

# Using Community Lifeline Capability Assessment Planning Templates to Evaluate Food & Water, Supply Chain for resilience during catastrophic events.

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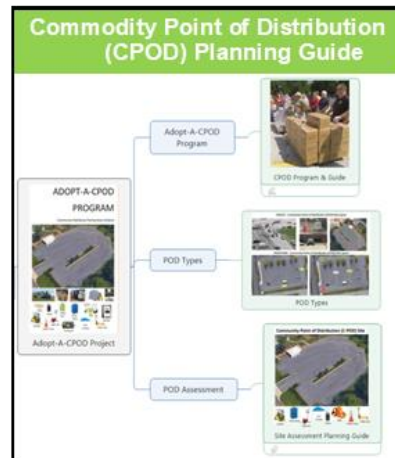
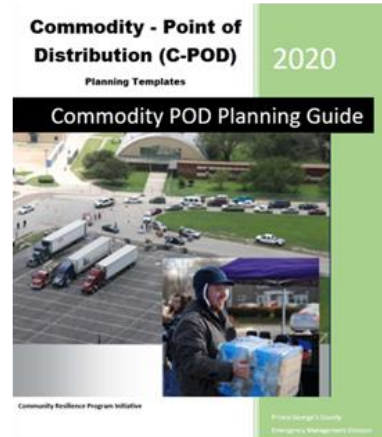


Non-Competitive Division

Poster Showcase

#IAEM22

**ABSTRACT:** This Poster Showcase identifies Commodity Point of Distribution's (CPOD) planning templates. The templates will help jurisdictions to be better prepared to address food, water, and logistic supply chain issues during post-disaster. Using the planning templates, a planning team will be able to identify, evaluate, and recommend options for operationalizing a food and water supply delivery and restoration plan, which include a process for measuring and tracking capability improvements. Options for operationalizing the plan include: creating or updating select jurisdictional operational plans; developing memorandum of understanding agreements for engaging private sector partners; developing organizational capacity within select regional jurisdictions for managing food and water supplies during catastrophic events; and identifying equipment and other resource needs for CPODs, to include how CPODs may be integrated into existing plans and annexes. When jurisdictions receive the templates, they will mostly be completed, and only requiring modifications to make applicable to jurisdiction specific. The templates are especially beneficial to jurisdictions with smaller staffs and limited resources.



## PLANNING TEMPLATES

BASIC INFORMATION	
1 Site Name	
2 Site Address	
3 CPOD Type	Type I
	Type II
	Type III
4 Variations	Urban CPOD
	High-Density Urban CPOD
	Rural CPOD
	Walk-Up Load Point
	Mass Transit Load Point
	Delivery Vehicle Load Point
GENERAL INFORMATION	
1 Date information obtained	
2 Site name	
3 Street address	
4 City	
5 Zip code	
6 Memorandum of understanding (MOU) in place	Date:
7 Site owner or manager	
8 Site owner or manager's address (address, city, state, zip code)	
9 Site owner or manager's phone number	
10 City/county jurisdiction	
11 Police jurisdiction and division/region	
12 Fire department jurisdiction and division/region	
13 County supervisory district	
14 City council district	
15 Latitude	
16 Longitude	
18 Electric provider	
Additional Information	
57 Type I, II, or III site	
58 Number of supply lines	
59 Number of loading lines	
60 Number of vehicle lines	
61 Number of pedestrian lines	
62 Number of mass transit drop-off/pick-up locations	
63 Accessibility considerations	
SITE SUMMARY	
18 Dimensions of site in feet	
19 Size of site in acres	
20 Back concrete or gravel hard-stand	
21 Maximum load site can withstand	
22 Accessible at all times	
23 Access controlled by an automated gate	
24 Ingress and egress large enough to accommodate tractor-trailer-sized vehicles	
25 Total number of driveways	
26 Location of driveways	
27 Spike strips at any of the driveways	
28 Perimeter fencing	
29 Flood lighting through the site	
30 Exterior lighting	
31 Site monitored using closed-circuit TV cameras	
32 Public address system in place	
33 Covered areas	
34 Fixed equipment or non-fixed heavy equipment located on the site that may be difficult to move	
Additional Information	

## Commodity Point of Distribution Site Survey Assessment (1 of 2)

Vicinity Map		Aerial Image	
1. North side	Yes	1. Site name	Yes
2. South side	No	2. Street address	Yes
3. East side	No	3. City	Yes
4. West side	No	4. City/county jurisdiction	Yes

## Commodity Point of Distribution Site Survey Assessment (2 of 2)

**Site Summary**

1. Date information obtained: 1/18/20

2. City/county jurisdiction: 2020

3. Dimensions of site in feet: 248 x 1,154

4. Size of site in acres: 5.6

5. Back concrete or gravel hard-stand: Yes

6. Maximum load site can withstand: 11,000 lbs

7. Accessible at all times: Yes

8. Access controlled by an automated gate: No

9. Ingress and egress large enough to accommodate tractor-trailer-sized vehicles: Yes

10. Total number of driveways: 1

11. Location of driveways: 100' wide

12. Spike strips at any of the driveways: No

13. Perimeter fencing: No

14. Flood lighting through the site: No

15. Exterior lighting: No

16. Site monitored using closed-circuit TV cameras: No

17. Public address system in place: No

18. Covered areas: No

19. Fixed equipment or non-fixed heavy equipment located on the site that may be difficult to move: No

**Commodity POD SITE**

**Memorandum of Understanding (MOU) in place:**

- 1. Understanding (MOU) in place: Yes
- 2. In-house staff available for distribution: No
- 3. Secondary storage sites available for inventory: No
- 4. Fire phones: No
- 5. Potable water available: No
- 6. Restrooms on site: No
- 7. Availability of equipment: No
- 8. In-house staff/pickup resources: No
- 9. Commercial telephone lines: No
- 10. On-site generator: No
- 11. Feeding facility available: No

COUNTY POD COMMODITIES MODEL											
PROJECTED COMMODITIES TO BE ORDERED											
Required per day for 24 days											
EVENT	DAY	TRUCKS	WATER	GALLONS	TRUCKS	ICE	TRUCKS	MEALS	TRUCKS	MEALS	MEALS
1	84	1,514,165	400,000	80	400,000	3,200,000	42	915,517			
2	81	1,462,251	386,286	78	386,251	3,085,571	41	891,564			
3	78	1,410,336	372,571	75	372,571	2,978,571	39	852,571			
<b>PROJECTED 72 Hour Planning Total &gt;</b>											
	248	4,386,752	1,158,857	233	1,158,754	9,325,714	122	2,659,798			
4	76	1,358,422	358,857	73	358,714	2,957,142	38	827,857			
5	73	1,306,508	345,143	71	345,143	2,812,286	36	789,571			
6	70	1,254,594	331,429	69	331,429	2,742,857	35	758,588			
<b>PROJECTED Next 72 Hour Planning Total &gt;</b>											
	219	3,919,524	1,055,429	213	1,042,857	5,872,857	109	2,369,933			
7	67	1,202,479	312,214	66	312,429	2,451,429	33	727,158			
<b>PROJECTED 60% Power back-on-line &gt;</b>											
	84	1,150,765	314,000	64	320,000	2,560,000	32	695,808			
9	57	1,017,194	269,214	56	280,511	2,244,571	28	615,045			
10	50	900,139	237,859	48	241,143	1,929,143	25	543,377			
11	44	780,429	206,964	40	201,714	1,613,714	22	479,709			
12	37	658,570	176,089	32	162,286	1,298,286	19	403,041			
13	31	560,896	145,214	25	122,857	982,857	15	332,373			
14	24	462,411	118,289	17	83,429	667,429	12	261,205			
15	18	315,947	83,464	9	44,000	352,000	9	191,017			
<b>PROJECTED 80% Power back-on-line &gt;</b>											
	115	215,768	57,000	9	44,000	352,000	4	180,464			
17	11	188,797	49,875	8	38,500	308,000	5	114,156			
18	9	161,826	42,750	7	33,000	264,000	5	97,848			
19	8	134,855	35,625	6	27,500	220,000	4	81,540			
20	6	107,884	28,500	4	22,000	176,000	3	65,232			
21	5	80,913	21,375	3	16,500	132,000	2	49,924			
22	3	53,942	14,250	2	11,000	88,000	2	32,616			
23	2	26,971	7,125	1	5,500	44,000	1	16,308			
24	0	0	0	0	0	0	0	0			
<b>Total Projected Loads &gt;</b>											
		930	16,296,669	4,305,123	843	4,213,940	30,812,000	454	9,861,312		
		WATER = 4,305,123 Gallons per Truck		ICE = 1,600 Bags per Truck		MEALS = 2,176,000 meals per Truck					

