08
-	-	-	-	-	-	-	-	-	-	2,637.00	63,425.00	-	-	-
-	-	-	-	-	-	-	-	-	-	1,534.23	34,288.60	14,695.08	102,865.59	2,034.44
-	-	-	-	-	-	-	-	-	-	264.39	3,965.91	-	-	15.06
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-	-	-	-	-	-	-	-	-	-	1,835.60	32,492.10	-	-	(232.66)
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-	-	-	-	-	-	-	-	-	-	5,847.39	5,847.39	-	-	-
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-	-	-	-	-	-	-	-	-	-	4,079.95	61,547.65	352,550.00	2,820,400.00	-
-	-	-	-	-	-	-	-	-	-	266.41	3,740.47	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	5,394.60	75,783.00	638,000.00	4,466,000.00	-
-	-	-	-	-	-	-	-	-	-	5,101.97	76,244.54	1,200,360.00	12,984,720.00	-
-	-	-	-	-	-	-	-	-	-	333.40	4,320.33	54,728.10	656,737.20	-
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Winter Off-Peak Energy Benefits ($)	Summer Peak Energy Benefits ($)	Summer Off-Peak Energy Benefits ($)	Energy Benefits	DRIPE Energy Benefits	Total Energy Benefits	Summer Capacity Benefits	Winter Capacity Benefits	DRIPE Capacity Benefits	Reliability Benefits	Pooled Transmission Facilities (PTF) Benefits	Transmission Capacity Benefits	Distribution Capacity Benefits	Total Capacity Benefits	Natural Gas Benefits
4,906.76	2,932.69	2,577.03	14,679.75	727.89	$ 15,408	978.58	-	-	-	5,266.61	-	5,435.50	$ 11,681	416,054.45
103.29	114.27	95.65	409.38	26.77	$ 436	56.20	-	-	-	218.70	-	225.71	$ 501	40,949.61
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	452,641.17
2,575.74	-	-	4,571.41	339.15	$ 4,911	-	-	-	-	-	-	-	$ -	268,726.02
8.43	78.06	65.34	166.60	10.82	$ 177	38.39	-	-	-	149.39	-	154.18	$ 342	32,641.54
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	-
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	-
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	-
4,751.98	(44.58)	(34.64)	8,466.50	568.21	$ 9,035	9.39	-	-	-	15.36	-	15.85	$ 41	263,529.50
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	-
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-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	21,268.22
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	-
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	783,128.13
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	620,085.21
-	-	-	-	-	$ -	-	-	-	-	-	-	-	$ -	26,000.33
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Natural Gas DRIPE Benefits	Total Gas Benefits	Oil Benefits	Oil DRIPE Benefits	Kerosene Benefits	Propane Benefits	Cord Wood Benefits	Wood Pellet Benefits	Water Benefits	Total Other Resource Benefits	Total Resource Benefits	Fossil Emissions	Total Non Energy Impacts	Total Avoided Environmental Benefits
7,089.52	$ 423,144	-	-	-	-	-	-	-	$ -	$ 450,232	75,918.04	75,918	8,805
820.63	$ 41,770	-	-	-	-	-	-	-	$ -	$ 42,707	6,432.76	6,433	318
6,893.65	$ 459,535	-	-	-	-	-	-	-	$ -	$ 459,535	87,872.27	156,802	-
4,494.96	$ 273,221	-	-	-	-	10,867.92	-	904.26	$ 11,772	$ 289,904	49,555.60	92,906	2,918
785.70	$ 33,427	-	-	-	-	-	-	-	$ -	$ 33,947	4,594.91	9,687	150
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
5,219.75	$ 268,749	-	-	-	-	-	-	-	$ -	$ 277,825	43,354.06	85,028	5,099
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
1,784.25	$ 51,758	-	-	-	-	-	-	-	$ -	$ 51,758	4,501.85	12,266	-
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
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39,702.46	$ 1,702,340	-	-	-	-	-	-	-	$ -	$ 1,702,340	298,660.68	554,012	-
11,277.72	$ 505,660	-	-	-	-	-	-	24,004.14	$ 24,004	$ 529,664	85,490.49	161,339	-
421.19	$ 21,689	-	-	-	-	-	-	-	$ -	$ 21,689	4,086.37	7,340	-
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
20,737.71	$ 803,866	-	-	-	-	-	-	38,232.05	$ 38,232	$ 842,098	119,469.24	240,049	-
13,973.40	$ 634,059	-	-	-	-	-	-	59,711.73	$ 59,712	$ 693,770	108,532.48	203,641	-
553.92	$ 26,554	-	-	-	-	-	-	-	$ -	$ 26,554	4,860.87	8,844	-
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
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6,108.50	$ 366,385	-	-	-	-	-	-	-	$ -	$ 377,938	69,545.80	69,546	7,338
615.99	$ 31,105	-	-	-	-	-	-	-	$ -	$ 31,551	5,035.70	5,036	305
7,702.23	$ 516,436	-	-	-	-	-	-	-	$ -	$ 516,436	104,435.48	181,901	-
4,664.66	$ 285,451	-	-	-	-	-	-	898.52	$ 899	$ 291,368	54,827.18	98,398	2,788
801.69	$ 34,298	-	-	-	-	-	-	-	$ -	$ 34,829	4,998.28	10,223	144
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
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-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
5,154.01	$ 263,779	-	-	-	-	-	-	-	$ -	$ 263,616	44,359.28	83,902	(196)
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
1,820.55	$ 51,298	-	-	-	-	-	-	-	$ -	$ 51,298	4,855.92	12,551	-
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
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24,886.22	$ 1,111,634	-	-	-	-	-	-	-	$ -	$ 1,111,634	203,637.20	370,382	-
10,715.51	$ 471,552	-	-	-	-	-	-	24,492.50	$ 24,492	$ 496,045	82,770.14	153,503	-
453.45	$ 23,361	-	-	-	-	-	-	-	$ -	$ 23,361	4,615.99	8,120	-
-	$ -	-	-	-	-	-	-	-	$ -	$ -	-	-	-
15,636.93	$ 603,963	-	-	-	-	-	-	39,009.88	$ 39,010	$ 642,973	94,089.80	184,684	-
11,938.64	$ 553,599	-	-	-	-	-	-	110,873.90	$ 110,874	$ 664,473	101,440.22	184,480	-
555.66	$ 26,845	-	-	-	-	-	-	5,572.25	$ 5,572	$ 32,417	5,187.11	9,214	-
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Total Benefits (Legacy NH TRC)	Total Benefits (Granite State Test)	Total Benefits (Utility Cost Test)	Total Benefits (Secondary GST)	Total Electric DRIPE	Total Gas DRIPE	Other fuels benefit (all except gas)	Key
							'Calculations Yr 2'!
$ 526,150	$ 526,150	$ 423,144	$ 534,955	$ 728	$ 7,090	$ -	'Calculations Yr 2'!
$ 49,140	$ 49,140	$ 41,770	$ 49,458	$ 27	$ 821	$ -	'Calculations Yr 2'!
$ 616,337	$ 547,407	$ 459,535	$ 616,337	$ -	$ 6,894	$ -	'Calculations Yr 2'!
$ 382,809	$ 339,459	$ 273,221	$ 385,727	$ 339	$ 4,495	$ 10,868	'Calculations Yr 2'!
$ 43,634	$ 38,542	$ 33,427	$ 43,783	$ 11	$ 786	$ -	'Calculations Yr 2'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 2'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 2'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 2'!
$ 362,852	$ 321,179	$ 268,749	$ 367,951	$ 568	$ 5,220	$ -	'Calculations Yr 2'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 2'!
$ 64,024	$ 56,260	$ 51,758	$ 64,024	$ -	$ 1,784	$ -	'Calculations Yr 2'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 2'!
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		$ -	$ -				'Calculations Yr 2'!
$ 2,256,351	$ 2,001,000	$ 1,702,340	$ 2,256,351	$ -	$ 39,702	$ -	'Calculations Yr 2'!
$ 691,003	$ 615,154	$ 505,660	$ 691,003	$ -	$ 11,278	$ -	'Calculations Yr 2'!
$ 29,029	$ 25,776	$ 21,689	$ 29,029	$ -	$ 421	$ -	'Calculations Yr 2'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 2'!
$ 1,082,147	$ 961,567	$ 803,866	$ 1,082,147	$ -	$ 20,738	$ -	'Calculations Yr 2'!
$ 897,412	$ 802,303	$ 634,059	$ 897,412	$ -	$ 13,973	$ -	'Calculations Yr 2'!
$ 35,398	$ 31,415	$ 26,554	$ 35,398	$ -	$ 554	$ -	'Calculations Yr 2'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 2'!
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$ 447,484	$ 447,484	$ 366,385	$ 454,821	$ 499	$ 6,109	$ -	'Calculations Yr 3'!
$ 36,587	$ 36,587	$ 31,105	$ 36,892	$ 27	$ 616	$ -	'Calculations Yr 3'!
$ 698,337	$ 620,872	$ 516,436	$ 698,337	$ -	$ 7,702	$ -	'Calculations Yr 3'!
$ 389,765	$ 346,195	$ 285,451	$ 392,554	$ 346	$ 4,665	$ -	'Calculations Yr 3'!
$ 45,052	$ 39,827	$ 34,298	$ 45,195	$ 11	$ 802	$ -	'Calculations Yr 3'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 3'!
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$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 3'!
$ 347,518	$ 307,976	$ 263,779	$ 347,323	$ 93	$ 5,154	$ -	'Calculations Yr 3'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 3'!
$ 63,849	$ 56,154	$ 51,298	$ 63,849	$ -	$ 1,821	$ -	'Calculations Yr 3'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 3'!
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$ 1,482,016	$ 1,315,271	$ 1,111,634	$ 1,482,016	$ -	$ 24,886	$ -	'Calculations Yr 3'!
$ 649,547	$ 578,815	$ 471,552	$ 649,547	$ -	$ 10,716	$ -	'Calculations Yr 3'!
$ 31,481	$ 27,977	$ 23,361	$ 31,481	$ -	$ 453	$ -	'Calculations Yr 3'!
$ -	$ -	$ -	$ -	$ -	$ -	$ -	'Calculations Yr 3'!
$ 827,658	$ 737,063	$ 603,963	$ 827,658	$ -	$ 15,637	$ -	'Calculations Yr 3'!
$ 848,953	$ 765,914	$ 553,599	$ 848,953	$ -	$ 11,939	$ -	'Calculations Yr 3'!
$ 41,631	$ 37,604	$ 26,845	$ 41,631	$ -	$ 556	$ -	'Calculations Yr 3'!
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Gas	Northe	2023	Planned	C3 - Municipal Energy Solutions	C3d - Muni Direct Install	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Gas	Northe	2023	Planned	C4 - Energy Rewards RFP Program	C4a - Energy Rewards RFP Program	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Gas	Northe	2023	Planned	C5 - C&I Active Demand Response	C5a - C&I Active Demand Response	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Gas	Northe	2023	Planned	C6a - C&I Customer Engagement Platform	C6a - C&I Customer Engagement Platform	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Gas	Northe	2023	Planned	C6b - C&I ISO Forward Capacity Market Expenses	C6b - C&I ISO Forward Capacity Market Expenses	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Gas	Northe	2023	Planned	C6c - C&I Education	C6c - C&I Education	$	-	$	-	$	12,397	$	5,025	$	1,088	$	-	$	18,509
Gas	Northe	2023	Planned	C6d - C&I Customer Partnerships	C6d - C&I Customer Partnerships	$	-	$	-	$	-	$	-	$	-	$	-	$	-
Gas	Northe	2023	Planned	C6e - Smart Start	C6e - Smart Start	$	-	$	-	$	-	$	-	$	-	$	-	$	-

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Water not included

Program Cost-Effectiveness - 2022 PLAN

	Granite State Test (Net)	*Utility Cost Test*	*Secondary Granite State Test*	Total Resource Cost Test (Net)	Granite State Test (Net)	*Utility Cost Test*	*Secondary Granite State Test* [1]	Utility Costs ($000 - 2022$)[2]	Customer Costs ($000 - 2022$)[2]	Annual Adj. Gross MWh Savings	Annual Net MWh Savings	Lifetime Adj. Gross MWh Savings	Lifetime Net MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served	Annual Net MMBtu Savings	Lifetime Net MMBtu Savings
Residential Programs																		
B1 - Home Energy Assistance	1.03	*0.83*	*1.05*	575.3	575.3	*464.9*	*584.4*	556.9	-	12.8	12.8	273.8	273.8	2.0	3.4	56	2,650.6	57,040.6
A1 - Energy Star Homes	1.83	*1.54*	*1.48*	616.3	547.4	*459.5*	*616.3*	298.5	116.6	-	-	-	-	-	-	106	2,418.0	57,950.0
A2 - Home Performance with Energy Star	1.14	*0.92*	*1.04*	426.4	378.0	*306.6*	*429.5*	332.9	80.5	5.0	5.0	74.7	74.7	1.5	0.1	75	1,795.2	38,165.8
A3 - Energy Star Products	1.95	*1.63*	*1.17*	362.9	321.2	*268.7*	*368.0*	164.6	150.6	7.9	7.9	132.4	132.4	2.4	0.0	182	1,938.0	34,437.7
A4 - Residential Behavior	1.38	*1.27*	*1.57*	64.0	56.3	*51.8*	*64.0*	40.7	-	-	-	-	-	-	-	11,200	5,847.4	5,847.4
Sub-Total Residential	**1.33**	***1.10***	***1.17***	**2,044.9**	**1,878.1**	***1,551.6***	***2,062.2***	**1,411.8**	**347.7**	**25.7**	**25.7**	**480.9**	**480.9**	**5.9**	**3.6**	**11,619**	**14,649.3**	**193,441.5**
Commercial, Industrial & Municipal																		
C1 - Large Business Energy Solutions	3.88	*3.27*	*2.16*	2,976.4	2,641.9	*2,229.7*	*2,976.4*	681.3	698.6	-	-	-	-	-	-	118	21,902.0	325,856.3
C2 - Small Business Energy Solutions	2.66	*2.17*	*2.24*	2,015.0	1,795.3	*1,464.5*	*2,015.0*	675.4	225.4	-	-	-	-	-	-	168	13,598.1	197,483.0
C6c - C&I Education	-	-	-	-	-	-	-	15.9	-	-	-	-	-	-	-	-	-	-
Sub-Total Commercial & Industrial	**3.23**	***2.69***	***2.17***	**4,991.3**	**4,437.2**	***3,694.2***	***4,991.3***	**1,372.5**	**924.1**	**-**	**-**	**-**	**-**	**-**	**-**	**286**	**35,500.1**	**523,339.3**
Total	**2.27**	***1.88***	***1.74***	**7,036.3**	**6,315.4**	***5,245.8***	***7,053.6***	**2,784.3**	**1,271.7**	**25.7**	**25.7**	**480.9**	**480.9**	**5.9**	**3.6**	**11,905**	**50,149.3**	**716,780.9**

Notes:

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322, and includes an annual NEI adder of $405.71 per weatherization project in the Home Energy Assistance program. For the Secondary Granite State Test, NEI adders of 15% for Residential and 15% for C&I are applied to total benefits excluding water.

(2) Utility and Customer Costs and Benefits are expressed in 2022 Dollars.

(3) Per past precedent, discount and inflation rates have been updated for the year in which measures will be installed, and were updated as of June 2021 for program year 2022.

Annual Savings as a % of 2019 Sales	0.66%

Spending per Customer	Low-Income	$ 439.86
	Residential	$ 33.61
	C&I	$ 195.71

Program Cost-Effectiveness - 2023 PLAN

	Granite State Test (Net)	*Utility Cost Test*	*Secondary Granite State Test*	Total Resource Cost Test (Net)	Granite State Test (Net)	*Utility Cost Test*	*Secondary Granite State Test* [1]	Utility Costs ($000 - 2022$)[2]	Customer Costs ($000 - 2022$)[2]	Annual Adj. Gross MWh Savings	Annual Net MWh Savings	Lifetime Adj. Gross MWh Savings	Lifetime Net MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served	Annual Net MMBtu Savings	Lifetime Net MMBtu Savings
Residential Programs																		
B1 - Home Energy Assistance	1.01	*0.83*	*1.03*	484.1	484.1	*397.5*	*491.7*	479.3	-	10.9	10.9	232.4	232.4	0.0	-	56	2,208.4	47,567.5
A1 - Energy Star Homes	1.93	*1.61*	*1.57*	698.3	620.9	*516.4*	*698.3*	321.2	124.8	-	-	-	-	-	-	106	2,637.0	63,425.0
A2 - Home Performance with Energy Star	1.11	*0.92*	*1.03*	434.8	386.0	*319.7*	*437.7*	347.3	79.6	5.0	5.0	74.7	74.7	1.5	0.1	6	1,798.6	38,254.5
A3 - Energy Star Products	1.83	*1.57*	*1.17*	347.5	308.0	*263.8*	*347.3*	168.2	127.5	7.9	7.9	132.4	132.4	(0.0)	0.1	182	1,835.6	32,492.1
A4 - Residential Behavior	1.30	*1.19*	*1.48*	63.8	56.2	*51.3*	*63.8*	43.3	-	-	-	-	-	-	-	11,200	5,847.4	5,847.4
A6c - Res Education	-	-	-	-	-	-	-	20.0	-	-	-	-	-	-	-	-	-	-
Sub-Total Residential	**1.35**	***1.12***	***1.19***	**2,028.6**	**1,855.1**	***1,548.8***	***2,039.0***	**1,379.2**	**331.9**	**23.8**	**23.8**	**439.5**	**439.5**	**1.6**	**0.2**	**11,550**	**14,327.0**	**187,586.5**
Commercial, Industrial & Municipal																		
C1 - Large Business Energy Solutions	3.83	*3.20*	*2.12*	2,163.0	1,922.1	*1,606.5*	*2,163.0*	502.0	520.3	-	-	-	-	-	-	108	14,307.9	220,365.6
C2 - Small Business Energy Solutions	3.10	*2.38*	*2.54*	1,718.2	1,540.6	*1,184.4*	*1,718.2*	497.4	179.1	-	-	-	-	-	-	140	10,830.0	156,347.9
C6c - C&I Education	-	-	-	-	-	-	-	17.9	-	-	-	-	-	-	-	-	-	-
Sub-Total Commercial & Industrial	**3.40**	***2.74***	***2.26***	**3,881.3**	**3,462.6**	***2,791.0***	***3,881.3***	**1,017.4**	**699.4**	**-**	**-**	**-**	**-**	**-**	**-**	**248**	**25,137.8**	**376,713.5**
Total	**2.22**	***1.81***	***1.73***	**5,909.9**	**5,317.7**	***4,339.7***	***5,920.3***	**2,396.6**	**1,031.4**	**23.8**	**23.8**	**439.5**	**439.5**	**1.6**	**0.2**	**11,798**	**39,464.8**	**564,300.0**

Notes:

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322, and includes an annual NEI adder of $405.71 per weatherization project in the Home Energy Assistance program. For the Secondary Granite State Test, NEI adders of 25% for Residential and 10% for C&I are applied to total benefits excluding water.

(2) Utility and Customer Costs and Benefits are expressed in 2022 Dollars.

(3) Per past precedent, discount and inflation rates have been updated for the year in which measures will be installed, and were updated as of June 2021 for program year 2022.

Annual Savings as a % of 2019 Sales	0.52%

Spending per Customer	Low-Income	$ 378.61
	Residential	$ 35.38
	C&I	$ 145.07

Present Value Benefits 2022 Plan

	Total Benefits ($000)			Resource Benefits ($000)																	Non-Resource Benefits ($000)			Environ-mental Benefits ($000)
				Electric											Gas Benefit									
				CAPACITY					ENERGY															
	Granite State Test	*Utility Cost Test*	*Secondary Granite State Test*	Summer Generation	Winter Generation	Transmission	Distribution	Reliability	Winter Peak	Winter Off Peak	Summer Peak	Summer Off Peak	Electric DRIPE	Total Electric Benefit	Gas Benefit	Gas DRIPE	Total Gas Benefit	Water Benefit	Total Resource Benefits	Fossil Emissions	Other Non-Resource Benefits	Total Non-Resource Benefits	
Residential Programs																								
B1 - Home Energy Assistance	**$ 575**	*$ 465*	*$ 584*	$ 1	$ -	$ 5	$ 6	$ -	$ 4	$ 5	$ 3	$ 3	$ 1	**$ 28**	$ 457	$ 8	$ 465	$ -	**$ 493**	$ 82	$ -	**$ 82**	**$ 9**
A1 - Energy Star Homes	**$ 547**	*$ 460*	*$ 616*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 453	$ 7	$ 460	$ -	**$ 460**	$ 88	$ 69	**$ 157**	**$ -**
A2 - Home Performance with Energy Star	**$ 378**	*$ 307*	*$ 430*	$ 0	$ -	$ 0	$ 0	$ -	$ 2	$ 3	$ 0	$ 0	$ 0	**$ 5**	$ 301	$ 5	$ 307	$ 1	**$ 324**	$ 54	$ 48	**$ 103**	**$ 3**
A3 - Energy Star Products	**$ 321**	*$ 269*	*$ 368*	$ 0	$ -	$ 0	$ 0	$ -	$ 4	$ 5	$ (0)	$ (0)	$ 1	**$ 9**	$ 264	$ 5	$ 269	$ -	**$ 278**	$ 43	$ 42	**$ 85**	**$ 5**
A4 - Residential Behavior	**$ 56**	*$ 52*	*$ 64*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 50	$ 2	$ 52	$ -	**$ 52**	$ 5	$ 8	**$ 12**	**$ -**
	$ -	*$ -*	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	**$ -**	**$ -**
Sub-Total Residential	**$ 1,878**	*$ 1,552*	*$ 2,062*	**$ 1**	**$ -**	**$ 6**	**$ 6**	**$ -**	**$ 10**	**$ 12**	**$ 3**	**$ 3**	**$ 2**	**$ 43**	**$ 1,525**	**$ 27**	**$ 1,552**	**$ 1**	**$ 1,606**	**$ 272**	**$ 167**	**$ 439**	**$ 17**
	$ -	*$ -*	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	**$ -**	**$ -**
Commercial/Industrial Programs	**$ -**	*$ -*	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	**$ -**	**$ -**
C1 - Large Business Energy Solutions	**$ 2,642**	*$ 2,230*	*$ 2,976*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 2,178	$ 51	$ 2,230	$ 24	**$ 2,254**	$ 388	$ 334	**$ 723**	**$ -**
C2 - Small Business Energy Solutions	**$ 1,795**	*$ 1,464*	*$ 2,015*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 1,429	$ 35	$ 1,464	$ 98	**$ 1,562**	$ 233	$ 220	**$ 453**	**$ -**
C3 - Municipal Energy Solutions																							
	$ -	*$ -*	*$ -*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	$ -	$ -	**$ -**	$ -	$ -	**$ -**	**$ -**
Sub-Total Commercial & Industrial	**$ 4,437**	*$ 3,694*	*$ 4,991*	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 3,608**	**$ 87**	**$ 3,694**	**$ 122**	**$ 3,816**	**$ 621**	**$ 554**	**$ 1,175**	**$ -**
Total	**$ 6,315**	*$ 5,246*	*$ 7,054*	**$ 1**	**$ -**	**$ 6**	**$ 6**	**$ -**	**$ 10**	**$ 12**	**$ 3**	**$ 3**	**$ 2**	**$ 43**	**$ 5,132**	**$ 114**	**$ 5,246**	**$ 123**	**$ 5,422**	**$ 893**	**$ 721**	**$ 1,614**	**$ 17**

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322. Benefits are calculated based on net savings.
(2) Non-resource benefits include NEIs, which are only applied to the Home Energy Asssitance program in the GST primary cost test.
(3) Non-embedded environmental benefits are not included in the GST primary cost test.

Present Value Benefits - 2023 PLAN

	Total Benefits ($000)			Resource Benefits ($000)																	Non-Resource Benefits ($000)			Environ-mental Benefits ($000)
				Electric											Gas Benefit									
				CAPACITY					ENERGY															
	Granite State Test	*Utility Cost Test*	*Secondary Granite State Test*	Summer Generation	Winter Generation	Transmission	Distribution	Reliability	Winter Peak	Winter Off Peak	Summer Peak	Summer Off Peak	Electric DRIPE	Total Electric Benefit	Gas Benefit	Gas DRIPE	Total Gas Benefit	Water Benefit	Total Resource Benefits	Fossil Emissions	Other Non-Resource Benefits	Total Non-Resource Benefits	
Residential Programs																								
B1 - Home Energy Assistance	**$ 484**	*$ 397*	*$ 492*	$ -	$ -	$ -	$ -	$ -	$ 1	$ 1	$ 5	$ 4	$ 1	**$ 12**	$ 391	$ 7	$ 397	$ -	**$ 409**	$ 75	$ -	**$ 75**	**$ 8**
A1 - Energy Star Homes	**$ 621**	*$ 516*	*$ 698*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 509	$ 8	$ 516	$ -	**$ 516**	$ 104	$ 77	**$ 182**	**$ -**
A2 - Home Performance with Energy Star	**$ 386**	*$ 320*	*$ 438*	$ 0	$ -	$ 0	$ 0	$ -	$ 2	$ 3	$ 0	$ 0	$ 0	**$ 6**	$ 314	$ 5	$ 320	$ 1	**$ 326**	$ 60	$ 49	**$ 109**	**$ 3**
A3 - Energy Star Products	**$ 308**	*$ 264*	*$ 347*	$ 0	$ -	$ 0	$ 0	$ -	$ (0)	$ (0)	$ (0)	$ (0)	$ 0	**$ (0)**	$ 259	$ 5	$ 264	$ -	**$ 264**	$ 44	$ 40	**$ 84**	**$ (0)**
A4 - Residential Behavior	**$ 56**	*$ 51*	*$ 64*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 49	$ 2	$ 51	$ -	**$ 51**	$ 5	$ 8	**$ 13**	**$ -**
Sub-Total Residential	**$ 1,855**	*$ 1,549*	*$ 2,039*	**$ 0**	**$ -**	**$ 0**	**$ 0**	**$ -**	**$ 3**	**$ 3**	**$ 5**	**$ 5**	**$ 1**	**$ 17**	**$ 1,522**	**$ 27**	**$ 1,549**	**$ 1**	**$ 1,567**	**$ 288**	**$ 173**	**$ 462**	**$ 10**
Commercial/Industrial Programs																								
C1 - Large Business Energy Solutions	**$ 1,922**	*$ 1,607*	*$ 2,163*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 1,570	$ 36	$ 1,607	$ 24	**$ 1,631**	$ 291	$ 241	**$ 532**	**$ -**
C2 - Small Business Energy Solutions	**$ 1,541**	*$ 1,184*	*$ 1,718*	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	**$ -**	$ 1,156	$ 28	$ 1,184	$ 155	**$ 1,340**	$ 201	$ 178	**$ 378**	**$ -**
C3 - Municipal Energy Solutions																								
Sub-Total Commercial & Industrial	**$ 3,463**	*$ 2,791*	*$ 3,881*	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,727**	**$ 64**	**$ 2,791**	**$ 180**	**$ 2,971**	**$ 492**	**$ 419**	**$ 910**	**$ -**
Total	**$ 5,318**	*$ 4,340*	*$ 5,920*	**$ 0**	**$ -**	**$ 0**	**$ 0**	**$ -**	**$ 3**	**$ 3**	**$ 5**	**$ 5**	**$ 1**	**$ 17**	**$ 4,249**	**$ 91**	**$ 4,340**	**$ 181**	**$ 4,538**	**$ 780**	**$ 592**	**$ 1,372**	**$ 10**

(1) The Granite State Test is used as the primary cost test, as approved in Order No. 26,322. Benefits are calculated based on net savings.

(2) Non-resource benefits include NEIs, which are only applied to the Home Energy Asssitance program in the GST primary cost test.

(3) Non-embedded environmental benefits are not included in the GST primary cost test.

Portfolio Planned Versus Actual Performance - 2022

	Portfolio	Planned	Threshold	Actual	% of Plan	Design Coefficient	Actual Coefficient	Planned PI	*125% of Planned PI*	Actual PI	Source
1	Lifetime MMBtu Savings	716,781	*537,586*		-	2.475%	-	$ 68,911	*$ 86,139*	$ -	Planned and Actual from Cost Eff Tab
2	Annual MMBtu Savings	50,149	*37,612*		-	1.100%	-	$ 30,627	*$ 38,284*	$ -	Planned and Actual from Cost Eff Tab
3	Total Resource Benefits	5,422,022	*3,524,315*		-		-			$ -	Planned and Actual from Cost Eff Tab
4	Total Utility Costs[1]	2,784,298	*1,809,793*		-		-			$ -	Planned and Actual from Cost Eff Tab
5	Net Benefits	2,637,725	*1,714,521*			1.925%		$ 53,598	*$ 66,997*	$ -	Planned and Actual from ADR Cost Eff Tab
6	Total					5.500%	-	**$ 153,136**	***$ 191,420***	$ -	

		Granite State Test Planned	Granite State Test Actual	Source
7	Total Benefits (GST)	$ 6,315,352		Planned and Actual from Cost Eff Tab
8	Performance Incentive	$ 153,136	$ -	
9	Total Utility Costs	$ 2,784,298	$ -	
10	**Portfolio GST BCR**	**2.15**	**-**	

[1] Note that in order to avoid a circular reference in the calculation of performance incentive, "Total Utility Costs" does not include the value of PI.

	Portfolio Planned Versus Actual Performance - 2023										
	Portfolio	Planned	Threshold	Actual	% of Plan	Design Coefficient	Actual Coefficient	Planned PI	*125% of Planned PI*	Actual PI	Source
1	Lifetime MMBtu Savings	564,300	*423,225*		-	2.475%	-	$ 59,316	*$ 66,248*	$ -	Planned and Actual from Cost Eff Tab
2	Annual MMBtu Savings	39,465	*29,599*		-	1.100%	-	$ 26,363	*$ 29,443*	$ -	Planned and Actual from Cost Eff Tab
3	Total Resource Benefits	4,537,940	*2,949,661*		-		-			$ -	Planned and Actual from Cost Eff Tab
4	Total Utility Costs[1]	2,396,601			-		-			$ -	Planned and Actual from Cost Eff Tab
5	Net Benefits	2,141,339	*1,391,870*			1.925%		$ 46,135	*$ 51,526*	$ -	Planned and Actual from ADR Cost Eff Tab
6	Total					5.500%	-	$ 131,813	$ 147,217	$ -	

		Granite State Test		
		Planned	Actual	Source
7	Total Benefits	$ 5,317,738		Planned and Actual from Cost Eff Tab
8	Performance Incentive	$ 131,813	$ -	from row 9 above
9	Total Utility Costs	$ 2,396,601		from row 7 above
10	**Portfolio GST BCR**	-	-	row 10 divided by rows 11+12

Costs, Benefits, and PI Expressed in 2022 Dollars. Nominal PI (2023$) is $136,096.96.

[1] Note that in order to avoid a circular reference in the calculation of performance incentive, "Total Utility Costs" does not include the value of PI.

Program Summary - 2021 - 2023 PLAN

Home Energy Assistance			Quantity		Measure Life		Net to Gross		In Service Rate		Non-Electric Realization Rate		Net Annual MMBtu Savings		Net Lifetime MMBtu Savings	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
B1a - HEA (Weatherization)	Air Sealing, Gas	G21B1a001	45	38	15	15	100%	100%	100%	100%	91%	91%	737	622	11,057	9,337
B1a - HEA (Weatherization)	Faucet Aerator, Gas	G21B1a002	-	-	7	7	100%	100%	100%	100%	91%	91%	-	-		
B1a - HEA (Weatherization)	Hand Held Showerhead, Gas	G21B1a003	-	-	7	7	100%	100%	100%	100%	91%	91%	-	-		
B1a - HEA (Weatherization)	Insulation, Gas	G21B1a004	45	38	25	25	100%	100%	100%	100%	91%	91%	1,638	1,383	40,950	34,580
B1a - HEA (Weatherization)	LED Bulb, General Service Lamps	G21B1a005	-	-	2	2	100%	100%	98%	98%	91%	91%	-	-		
B1a - HEA (Weatherization)	LED Bulb, Linear	G21B1a006	-	-	10	10	100%	100%	98%	98%	91%	91%	-	-		
B1a - HEA (Weatherization)	LED Bulb, Other Specialty	G21B1a007	-	-	2	2	100%	100%	98%	98%	91%	91%	-	-		
B1a - HEA (Weatherization)	LED Bulb, Reflector	G21B1a008	-	-	2	2	100%	100%	98%	98%	91%	91%	-	-		
B1a - HEA (Weatherization)	LED Fixture	G21B1a009	-	-	2	2	100%	100%	98%	98%	91%	91%	-	-		
B1a - HEA (Weatherization)	Low Flow Showerhead, Gas	G21B1a010	-	-	7	7	100%	100%	100%	100%	91%	91%	-	-		
B1a - HEA (Weatherization)	Pipe Insulation - Hot Water, Gas	G21B1a011	-	-	15	15	100%	100%	100%	100%	91%	91%	-	-		
B1a - HEA (Weatherization)	Visual Audit	G21B1a012	-	-	1	1	100%	100%	100%	100%	91%	91%	-	-		
B1a - HEA (Weatherization)	Baseload Audit - SF	G21B1a013	-	-	1	1	100%	100%	100%	100%	91%	91%	-	-		
B1a - HEA (Weatherization)	Baseload Audit - MF	G21B1a014	-	-	1	1	100%	100%	100%	100%	91%	91%	-	-		
B1b - HEA (HVAC Systems)	Boiler Replacement, Gas	G21B1b001	6	4	19	19	100%	100%	100%	100%	91%	91%	218	146	4,150	2,766
B1b - HEA (HVAC Systems)	Furnace Replacement, Gas	G21B1b002	1	1	17	17	100%	100%	100%	100%	91%	91%	14	14	232	232
B1b - HEA (HVAC Systems)	Programmable Thermostat, Gas	G21B1b003	12	12	15	15	100%	100%	100%	100%	91%	91%	38	38	573	573
B1b - HEA (HVAC Systems)	Wifi Thermostat, Gas	G21B1b004	1	1	15	15	100%	100%	100%	100%	91%	91%	5	5	79	79
Home Energy Assistance Subtotal													**2,651**	**2,208**	**57,041**	**47,568**

Energy Star Homes			Quantity		Measure Life		Net to Gross		In Service Rate		Non-Electric Realization Rate		Net Annual MMBtu Savings		Net Lifetime MMBtu Savings	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A1a - ES Homes	Cooling, Electric, SF	G21A1a001	-	-	25	25	100%	100%	100%	100%	100%	100%	-	-		
A1a - ES Homes	Heating, Gas, SF	G21A1a002	64	70	25	25	100%	100%	100%	100%	100%	100%	1,664	1,820	41,600	45,500
A1a - ES Homes	Hot Water, Gas, SF	G21A1a003	50	50	15	15	100%	100%	100%	100%	100%	100%	175	175	2,625	2,625
A1a - ES Homes	Cooling, Electric, MF	G21A1a002	-	-	25	25	100%	100%	100%	100%	100%	100%	-	-		
A1a - ES Homes	Heating, Gas, MF	G21A1a005	32	36	25	25	100%	100%	100%	100%	100%	100%	504	567	12,600	14,175
A1a - ES Homes	Hot Water, Gas, MF	G21A1a006	25	25	15	15	100%	100%	100%	100%	100%	100%	75	75	1,125	1,125
A1a - ES Homes	LED Bulb	G21A1a007	-	-	5	5	100%	100%	100%	100%	100%	100%	-	-		
A1a - ES Homes	LED Fixture	G21A1a008	-	-	5	5	100%	100%	100%	100%	100%	100%	-	-		
A1a - ES Homes	Clothes Washer	G21A1a009	-	-	11	11	100%	100%	100%	100%	100%	100%	-	-		
A1a - ES Homes	Residential New Construction Code Com	G21A1a010	-	-	-	-	100%	100%	100%	100%	35%	35%	-	-		
	Energy Star Homes Subtotal												**2,418**	**2,637**	**57,950**	**63,425**

Home Performance with Energy Star			Quantity		Measure Life		Net to Gross		In Service Rate		Non-Electric Realization Rate		Net Annual MMBtu Savings		Net Lifetime MMBtu Savings	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A2a - HPwES (Weatherization)	Air Sealing, Gas	G21A2a001	32	32	15	15	100%	100%	99%	99%	104%	104%	395	395	5,930	5,930
A2a - HPwES (Weatherization)	Faucet Aerator, Gas	G21A2a002	8	8	7	7	100%	100%	99%	99%	104%	104%	1	1	9	9
A2a - HPwES (Weatherization)	Hand Held Showerhead, Gas	G21A2a003	8	8	7	7	100%	100%	99%	99%	104%	100%	5	5	37	35
A2a - HPwES (Weatherization)	Insulation, Gas	G21A2a004	43	44	25	25	100%	100%	99%	99%	104%	104%	1,107	1,133	27,671	28,314
A2a - HPwES (Weatherization)	LED Bulb, General Service Lamps	G21A2a005	-	-	2	2	100%	100%	98%	98%	100%	100%	-	-		
A2a - HPwES (Weatherization)	LED Bulb, Linear	G21A2a006	-	-	10	10	100%	100%	98%	98%	100%	100%	-	-		
A2a - HPwES (Weatherization)	LED Bulb, Other Specialty	G21A2a007	-	-	2	2	100%	100%	98%	98%	100%	100%	-	-		
A2a - HPwES (Weatherization)	LED Bulb, Reflector	G21A2a008	-	-	2	2	100%	100%	98%	98%	100%	100%	-	-		
A2a - HPwES (Weatherization)	LED Fixture	G21A2a009	-	-	2	2	100%	100%	98%	98%	100%	100%	-	-		
A2a - HPwES (Weatherization)	Low Flow Showerhead, Gas	G21A2a010	-	-	7	7	100%	100%	99%	99%	104%	100%	-	-		
A2a - HPwES (Weatherization)	Pipe Insulation - Hot Water, Gas	G21A2a011	-	-	15	15	100%	100%	99%	99%	104%	104%	-	-		
A2a - HPwES (Weatherization)	Baseload Audit - Electric Savings	G21A2a012	-	-	1	1	100%	100%	99%	99%	100%	100%	-	-		
A2a - HPwES (Weatherization)	Baseload Audit - Thermal Savings	G21A2a013	-	-	1	1	100%	100%	99%	99%	100%	100%	-	-		
A2a - HPwES (Weatherization)	Visual Audit	G21A2a014	30	25	1	1	100%	100%	99%	99%	100%	100%	-	-	-	-
			-	-	-	-	0%	100%	0%	99%	0%	100%	-	-		
A2b - HPwES (HVAC Systems)	Boiler Replacement, Gas	G21A2b001	-	-	19	19	100%	100%	99%	99%	100%	100%	-	-		
A2b - HPwES (HVAC Systems)	Furnace Replacement, Gas	G21A2b002	-	-	17	17	100%	100%	99%	99%	100%	100%	-	-		
A2b - HPwES (HVAC Systems)	Programmable Thermostat, Gas	G21A2b003	65	65	15	15	100%	100%	99%	99%	104%	104%	234	234	3,514	3,514
A2b - HPwES (HVAC Systems)	Wifi Thermostat, Gas	G21A2b004	5	5	15	15	100%	100%	100%	100%	104%	104%	30	30	452	452
	Home Performance with Energy Star Subtotal												**1,773**	**1,799**	**37,612**	**38,255**

Energy Start Appliances			Quantity		Measure Life		Net to Gross		In Service Rate		Non-Electric Realization Rate		Net Annual MMBtu Savings		Net Lifetime MMBtu Savings	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A3b - ES Appliances	Early Replacement Boiler, FHW - EE 90	G21A3b001	-	-	19	19	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Early Replacement Boiler, FHW - Retiren	G21A3b002	-	-	19	19	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Early Replacement Boiler, Steam - EE: 8	G21A3b003	-	-	19	19	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Early Replacement Boiler, Steam - Retire	G21A3b004	-	-	19	19	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Boiler Reset Controls	G21A3b005	10	10	15	15	100%	100%	100%	100%	100%	100%	51	51	765	765
A3b - ES Appliances	Condensing Boiler >= 90% AFUE (Up to	G21A3b006	-	-	19	19	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Condensing Boiler >= 95% AFUE (Up to	G21A3b007	35	35	19	19	100%	100%	100%	100%	100%	100%	518	518	9,842	9,842
A3b - ES Appliances	Furnace 95+ AFUE (<150) w/ECM Motor	G21A3b008	40	40	17	17	100%	100%	100%	100%	100%	100%	392	392	6,664	6,664
A3b - ES Appliances	Furnace 97+ AFUE (<150) w/ECM Motor	G21A3b009	40	40	17	17	100%	100%	100%	100%	100%	100%	412	412	7,004	7,004
A3b - ES Appliances	Heat Recovery Ventilator (-133 kWh pena	G21A3b010	1	1	20	20	100%	100%	100%	100%	100%	100%	8	8	154	154
A3b - ES Appliances	Programmable Thermostat	G21A3b011	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Indirect Water Heater (attached to ES FH	G21A3b012	-	-	20	20	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Integrated Water Heater w/Condensing B	G21A3b013	1	1	19	19	100%	100%	100%	100%	100%	100%	8	8	160	160
A3b - ES Appliances	Integrated Water Heater w/Condensing B	G21A3b014	23	15	19	19	100%	100%	100%	100%	100%	100%	294	192	5,594	3,648
A3b - ES Appliances	Condensing Water Heater (EF 0.95)	G21A3b015	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Stand Alone Storage Tank Water Heater	G21A3b016	-	-	13	13	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Tankless On-Demand Water Heater, >=	G21A3b017	-	-	19	19	100%	100%	100%	100%	100%	100%	-	-		
A3b - ES Appliances	Tankless On-Demand Water Heater, >=	G21A3b018	15	15	19	19	100%	100%	100%	100%	100%	100%	110	110	2,081	2,081
A3b - ES Appliances	WiFi Thermostat (Heating Only)	G21A3b019	10	10	15	15	100%	100%	100%	100%	100%	100%	58	58	870	870
A3b - ES Appliances	WiFi Thermostat (Heating & Cooling)	G21A3b020	15	15	15	15	100%	100%	100%	100%	100%	100%	87.0	87.0	1,305.0	1,305.0
	Energy Star Appliances Subtotal												**1,938**	**1,836**	**34,438**	**32,492**

Home Energy Reports			Quantity		Measure Life		Net to Gross		In Service Rate		Non-Electric Realization Rate		Net Annual MMBtu Savings		Net Lifetime MMBtu Savings	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
A4a - Residential Behavior	Home Energy Reports	G21A4a001	11,200	11,200	1	1	100%	100%	100%	100%	100%	100%	5,847	5,847	5,847	5,847
	Home Energy Reports Subtotal												**5,847**	**5,847**	**5,847**	**5,847**

Large Commercial and Industrial			Quantity		Measure Life		Net to Gross		In Service Rate		Non-Electric Realization Rate		Net Annual MMBtu Savings		Net Lifetime MMBtu Savings	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
C1a - LCI Retrofit	Custom Large Hot Water Retro	G21C1a001	-	-	10	10	100%	100%	100%	100%	87%	87%	-	-		
C1a - LCI Retrofit	Custom Large HVAC Retro	G21C1a002	7	6	20	20	100%	100%	100%	100%	87%	87%	4,263	3,654	85,260	73,080
C1a - LCI Retrofit	Custom Large Other Retro	G21C1a003	9	5	13	13	100%	100%	100%	100%	87%	87%	4,307	2,393	55,985	31,103
C1a - LCI Retrofit	Custom Large Process Retro	G21C1a004	5	3	13	13	100%	100%	100%	100%	87%	87%	8,700	3,915	113,100	50,895
C1a - LCI Retrofit	Faucet Aerator, Gas	G21C1a005	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Low Flow Showerhead With Thermostati	G21C1a006	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Low Flow Showerhead, Gas	G21C1a007	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Pipe Wrap - Hot Water, Gas	G21C1a008	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Pre Rinse Spray Valve, Gas	G21C1a009	-	-	8	8	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Boiler Reset Controls, Gas	G21C1a010	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Boiler Tune-Ups	G21C1a011	-	-	1	1	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Energy Management System, Gas	G21C1a012	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Pipe Insulation - Heating, Gas	G21C1a013	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Steam Trap, Gas	G21C1a014	-	-	6	6	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	Programmable Thermostat, Gas	G21C1a015	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
C1a - LCI Retrofit	WiFi Thermostat (Heating & Cooling)	G21C1a016	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Custom Large Hot Water New	G21C1b001	3	3	10	10	100%	100%	100%	100%	87%	87%	205	205	2,051	2,051
C1b - LCI New Equipment and Con	Custom Large HVAC New	G21C1b002	2	2	18	18	100%	100%	100%	100%	87%	87%	1,044	1,044	18,792	18,792
C1b - LCI New Equipment and Con	Custom Large Other New	G21C1b003	2	2	13	13	100%	100%	100%	100%	87%	87%	992	992	12,893	12,893
C1b - LCI New Equipment and Con	Custom Large Process New	G21C1b004	-	-	13	13	100%	100%	100%	100%	87%	87%	-	-		
C1b - LCI New Equipment and Con	Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C1b005	3	2	25	25	100%	100%	100%	100%	100%	100%	496	331	12,398	8,265
C1b - LCI New Equipment and Con	Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C1b006	1	1	25	25	100%	100%	100%	100%	100%	100%	95	95	2,363	2,363
C1b - LCI New Equipment and Con	Boiler 500 to 999 MBH 90 AFUE, Gas	G21C1b007	2	1	25	25	100%	100%	100%	100%	100%	100%	103	51	2,570	1,285
C1b - LCI New Equipment and Con	Boiler 301 to 499 MBH 90 AFUE, Gas	G21C1b008	4	4	25	25	100%	100%	100%	100%	100%	100%	112	112	2,800	2,800
C1b - LCI New Equipment and Con	Boiler to 300 MBH 90 AFUE, Gas	G21C1b009	-	-	25	25	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Boiler to 300 MBH 95 AFUE, Gas	G21C1b010	-	-	25	25	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Combo Condensing Boiler / Water Heate	G21C1b011	-	-	25	25	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Combo Furnace / Water Heater, Gas	G21C1b012	-	-	18	18	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Condensing Unit Heater, Gas	G21C1b013	-	-	18	18	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Furnace w/ ECM 95 AFUE, Gas	G21C1b014	-	-	18	18	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Furnace w/ ECM 97 AFUE, Gas	G21C1b015	-	-	18	18	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Infrared Heater, Gas	G21C1b016	10	10	17	17	100%	100%	100%	100%	100%	100%	120	120	2,040	2,040
C1b - LCI New Equipment and Con	Faucet Aerator, Gas	G21C1b017	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Low Flow Showerhead With Thermostati	G21C1b018	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Low Flow Showerhead, Gas	G21C1b019	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Pre Rinse Spray Valve, Gas	G21C1b020	55	55	8	8	100%	100%	100%	100%	100%	100%	627	627	5,016	5,016
C1b - LCI New Equipment and Con	Combination Oven, Gas	G21C1b021	-	-	12	12	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Convection Oven, Gas	G21C1b022	1	1	12	12	100%	100%	100%	100%	100%	100%	34	34	406	406
C1b - LCI New Equipment and Con	Conveyor Oven, Gas	G21C1b023	-	-	12	12	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Fryer, Gas	G21C1b024	7	6	12	12	100%	100%	100%	100%	100%	100%	548	470	6,577	5,638
C1b - LCI New Equipment and Con	Griddle, Gas	G21C1b025	-	-	12	12	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Rack Oven, Gas	G21C1b026	-	-	12	12	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	Steam Cooker, Gas	G21C1b027	-	-	12	12	100%	100%	100%	100%	100%	100%	-	-		
C1b - LCI New Equipment and Con	C&I Large New Construction Code Comp	G21C1b028	1	1	20	20	100%	100%	100%	100%	100%	36%	-	-	-	-
C1c - LCI Midstream	Midstream Water Heater, Condensing Ga	G21C1c012	1	1	15	15	30%	30%	100%	100%	0%	100%	-	9	-	133
C1c - LCI Midstream	Midstream Combination Oven, Gas	G21C1c001	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C1c - LCI Midstream	Midstream Convection Oven, Gas	G21C1c002	1	1	12	12	83%	83%	100%	100%	100%	100%	30	30	357	357
C1c - LCI Midstream	Midstream Conveyor Oven, Gas	G21C1c003	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C1c - LCI Midstream	Midstream Fryer, Gas	G21C1c004	1	1	12	12	83%	83%	100%	100%	100%	100%	64	64	771	771
C1c - LCI Midstream	Midstream Griddle, Gas	G21C1c005	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C1c - LCI Midstream	Midstream Pre-Rinse Spray Valve, Gas	G21C1c006	-	-	8	8	83%	83%	100%	100%	100%	100%	-	-		
C1c - LCI Midstream	Midstream Rack Oven, Gas	G21C1c007	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C1c - LCI Midstream	Midstream Steam Cooker, Gas	G21C1c008	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C1c - LCI Midstream	Midstream Indirect Water Heater, Gas	G21C1c009	1	1	15	15	30%	30%	100%	100%	100%	100%	6	6	84	84
C1c - LCI Midstream	Midstream On Demand Tankless Water H	G21C1c010	1	1	20	20	60%	60%	100%	100%	100%	100%	5	5	105	105
C1c - LCI Midstream	Midstream Volume Water Heater, Gas	G21C1c011	1	1	15	15	60%	60%	100%	100%	100%	100%	153	153	2,290	2,290
	Large Commercial & Industrial Subtotal												**21,902**	**14,308**	**325,856**	**220,366**

Small Commercial and Industrial			Quantity		Measure Life		Net to Gross		In Service Rate		Non-Electric Realization Rate		Net Annual MMBtu Savings		Net Lifetime MMBtu Savings	
Subprogram	Measure	Measure ID	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023
C2a - SCI Retrofit	Custom Small Hot Water Retro	G21C2a001	-	-	10	10	100%	100%	100%	100%	87%	87%	-	-		
C2a - SCI Retrofit	Custom Small HVAC Retro	G21C2a002	12	8	14	14	100%	100%	100%	100%	87%	87%	5,220	3,480	73,080	48,720
C2a - SCI Retrofit	Custom Small Other Retro	G21C2a003	10	5	15	15	100%	100%	100%	100%	87%	87%	-	-	-	-
C2a - SCI Retrofit	Custom Small Process Retro	G21C2a004	8	4	20	20	100%	100%	100%	100%	87%	87%	487	244	9,744	4,872
C2a - SCI Retrofit	Faucet Aerator, Gas	G21C2a005	50	50	7	7	100%	100%	100%	100%	100%	100%	85	85	595	595
C2a - SCI Retrofit	Low Flow Showerhead With Thermostati	G21C2a006	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C2a - SCI Retrofit	Low Flow Showerhead, Gas	G21C2a007	50	50	7	7	100%	100%	100%	100%	100%	100%	133	133	928	928
C2a - SCI Retrofit	Pipe Wrap - Hot Water, Gas	G21C2a008	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C2a - SCI Retrofit	Pre Rinse Spray Valve, Gas	G21C2a009	-	-	8	8	100%	100%	100%	100%	100%	100%	-	-		
C2a - SCI Retrofit	Boiler Reset Controls, Gas	G21C2a010	30	30	15	15	100%	100%	100%	100%	100%	100%	1,065	1,065	15,975	15,975
C2a - SCI Retrofit	Boiler Tune-Ups	G21C2a011	-	-	-	-	100%	100%	100%	100%	100%	100%	-	-		
C2a - SCI Retrofit	Energy Management System, Gas	G21C2a012	-	-	-	-	100%	100%	100%	100%	100%	100%	-	-		
C2a - SCI Retrofit	Pipe Insulation - Heating, Gas	G21C2a013	-	-	15	15	100%	100%	100%	100%	100%	100%	-	-		
C2a - SCI Retrofit	Steam Trap, Gas	G21C2a014	15	15	6	6	100%	100%	100%	100%	100%	100%	126	126	756	756
C2a - SCI Retrofit	Programmable Thermostat, Gas	G21C2a015	60	75	15	15	100%	100%	100%	100%	100%	100%	210	263	3,150	3,938
C2a - SCI Retrofit	WiFi Thermostat (Heating & Cooling)	G21C2a016	-	-	-	-	0%	100%	0%	100%	0%	100%	-	-		
C2b - SCI New Equipment and Con	Custom Small Hot Water New	G21C2b001	16	12	12	12	100%	100%	100%	100%	87%	87%	593	445	7,120	5,340
C2b - SCI New Equipment and Con	Custom Small HVAC New	G21C2b002	7	5	14	14	100%	100%	100%	100%	87%	87%	1,989	1,421	27,843	19,888
C2b - SCI New Equipment and Con	Custom Small Other New	G21C2b003	-	-	-	-	100%	100%	100%	100%	87%	87%	-	-		
C2b - SCI New Equipment and Con	Custom Small Process New	G21C2b004	-	-	-	-	100%	100%	100%	100%	87%	87%	-	-		
C2b - SCI New Equipment and Con	Boiler 1701 to 2000 MBH 90 AFUE, Gas	G21C2b005	1	1	25	25	100%	100%	100%	100%	100%	100%	165	165	4,133	4,133
C2b - SCI New Equipment and Con	Boiler 1000 to 1700 MBH 90 AFUE, Gas	G21C2b006	2	2	25	25	100%	100%	100%	100%	100%	100%	189	189	4,725	4,725
C2b - SCI New Equipment and Con	Boiler 500 to 999 MBH 90 AFUE, Gas	G21C2b007	5	4	25	25	100%	100%	100%	100%	100%	100%	257	206	6,425	5,140
C2b - SCI New Equipment and Con	Boiler 301 to 499 MBH 90 AFUE, Gas	G21C2b008	5	4	25	25	100%	100%	100%	100%	100%	100%	140	112	3,500	2,800
C2b - SCI New Equipment and Con	Boiler to 300 MBH 90 AFUE, Gas	G21C2b009	5	5	25	25	100%	100%	100%	100%	100%	100%	74	74	1,838	1,838
C2b - SCI New Equipment and Con	Boiler to 300 MBH 95 AFUE, Gas	G21C2b010	10	8	25	25	100%	100%	100%	100%	100%	100%	177	142	4,425	3,540
C2b - SCI New Equipment and Con	Combo Condensing Boiler / Water Heate	G21C2b011	-	-	25	25	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Combo Furnace / Water Heater, Gas	G21C2b012	-	-	18	18	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Condensing Unit Heater, Gas	G21C2b013	2	2	18	18	100%	100%	100%	100%	100%	100%	82	82	1,472	1,472
C2b - SCI New Equipment and Con	Furnace w/ ECM 95 AFUE, Gas	G21C2b014	-	-	18	18	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Furnace w/ ECM 97 AFUE, Gas	G21C2b015	-	-	18	18	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Infrared Heater, Gas	G21C2b016	10	10	17	17	100%	100%	100%	100%	100%	100%	120	120	2,040	2,040
C2b - SCI New Equipment and Con	Faucet Aerator, Gas	G21C2b017	130	130	10	10	100%	100%	100%	100%	100%	100%	221	221	2,210	2,210
C2b - SCI New Equipment and Con	Low Flow Showerhead With Thermostati	G21C2b018	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Low Flow Showerhead, Gas	G21C2b019	-	-	7	7	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Pre Rinse Spray Valve, Gas	G21C2b020	-	-	8	8	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Combination Oven, Gas	G21C2b021	5	5	12	12	100%	100%	100%	100%	100%	100%	561	561	6,726	6,726
C2b - SCI New Equipment and Con	Convection Oven, Gas	G21C2b022	2	2	12	12	100%	100%	100%	100%	100%	100%	68	68	811	811
C2b - SCI New Equipment and Con	Conveyor Oven, Gas	G21C2b023	-	-	12	12	100%	100%	100%	100%	100%	100%	-	-		
C2b - SCI New Equipment and Con	Fryer, Gas	G21C2b024	5	5	12	12	100%	100%	100%	100%	100%	100%	392	392	4,698	4,698
C2b - SCI New Equipment and Con	Griddle, Gas	G21C2b025	3	3	12	12	100%	100%	100%	100%	100%	100%	114	114	1,364	1,364
C2b - SCI New Equipment and Con	Rack Oven, Gas	G21C2b026	2	2	12	12	100%	100%	100%	100%	100%	100%	423	423	5,071	5,071
C2b - SCI New Equipment and Con	Steam Cooker, Gas	G21C2b027	1	1	12	12	100%	100%	100%	100%	100%	100%	371	371	4,448	4,448
C2b - SCI New Equipment and Con	C&I Small New Construction Code Comp	G21C2b028	-	-	20	20	100%	100%	100%	100%	100%	36%	-	-		
C2c - SCI Midstream	Midstream Combination Oven, Gas	G21C2c001	1	1	12	12	83%	83%	100%	100%	100%	100%	93	93	1,121	1,121
C2c - SCI Midstream	Midstream Convection Oven, Gas	G21C2c002	1	1	12	12	83%	83%	100%	100%	100%	100%	30	30	357	357
C2c - SCI Midstream	Midstream Conveyor Oven, Gas	G21C2c003	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C2c - SCI Midstream	Midstream Fryer, Gas	G21C2c004	2	2	12	12	83%	83%	100%	100%	100%	100%	130	130	1,565	1,565
C2c - SCI Midstream	Midstream Griddle, Gas	G21C2c005	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C2c - SCI Midstream	Midstream Pre-Rinse Spray Valve, Gas	G21C2c006	-	-	8	8	83%	83%	100%	100%	100%	100%	-	-		
C2c - SCI Midstream	Midstream Rack Oven, Gas	G21C2c007	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C2c - SCI Midstream	Midstream Steam Cooker, Gas	G21C2c008	-	-	12	12	83%	83%	100%	100%	100%	100%	-	-		
C2c - SCI Midstream	Midstream Indirect Water Heater, Gas	G21C2c009	2	1	15	15	30%	30%	100%	100%	100%	100%	11	6	171	86
C2c - SCI Midstream	Midstream On Demand Tankless Water H	G21C2c010	3	3	20	20	60%	60%	100%	100%	100%	100%	16	16	320	320
C2c - SCI Midstream	Midstream Volume Water Heater, Gas	G21C2c011	1	1	15	15	60%	60%	100%	100%	100%	100%	49	49	736	736
C2c - SCI Midstream	Midstream Water Heater, Condensing Ga	G21C2c012	1	1	15	15	30%	30%	100%	100%	100%	100%	9	9	135	135
	Small Commercial & Industrial Subtotal												**13,598**	**10,830**	**197,483**	**156,348**