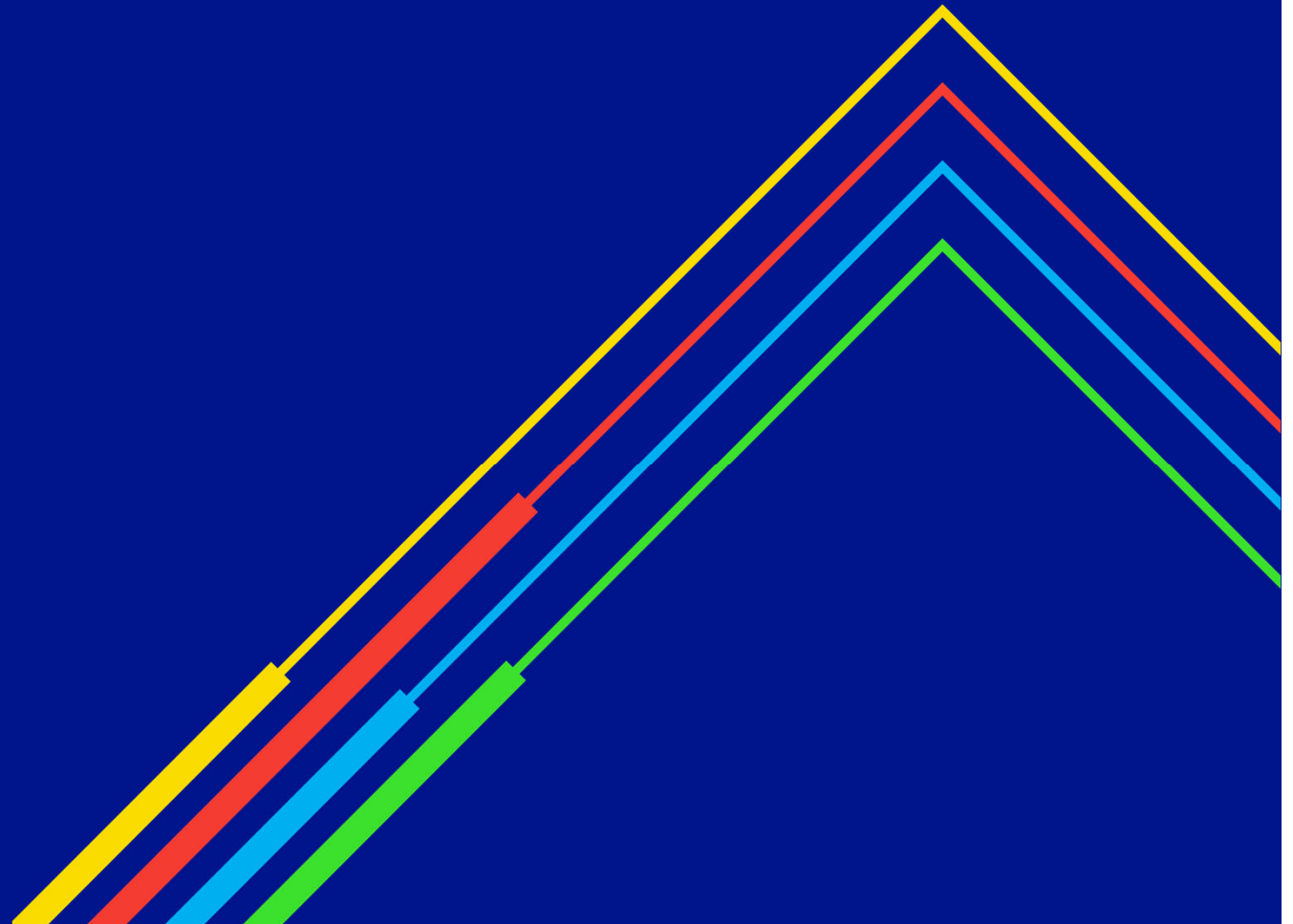
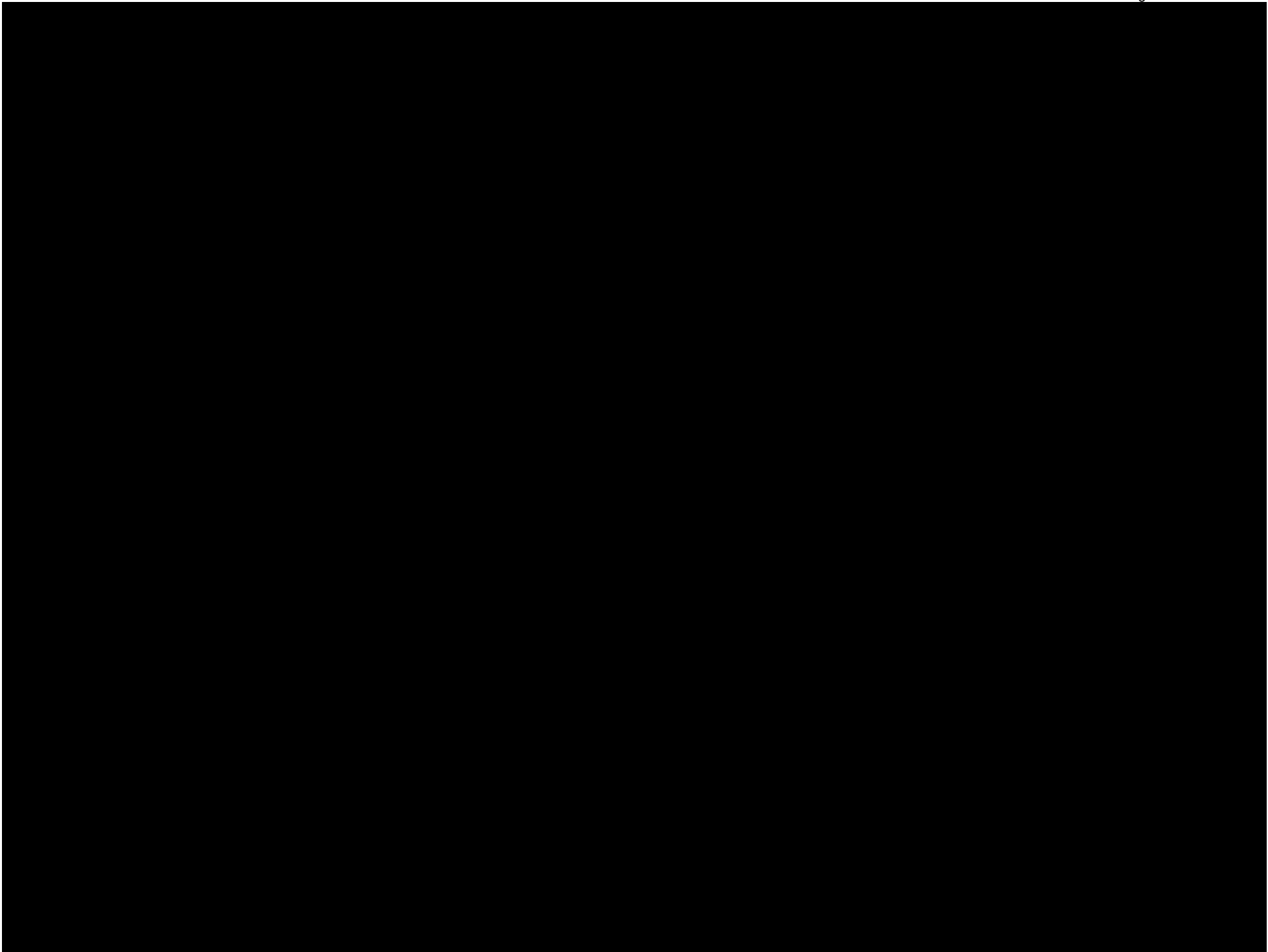


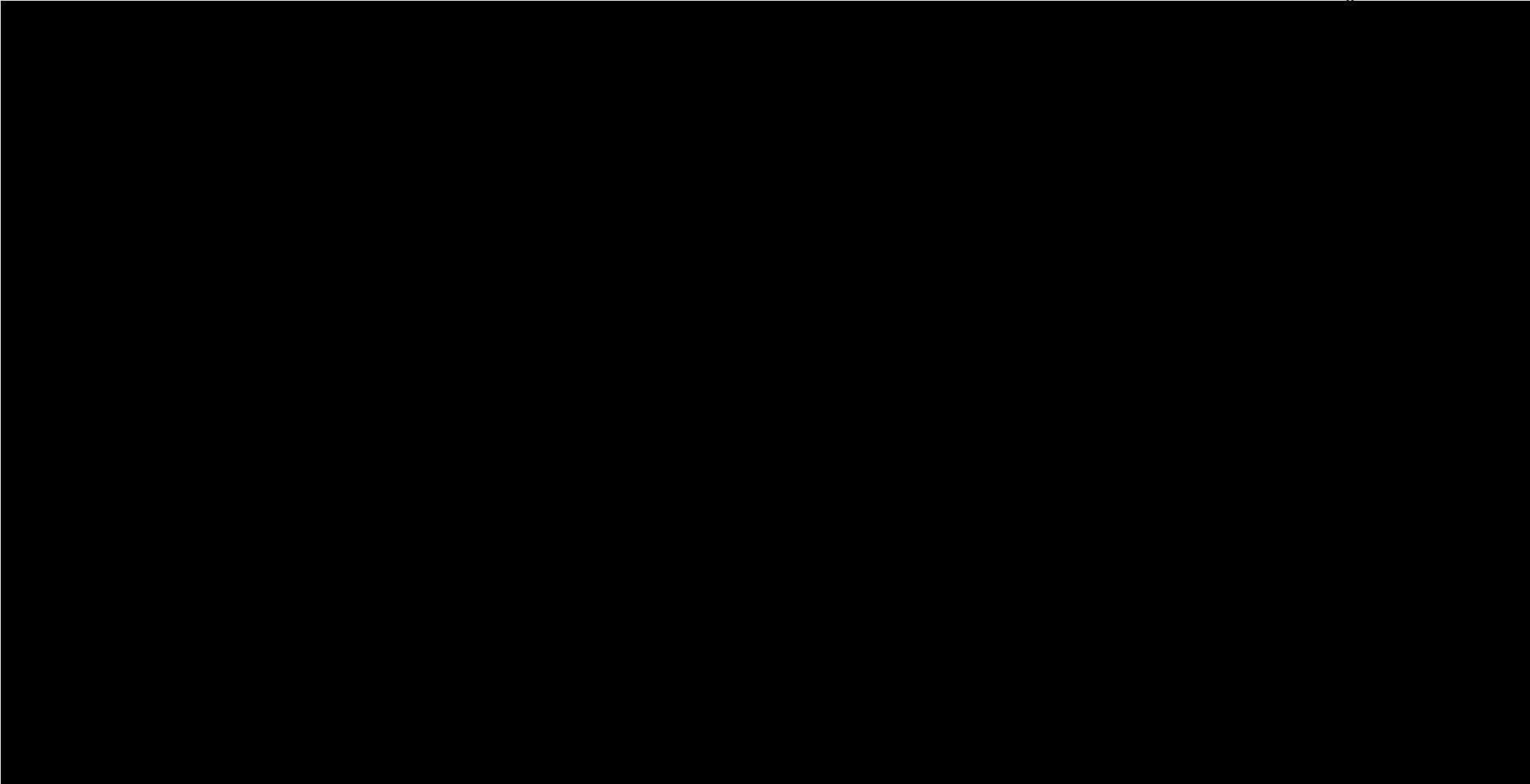
Sectionalizing LP Districts

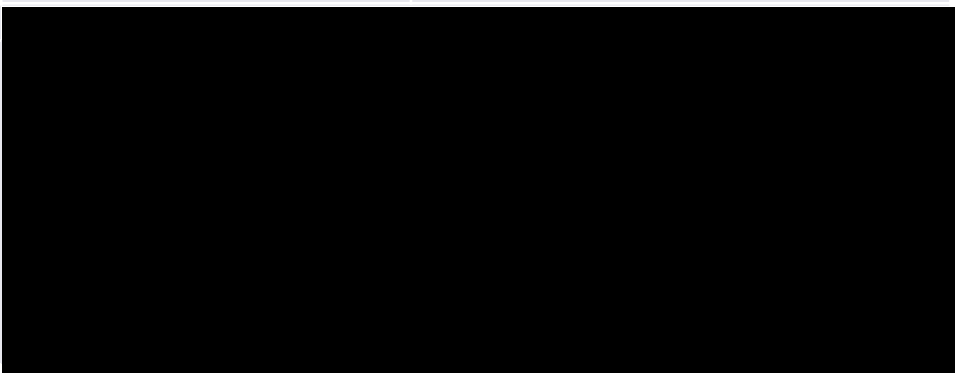
KEDNY

nationalgrid

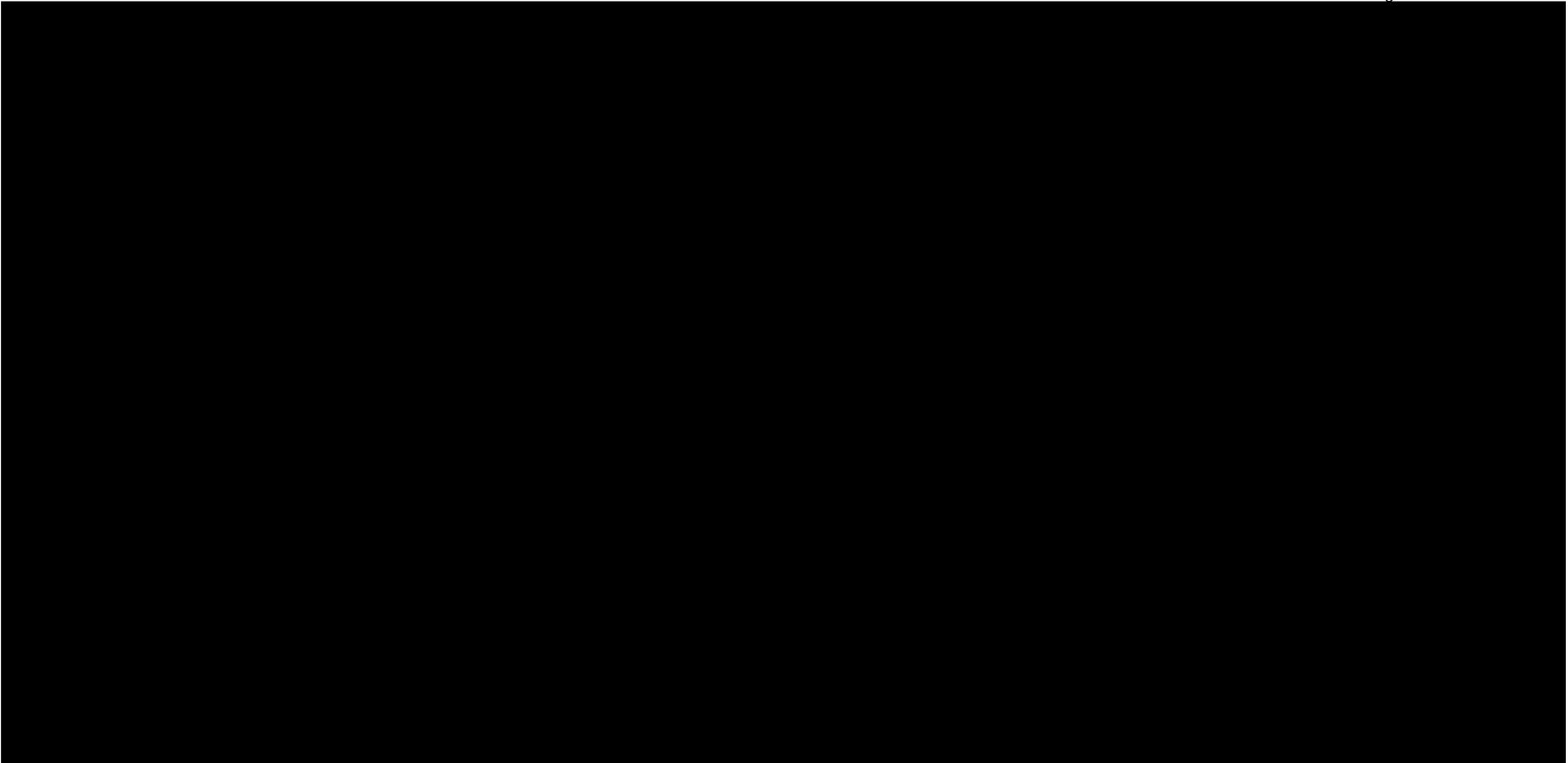






LPD 001	On Street	Cross Street & Valve Info
Existing Valves		
(14) New LP Valves to Install:		

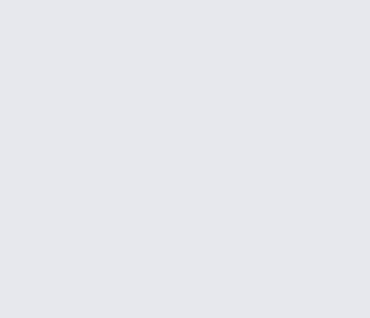
National Grid



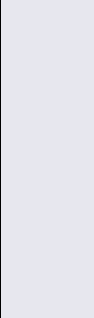
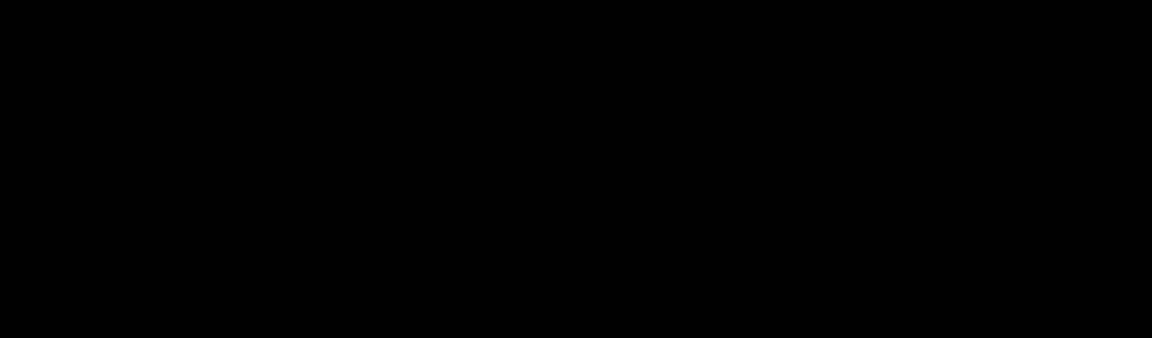
LPD

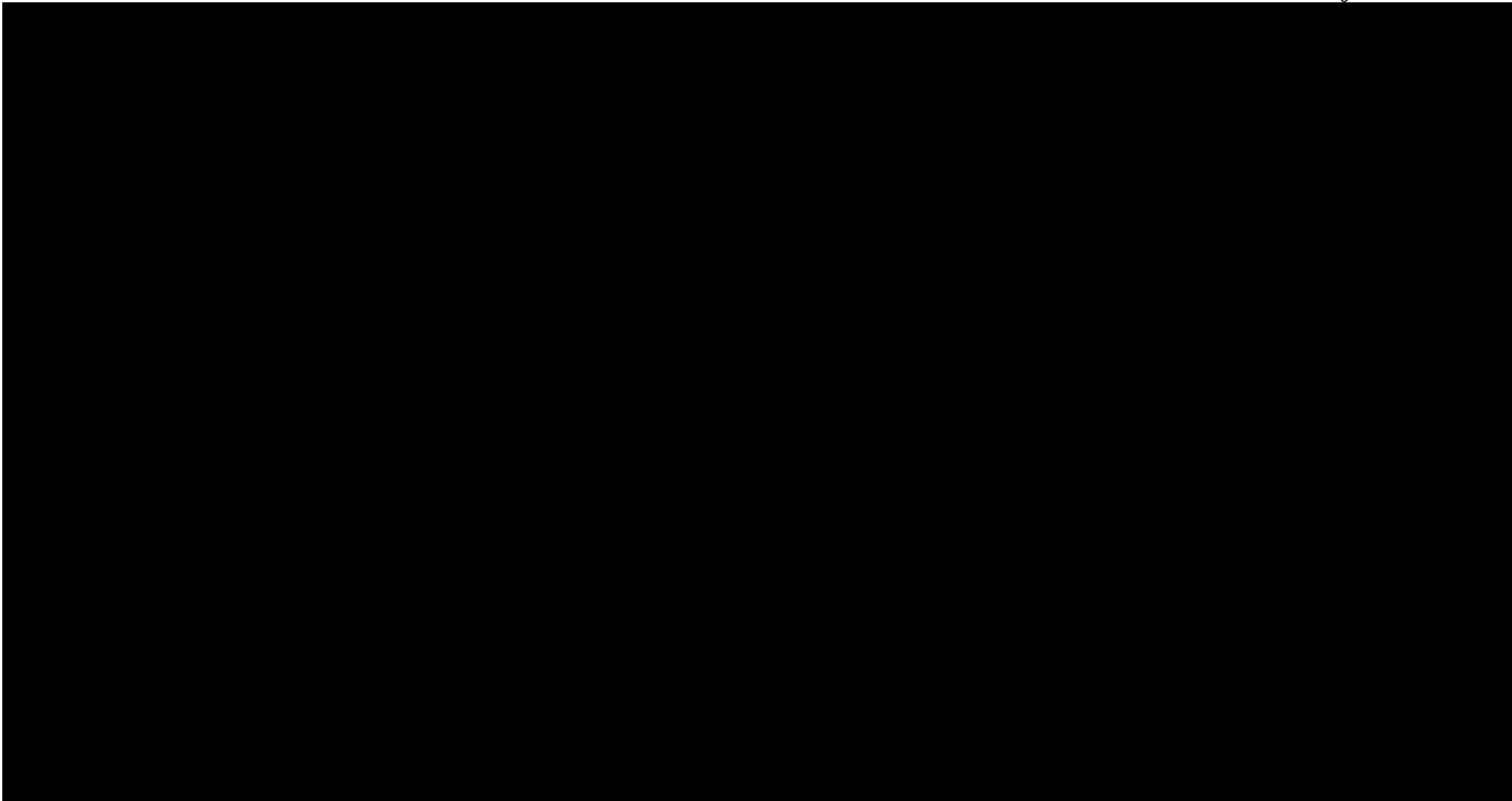
On Street

Cross Street & Valve Info



(17) New LP Valves to Install:





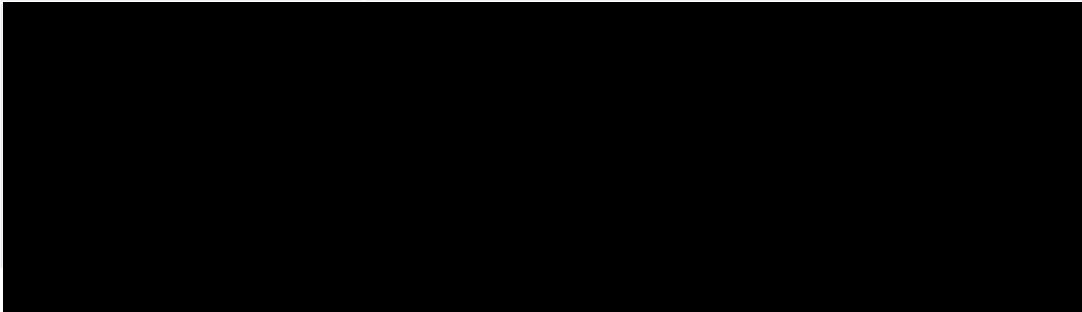
LPD 003

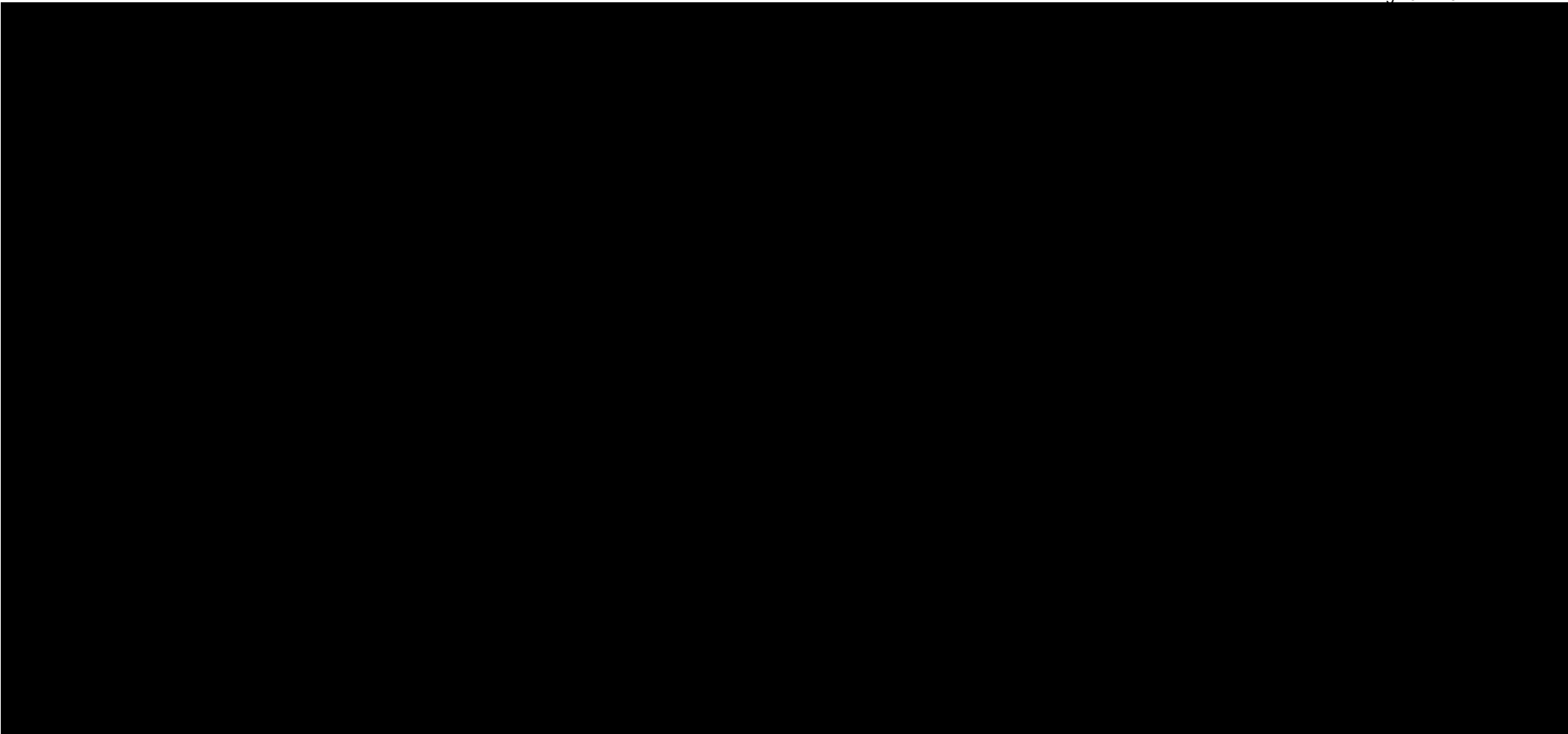
On Street

Cross Street & Valve Info

National Grid

(12) New LP Valves to Install:

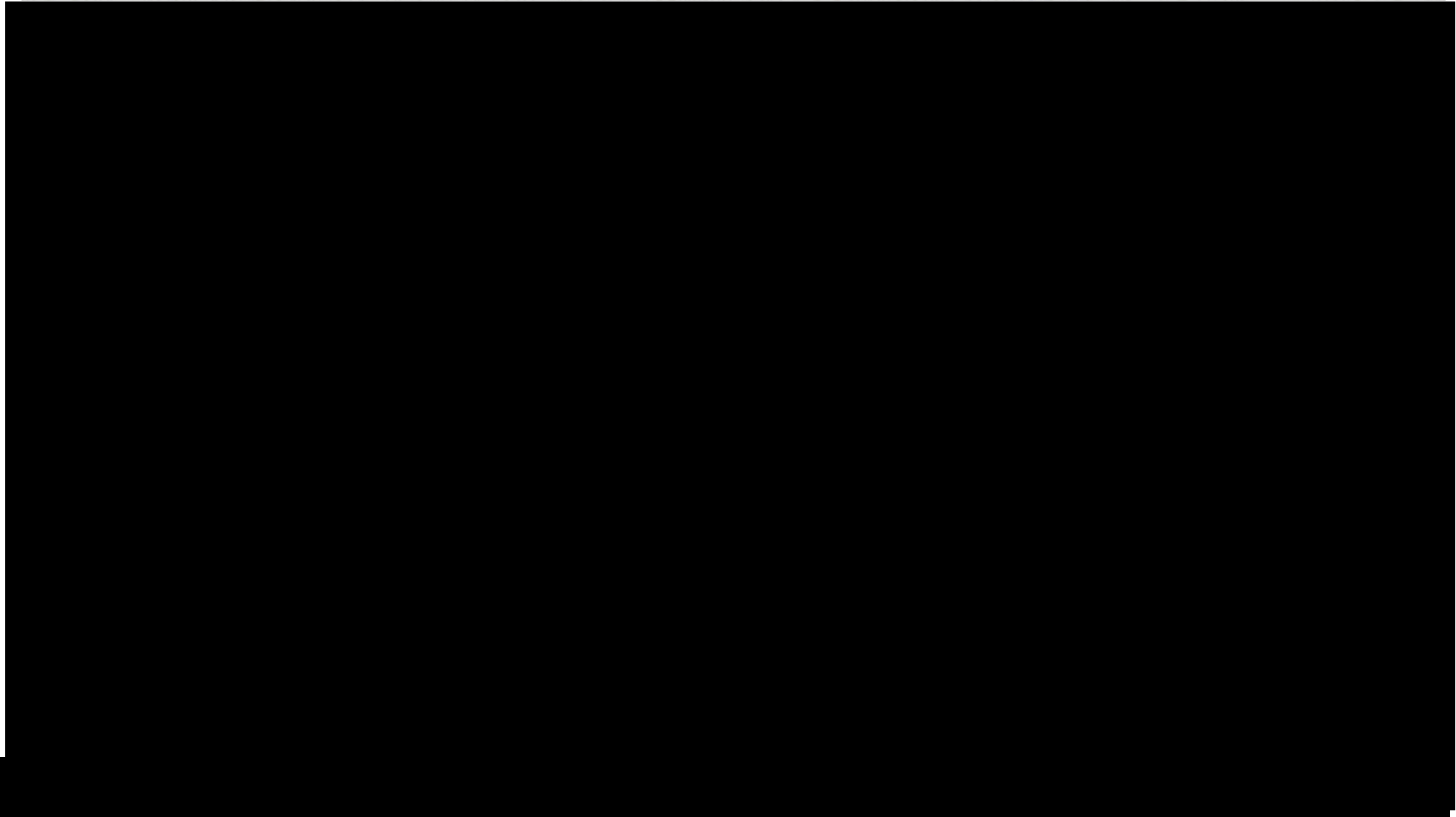




LPD 004	On Street	Cross Street & Valve Info
Existing Valves		
(20) New LP Valves to Install		

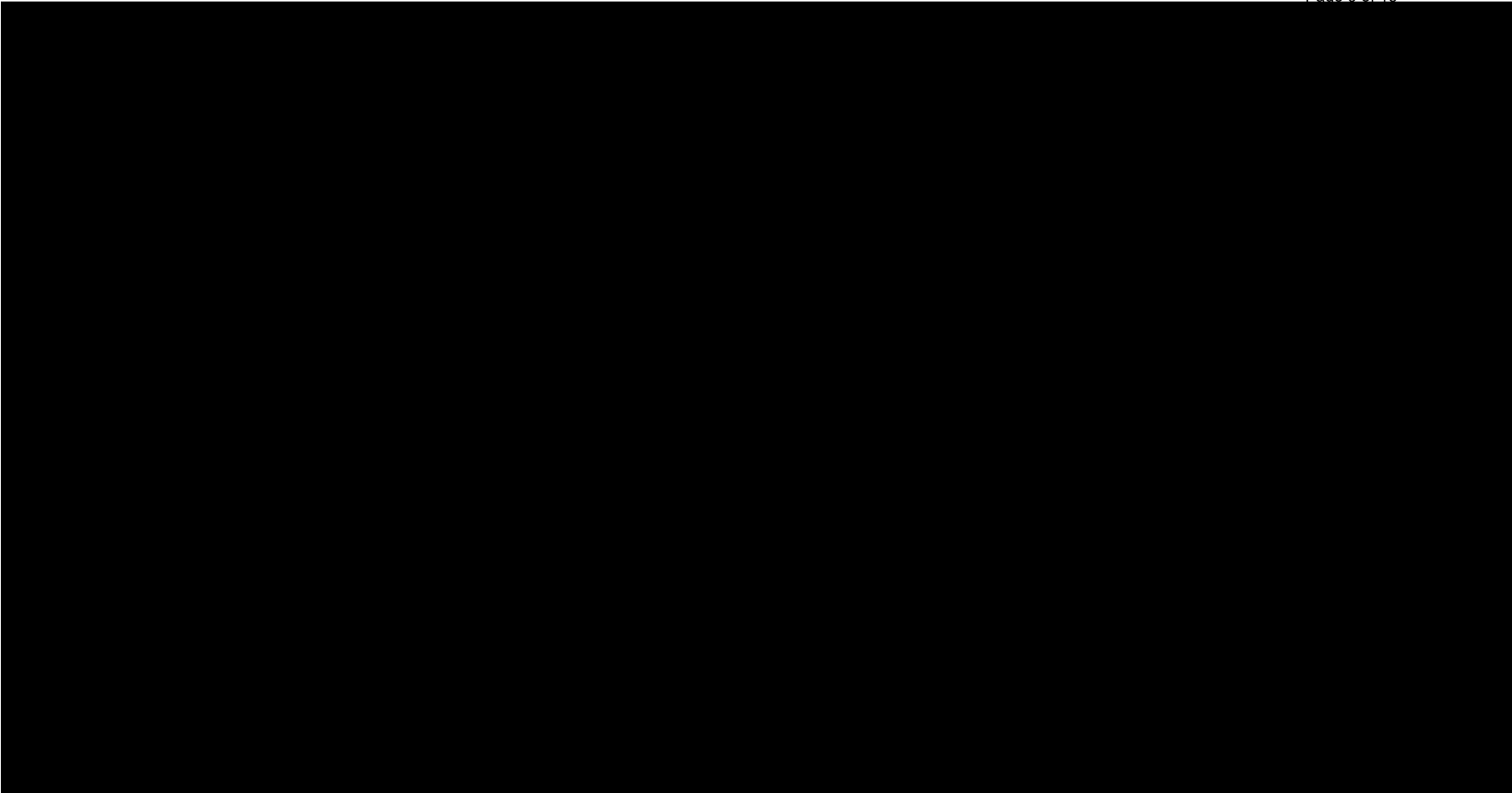
National Grid

	LPD 005	On Street	Cross Street & Valve Info
National Grid	Existing Valves		
	(15) New LP Valves to Install		



LPD006	On Street	Cross Street & Valve Info
Existing Valves		
(23) New LP Valves to Install		

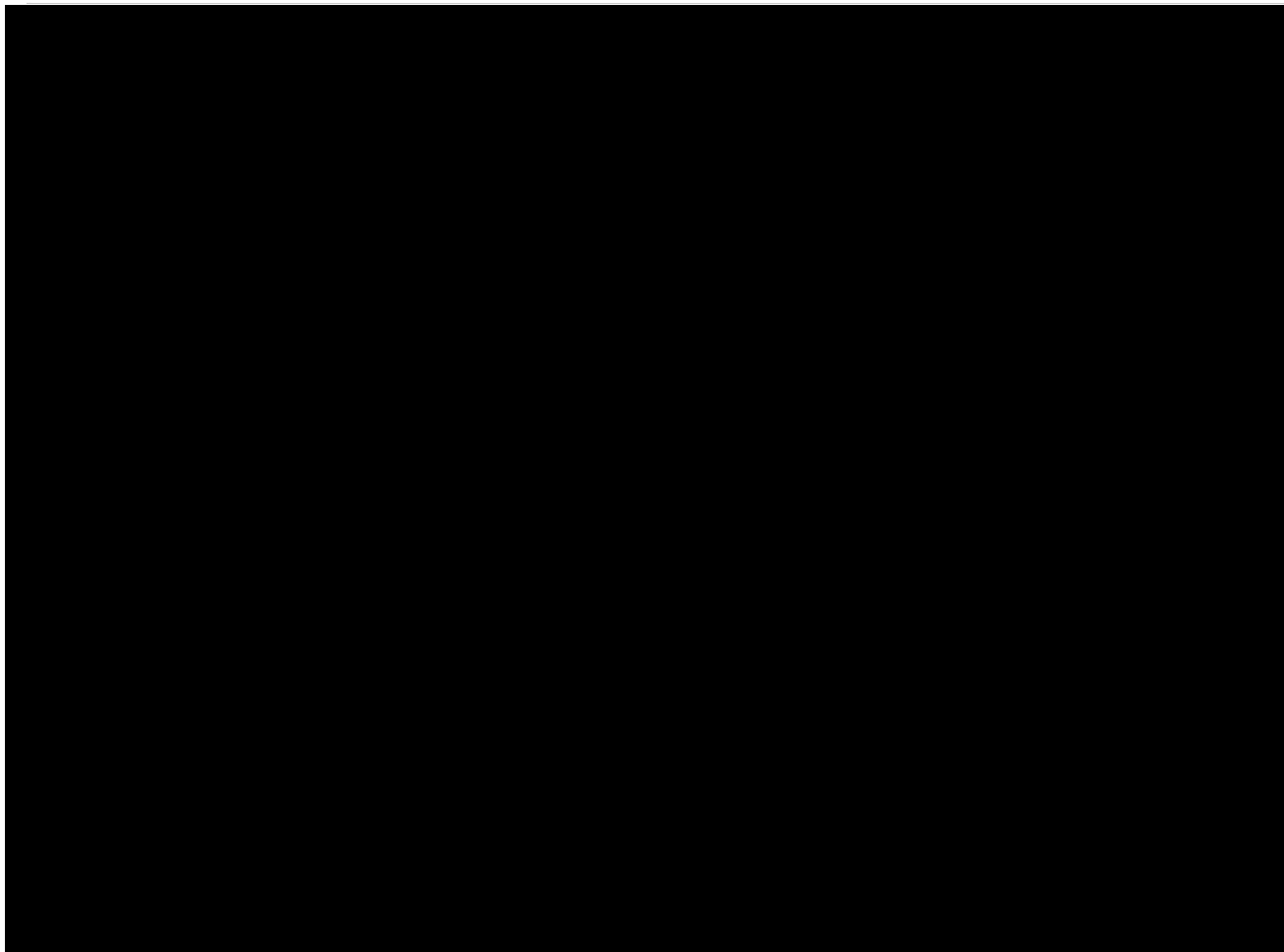
National Grid



	On Street	Cross Street 1	Cross Street 2
LPD007			
Existing Valves to Isolate			
(7) New Valves			

National Grid

KEDNY Low Pressure Valves Selected for Initial Installation

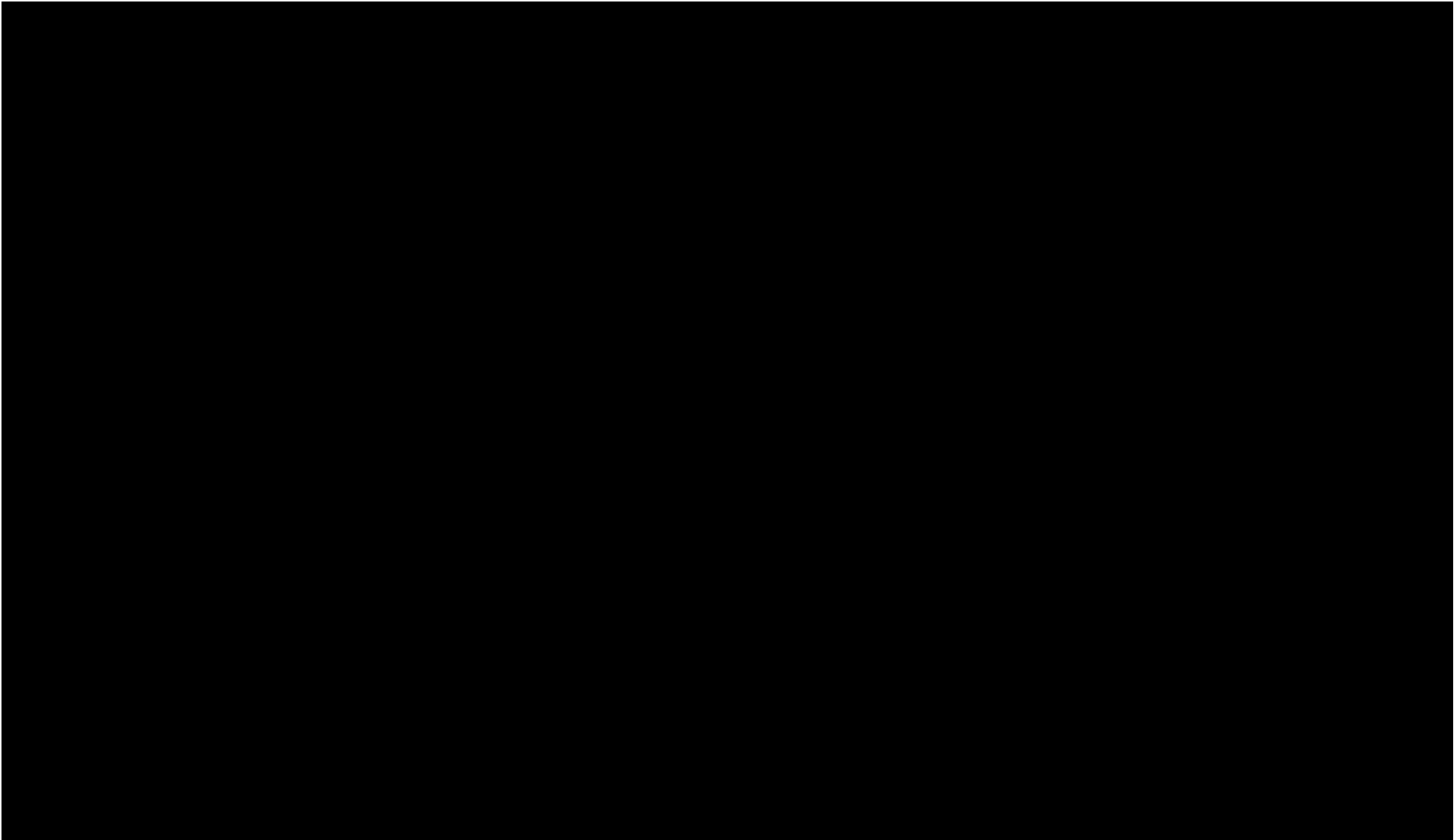


Jamaica (10) LP New Valve Study

<u>Street</u>	<u>Cross street</u>	<u>Valve Size</u>
[Redacted]		

# New Valves	Main Sizes	Status (Des/Est/Con)	Justification					
			HP Nearby	Ongoing LPP	Future LPP	MRP	Existing Valves	Protected St
10	6", 8"	Estimating	Yes	None	None	SOP 168 St	None	None

National Grid



National Grid

# New Valves	Main Sizes	Status (Des/Est/Con)	Justification					
			HP Nearby	Ongoing LPP	Future LPP	MRP	Existing Valves	Protected St
10	6", 8"	Estimating	Yes	None	None	SOP 168 St	None	None

	LP District	# New Valves	Main Sizes	Approx. Customer Count	HP Nearby	Ongoing LPP	Future LPP	Existing Valves	Location - On St	Valves & Cross Street		
	001	14	6, 8, 10, 12		Y	None	None	1 - BQ7062				
	002	17	6, 8, 10, 12		Y	None	None	None				
	003	12	4, 6, 12		Y	None	None	None				
	004	20	6, 8, 12		Y	None	None	1 - BQ11568				
	005	15	4, 6, 8, 12		Y	None	None	3 - BQ11348, BQ11349, BQ11350				
	006	23	4, 6, 8, 12		Y	None	None	3 - BQ11348, BQ11349, BQ11350				
	007	7	6, 8, 12		Y	None	None	2 - BQ7030, BQ7031				
Total		108										

Low Pressure Valves Associated with All Districts

Synergi Data

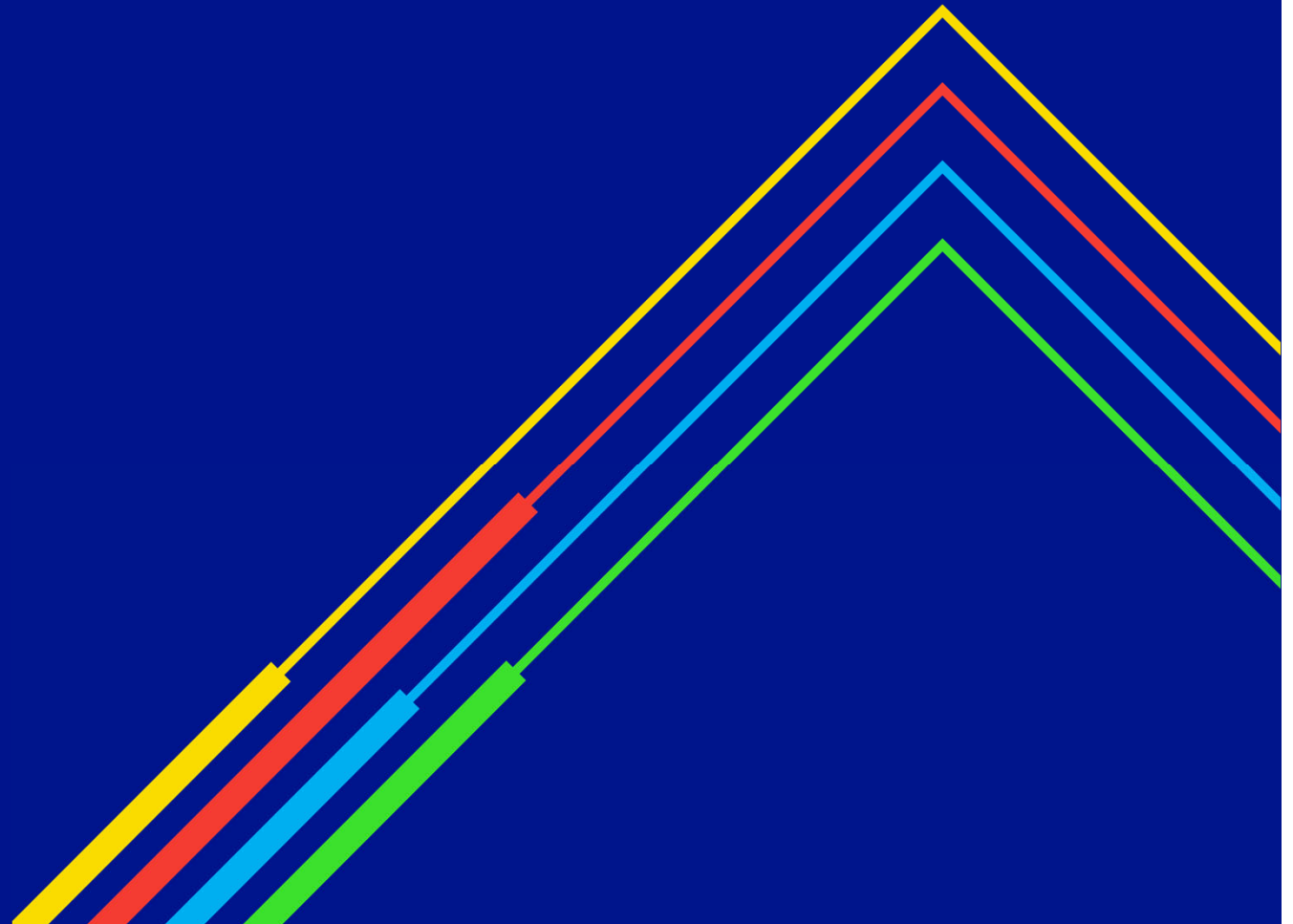
LPD 001						LPD 002						LPD 003					
#	Name	Nominal Diameter	Diameter (in)	Material	Other	#	Name	Nominal Diameter	Diameter (in)	Material	Other	#	Name	Nominal Diameter	Diameter (in)	Material	Other
EXT	7193249P000	10	10.432	Plastic SDR 11	BQ7062 - Existing	1	12771682P000	8	7.057	Plastic SDR 11	Included EGOMP 1	1	1790087P000	6	6.065	Steel - Schedule 30	Included EGOMP 3
	12486833P000	8	7.057	Plastic SDR 11		2	12486833P000	8	7.057	Plastic SDR 11		2	4245320P000	6	5.421	Plastic SDR 11	Included EGOMP 3
	216924088P000	12	12.09	Steel - Schedule 30		3	7074288P000	6	5.421	Plastic SDR 11		3	6903774P000	12	12.09	Steel - Schedule 30	
	316924030P000	12	12.09	Steel - Schedule 30		4	6904617P000	6	6.065	Steel - Schedule 30		4	15041836P000	12	10.432	Plastic SDR 11	
	44296803P000	6	6.065	Steel - Schedule 30		5	6645654P000	6	6.065	Steel - Schedule 30		5	2570395P000	6	6.065	Steel - Schedule 30	
	57027742P000	6	6.065	Steel - Schedule 30		6	6904399P000	6	6.065	Steel - Schedule 30		6	12474590P000	12	10.432	Plastic SDR 11	
	613450879P000	7	7.057	Plastic SDR 11		7	4328317P000	8	7.981	Steel - Schedule 30		7	2534919P000	4	4.026	Steel - Schedule 30	
	77071414P000	8	7.981	Steel - Schedule 30		8	2498330P000	12	12.09	Steel - Schedule 30		8	PI770	12	12.09	Steel - Schedule 30	
	87071513P000	12	10.432	Plastic SDR 11		9	7070823P000	6	5.421	Plastic SDR 11		9	3192515P000	6	6.065	Steel - Schedule 30	
	97070952P000	8	7.057	Plastic SDR 11		10	12510469P000	12	12.09	Steel - Schedule 30		10	6931882P000	6	6.065	Steel - Schedule 30	
	107070603P000	8	7.057	Plastic SDR 11		11	7067032P000	6	5.421	Plastic SDR 11		11	3373574P000	12	12.09	Steel - Schedule 30	
	116820866P000	8	8.13	Cast Iron		12	6910578P000	6	6.065	Steel - Schedule 30		12	16281498P000	6	6.065	Steel - Schedule 30	
	127084681P000	6	5.421	Plastic SDR 11		13	6910527P000	6	6.065	Steel - Schedule 30							
	136946669P000	6	5.421	Plastic SDR 11		14	6910548P000	6	6.065	Steel - Schedule 30							
14	127771682P000	8	7.057	Plastic SDR 11		15	7023528P000	6	6.065	Steel - Schedule 30							
						16	1790087P000	6	6.065	Steel - Schedule 30							
						17	4245320P000	6	5.421	Plastic SDR 11							
LPD 004						LDP 005						LDP 006					
#	Name	Nominal Diameter	Diameter (in)	Material	Other	#	Name	Nominal Diameter	Diameter (in)	Material	Other	#	Name	Nominal Diam	Diameter (in)	Material	Other
1	7023854P000	12	12.09	Steel - Schedule 30		1	2604821P000	12	12.09	Steel - Schedule 30		1	4480344P000	6	5.421	Plastic SDR 11	
2	4674708P000	12	10.432	Plastic SDR 11		2	16099010P000	8	7.057	Plastic SDR 11		2	2731656P000	6	5.421	Plastic SDR 11	
3	7032362P000	8	7.981	Steel - Schedule 30		3	4480344P000	6	5.421	Plastic SDR 11		3	3288660P000	8	7.057	Plastic SDR 11	
4	6911514P000	6	6.065	Steel - Schedule 30		4	3288660P000	8	7.057	Plastic SDR 11		4	1722715P000	6	5.421	Plastic SDR 11	
5	7032837P000	8	7.981	Steel - Schedule 30		5	2731656P000	6	5.421	Plastic SDR 11		5	2316812P000	6	5.421	Plastic SDR 11	
6	3664631P000	6	6.065	Steel - Schedule 30		6	6911894P000	4	3.682	Plastic SDR 11		6	2294714P000	6	5.421	Plastic SDR 11	
7	7073244P000	6	6.065	Steel - Schedule 30		7	1722715P000	6	5.421	Plastic SDR 11		7	3499945P000	6	5.421	Plastic SDR 11	
8	6510444P000	6	6.02	Cast Iron		8	2316812P000	6	5.421	Plastic SDR 11		8	6908791P000	6	5.421	Plastic SDR 11	
9	7066719P000	8	7.057	Plastic SDR 11		9	2294714P000	6	5.421	Plastic SDR 11		9	3139311P000	6	5.421	Plastic SDR 11	
10	7084662P000	12	10.432	Plastic SDR 11		10	3499945P000	6	5.421	Plastic SDR 11		10	3130060P000	6	5.421	Plastic SDR 11	
11	7066692P000	12	10.432	Plastic SDR 11		11	PI789	6	5.421	Plastic SDR 11		11	6911894P000	4	3.682	Plastic SDR 11	
12	7067214P000	8	7.057	Plastic SDR 11		12	6908791P000	6	5.421	Plastic SDR 11		12	16087639P000	12	10.432	Plastic SDR 11	
13	7084776P000	6	5.421	Plastic SDR 11		13	3139311P000	6	5.421	Plastic SDR 11		13	PI789	6	5.421	Plastic SDR 11	
14	6946670P000	6	5.421	Plastic SDR 11		14	3130060P000	6	5.421	Plastic SDR 11		14	4487785P000	6	5.421	Plastic SDR 11	
15	7073236P000	8	7.057	Plastic SDR 11		15	16087639P000	12	10.432	Plastic SDR 11		15	6611221P000	8	8.13	Cast Iron	
16	7064719P000	8	7.057	Plastic SDR 11		EXT	2177243P000	8	7.057	Plastic SDR 11	BQ11350	16	2842943P000	12	12.09	Steel - Schedule 30	
17	4666052P000	8	8.13	Cast Iron		EXT	2479434P000	8	7.057	Plastic SDR 11	BQ11349	17	7241156P000	12	10.432	Plastic SDR 11	
18	6369096P000	6	5.421	Plastic SDR 11		EXT	1939910P000	8	7.057	Plastic SDR 11	BQ11348	18	3072360P000	12	12.09	Steel - Schedule 30	
19	7073466P000	6	5.421	Plastic SDR 11								19	2152667P000	6	6.02	Cast Iron	
20	7081276P000	6	5.421	Plastic SDR 11								20	1851950P000	6	6.02	Cast Iron	
21	7061867P000	6	5.421	Plastic SDR 11								EXT	2177243P000	8	7.057	Plastic SDR 11	BQ11350
												EXT	1939910P000	8	7.057	Plastic SDR 11	BQ11349
												EXT	2479434P000	8	7.057	Plastic SDR 11	BQ11348
LDP 007																	
#	Name	Nominal D (in)	Diameter	Material													
	7031804P000	6	6.065	Steel - Schedule 30													
	4996260P000	12	12.09	Steel - Schedule 30													
	3759690P000	8	7.981	Steel - Schedule 30													
	4287617P000	6	5.421	Plastic SDR 11													
	7071280P000	8	7.057	Plastic SDR 11													
	7070597P000	8	7.057	Plastic SDR 11													
	7071141P000	8	7.057	Plastic SDR 11													
	2942434P000	6	5.421	Plastic SDR 11													
	5018954P000	6	5.421	Plastic SDR 11													

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Sectionalizing LP Districts

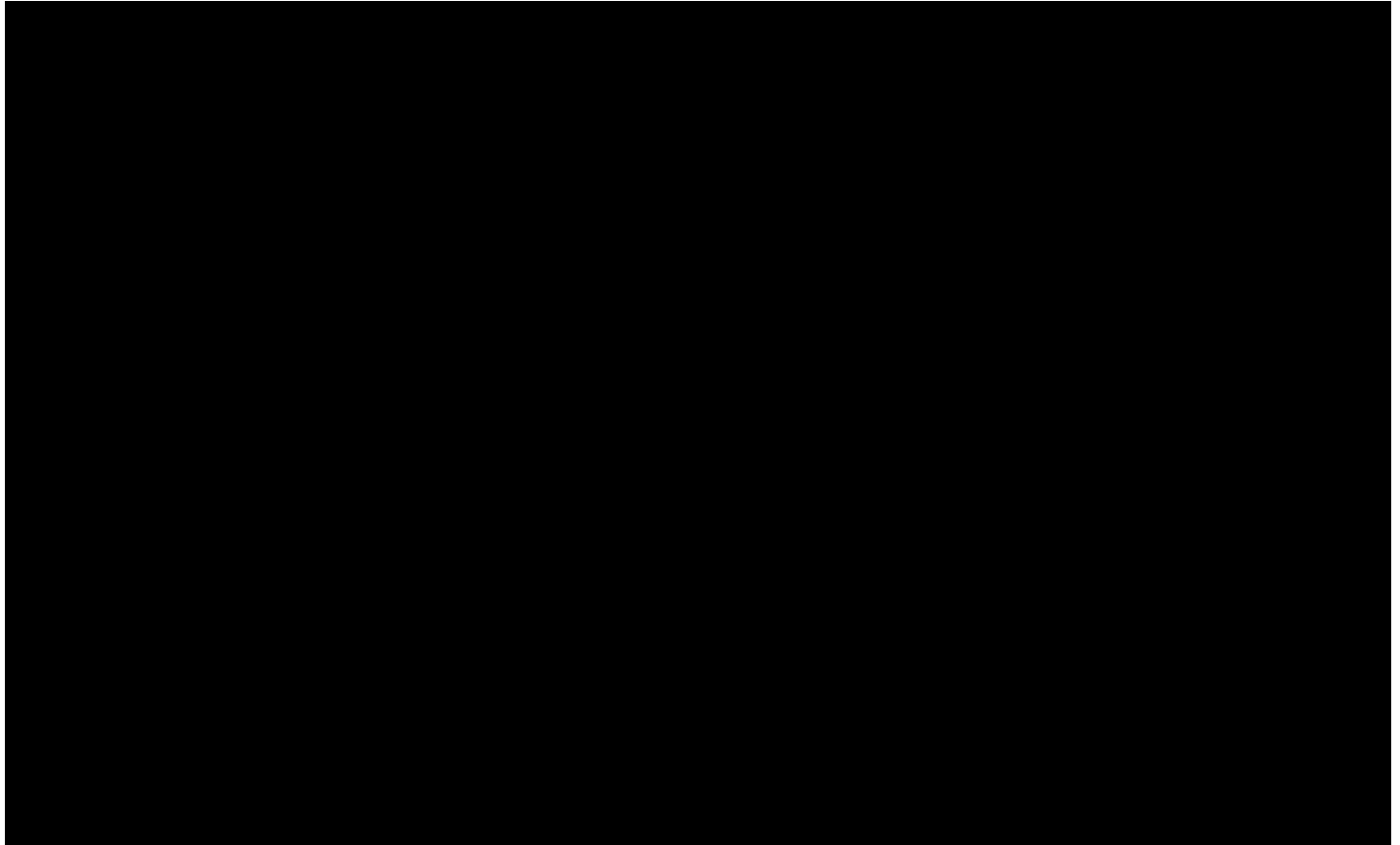
KEDLI

nationalgrid



Hempstead District

Eleven (11) valves with approximately [REDACTED] customers. The customer count may drop over time as low pressure main is converted to high pressure.

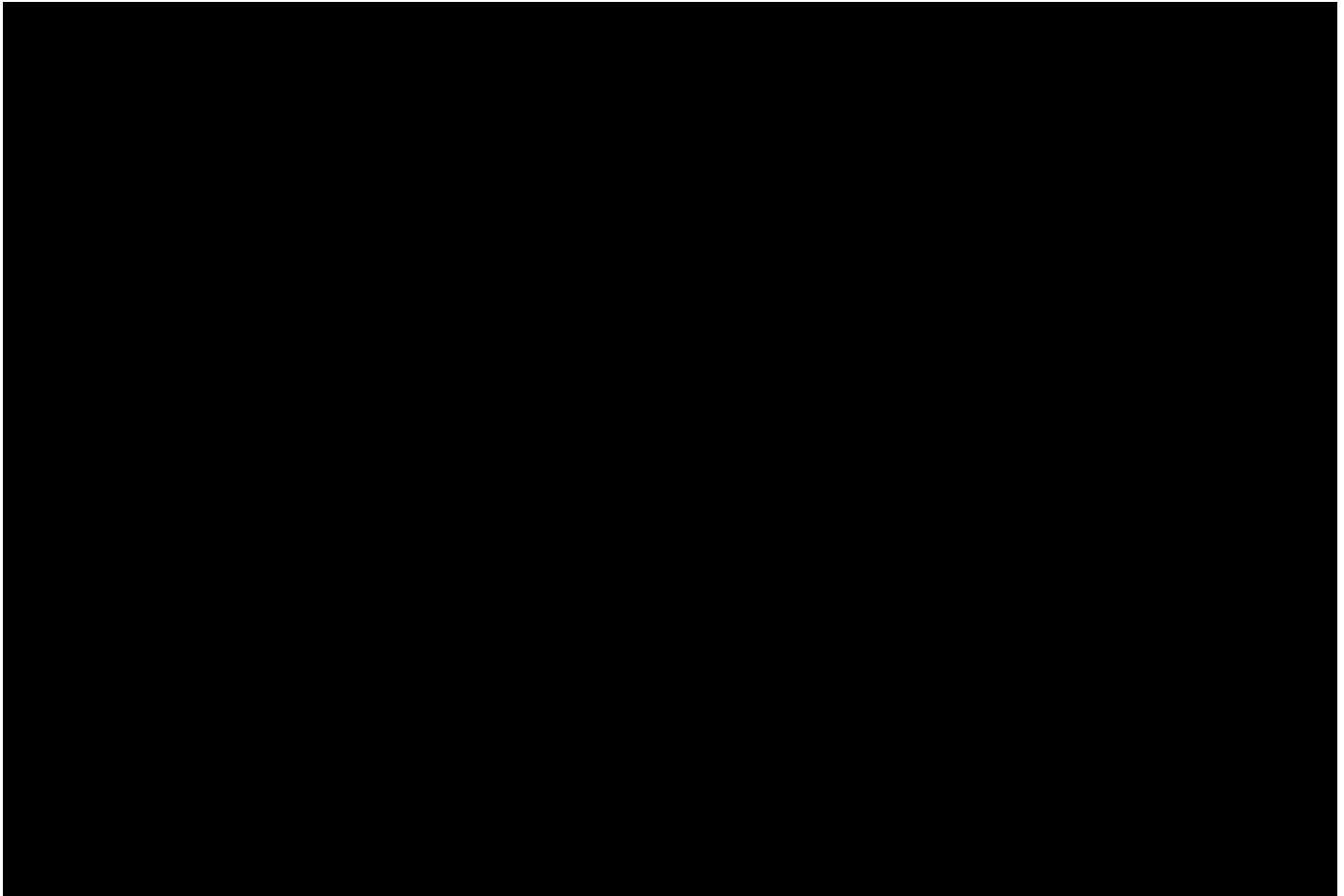


Uniondale LP District			
Valve	Street	Cross Street	Valve Size
1	[REDACTED]		3 in ST
2			6 in ST
3			6 in CI
4			6 in ST
5			4 in ST
6			4 in ST
7			12 in ST
8			4 in ST
9			3 in ST
10			3 in ST
11			6 in ST
12			12 in ST
13			8 in ST
14			6 in ST

CI = Cast Iron
ST = Steel

Uniondale District

Fourteen (14) valves with approximately [REDACTED] customers. The customer count may drop over time as low pressure main is converted to high pressure.



Uniondale LP District			
Valve	Street	Cross Street	Valve Size
1	[REDACTED]		3 in ST
2			6 in ST
3			6 in CI
4			6 in ST
5			4 in ST
6			4 in ST
7			12 in ST
8			4 in ST
9			3 in ST
10			3 in ST
11			6 in ST
12			12 in ST
13			8 in ST
14			6 in ST

CI = Cast Iron
ST = Steel

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