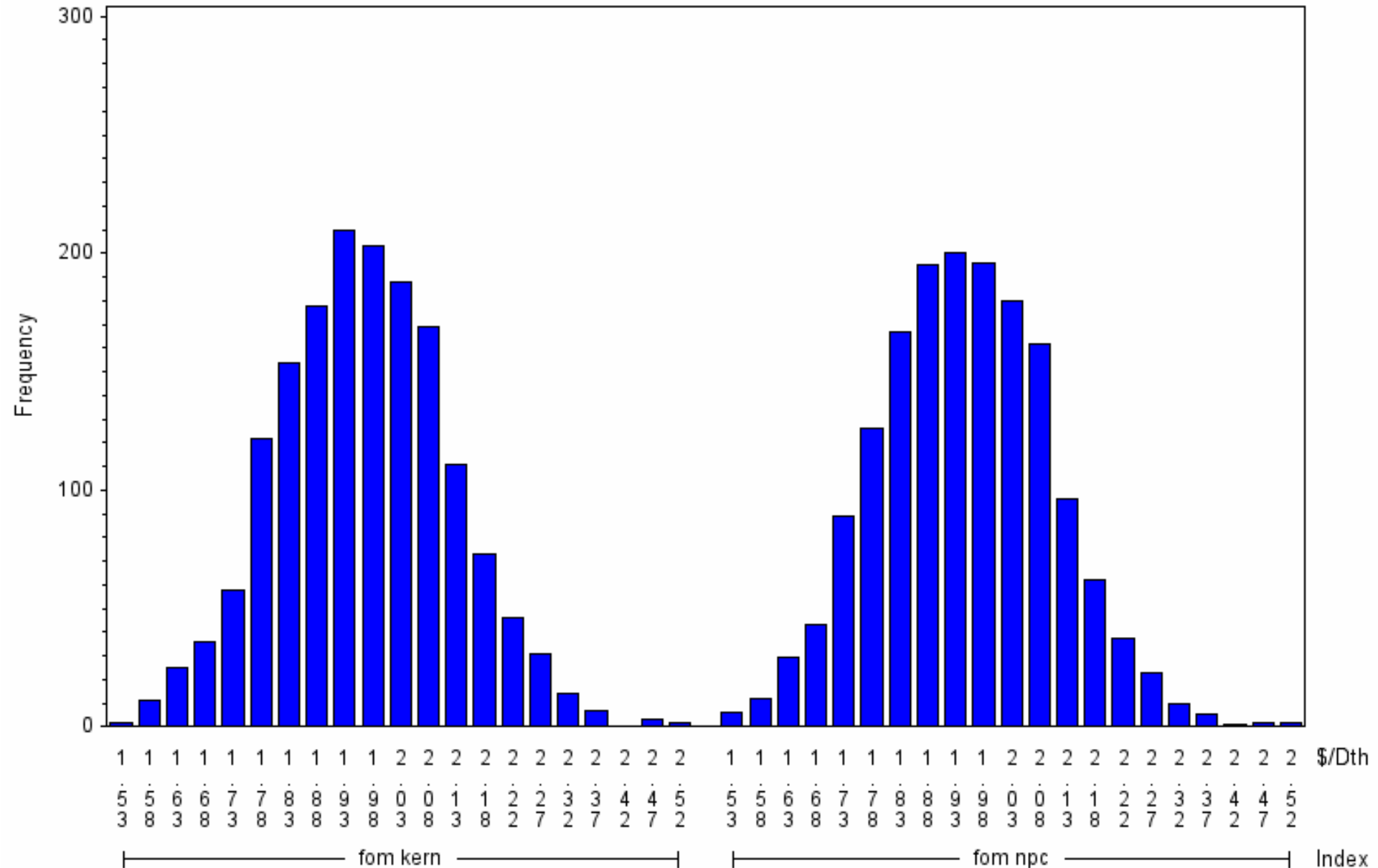


# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2016 month=6

Exhibit 9.01



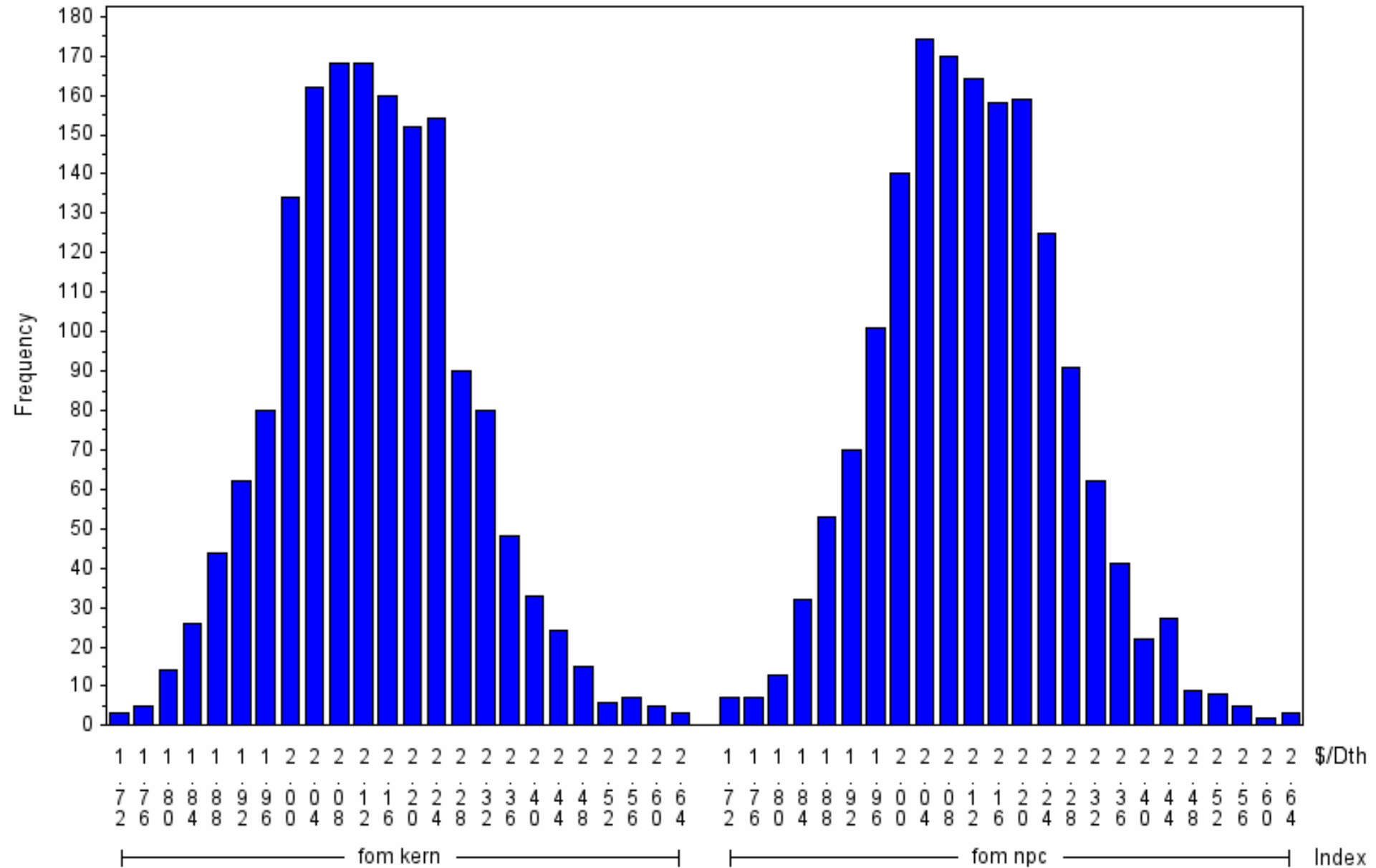
# Monthly FOM Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=7

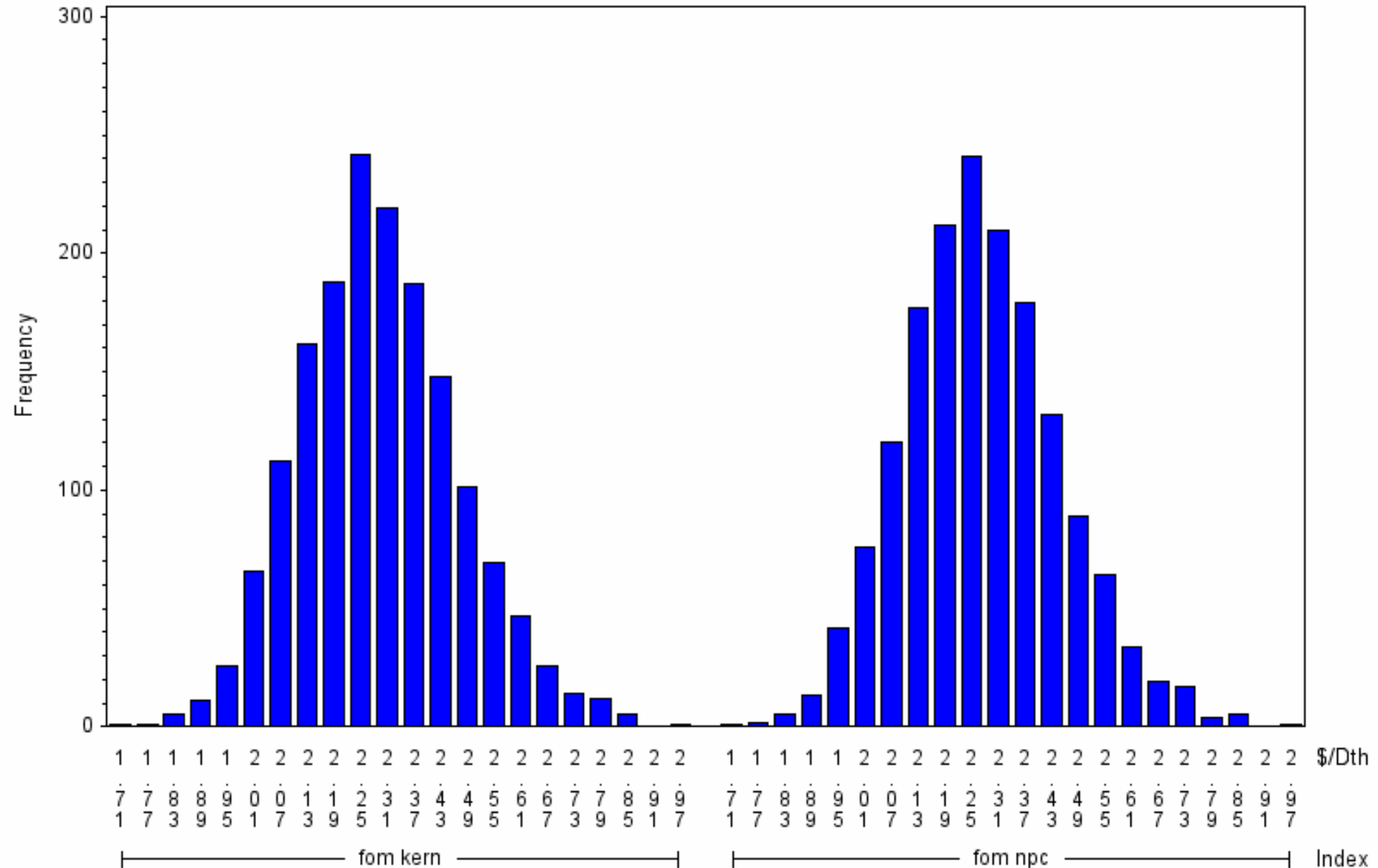
Exhibit 9.02



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2016 month=8

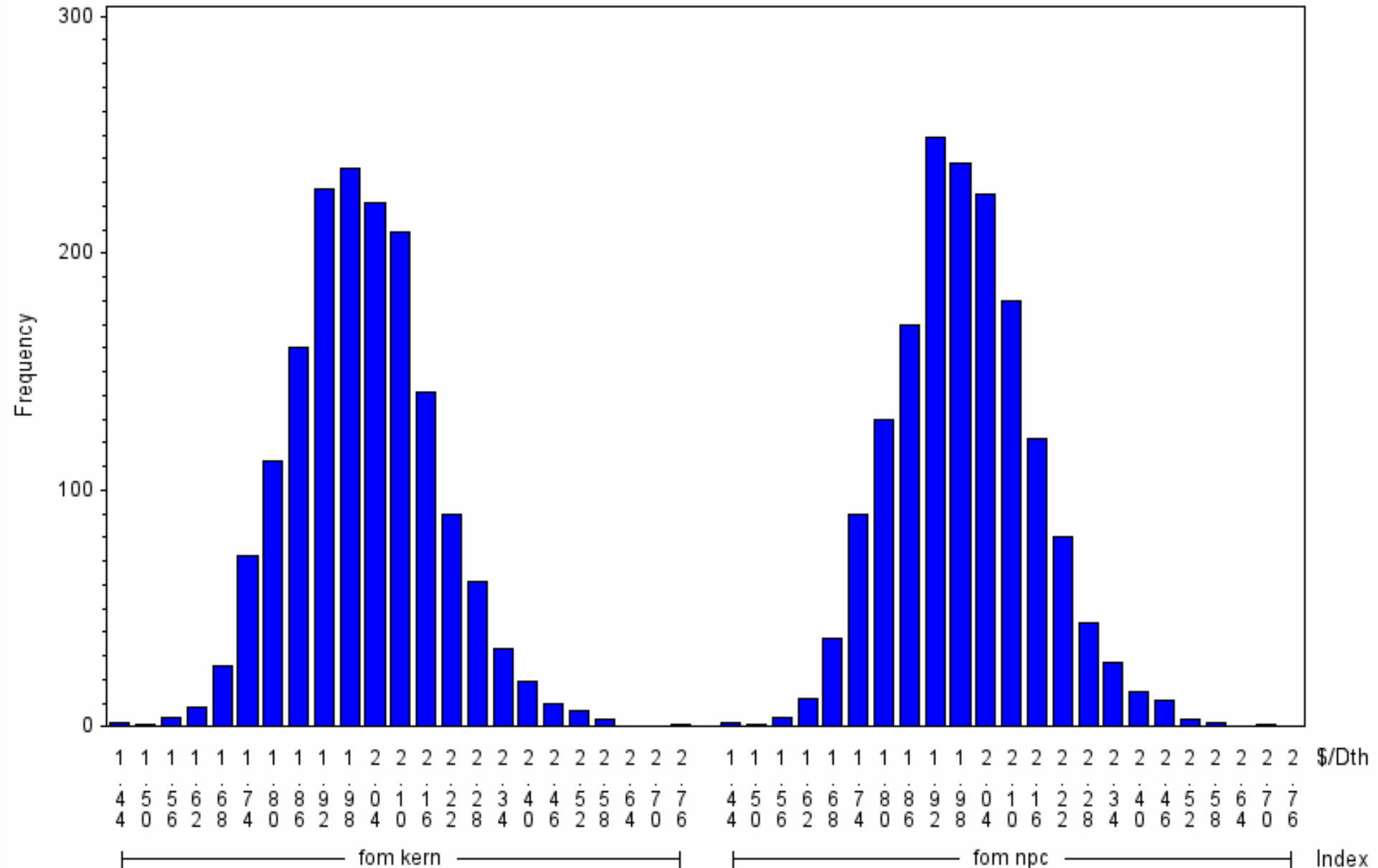
Exhibit 9.03



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2016 month=9

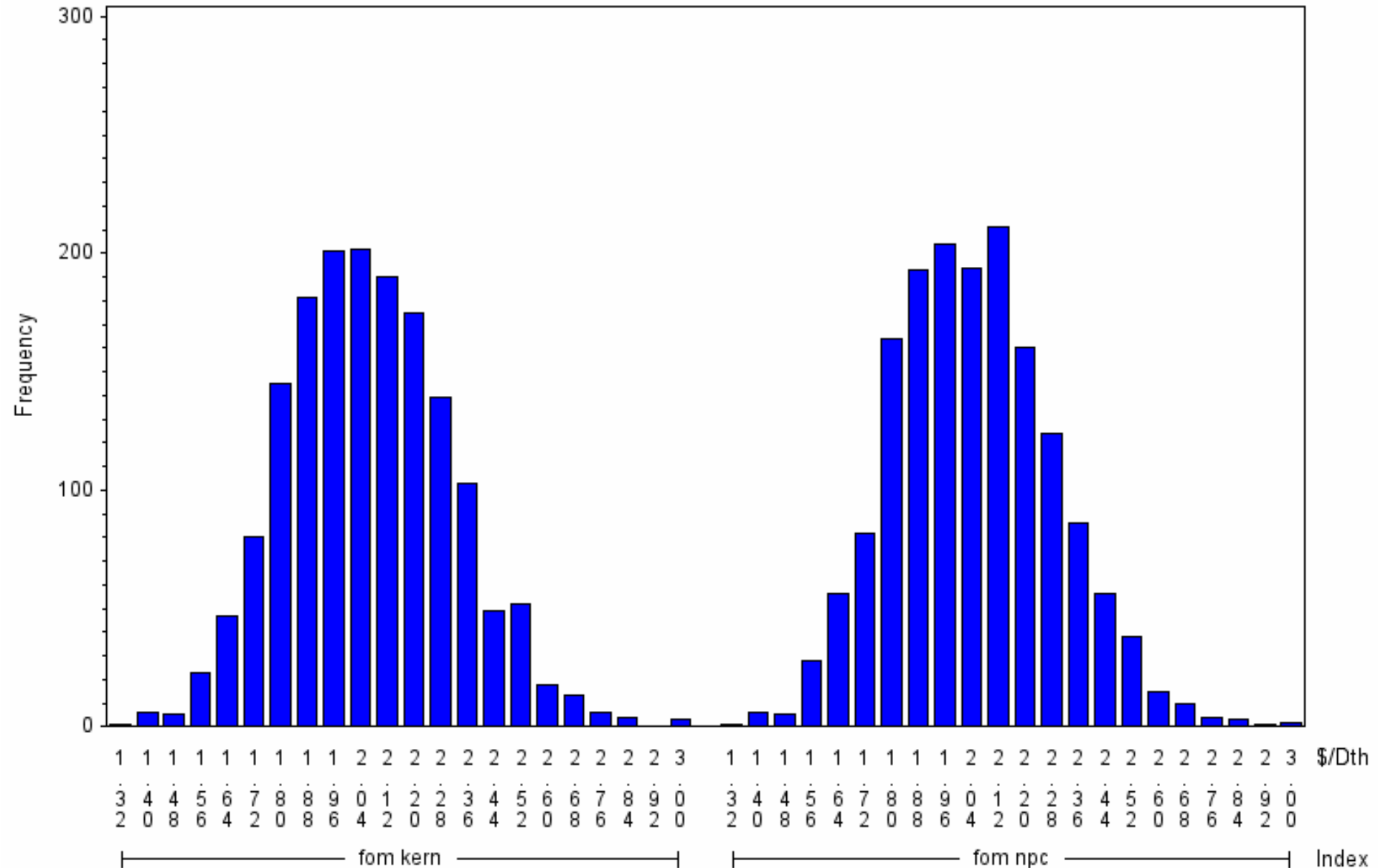
Exhibit 9.04



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2016 month=10

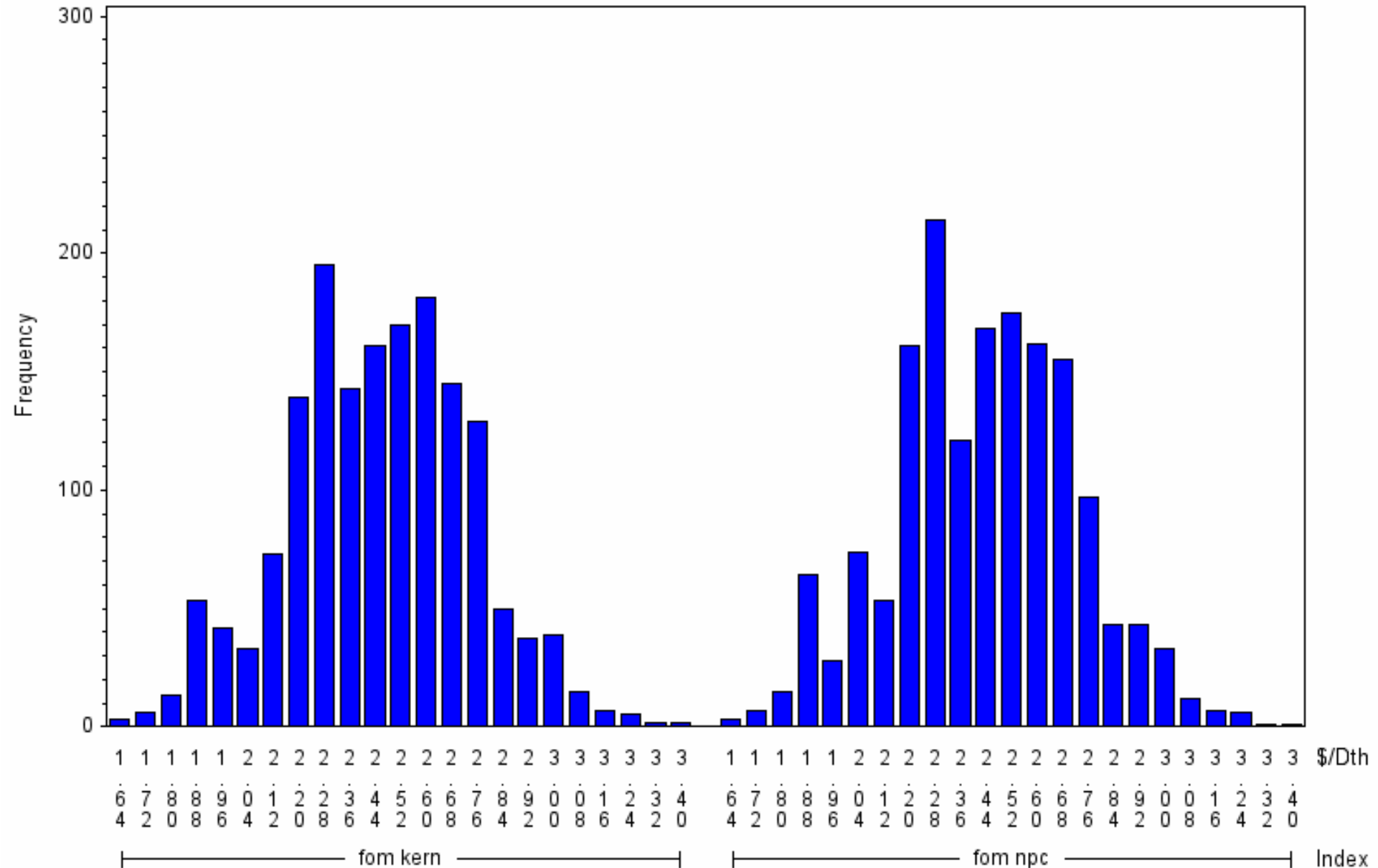
Exhibit 9.05



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2016 month=11

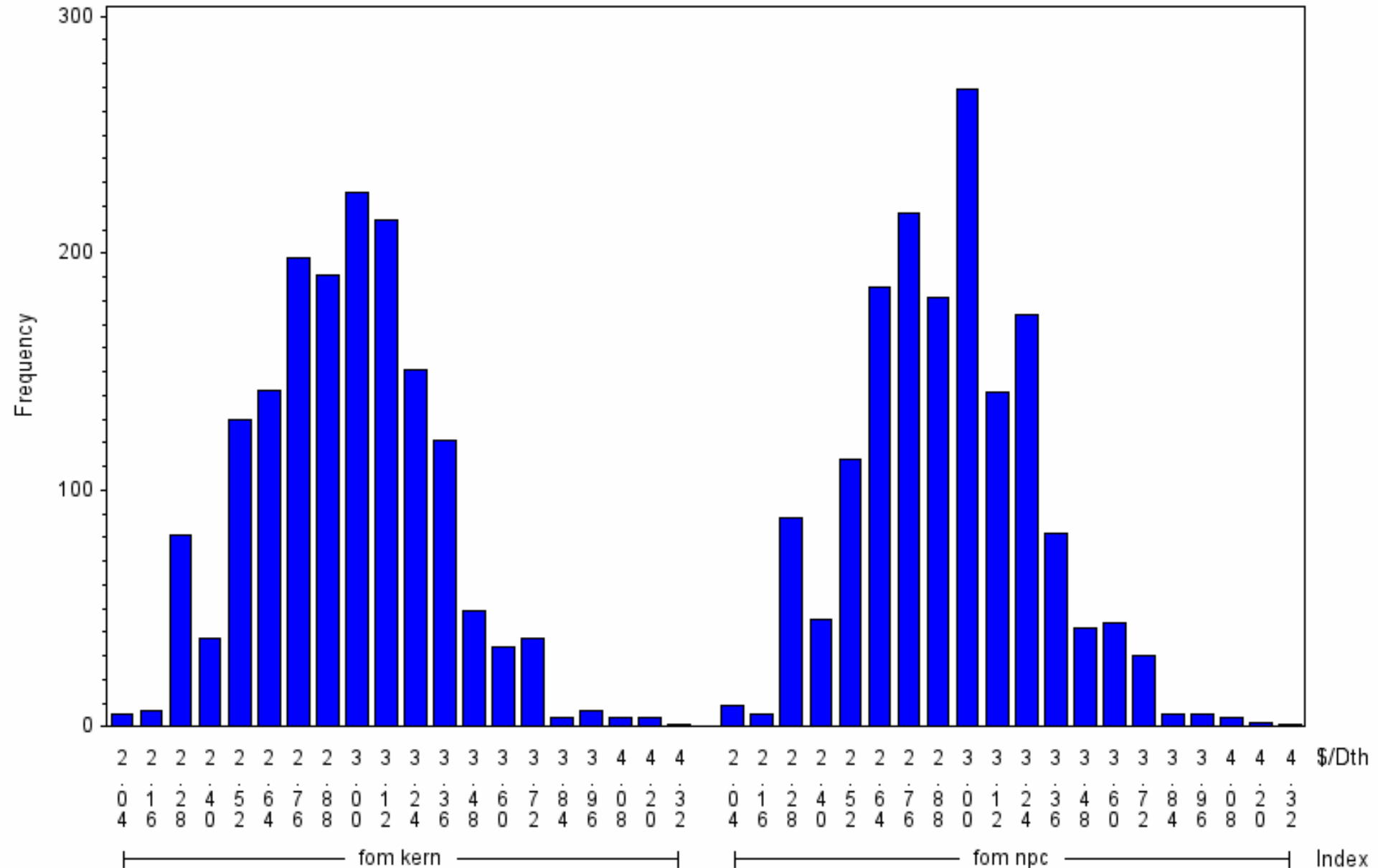
Exhibit 9.06



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2016 month=12

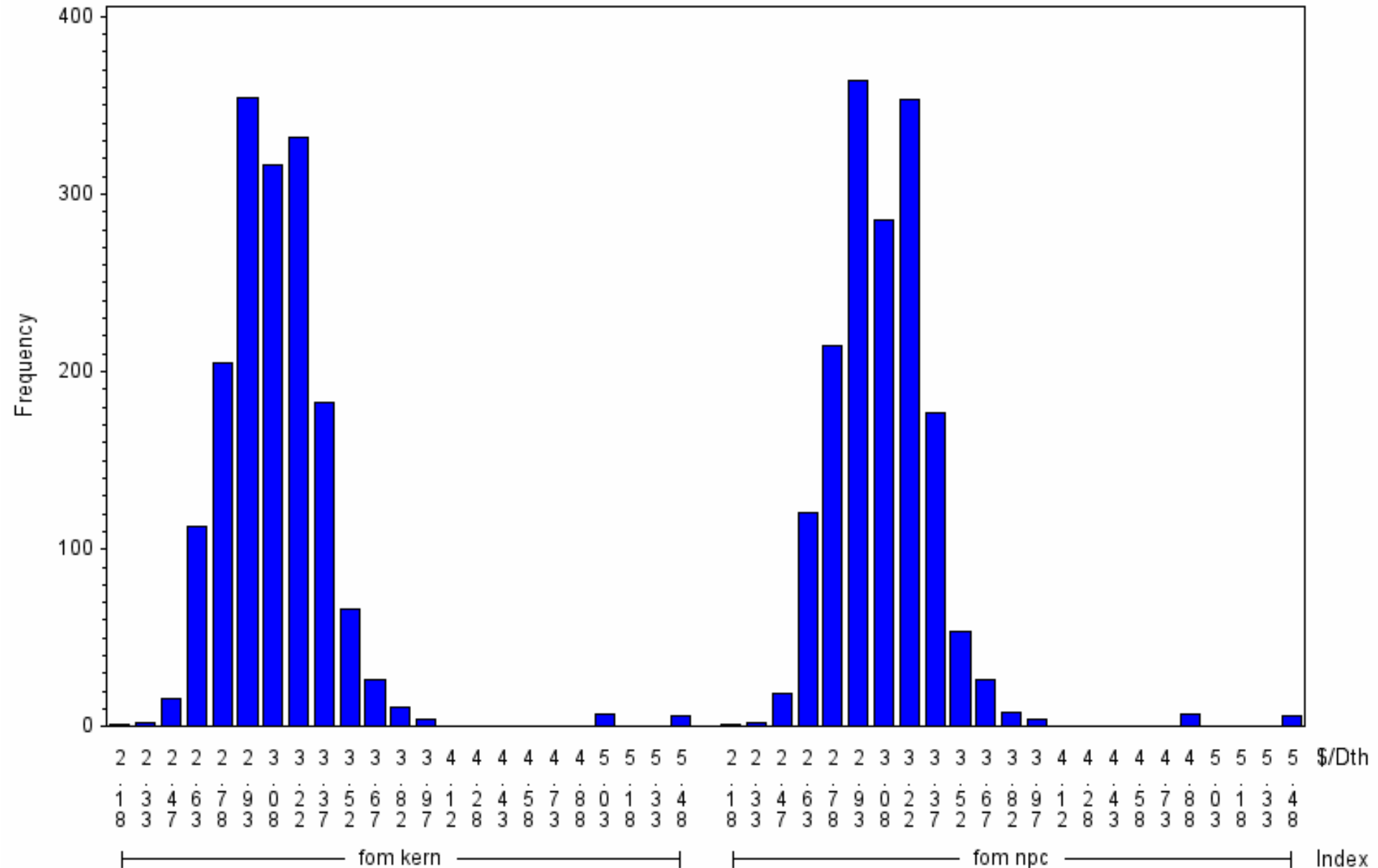
Exhibit 9.07



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2017 month=1

Exhibit 9.08





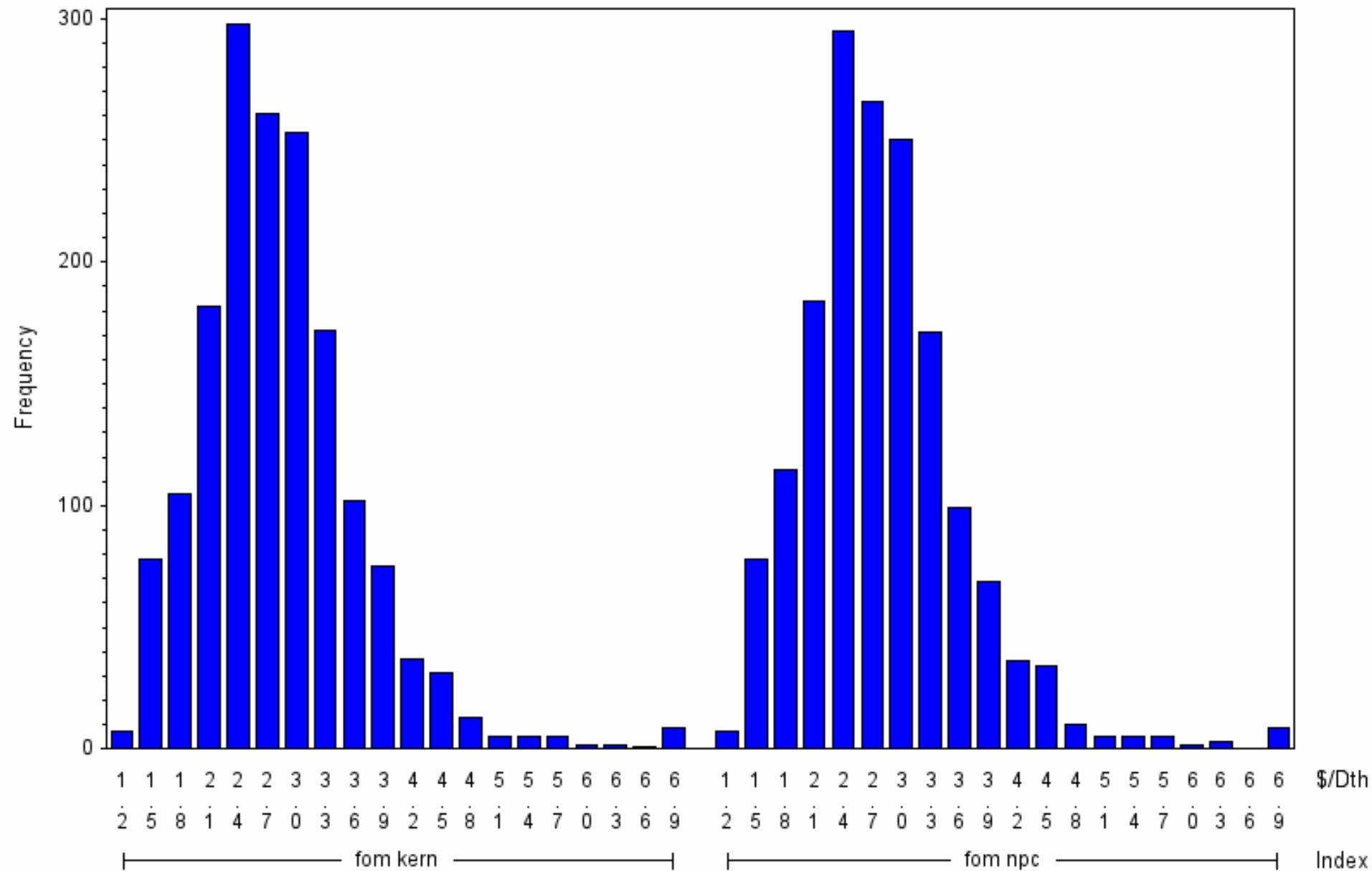
# Monthly FOM Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=2

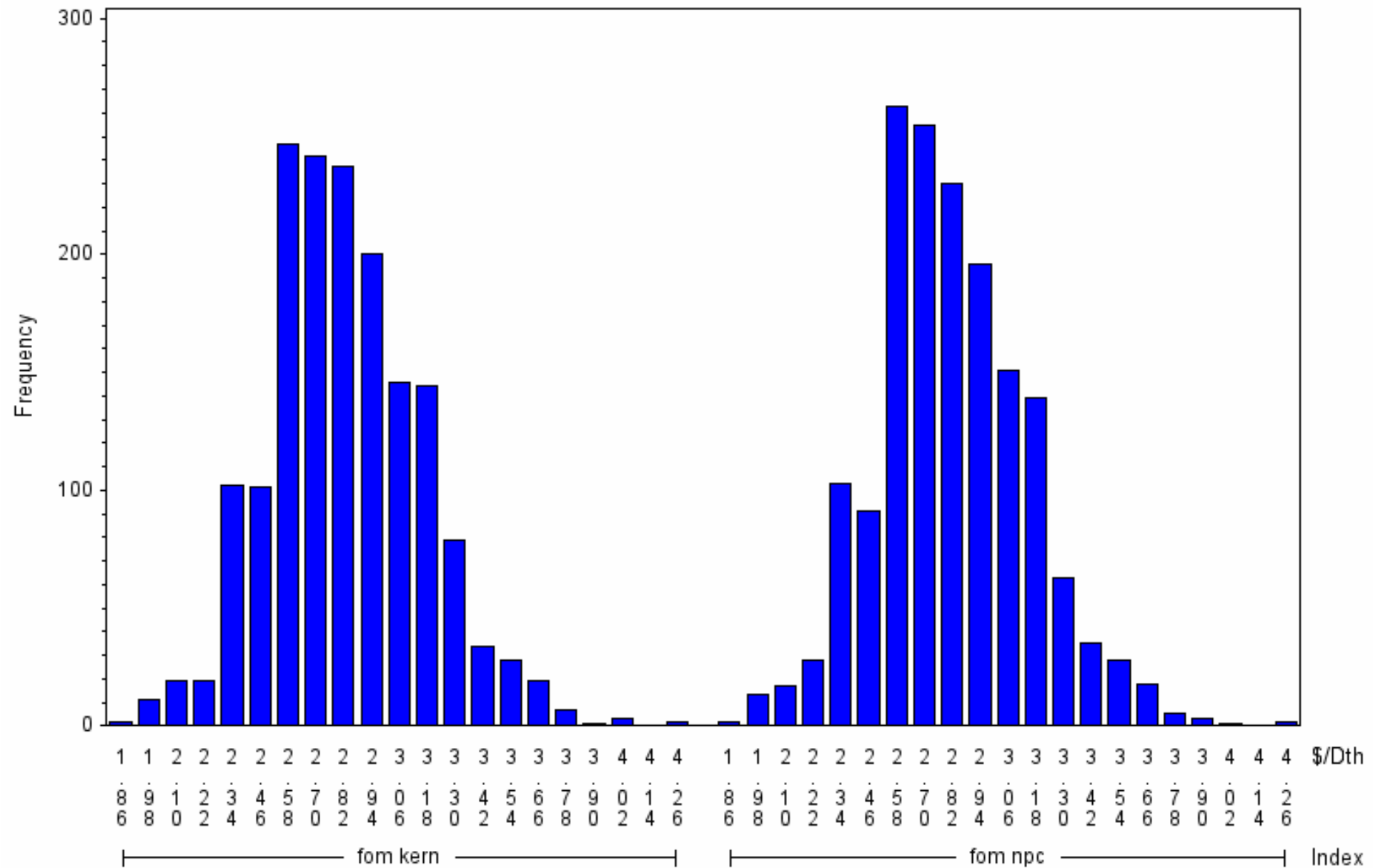
Exhibit 9.09



# Monthly FOM Index Price Distribution

2016 Plan Year  
Scenario 1001 : 1643 Draws  
year=2017 month=3

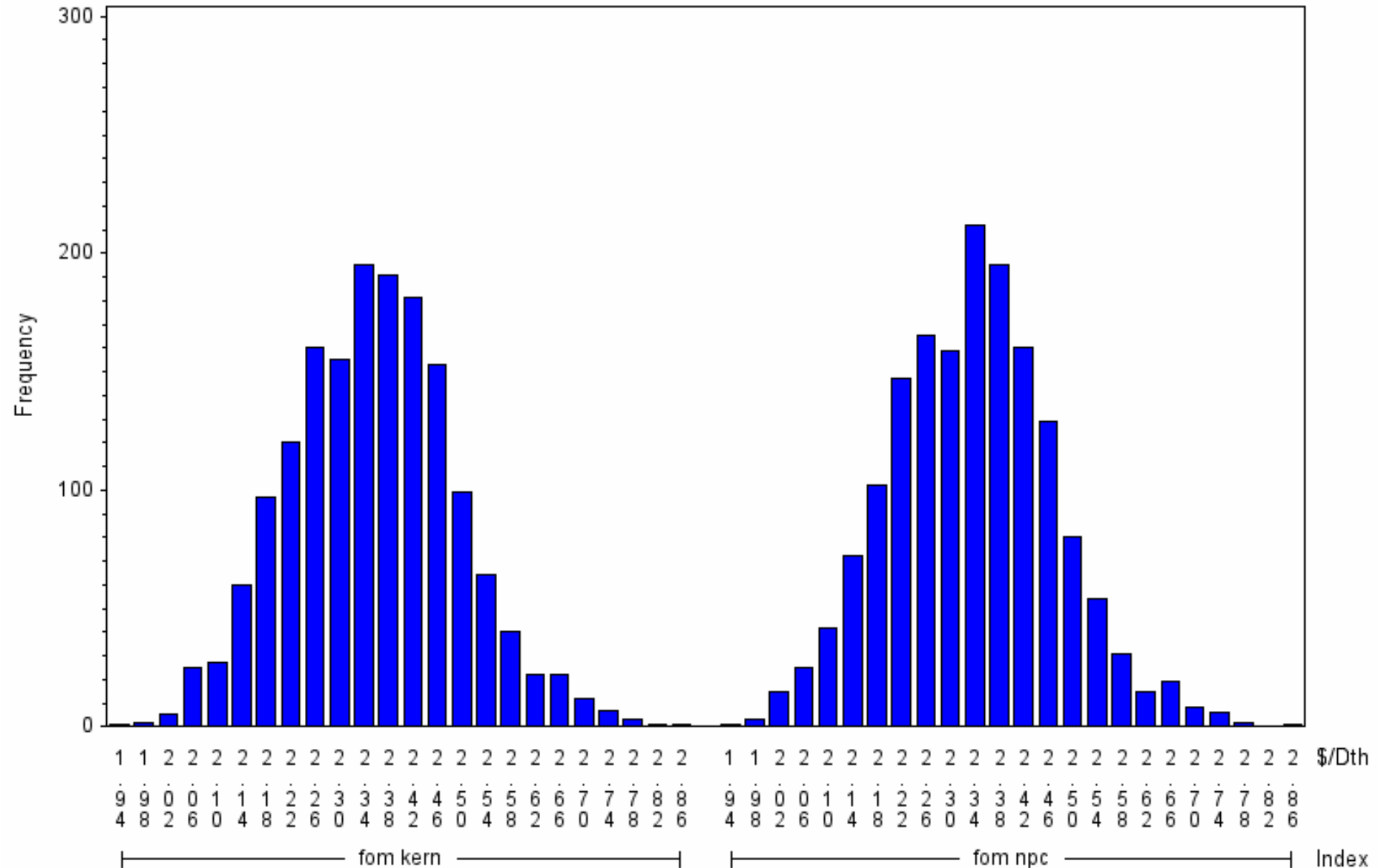
Exhibit 9.10



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2017 month=4

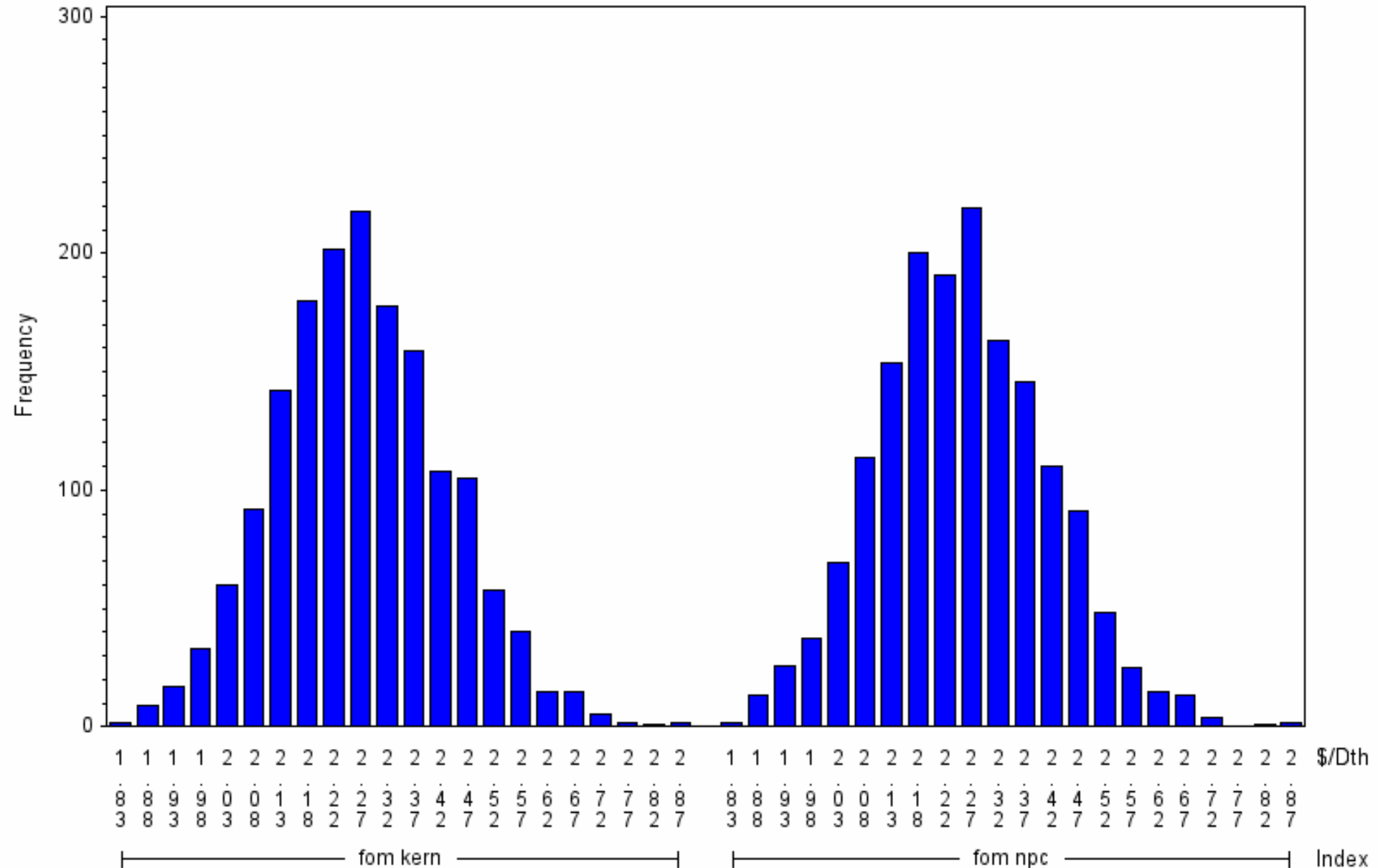
Exhibit 9.11



# Monthly FOM Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2017 month=5

Exhibit 9.12



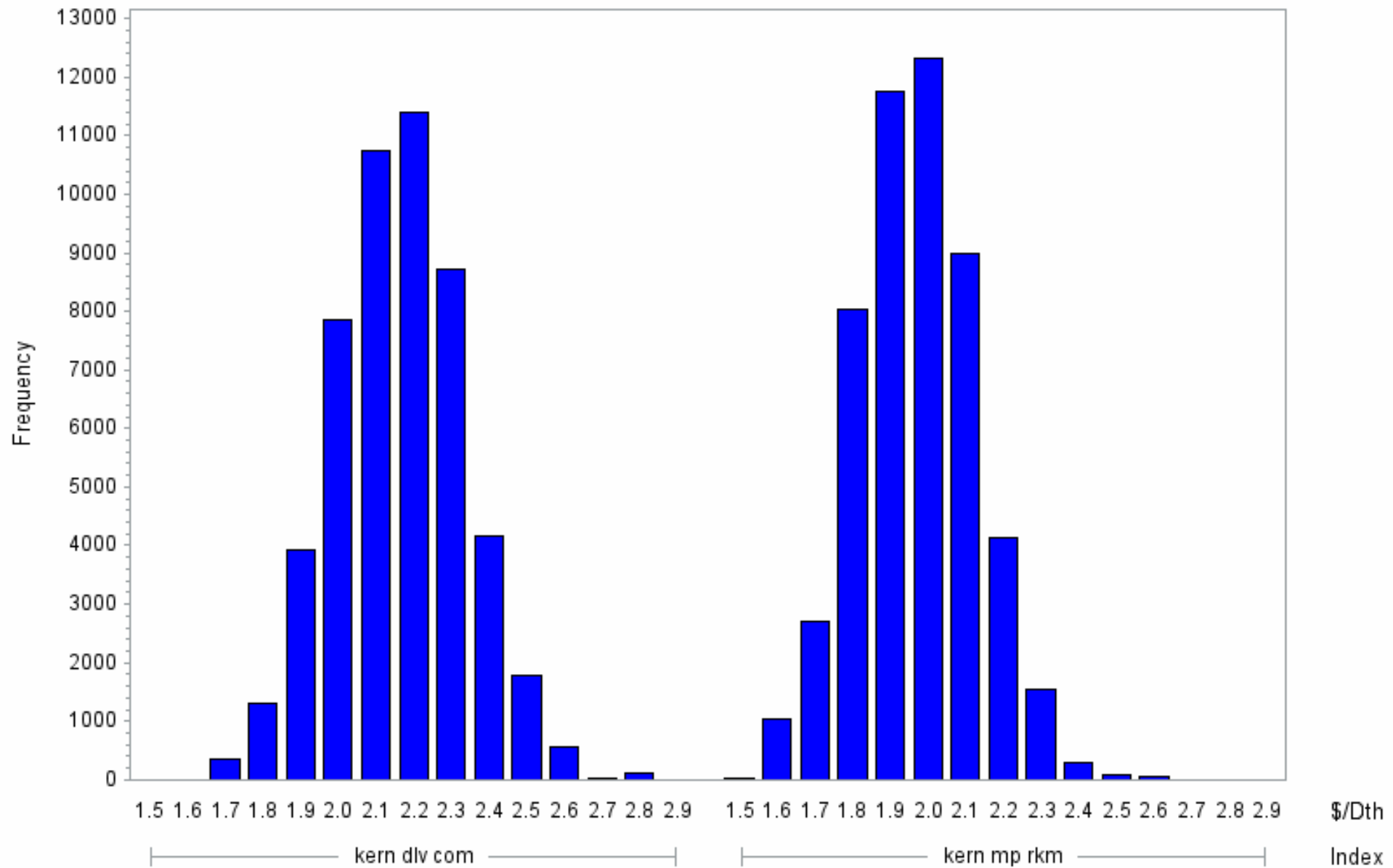
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=6

Exhibit 9.13



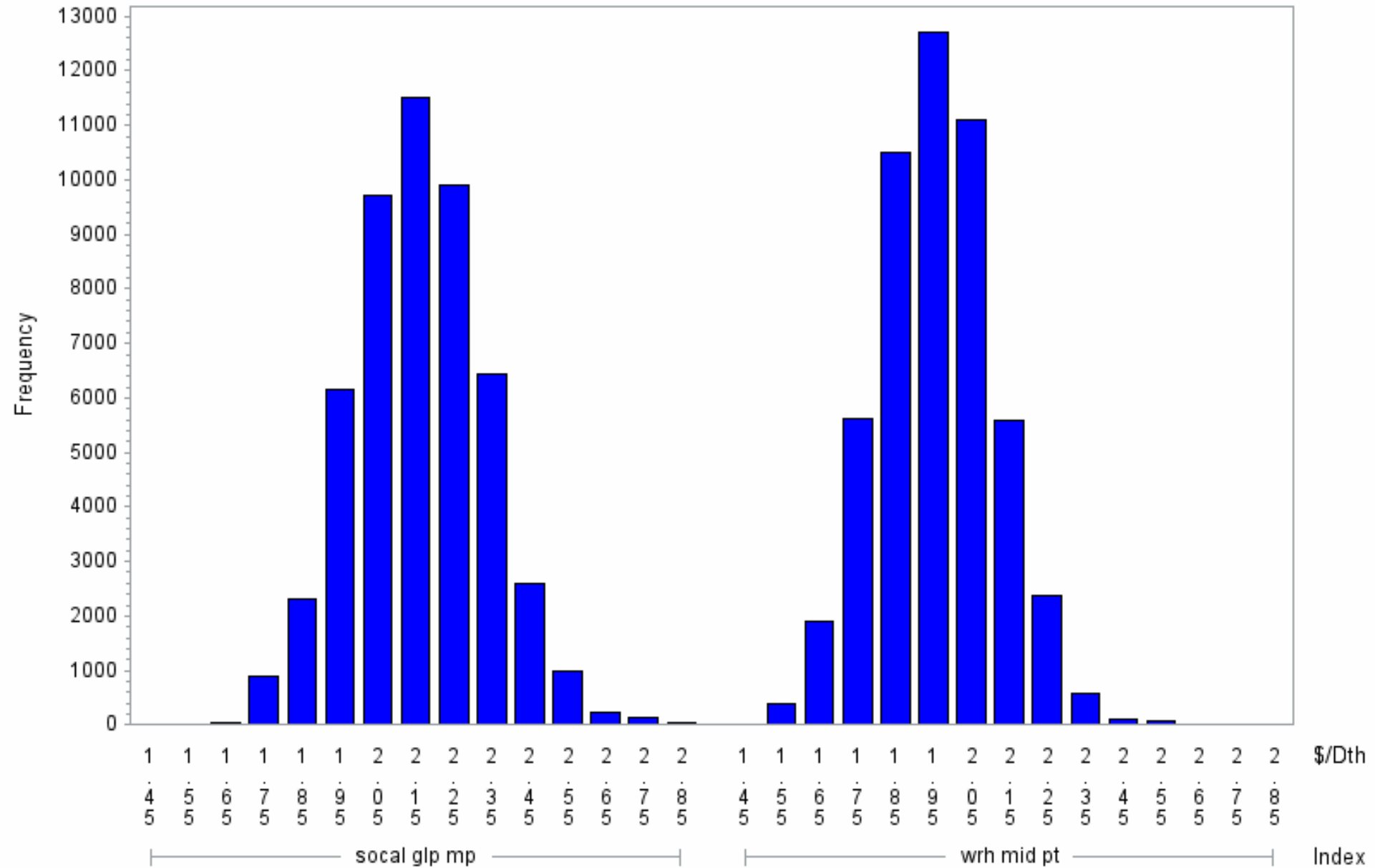
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=6

Exhibit 9.14



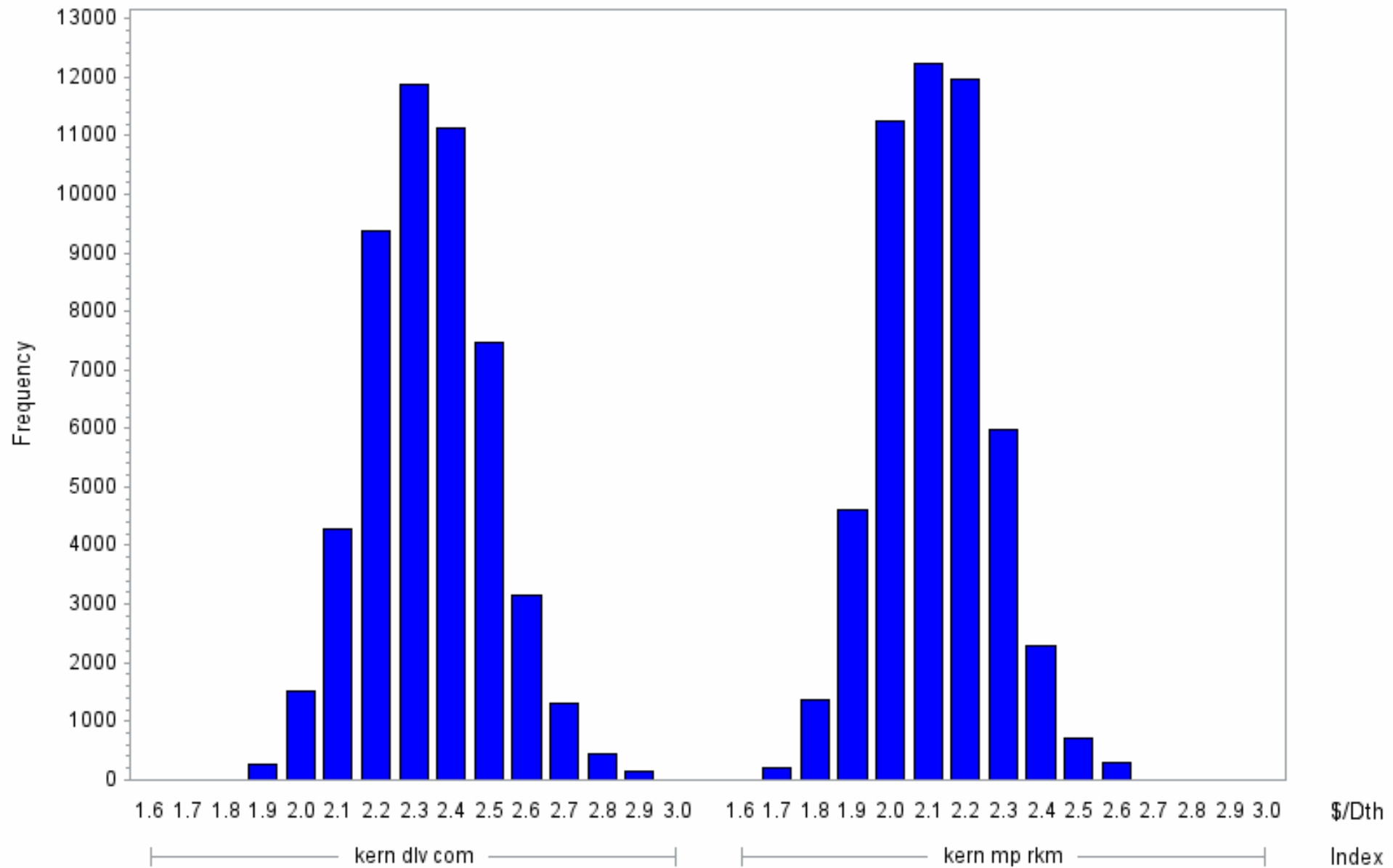
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=7

Exhibit 9.15



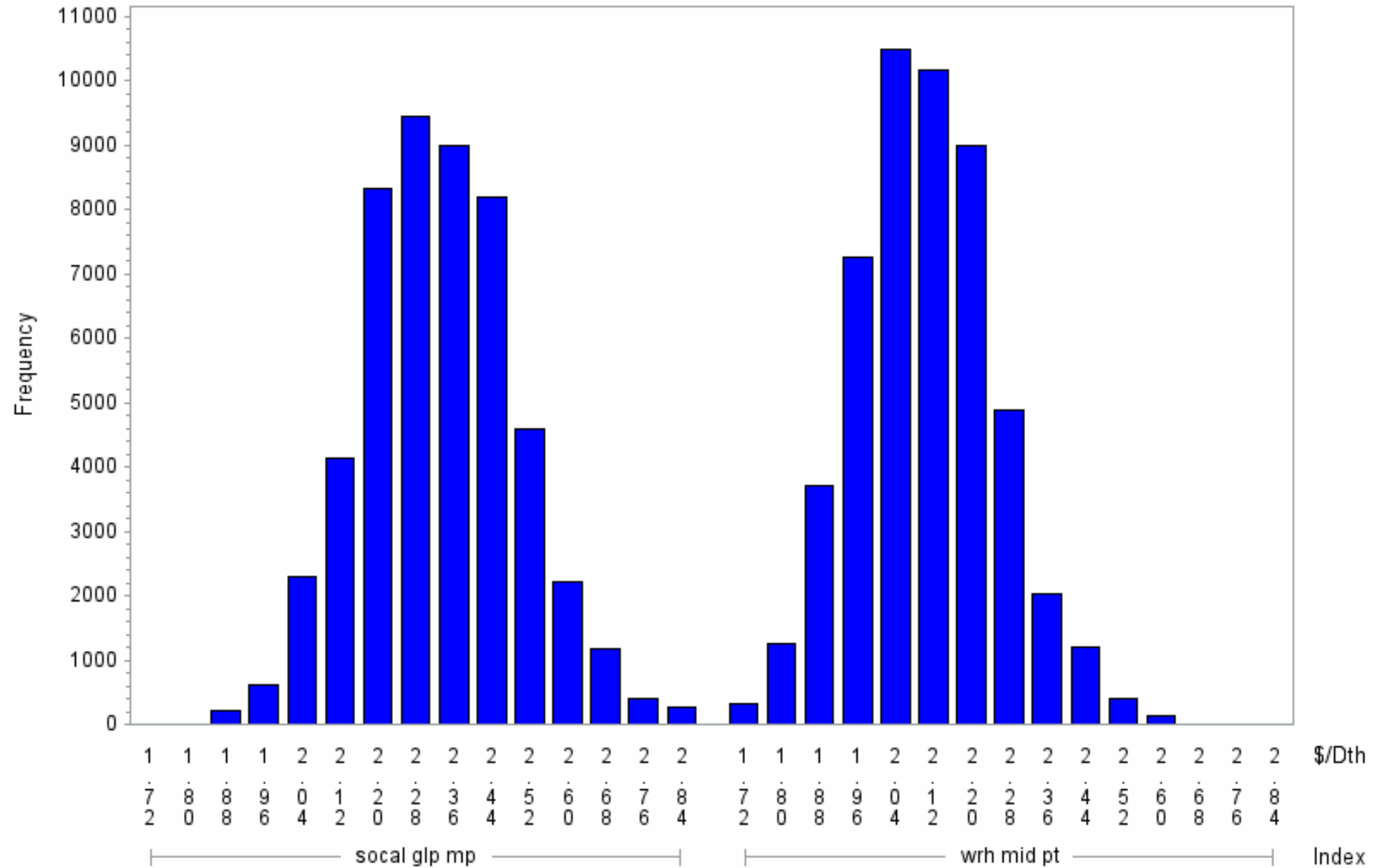
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=7

Exhibit 9.16





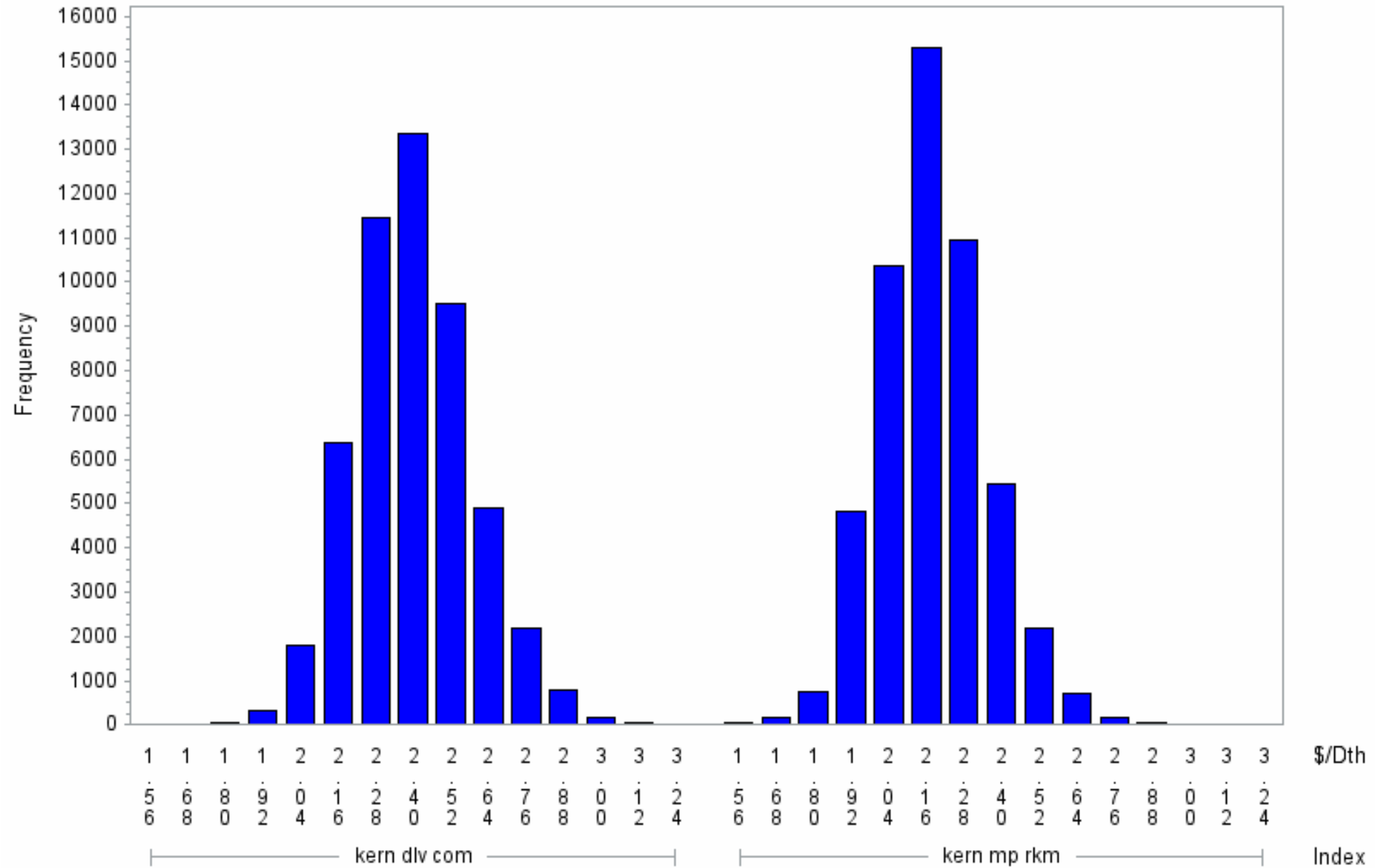
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=8

Exhibit 9.17



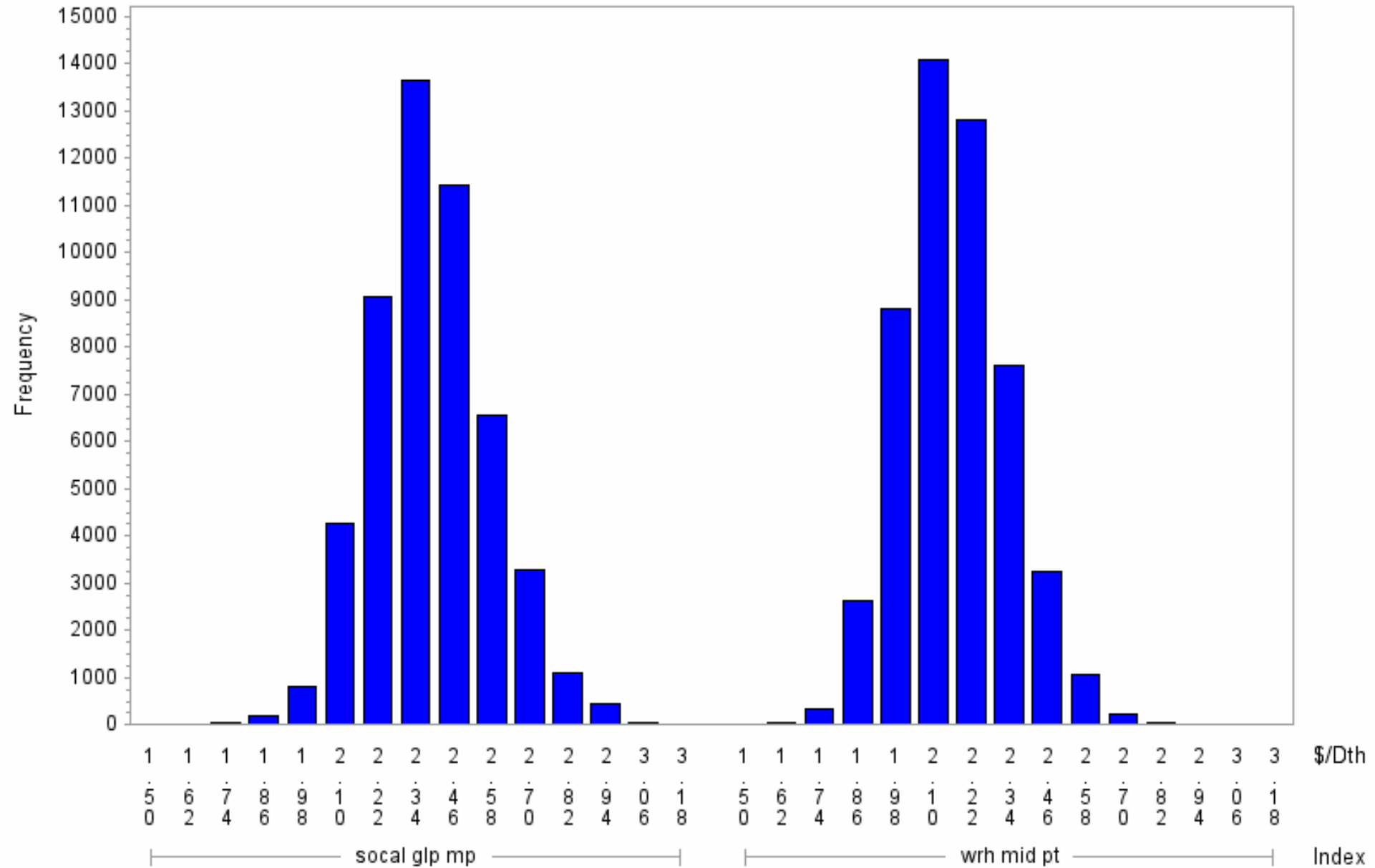
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=8

Exhibit 9.18



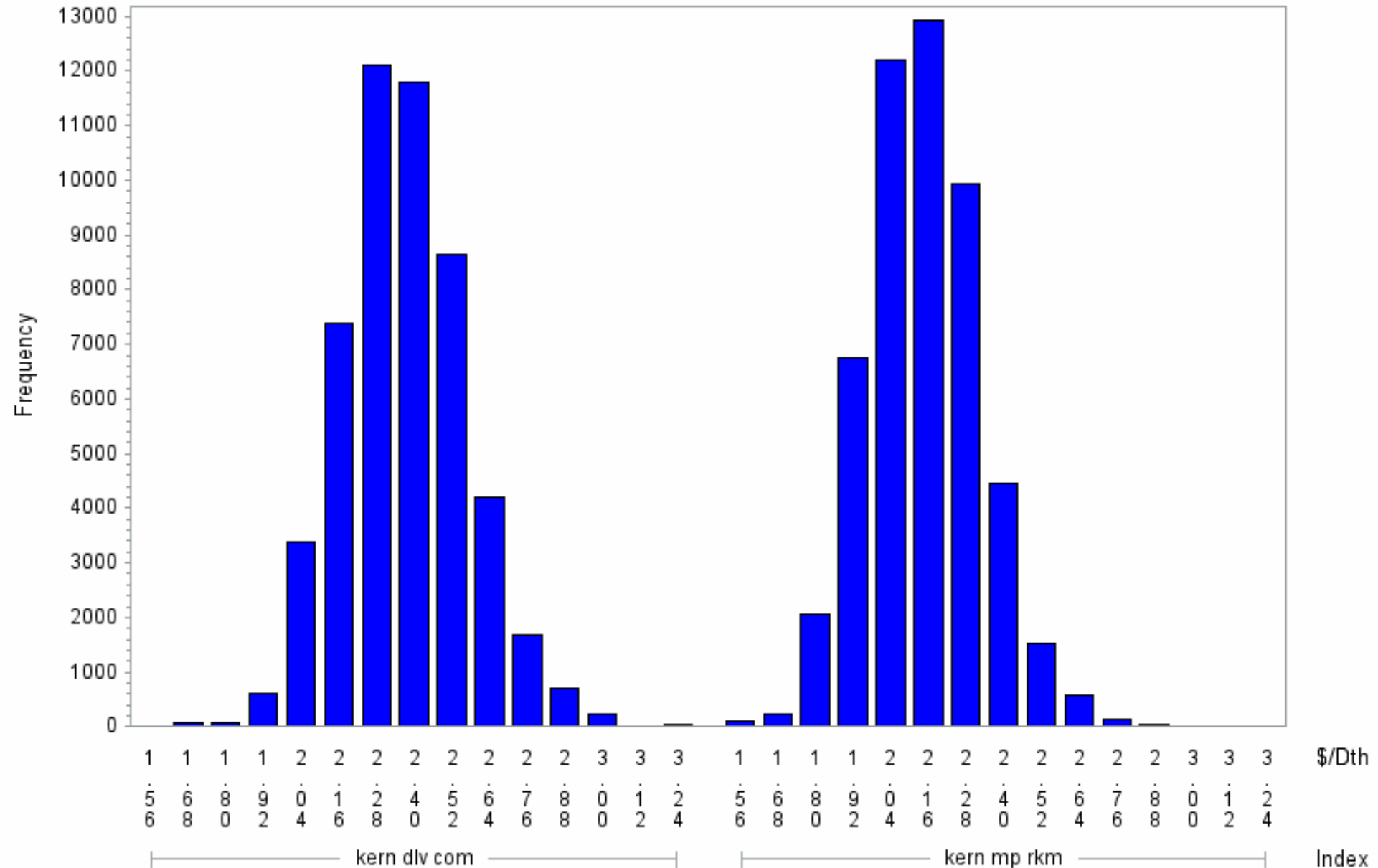
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=9

Exhibit 9.19



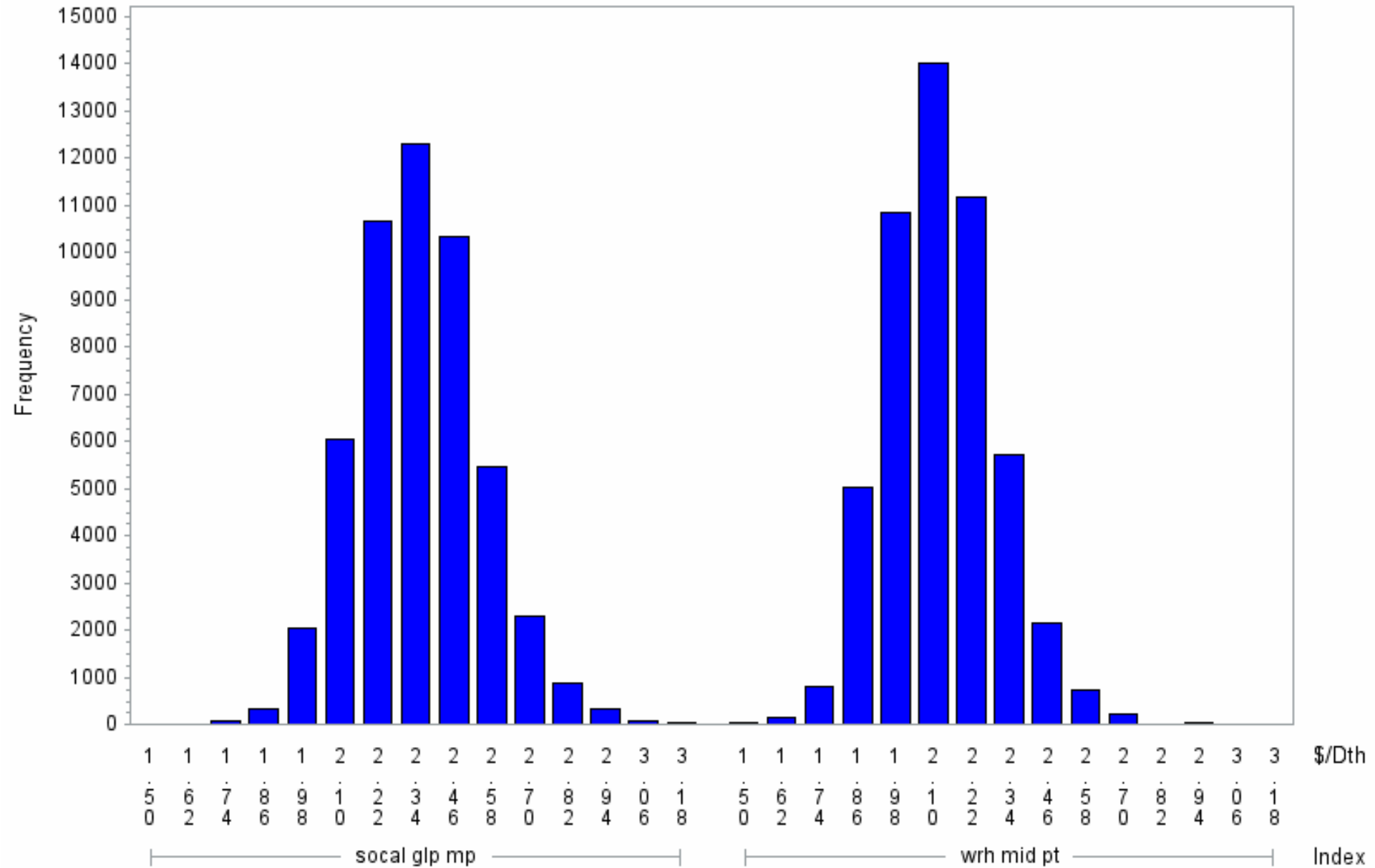
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=9

Exhibit 9.20



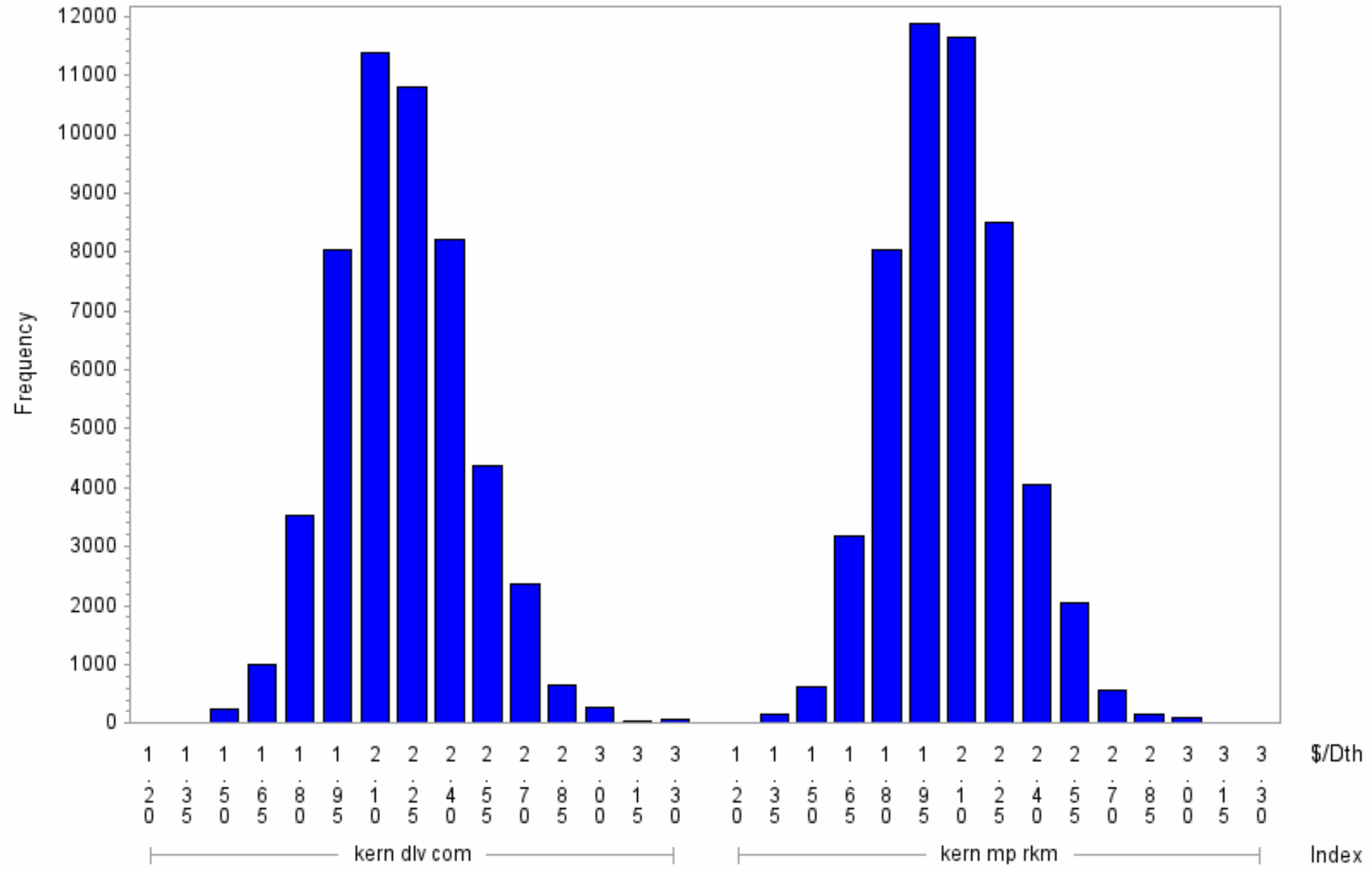
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=10

Exhibit 9.21



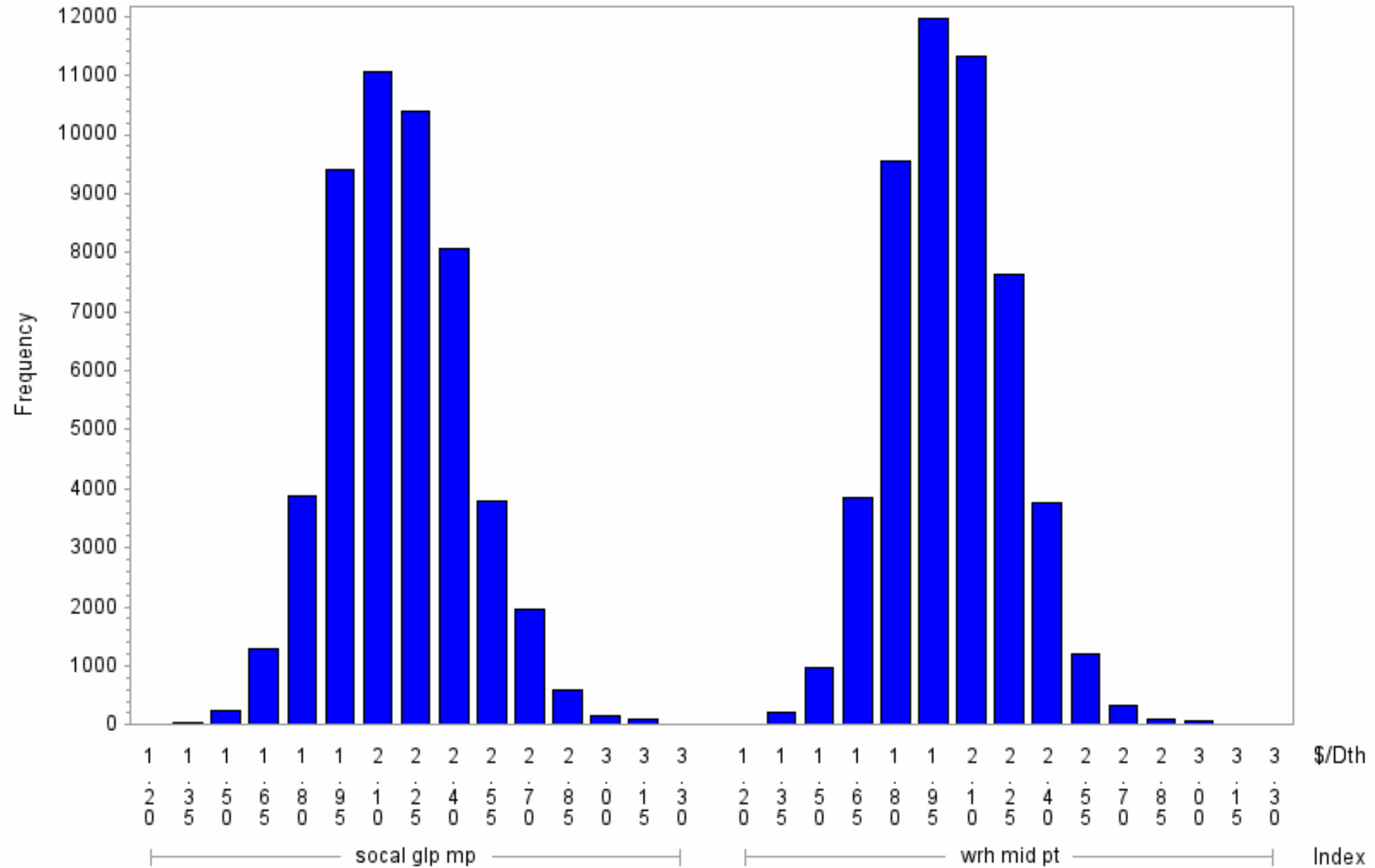
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=10

Exhibit 9.22





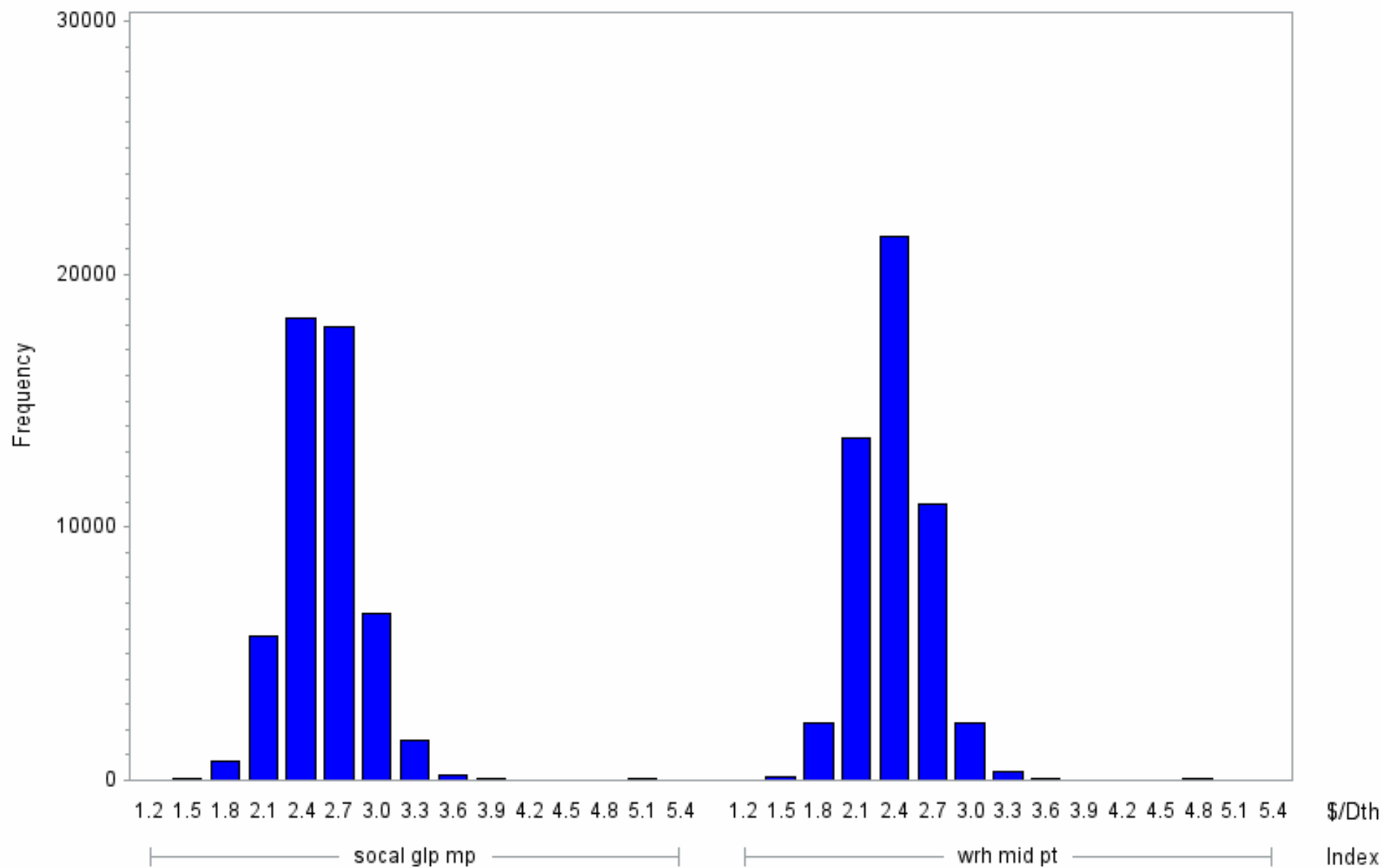
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=11

Exhibit 9.24





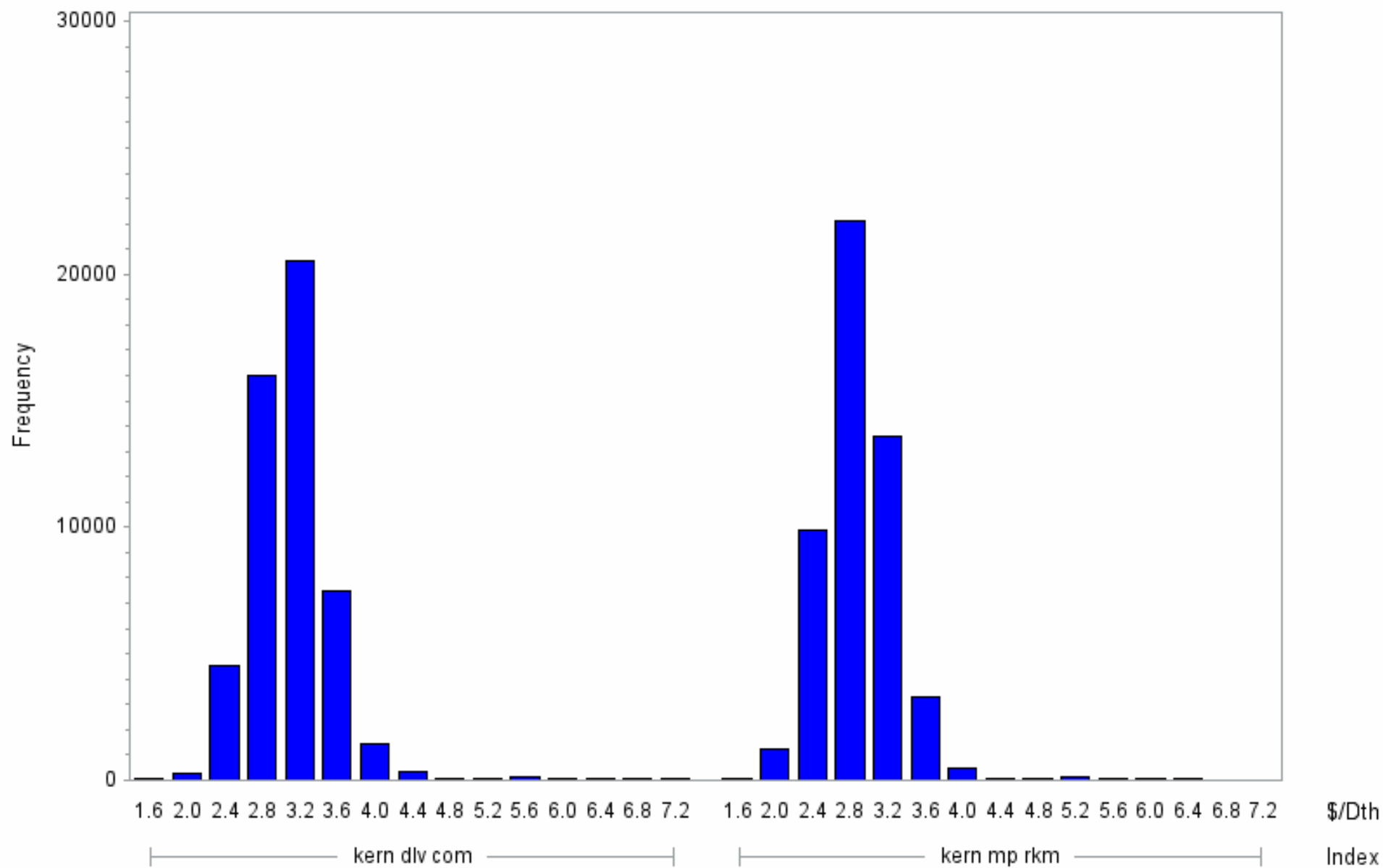
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=12

Exhibit 9.25



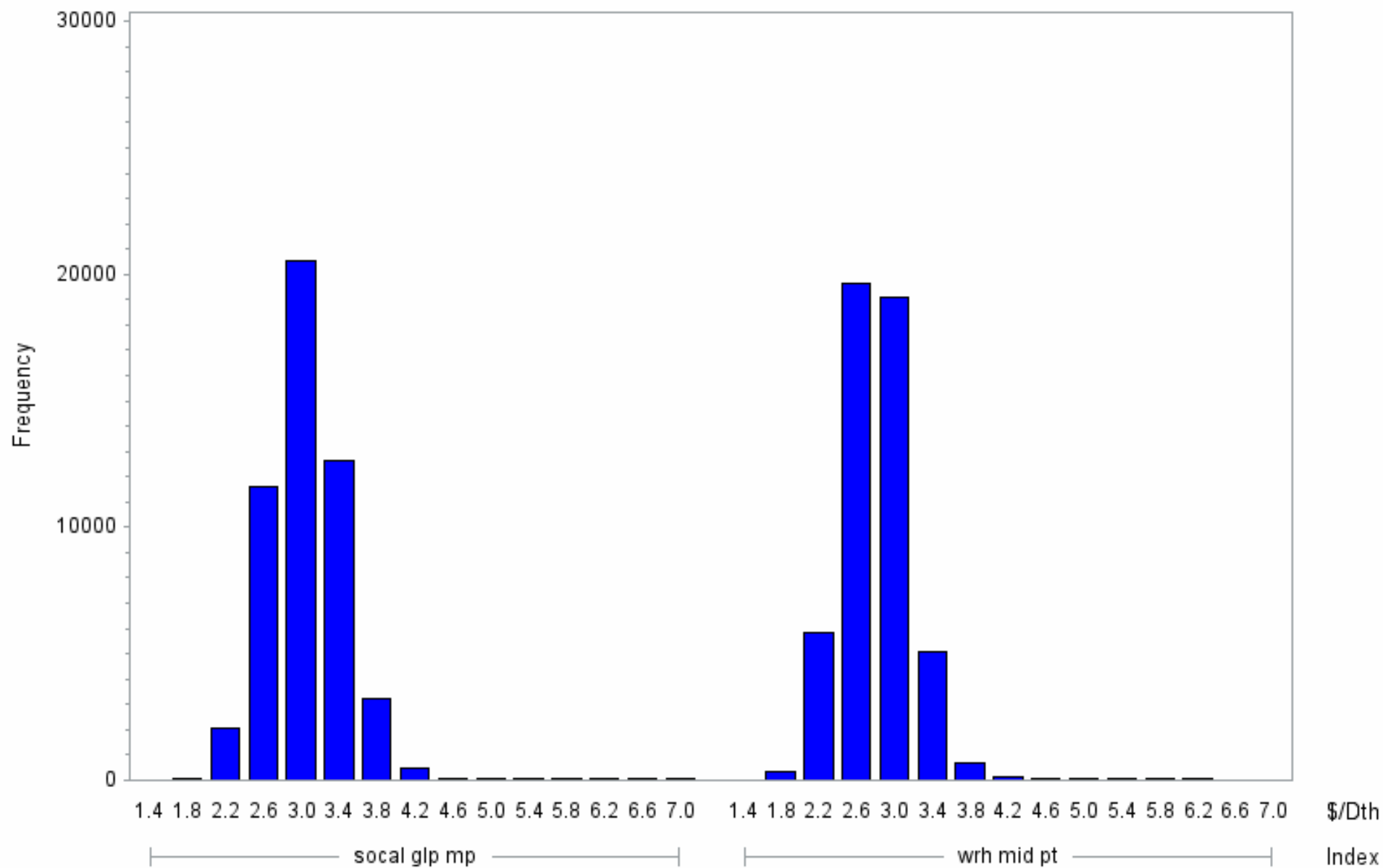
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=12

Exhibit 9.26



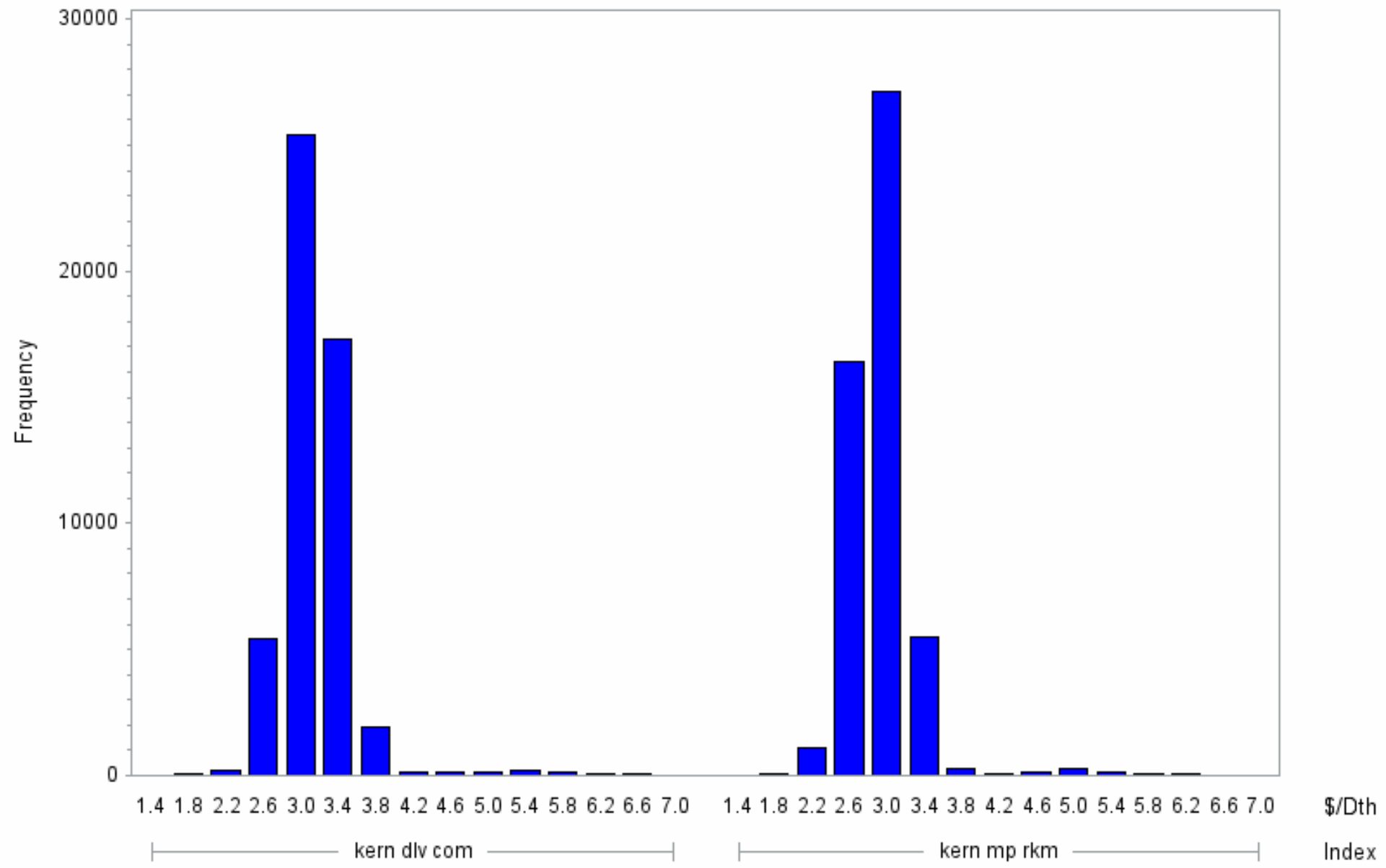
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=1

Exhibit 9.27



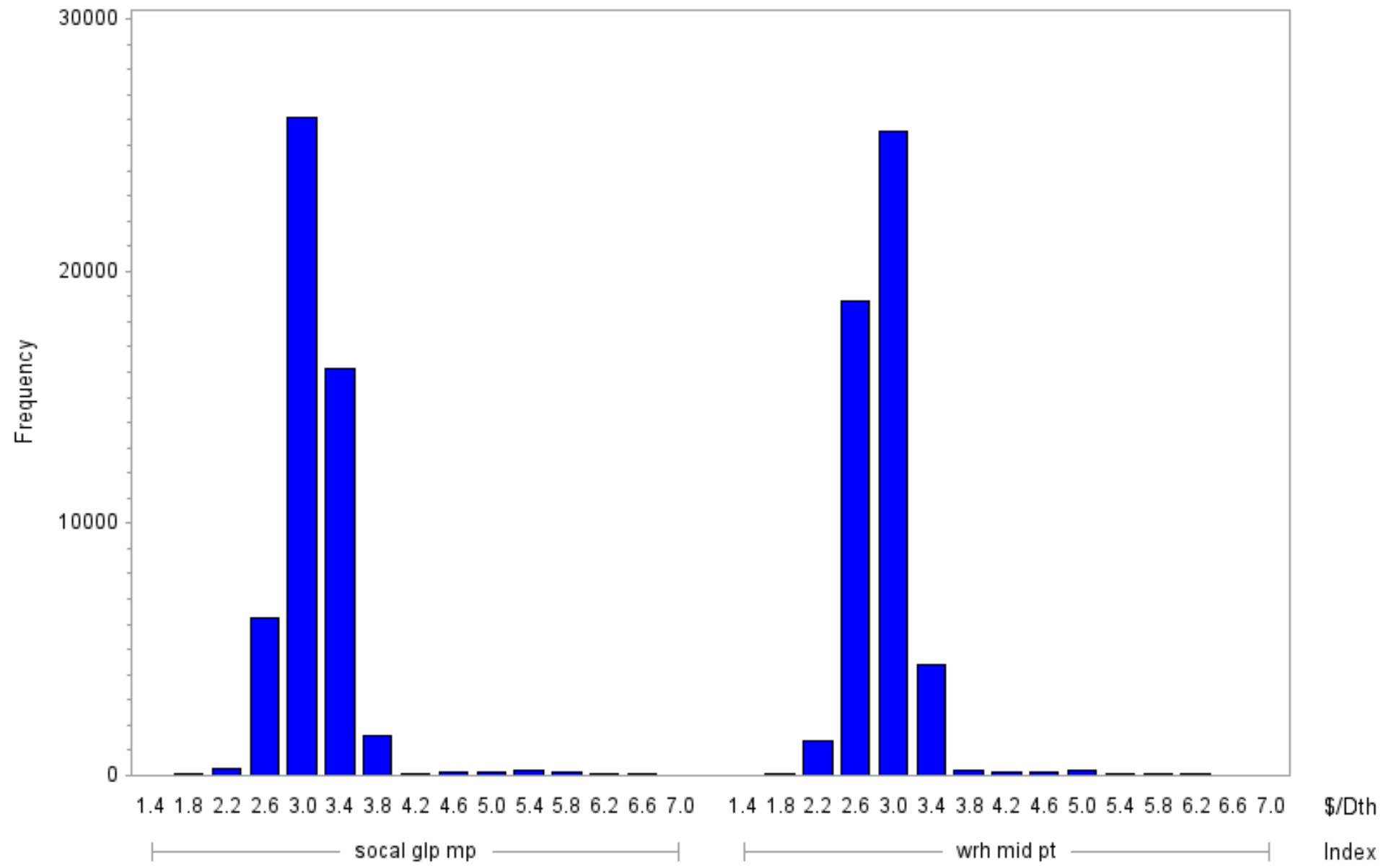
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=1

Exhibit 9.28



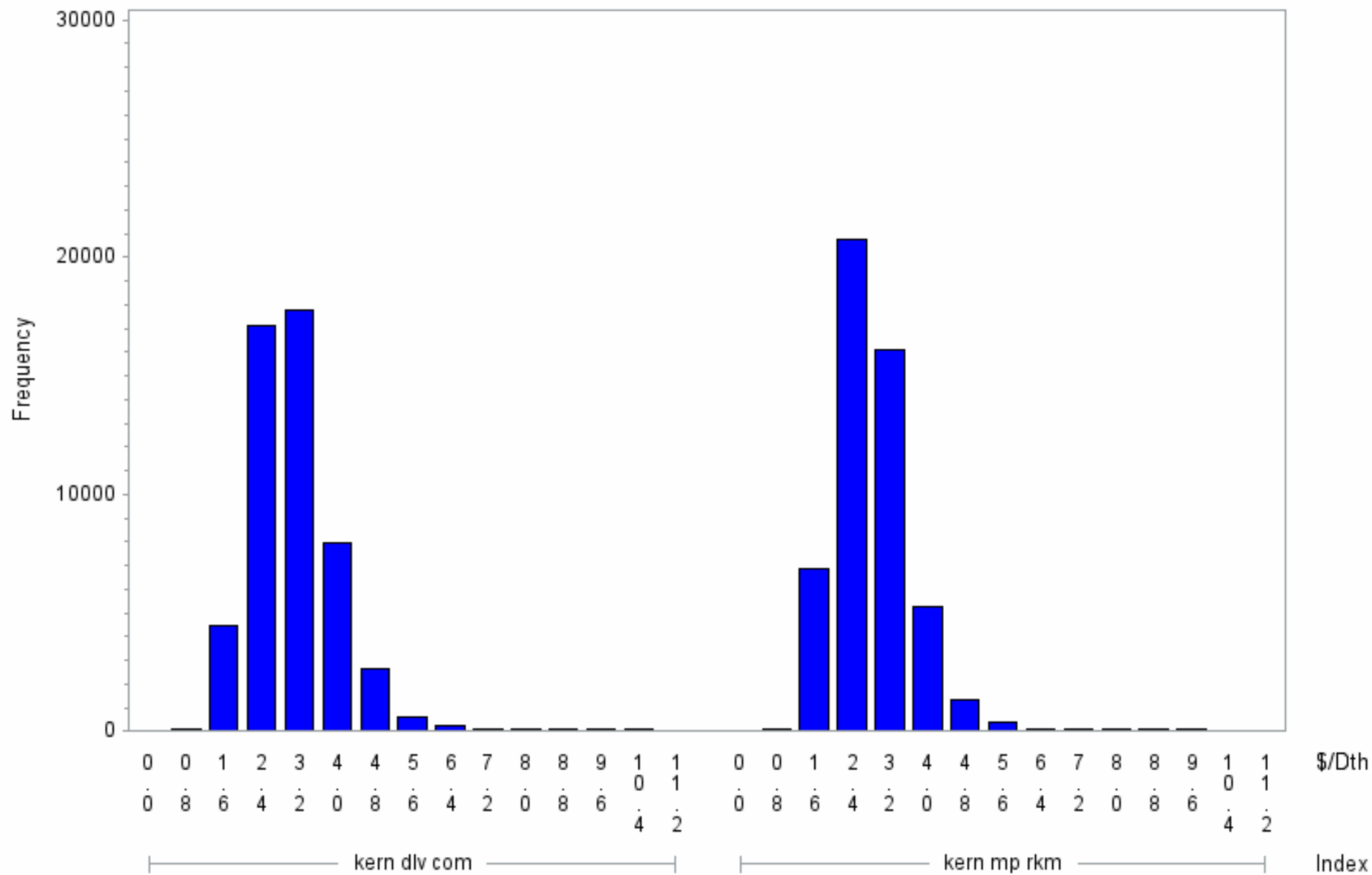
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=2

Exhibit 9.29



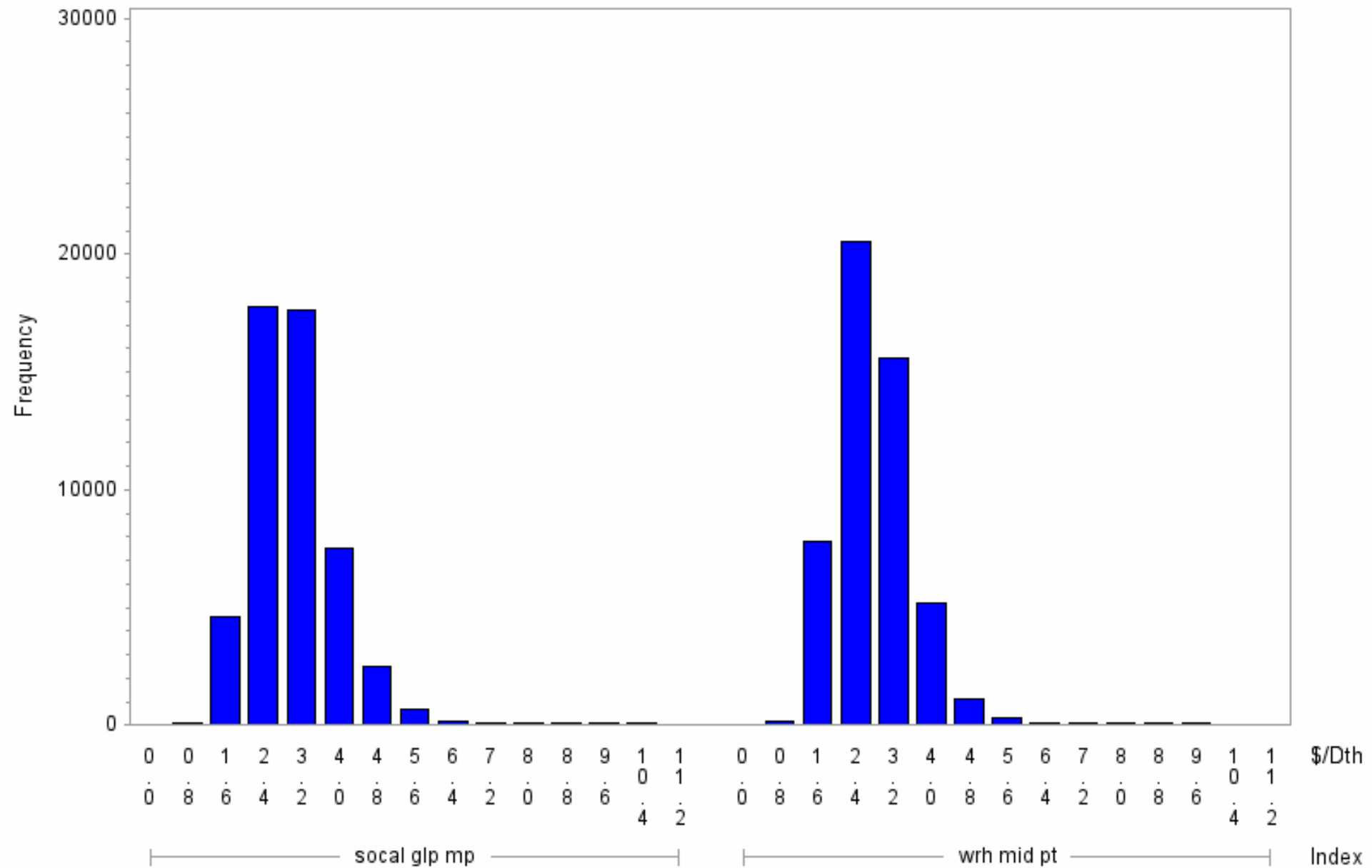
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=2

Exhibit 9.30



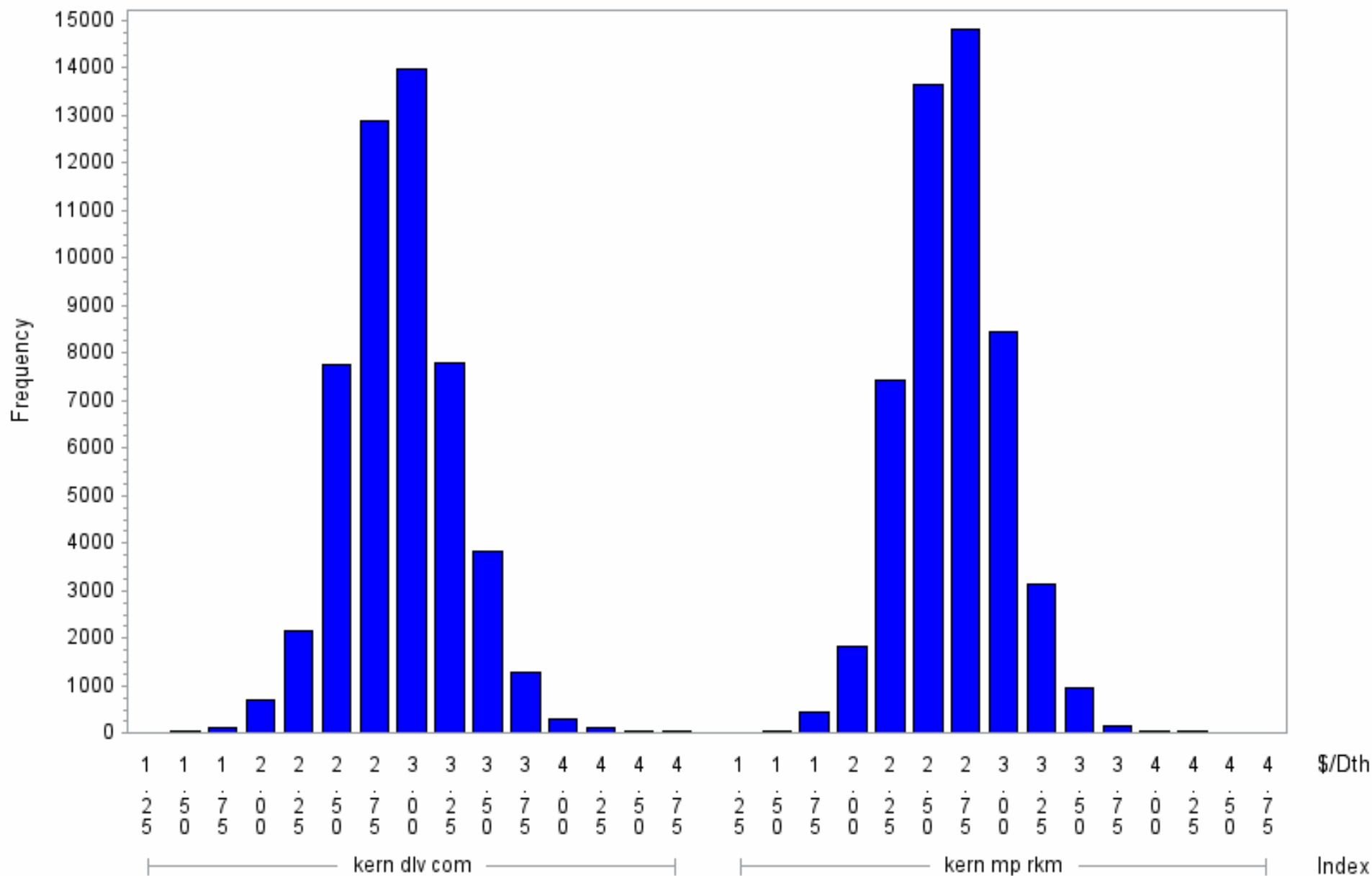
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=3

Exhibit 9.31



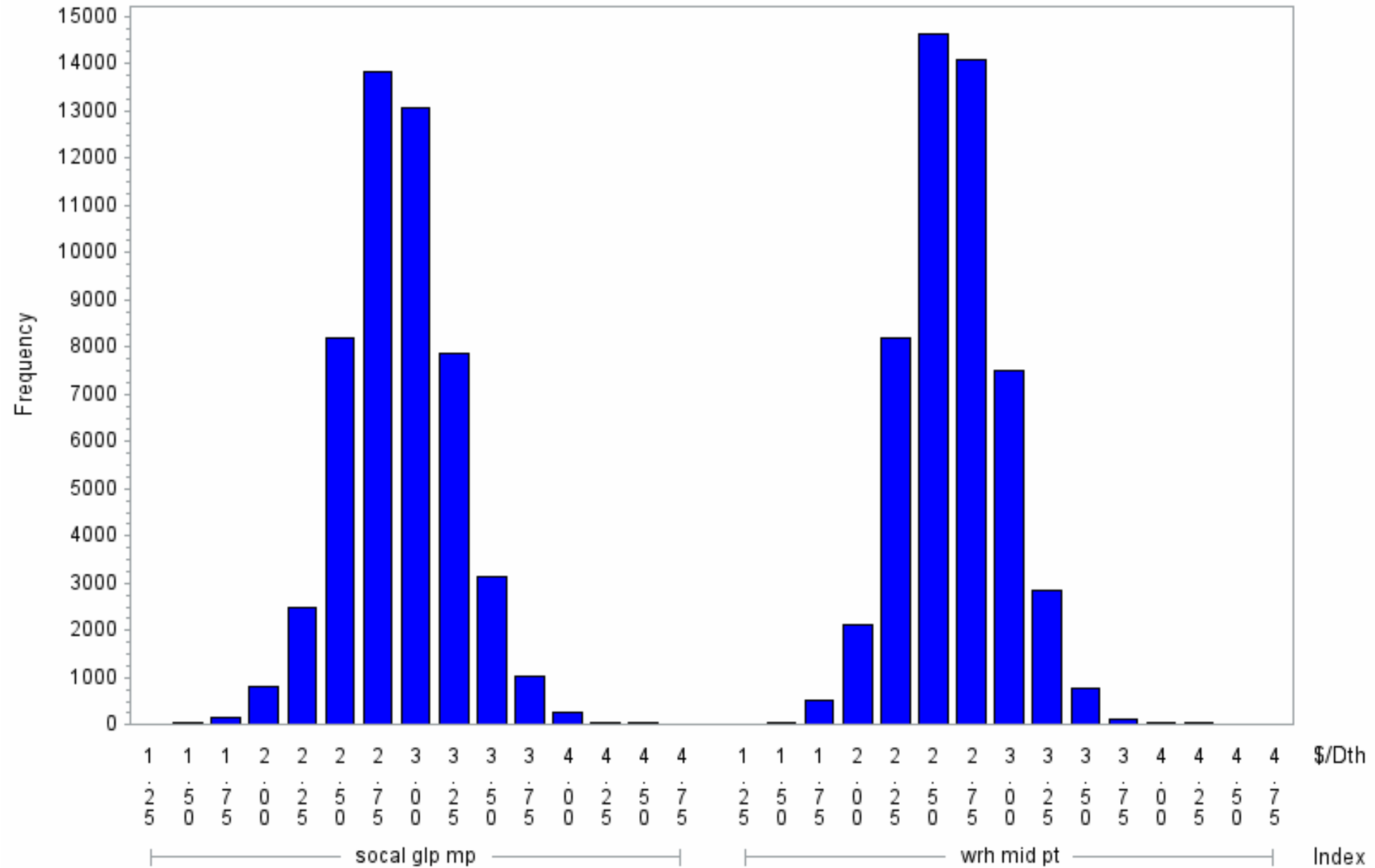
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=3

Exhibit 9.32





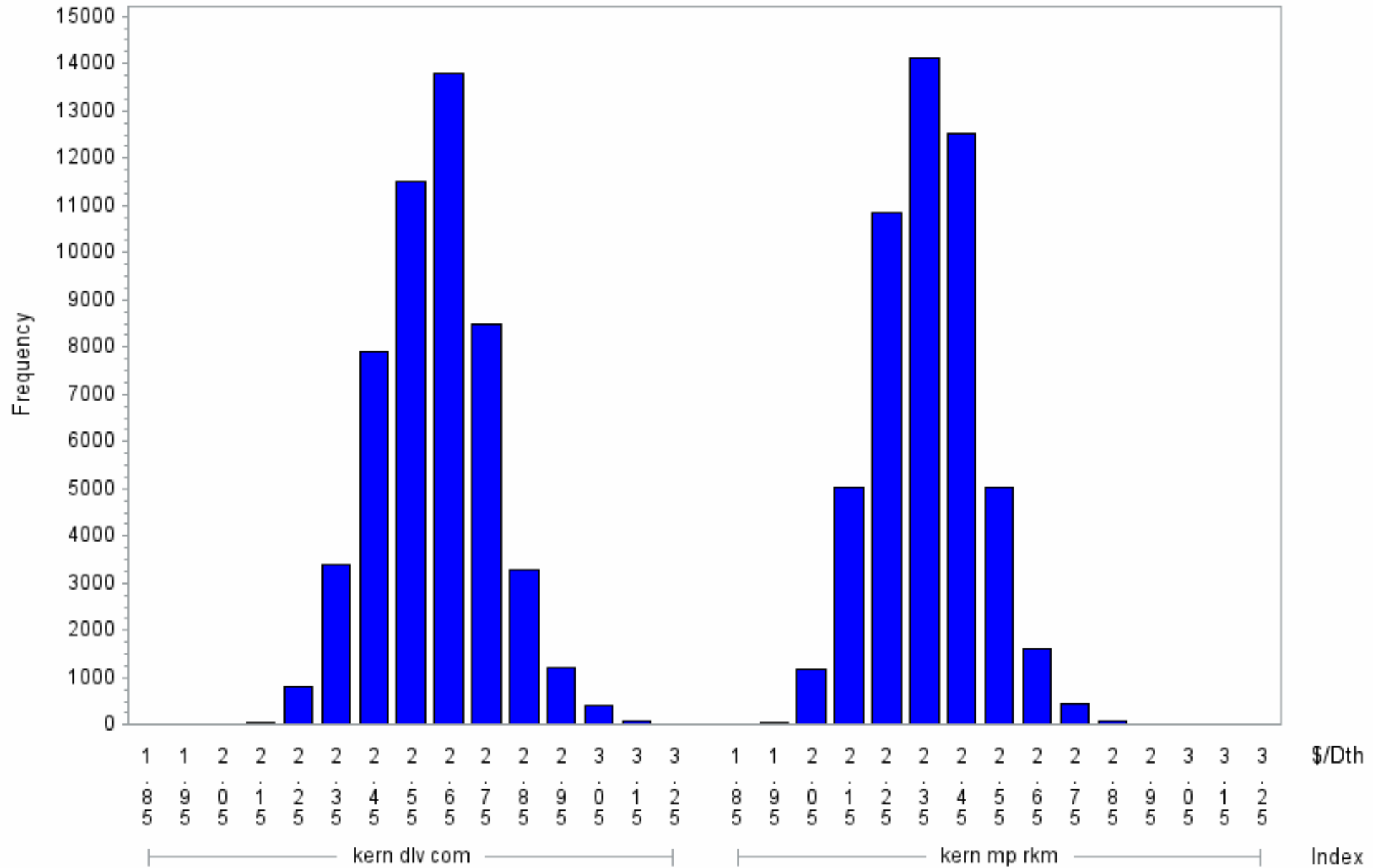
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=4

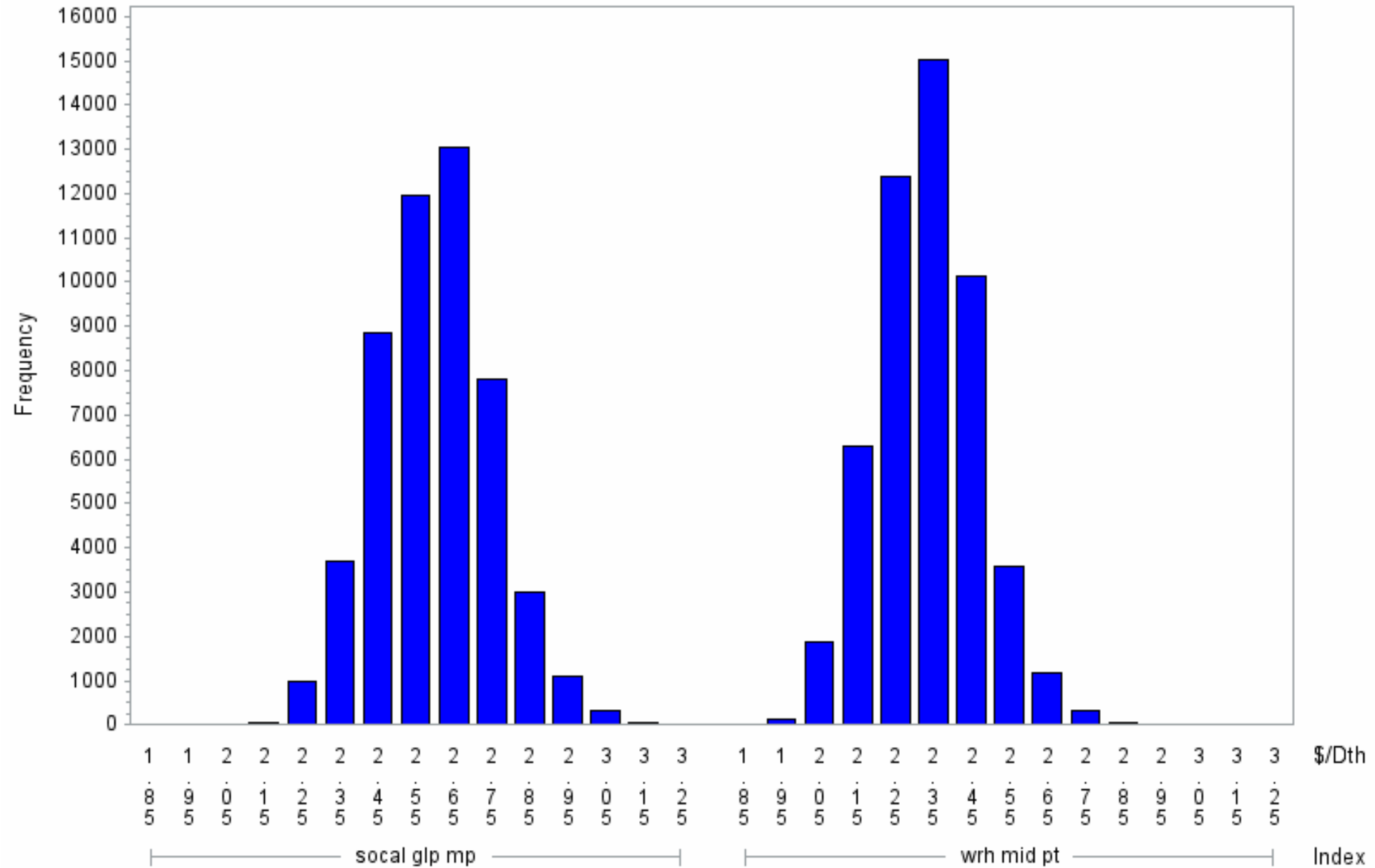
Exhibit 9.33



# Daily Index Price Distribution

2016 Plan Year  
 Scenario 1001 : 1643 Draws  
 year=2017 month=4

Exhibit 9.34



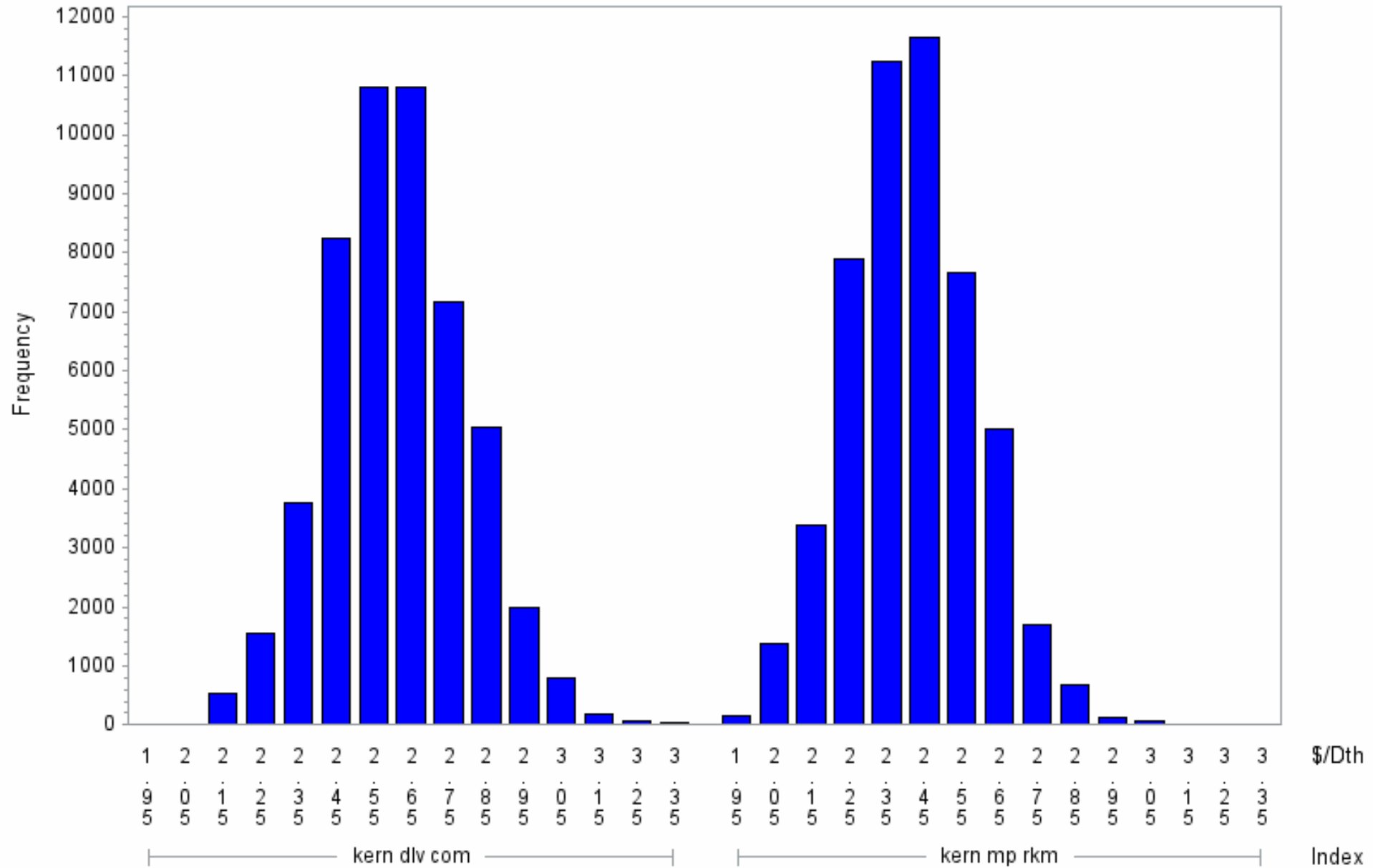
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=5

Exhibit 9.35



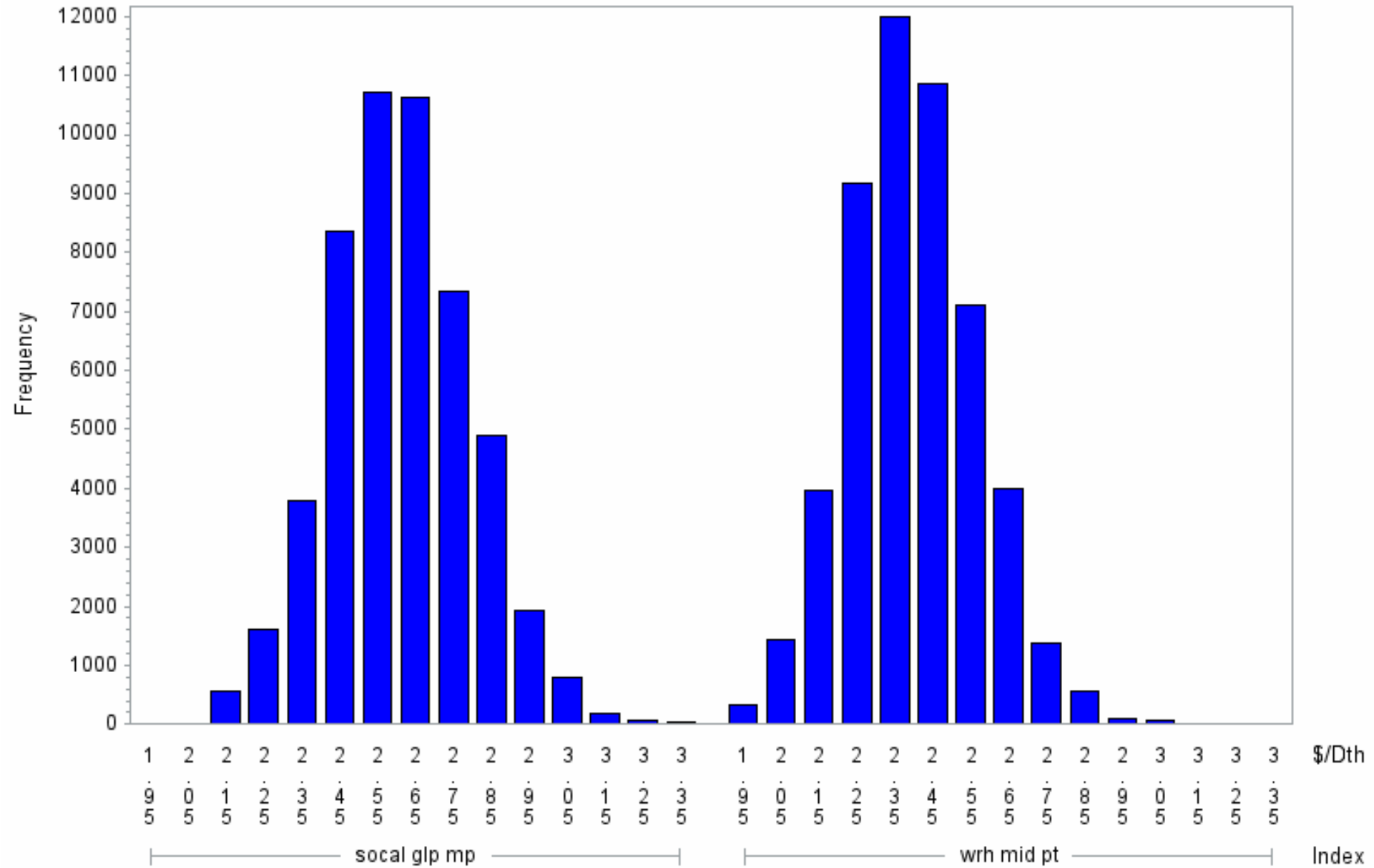
# Daily Index Price Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=5

Exhibit 9.36

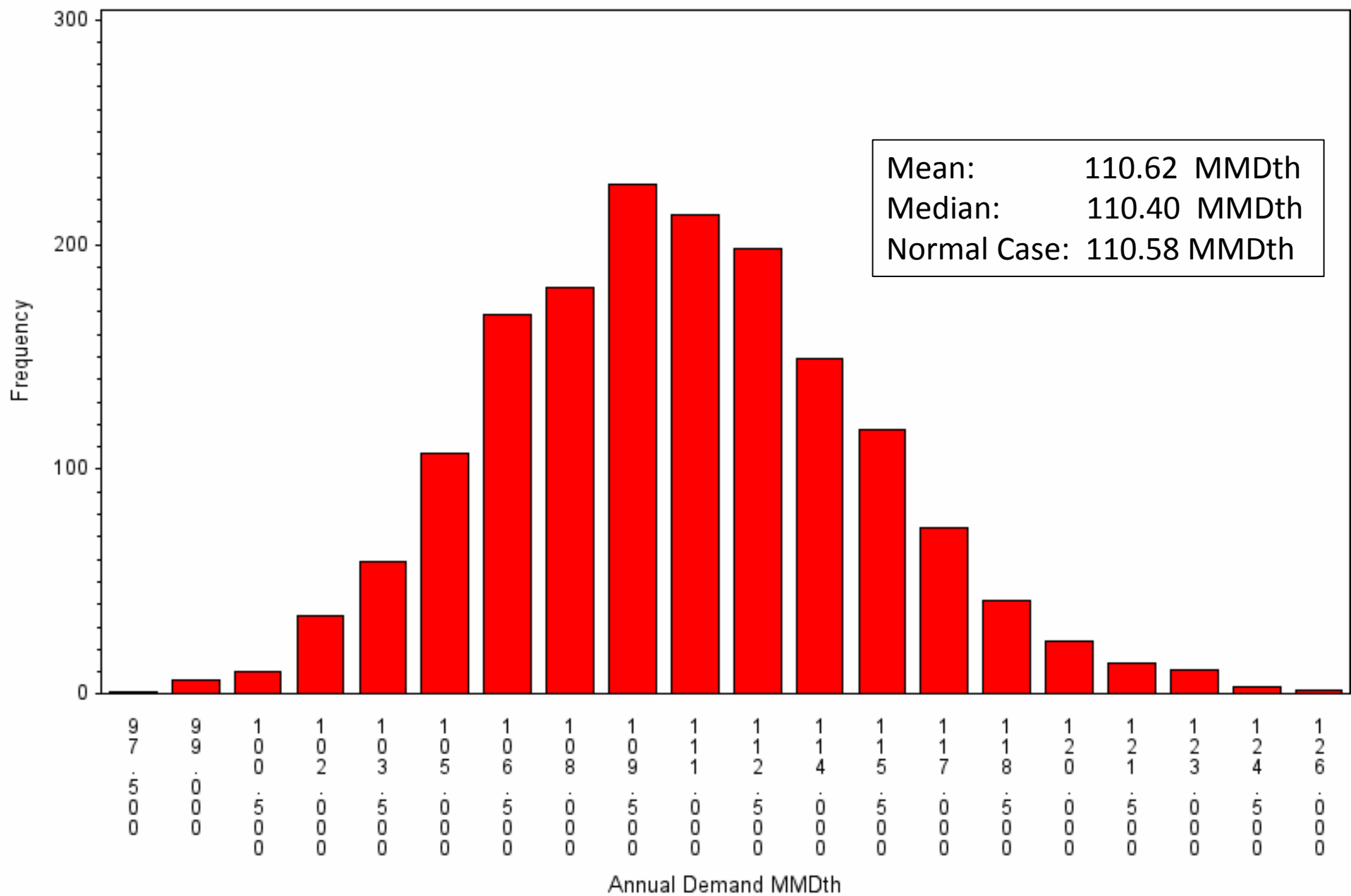


# Annual Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

Exhibit 9.37



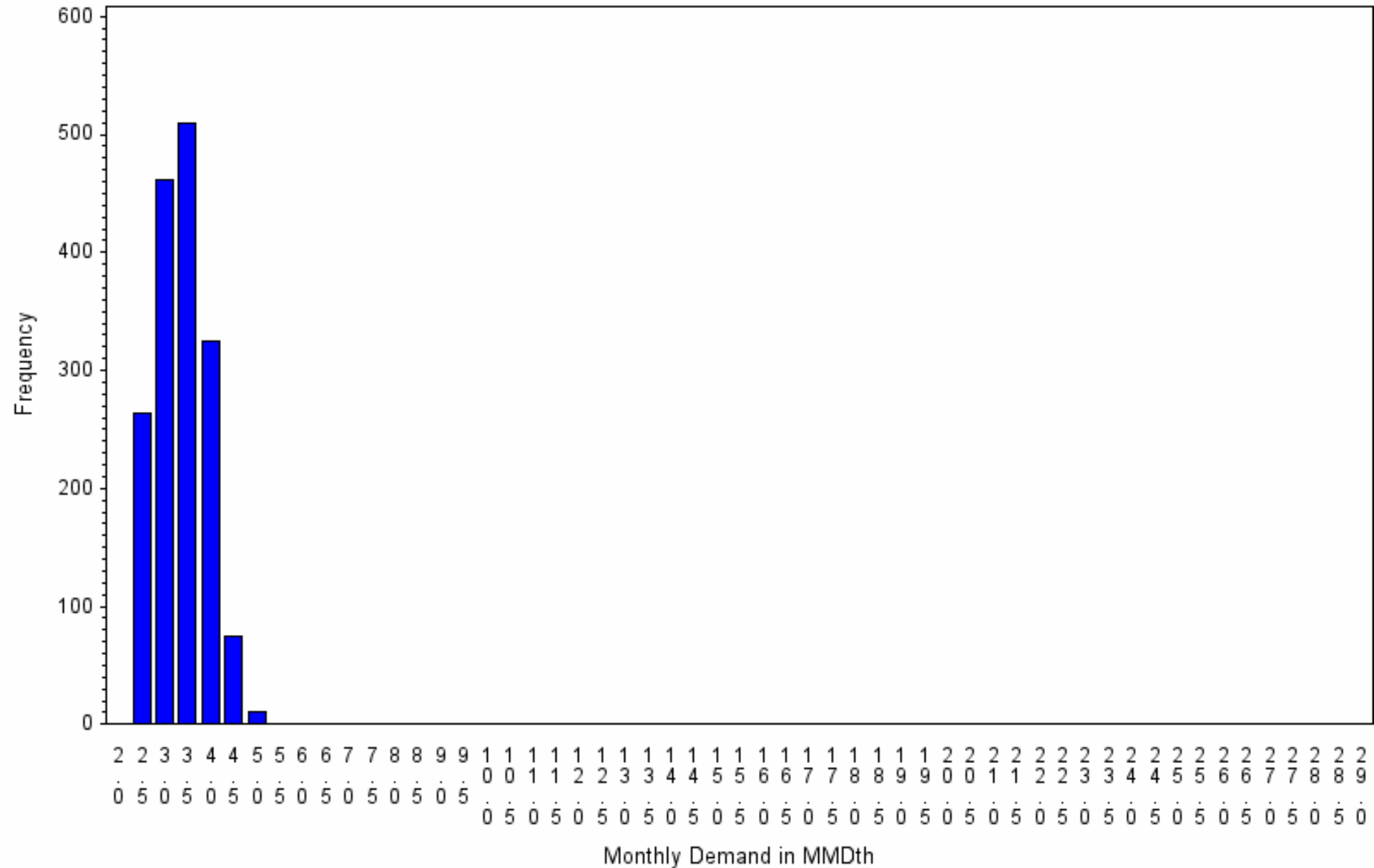
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=6

Exhibit 9.38



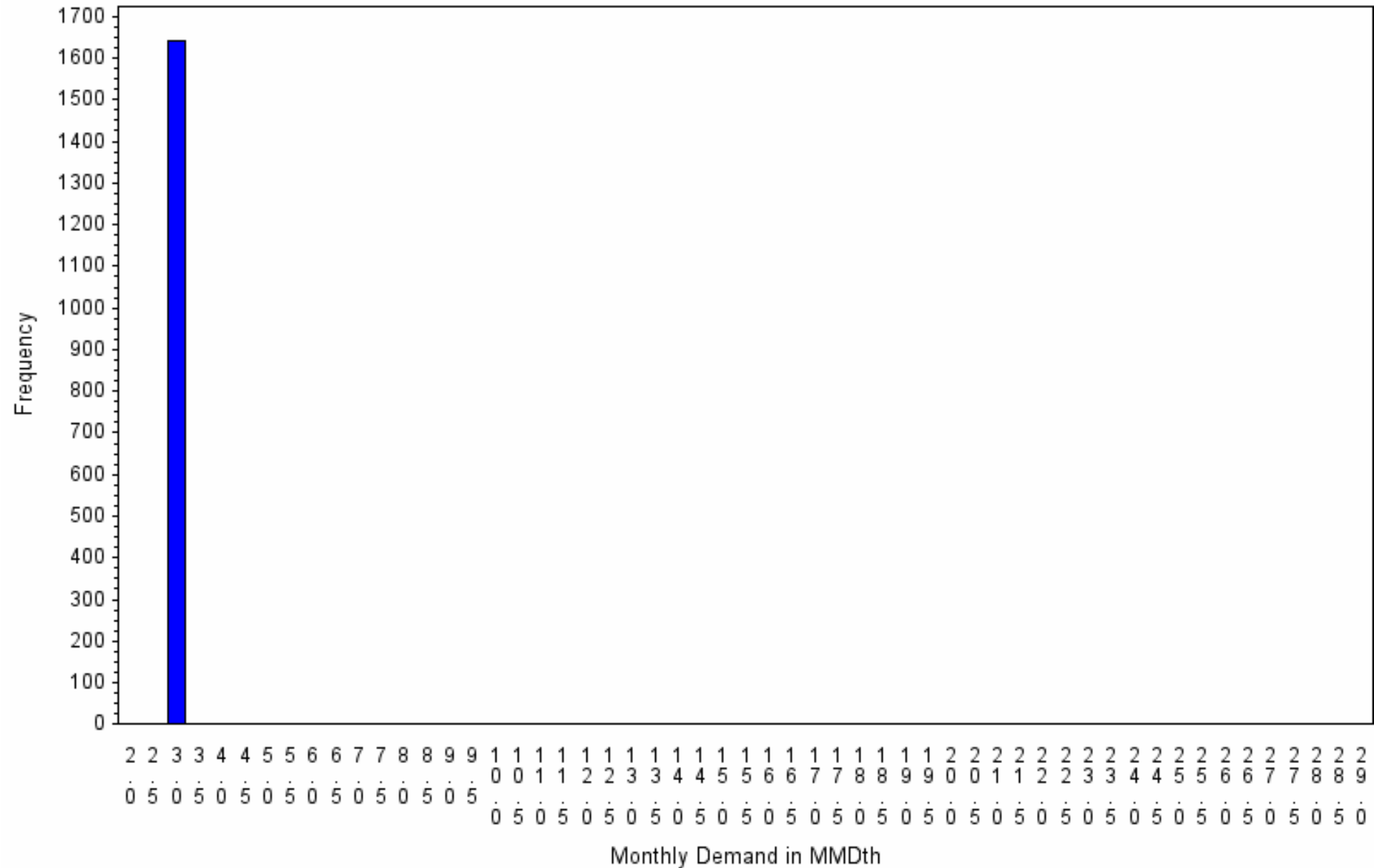
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=7

Exhibit 9.39



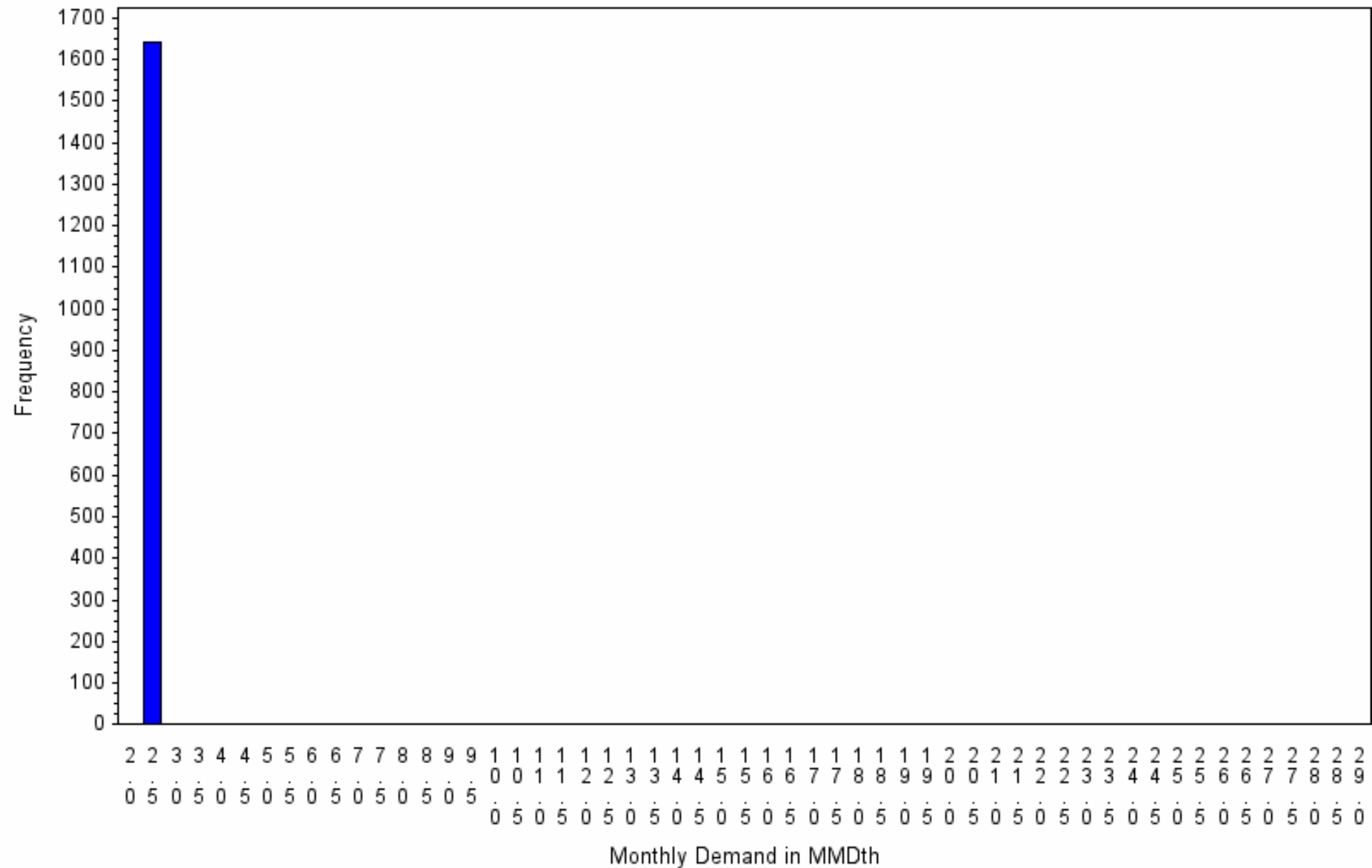
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=8

Exhibit 9.40





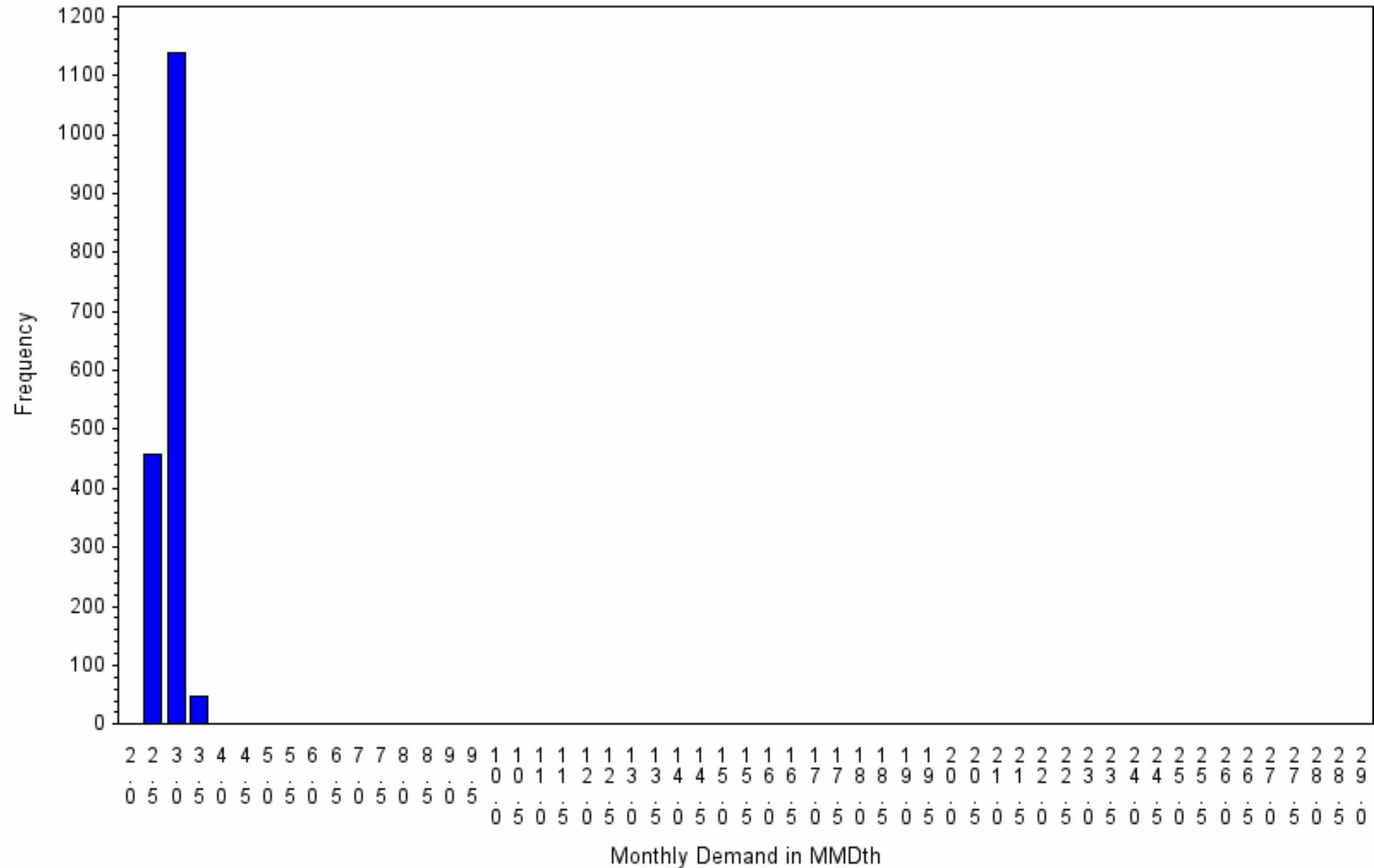
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=9

Exhibit 9.41



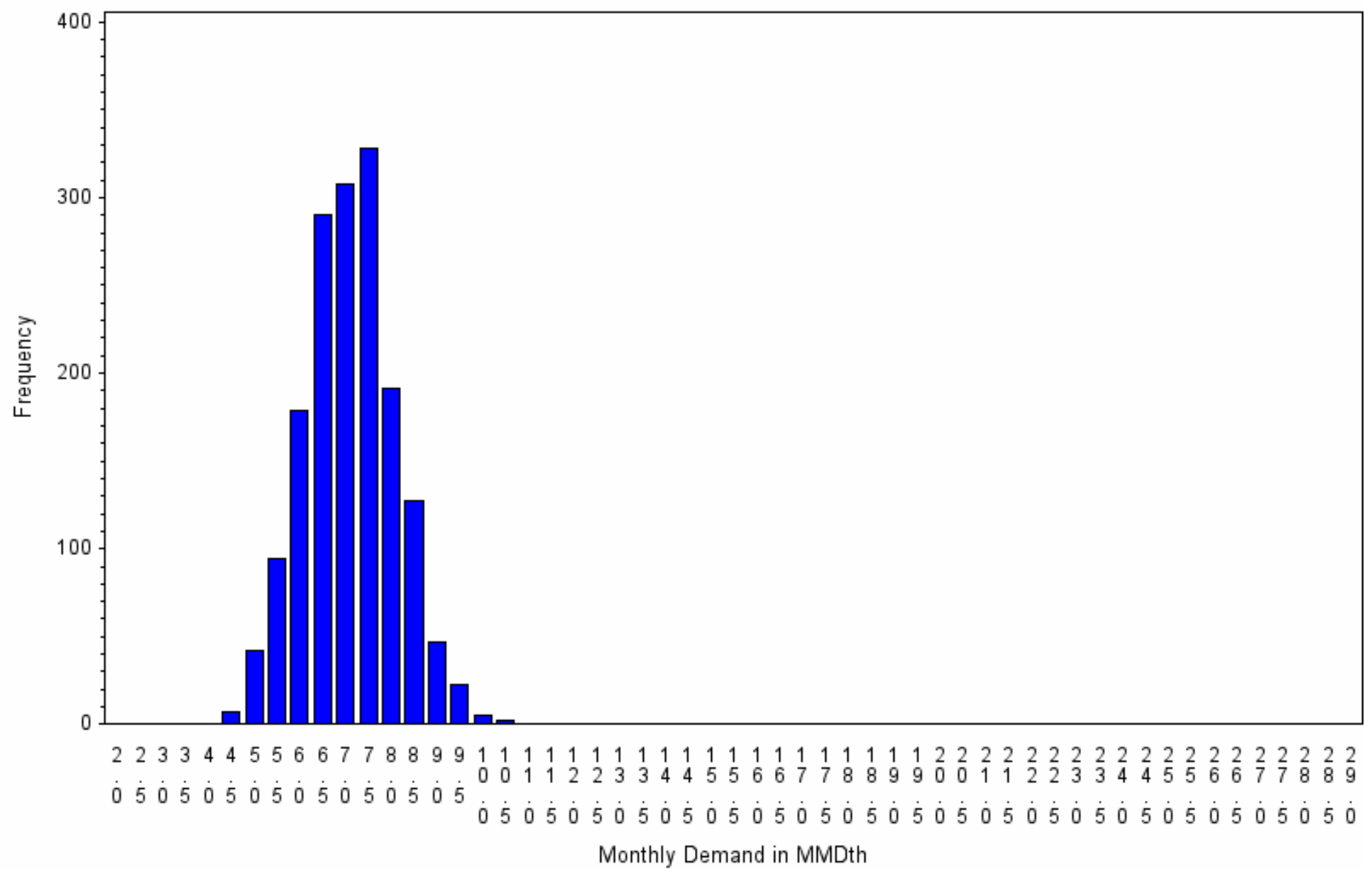
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=10

Exhibit 9.42



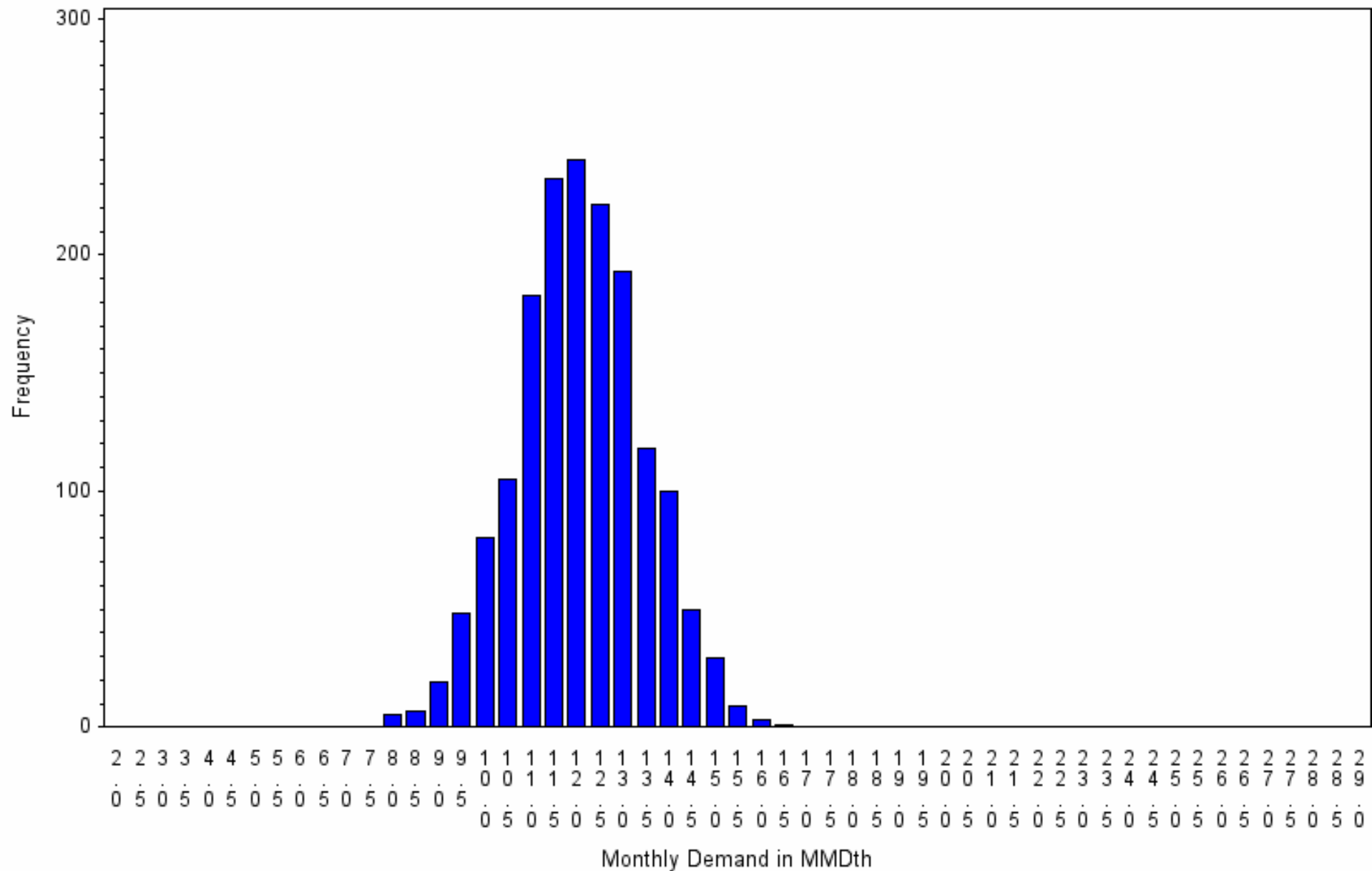
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=11

Exhibit 9.43



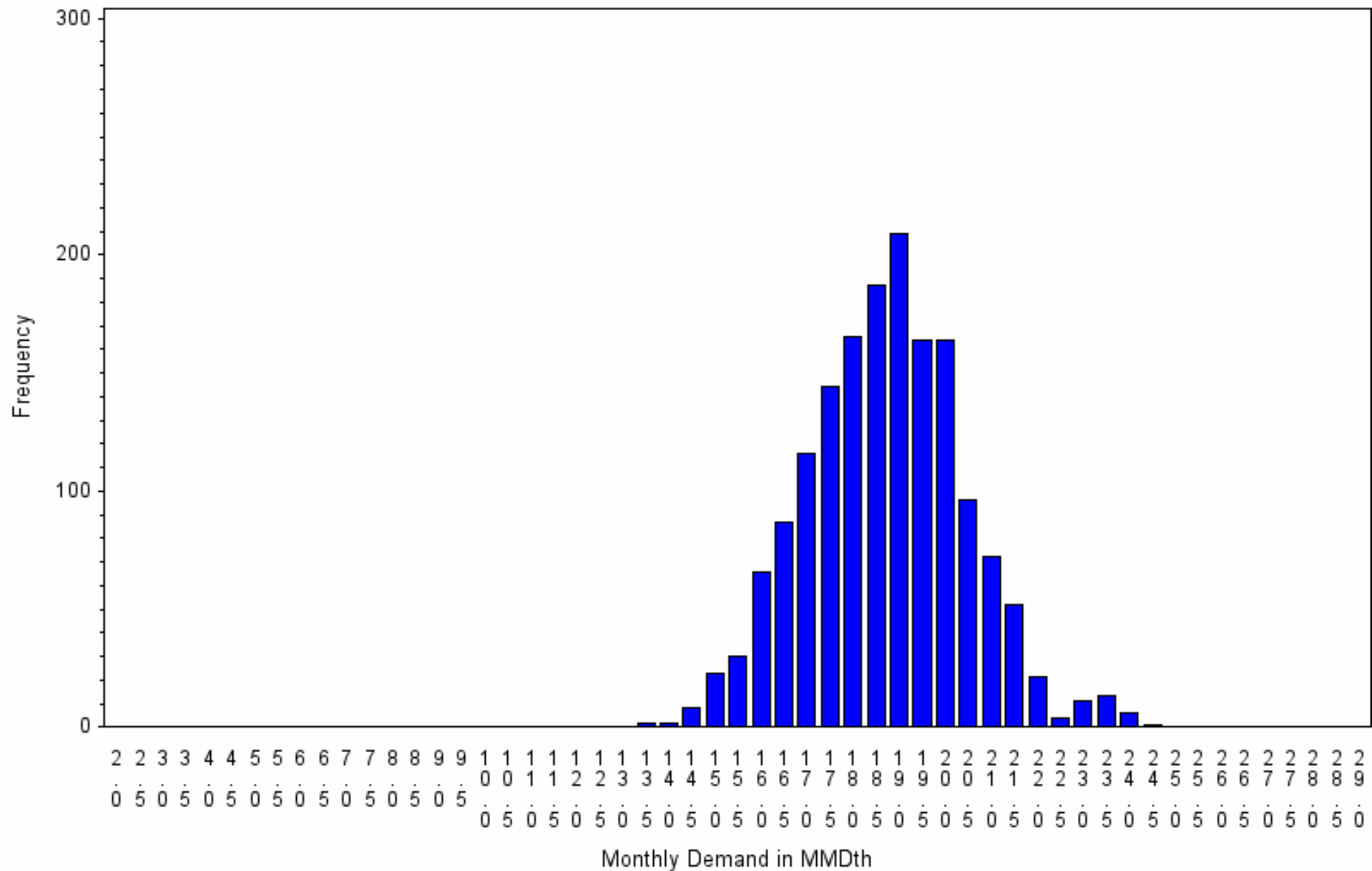
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=12

Exhibit 9.44



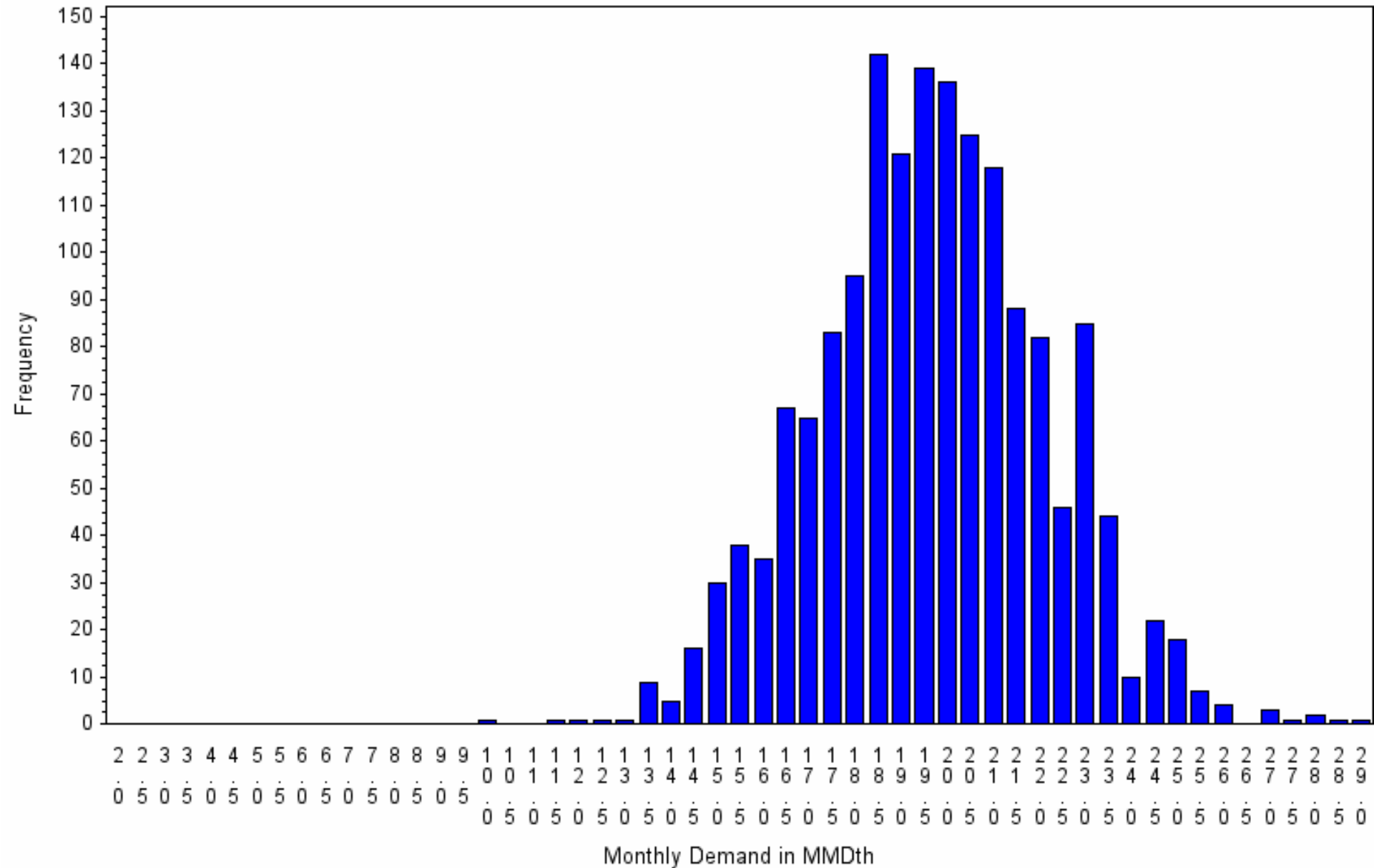
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=1

Exhibit 9.45



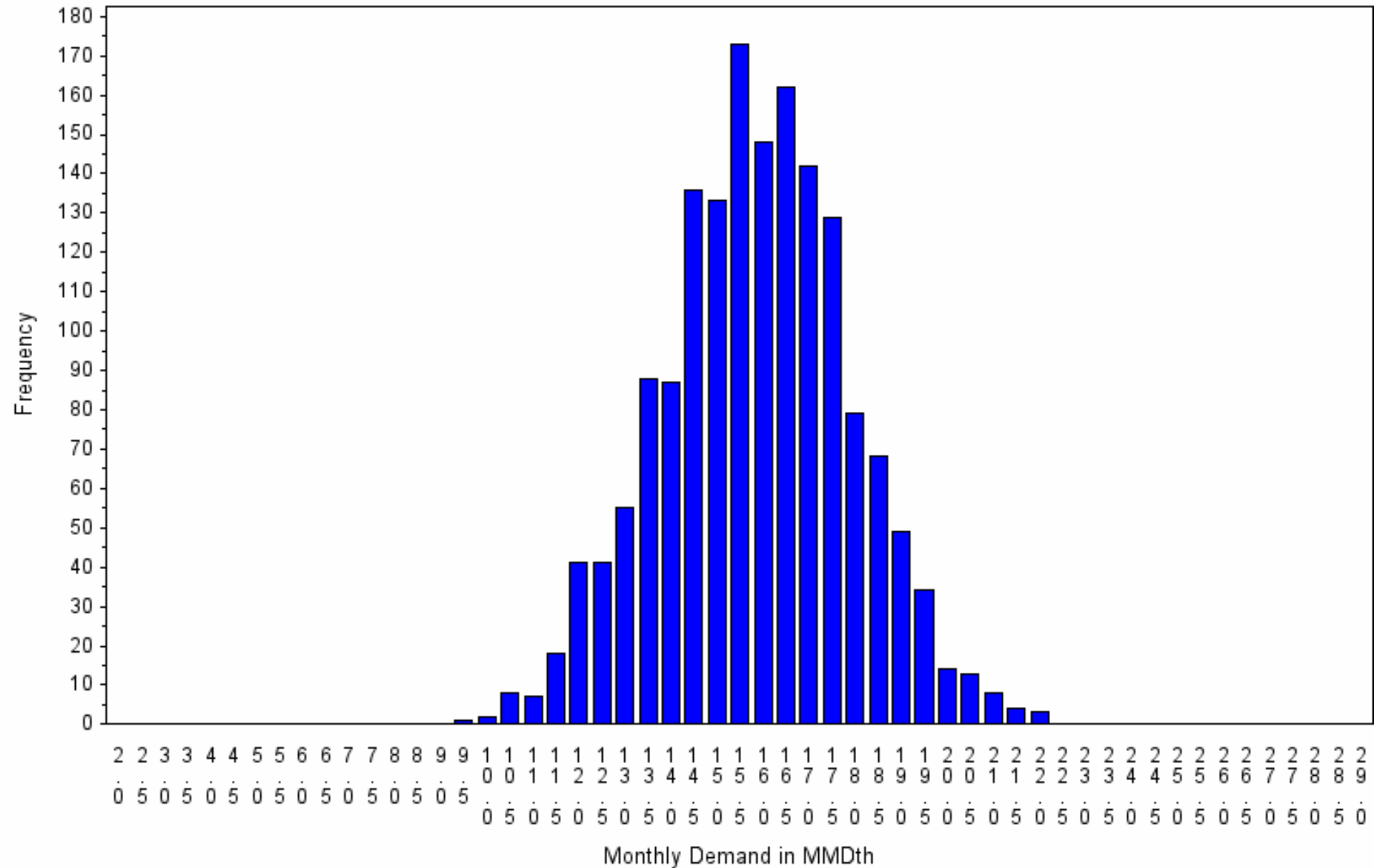
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=2

Exhibit 9.46



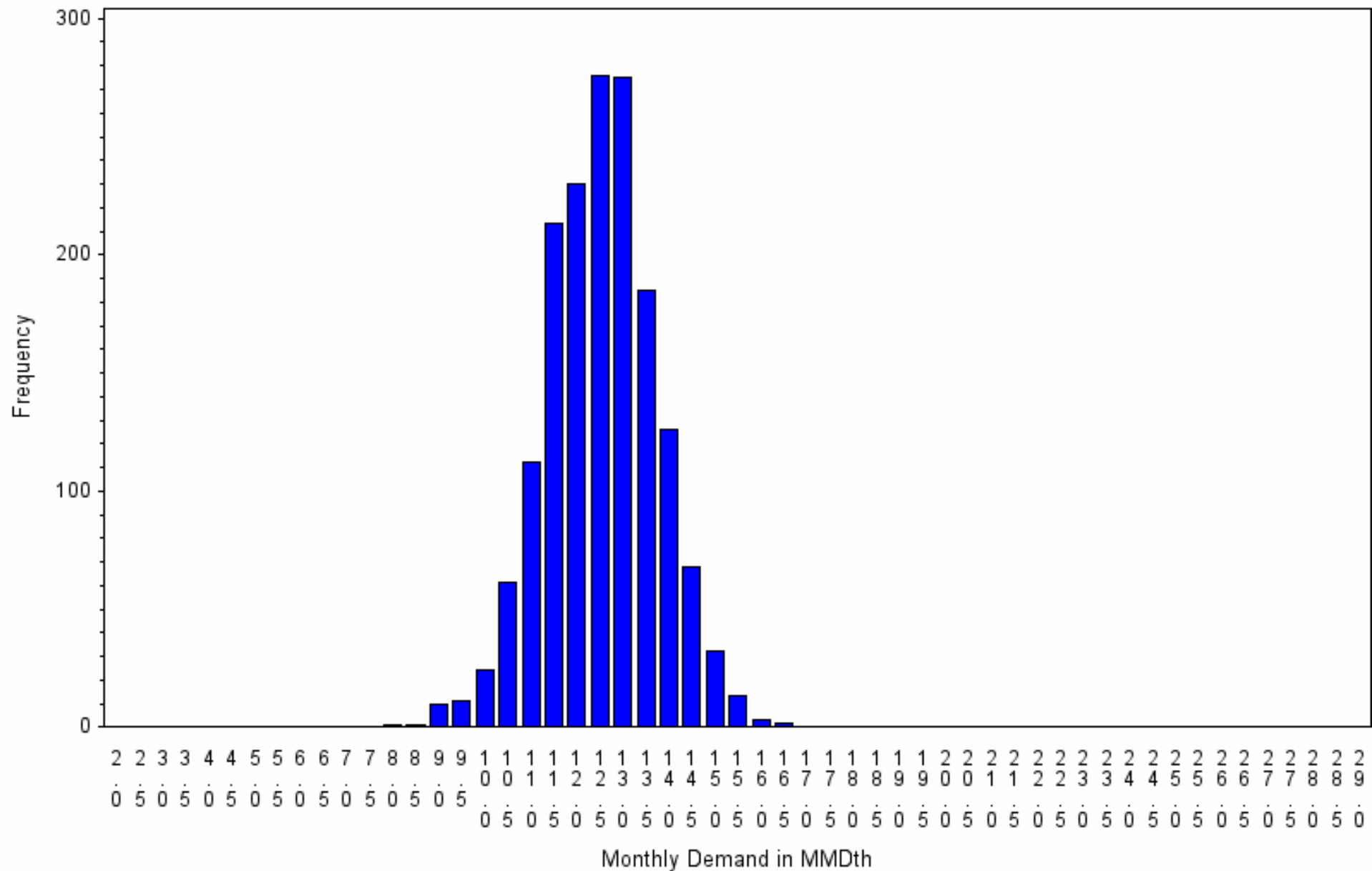
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=3

Exhibit 9.47



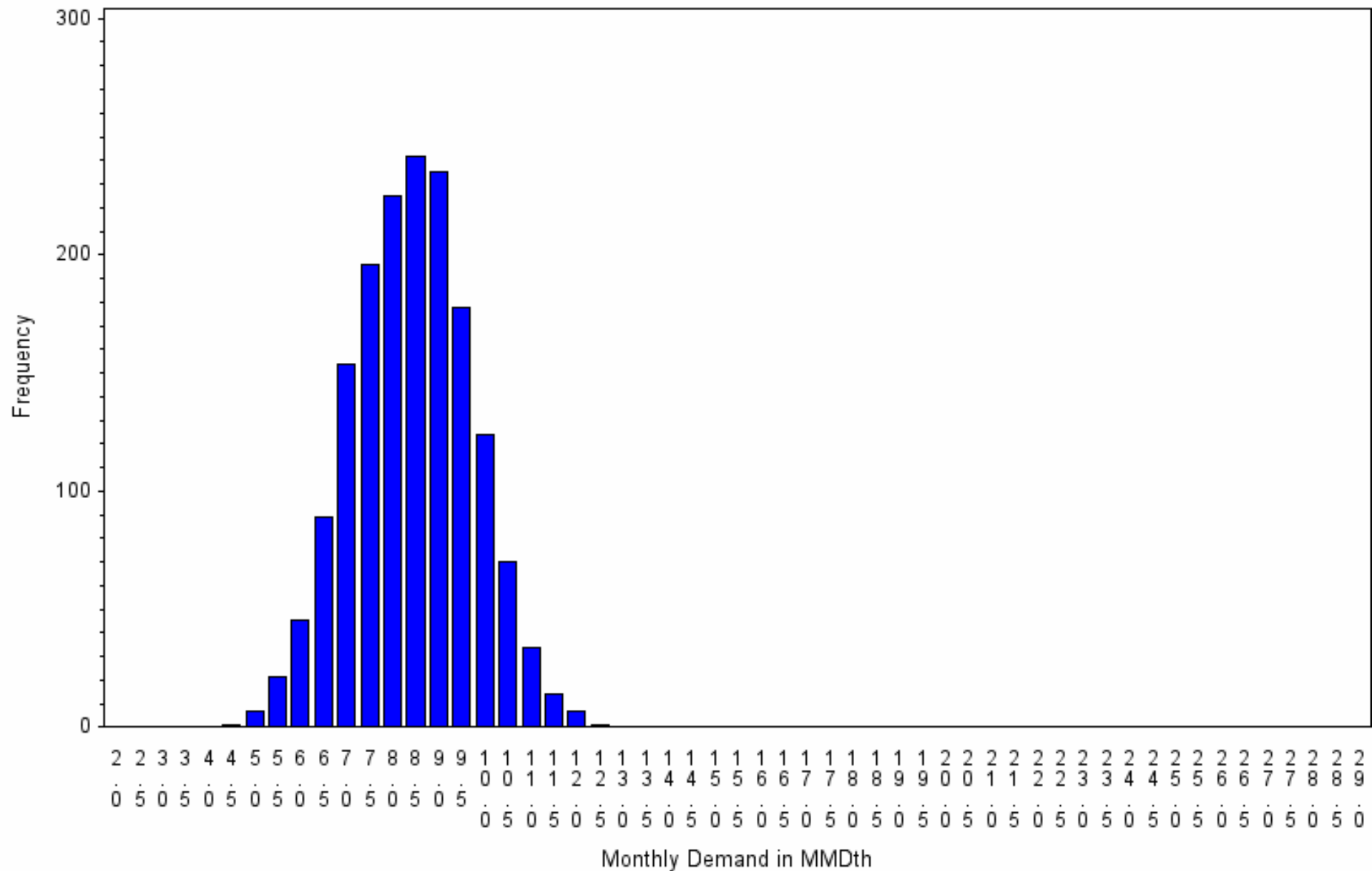
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=4

Exhibit 9.48





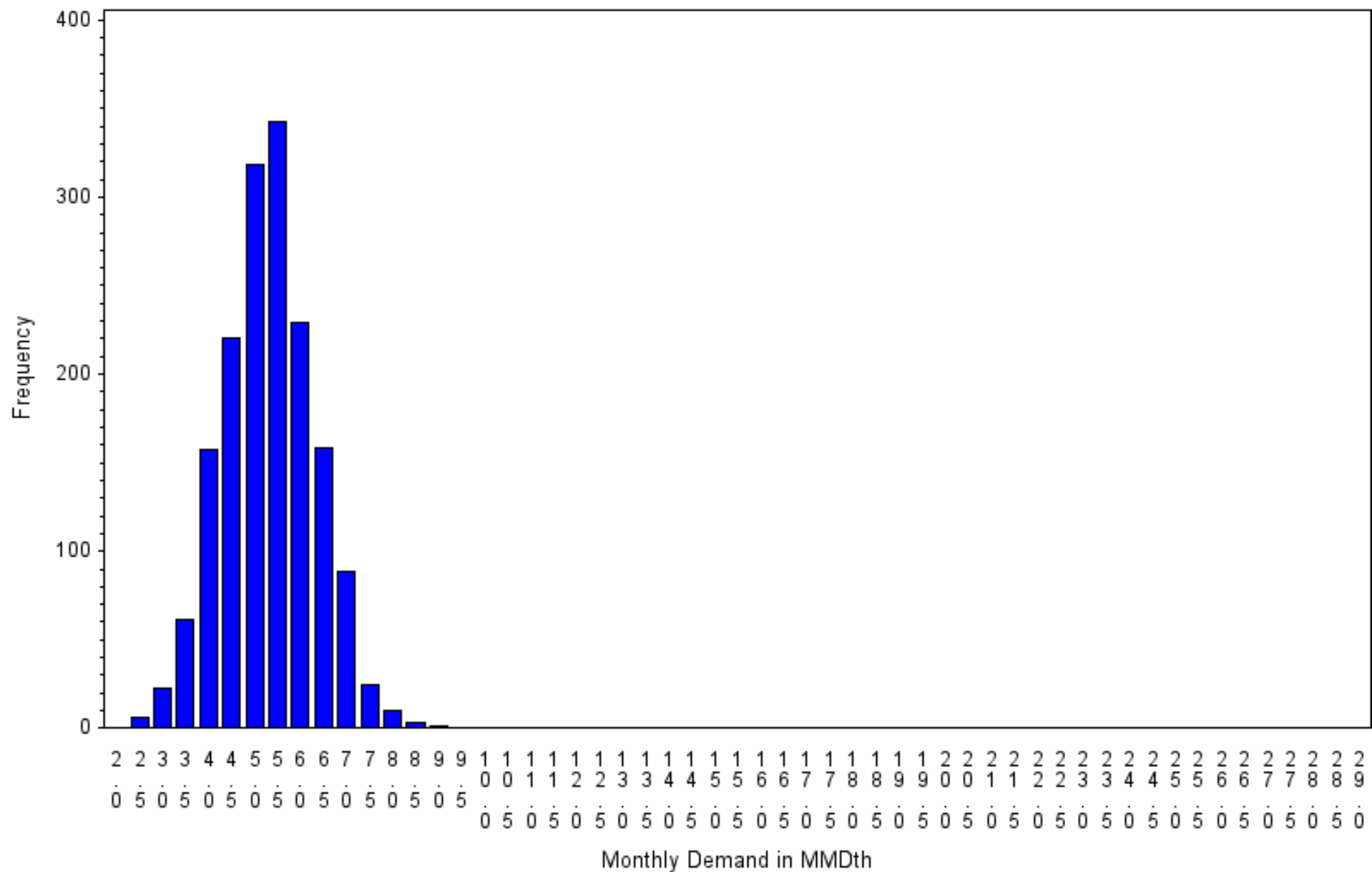
# Monthly Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=5

Exhibit 9.49

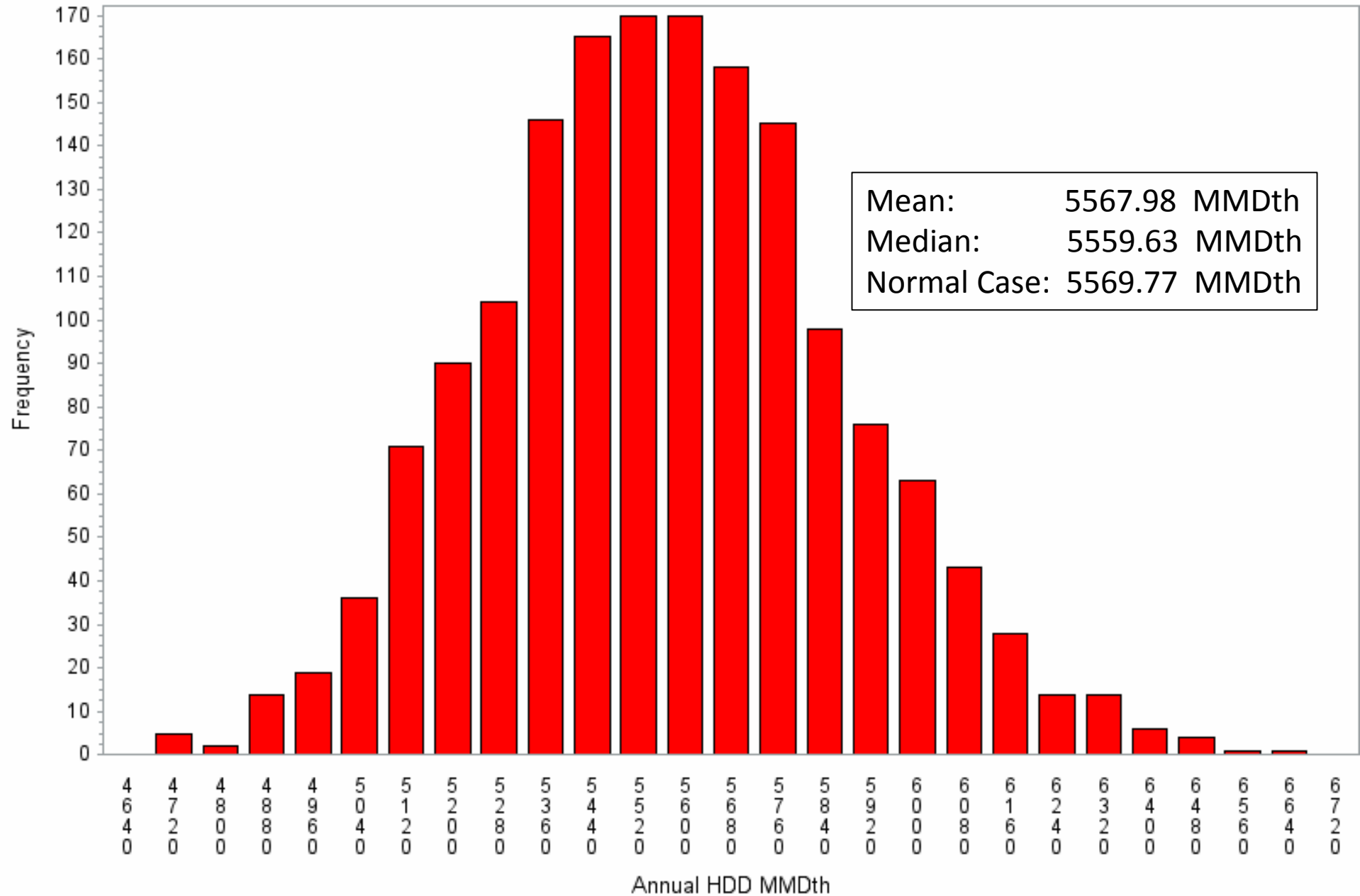


# Annual Heating Degree Day Distribution

2016 Plan Year

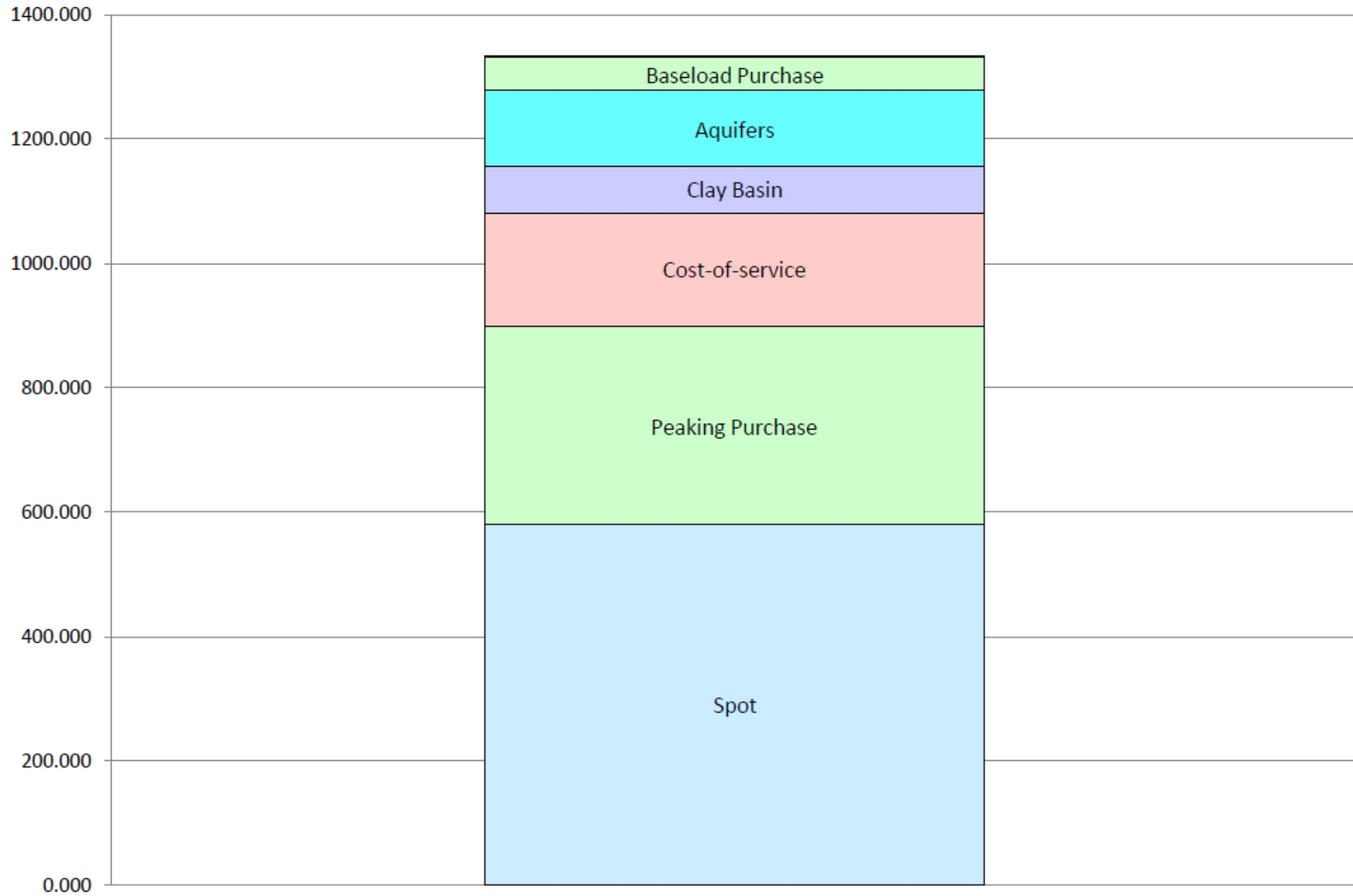
Scenario 1001 : 1643 Draws

Exhibit 9.50



**2016 - 2017 Sources for Peak Day**  
**1.317 MMDth**

Exhibit 9.51

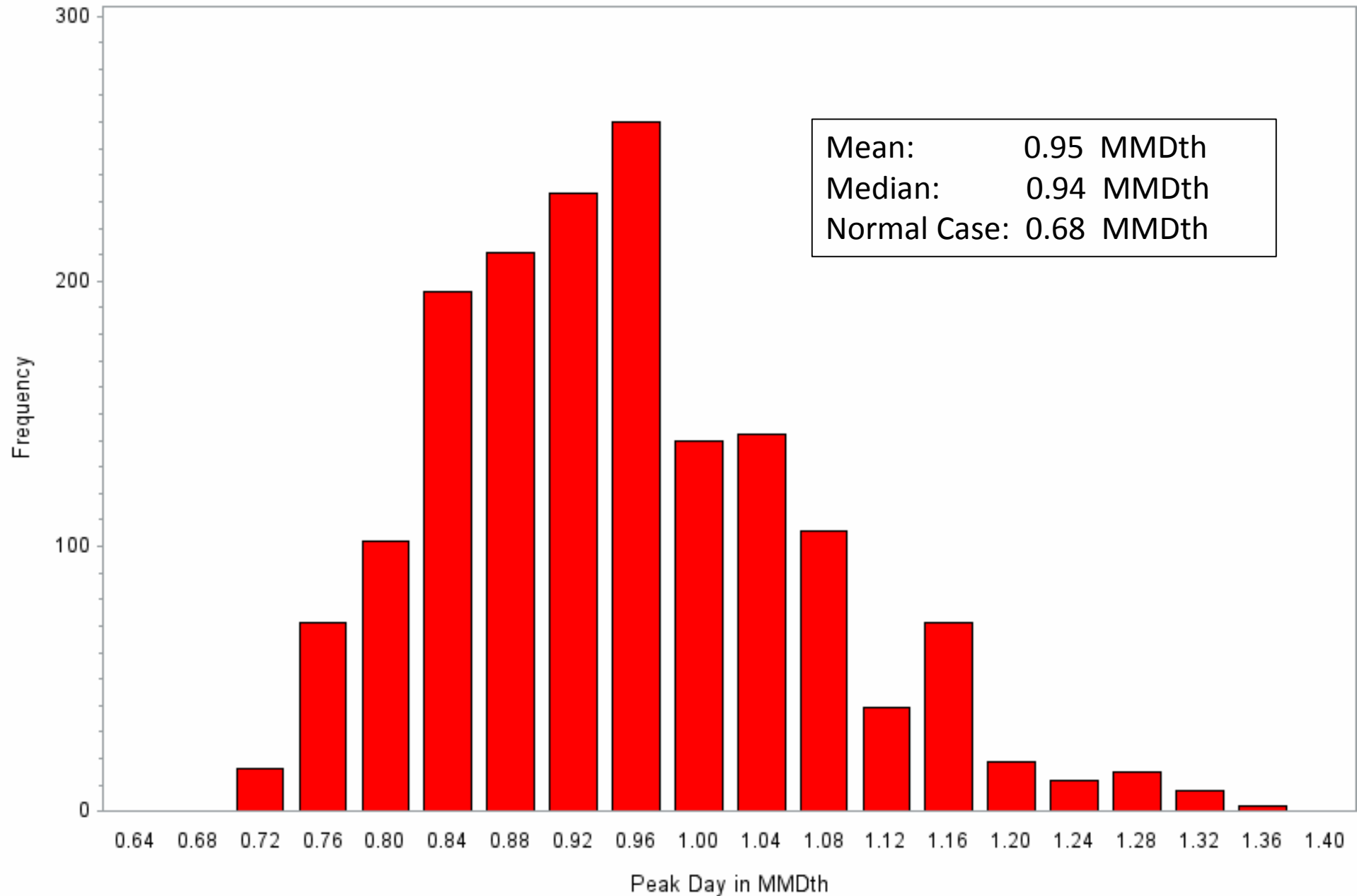


# Firm Peak Day Demand Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

Exhibit 9.52



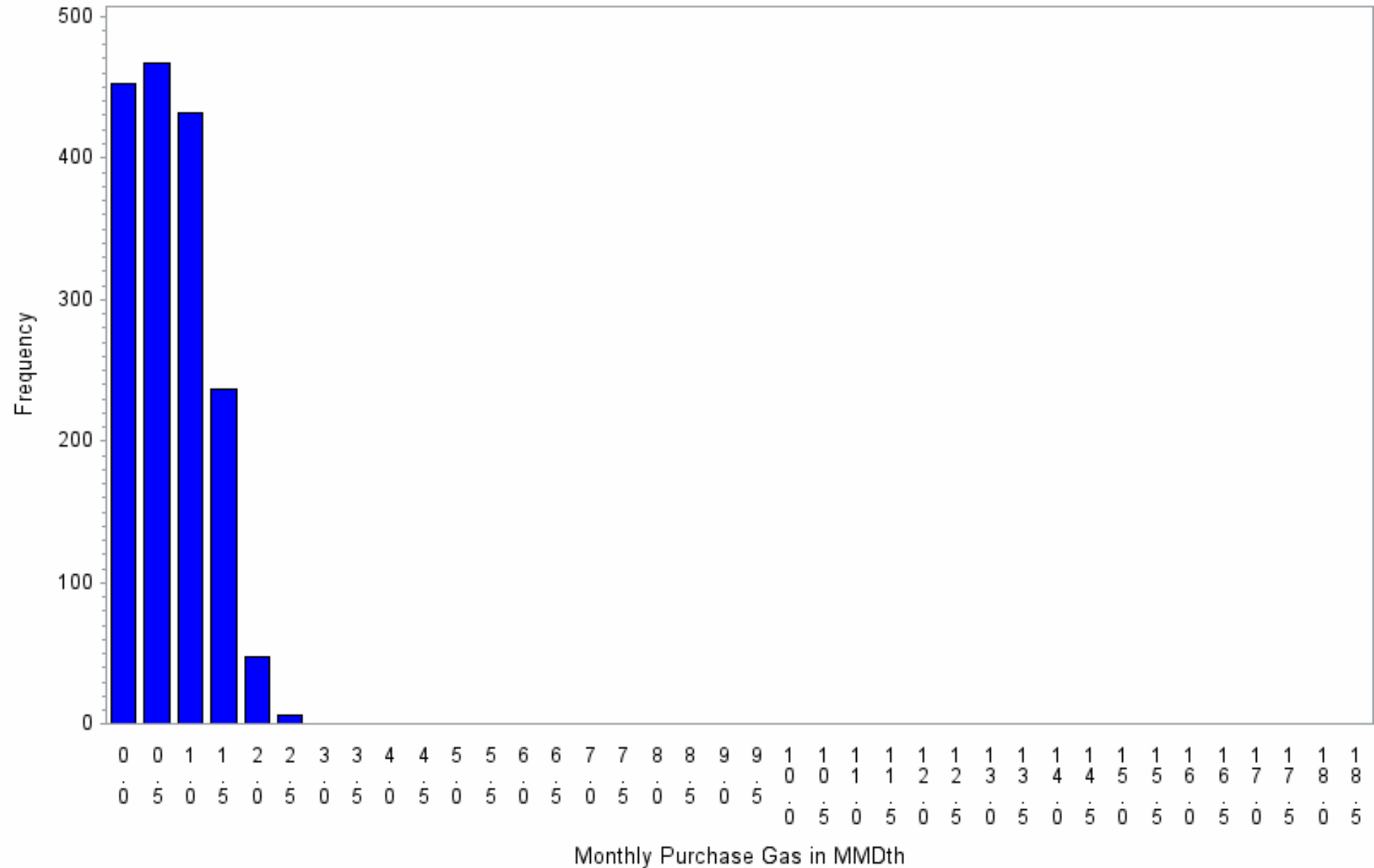
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=6

Exhibit 9.53



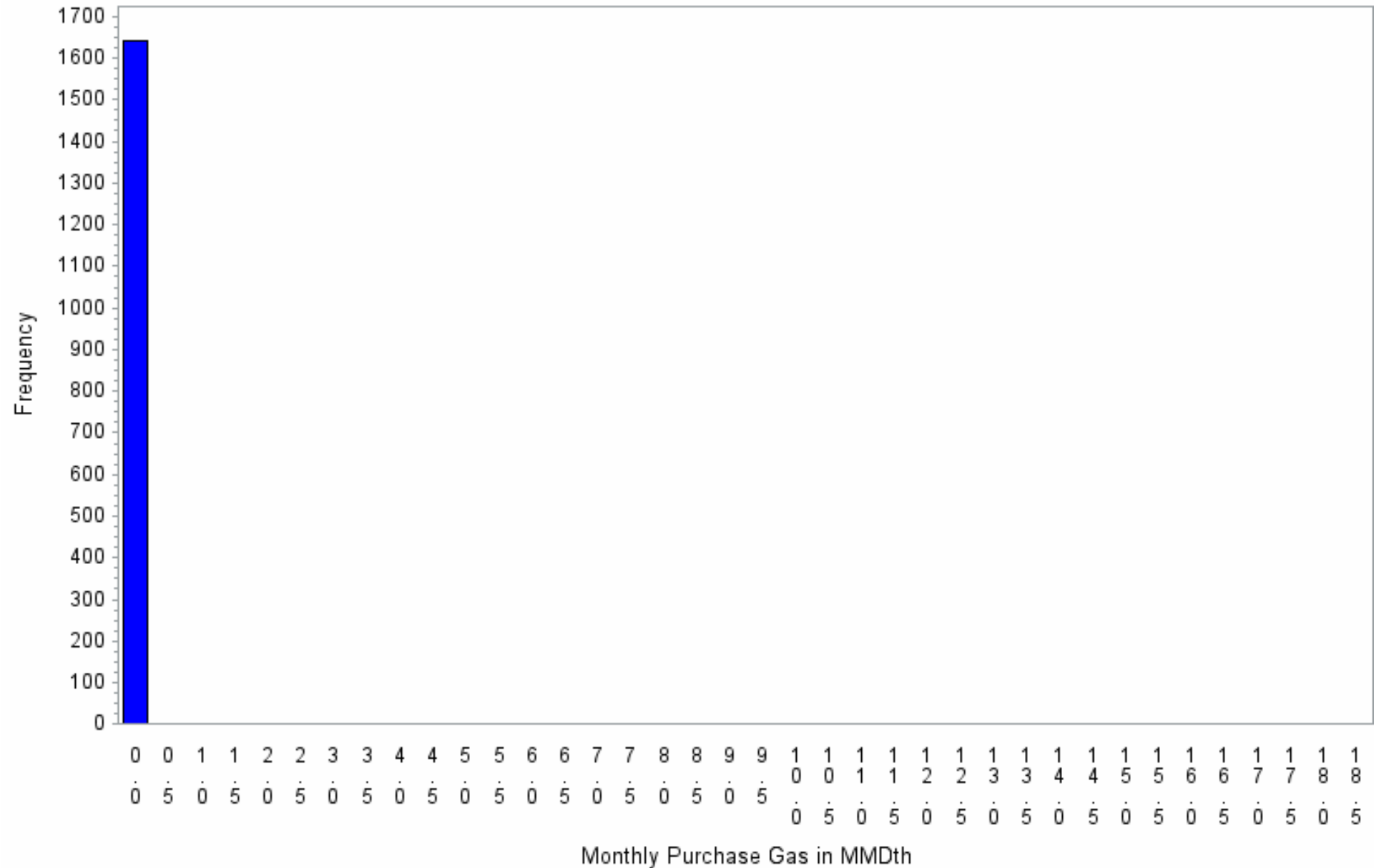
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=7

Exhibit 9.54



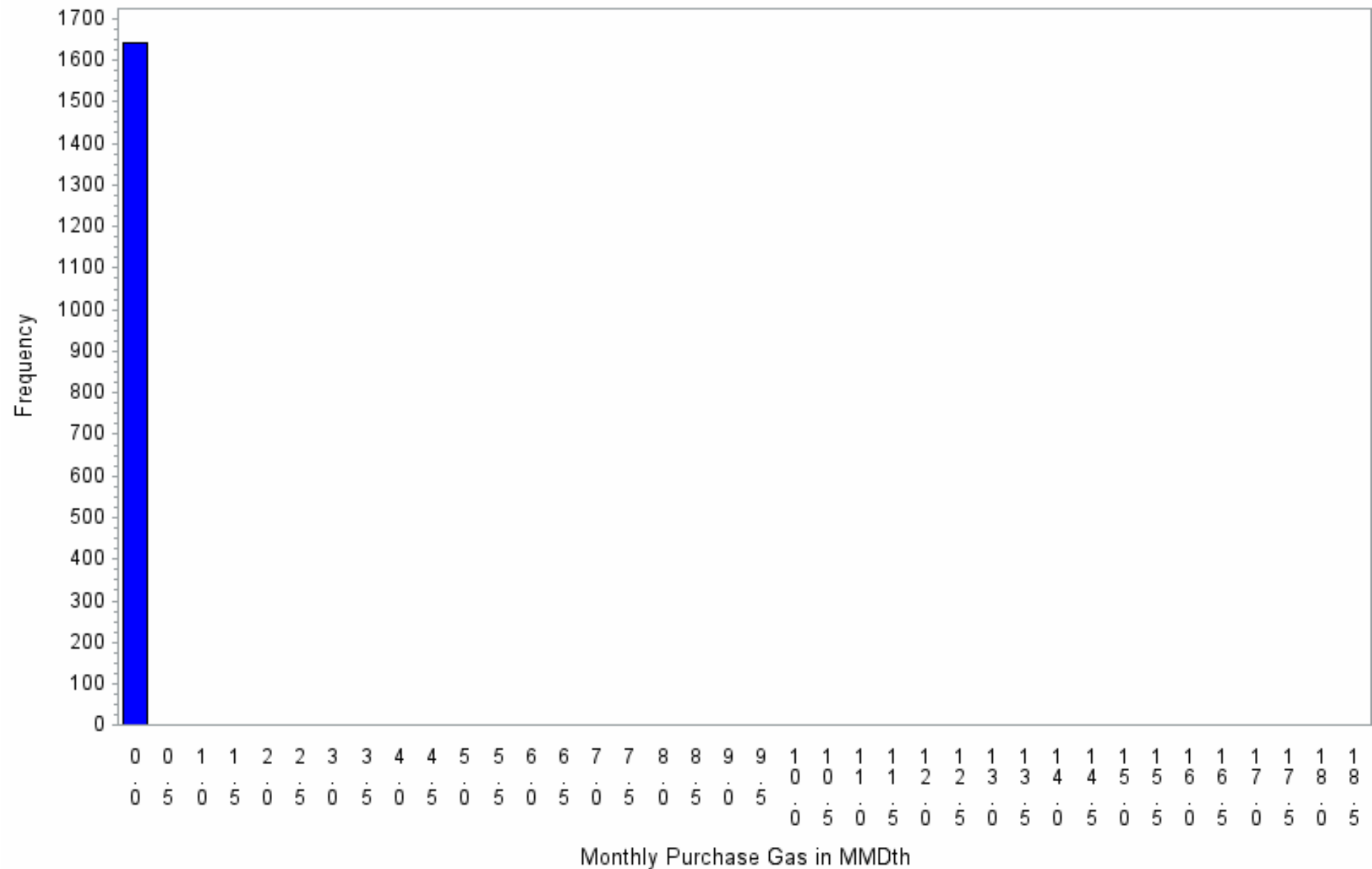
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=8

Exhibit 9.55



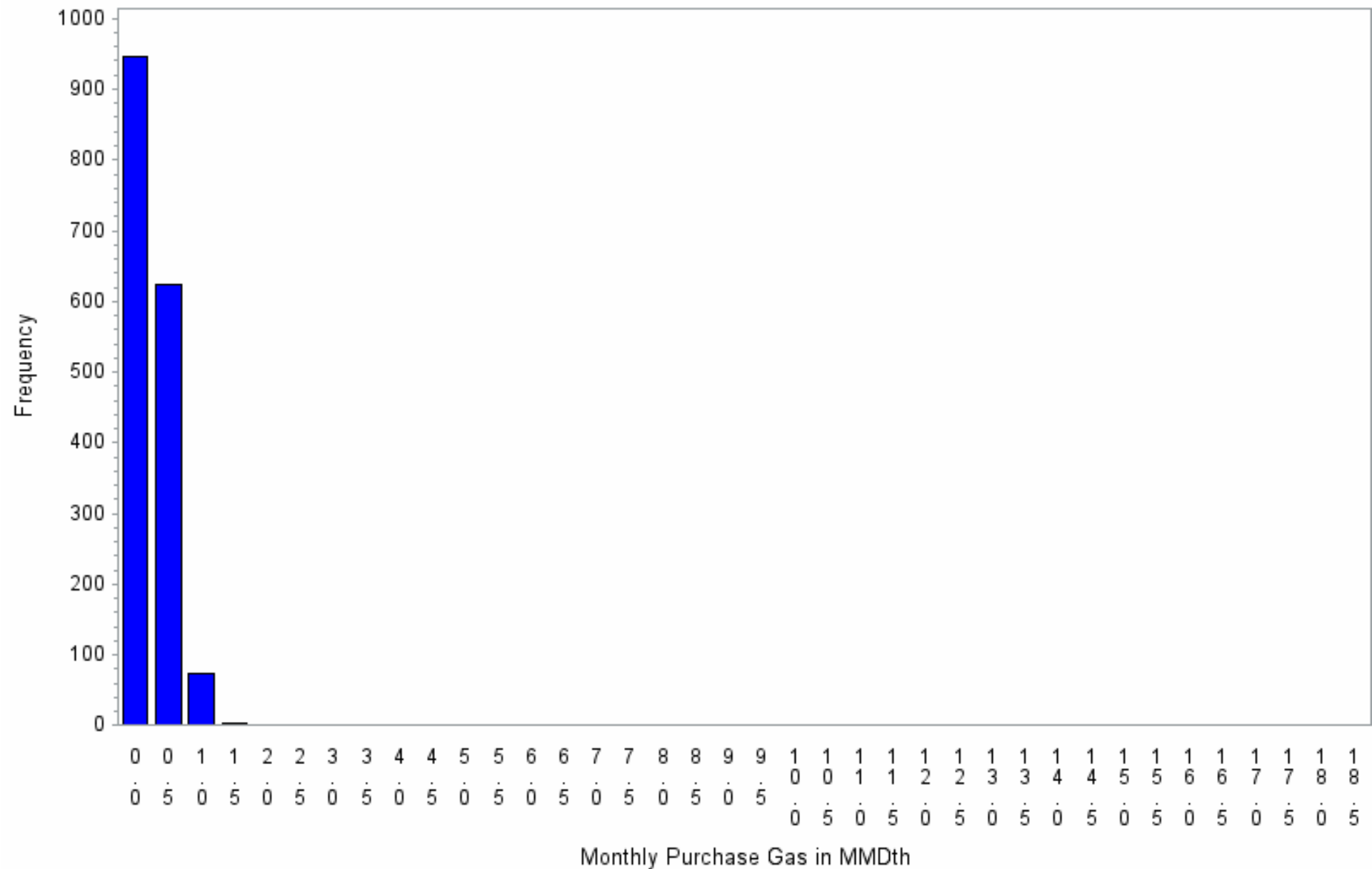
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=9

Exhibit 9.56





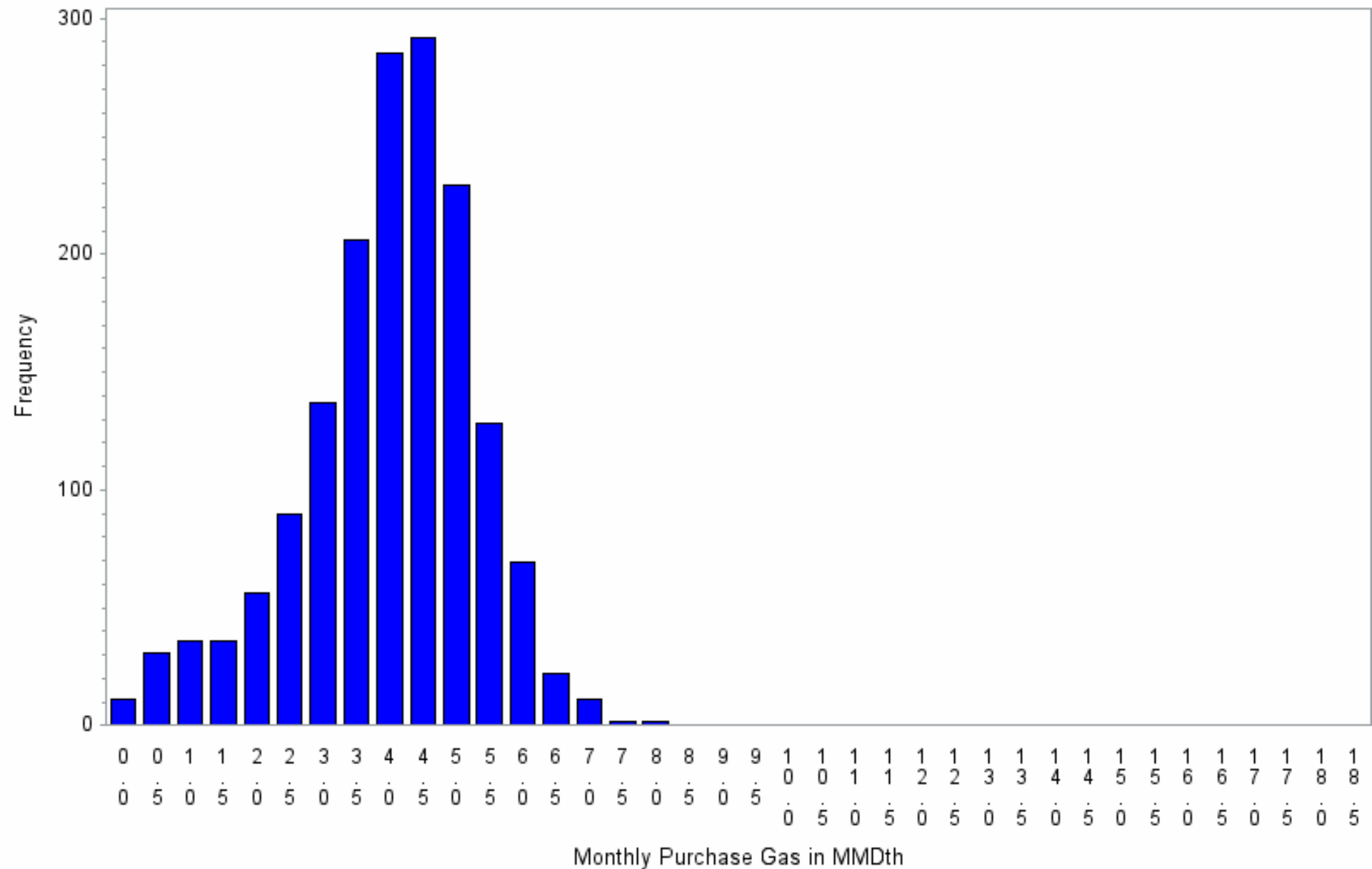
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=10

Exhibit 9.57



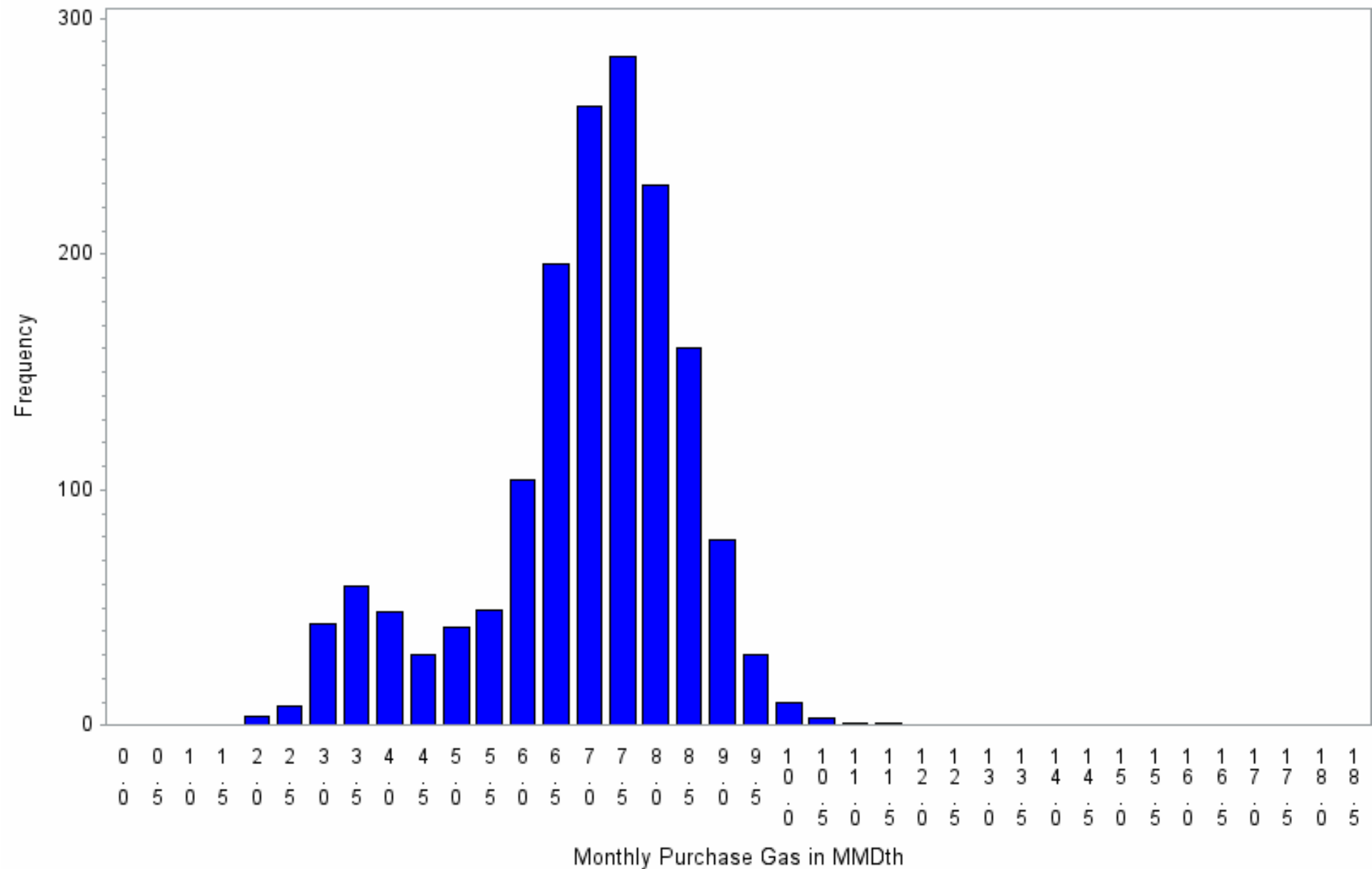
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=11

Exhibit 9.58



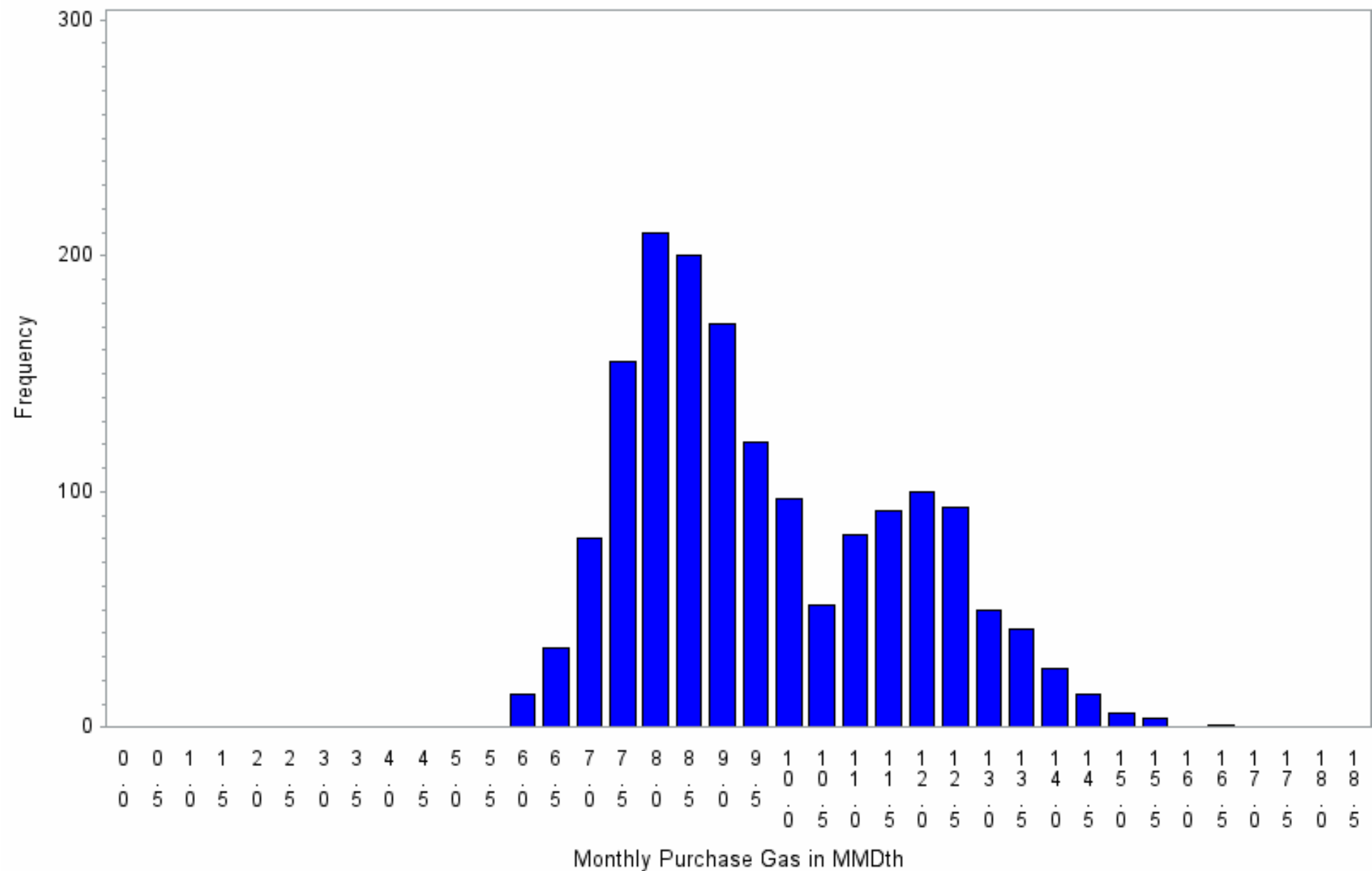
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=12

Exhibit 9.59



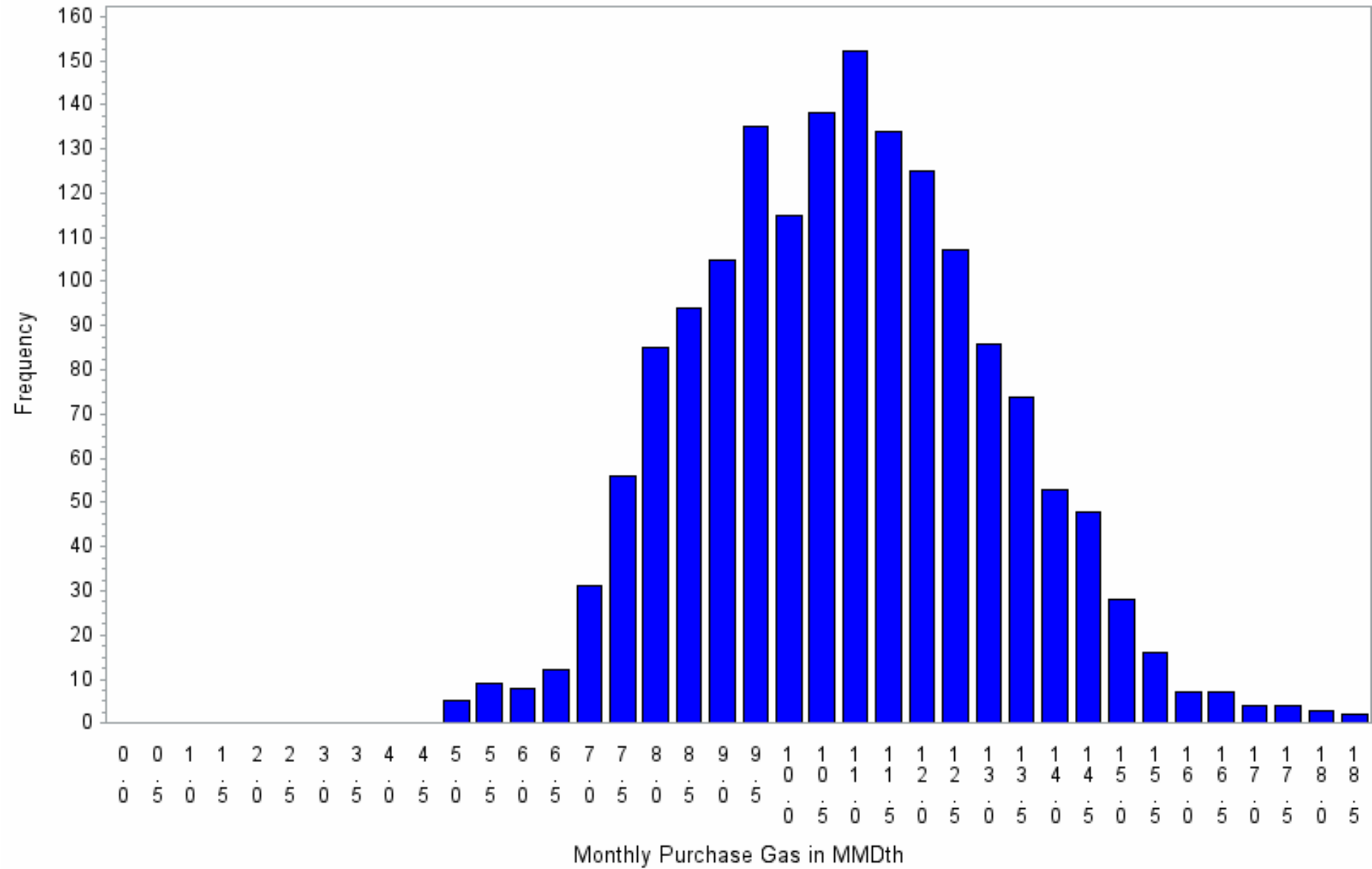
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=1

Exhibit 9.60



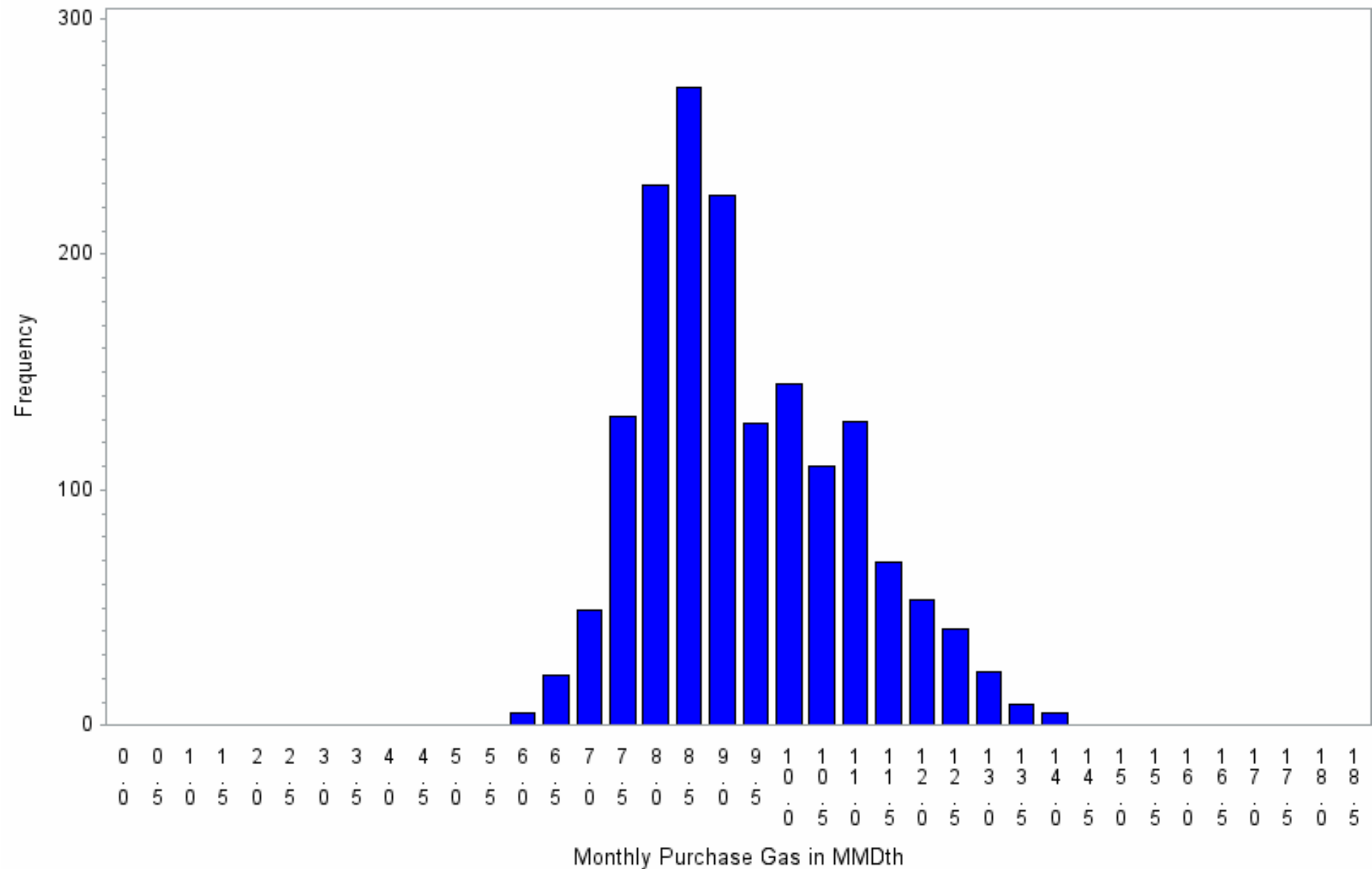
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=2

Exhibit 9.61



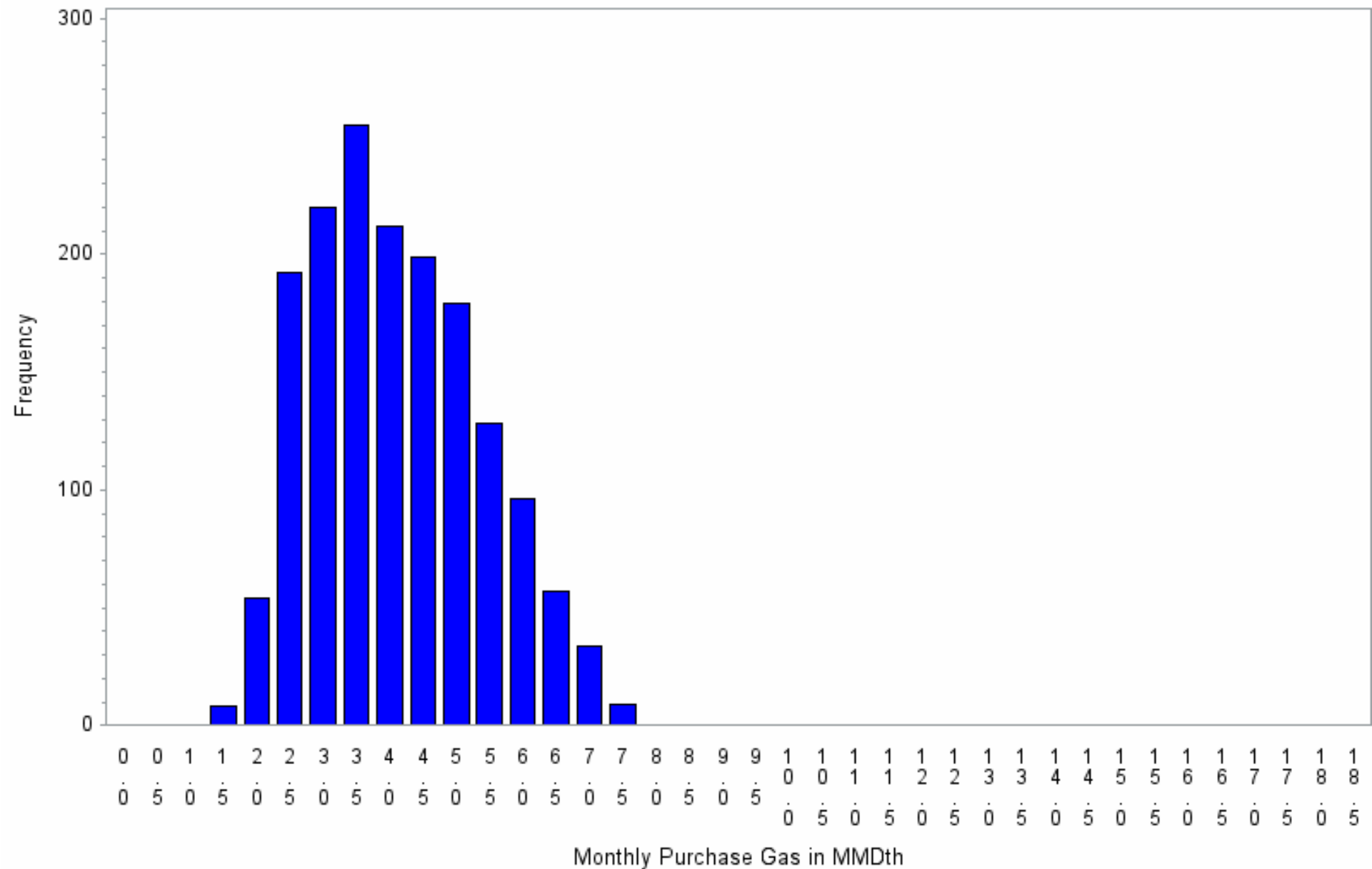
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=3

Exhibit 9.62



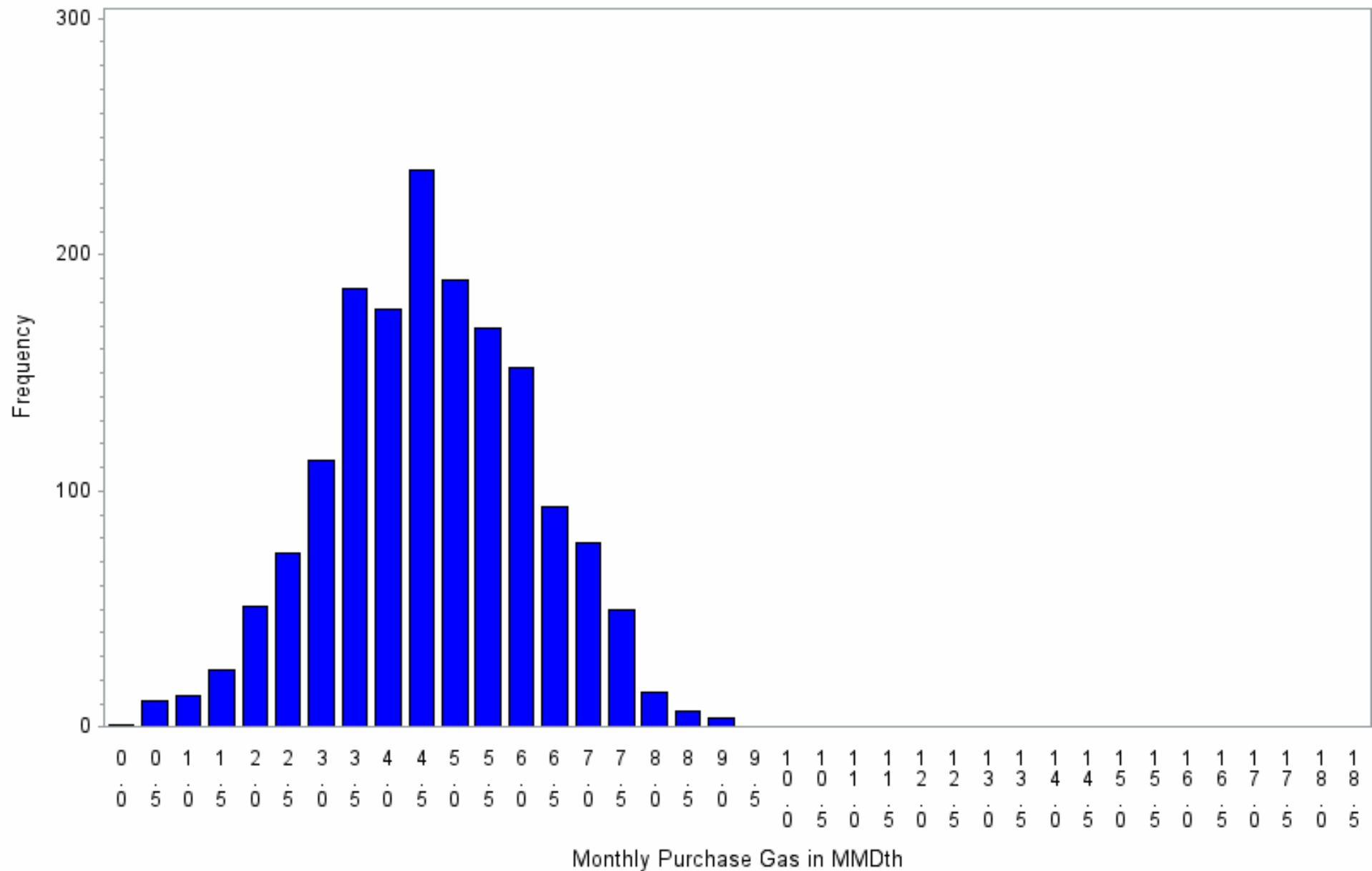
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=4

Exhibit 9.63



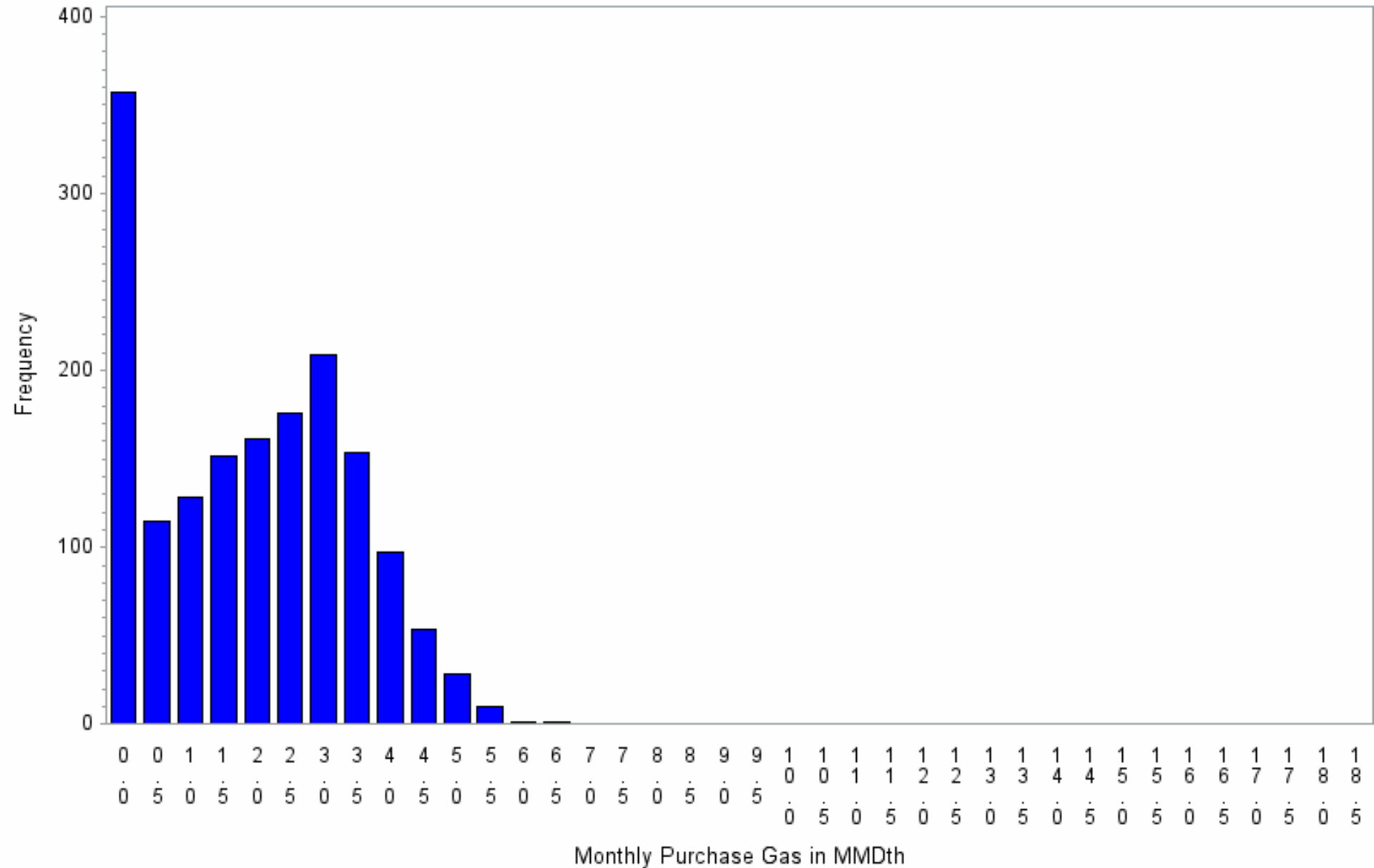
# Monthly Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=5

Exhibit 9.64



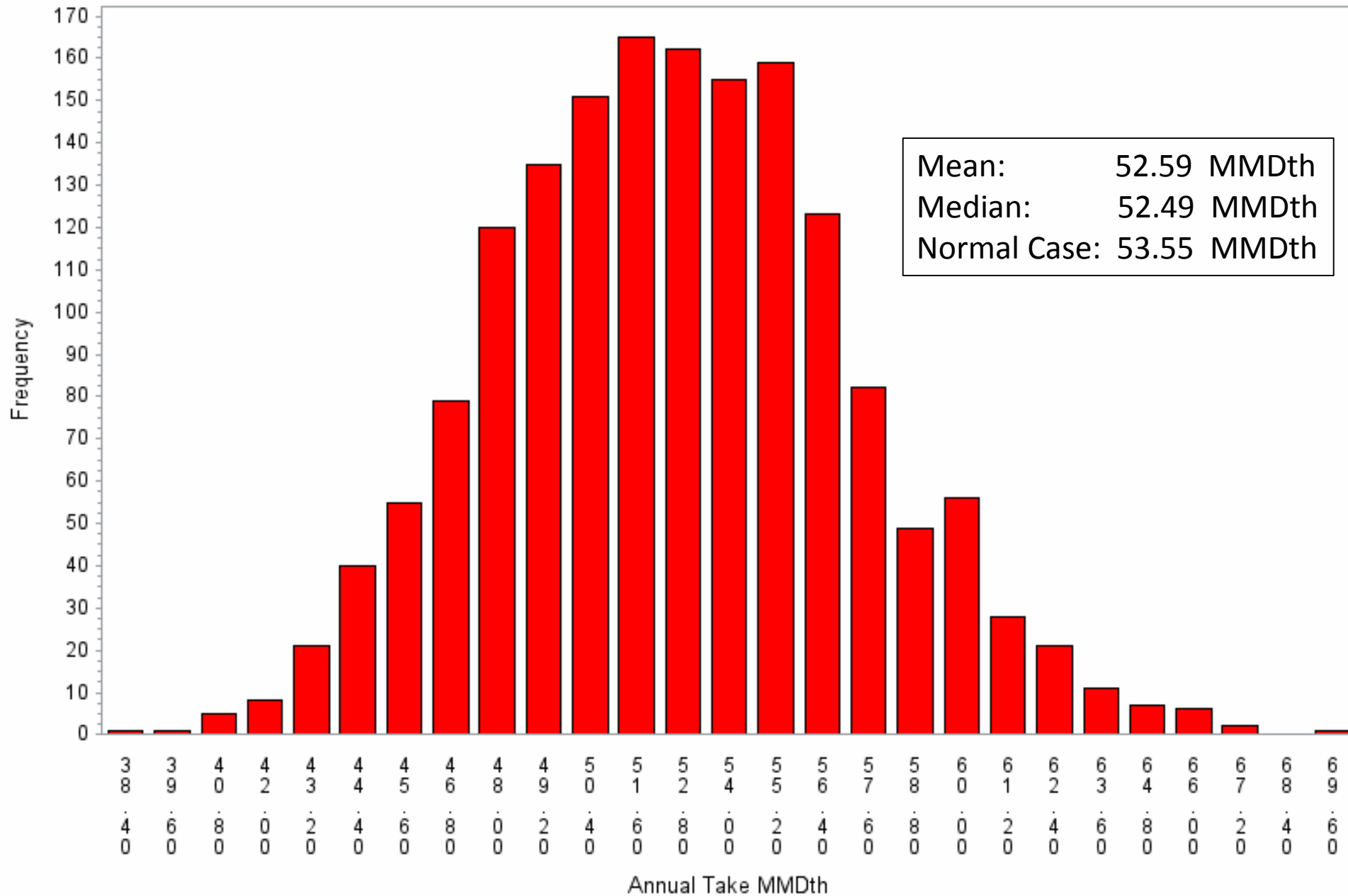


# Annual Gas Purchase Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

Exhibit 9.65



Monthly Gas Purchase Distribution in Mdth

Exhibit 9.66

2016 Plan Year

Scenario 1001 : 1643 Draws

year	month	mean	max	p95	p90	med	p10	p5	min
2016	6	0.7	2.68	1.64	1.46	0.64	0.07	0.01	0
2016	7	0.09	0.15	0.14	0.14	0.08	0	0	0
2016	8	0.06	0.13	0.12	0.12	0.08	0	0	0
2016	9	0.26	1.26	0.74	0.66	0.15	0	0	0
2016	10	3.98	8.02	5.91	5.49	4.11	2.18	1.28	0.04
2016	11	6.92	11.28	8.9	8.58	7.22	4.29	3.5	2.08
2016	12	9.66	16.57	13.34	12.66	9.1	7.41	6.98	5.78
2017	1	10.88	18.86	14.6	13.81	10.85	8.09	7.45	4.78
2017	2	9.33	14.2	12.2	11.44	8.97	7.65	7.3	6.01
2017	3	4.11	7.56	6.35	5.89	4.01	2.57	2.32	1.29
2017	4	4.65	8.83	7.2	6.67	4.6	2.69	2.12	0.14
2017	5	1.95	6.36	4.33	3.88	1.97	0	0	0

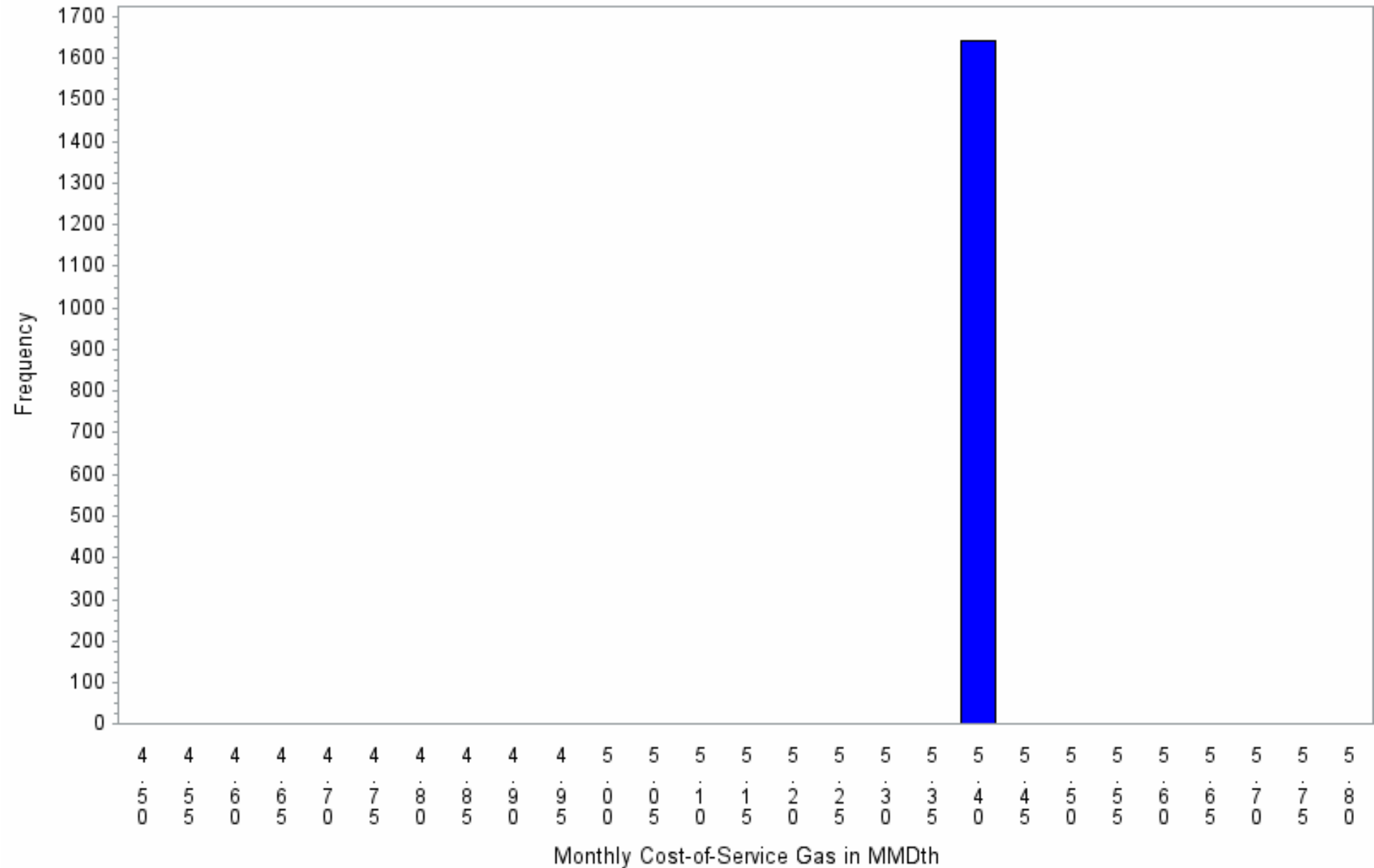
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=6

Exhibit 9.67



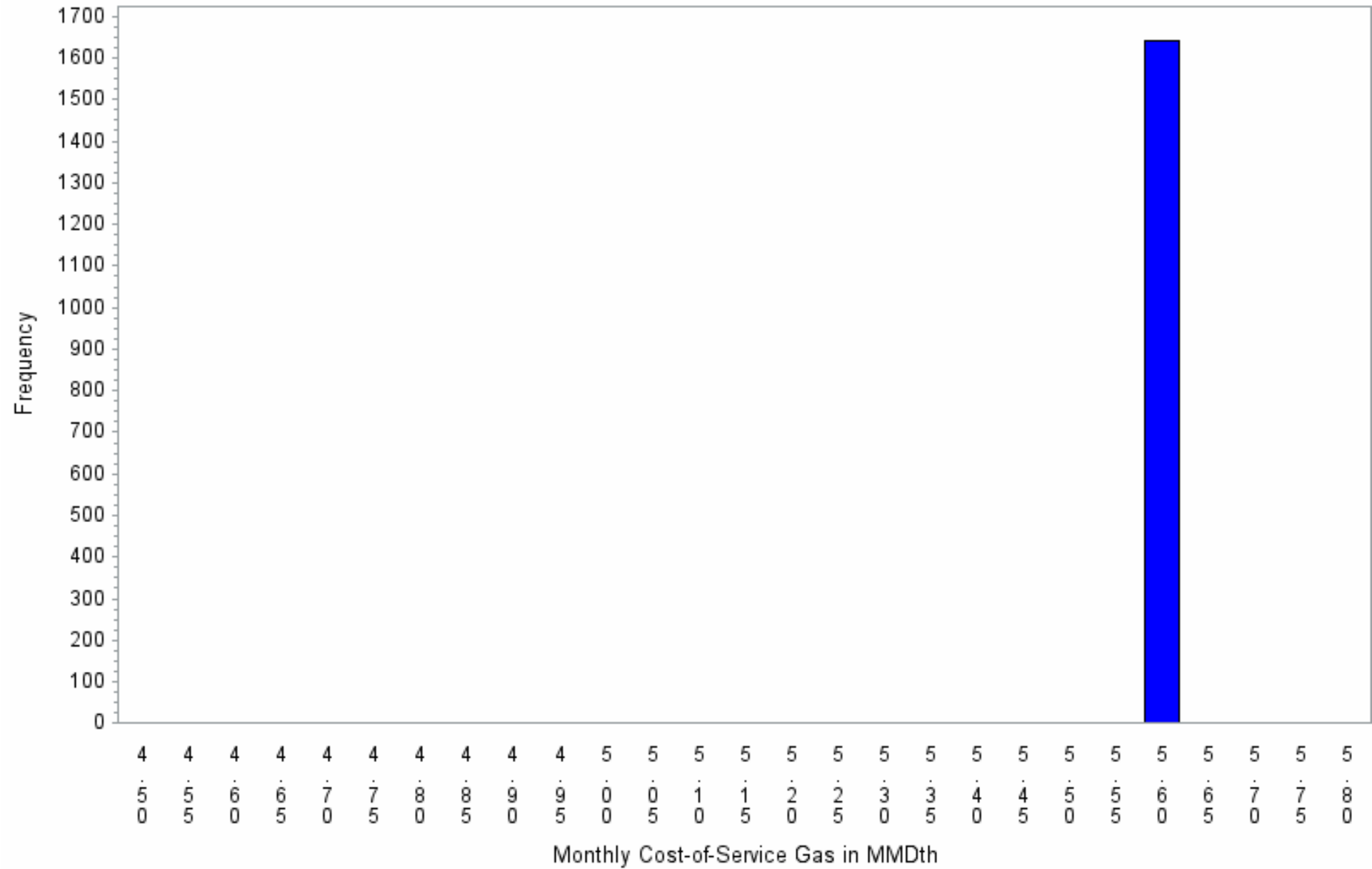
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=7

Exhibit 9.68



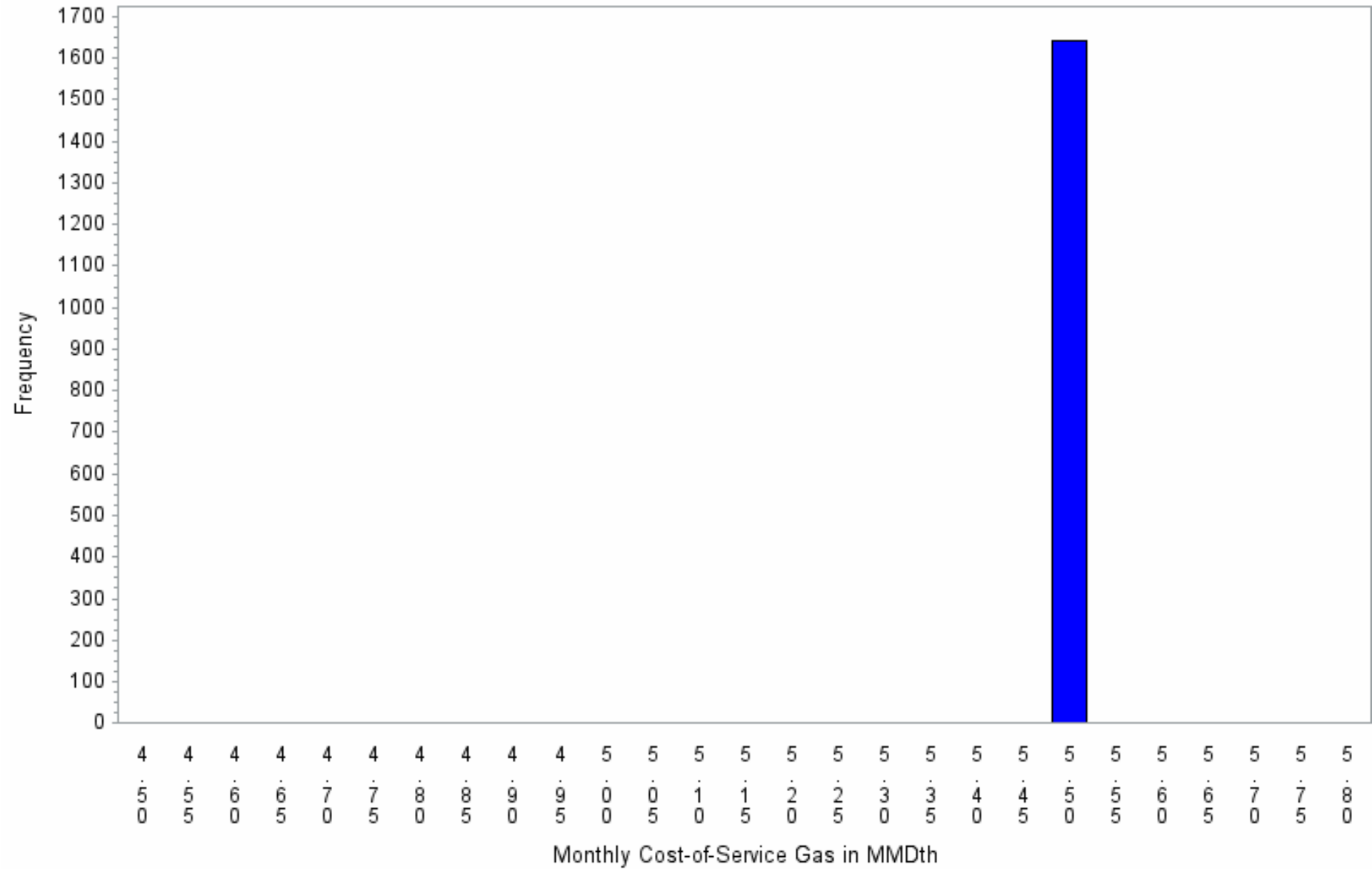
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=8

Exhibit 9.69



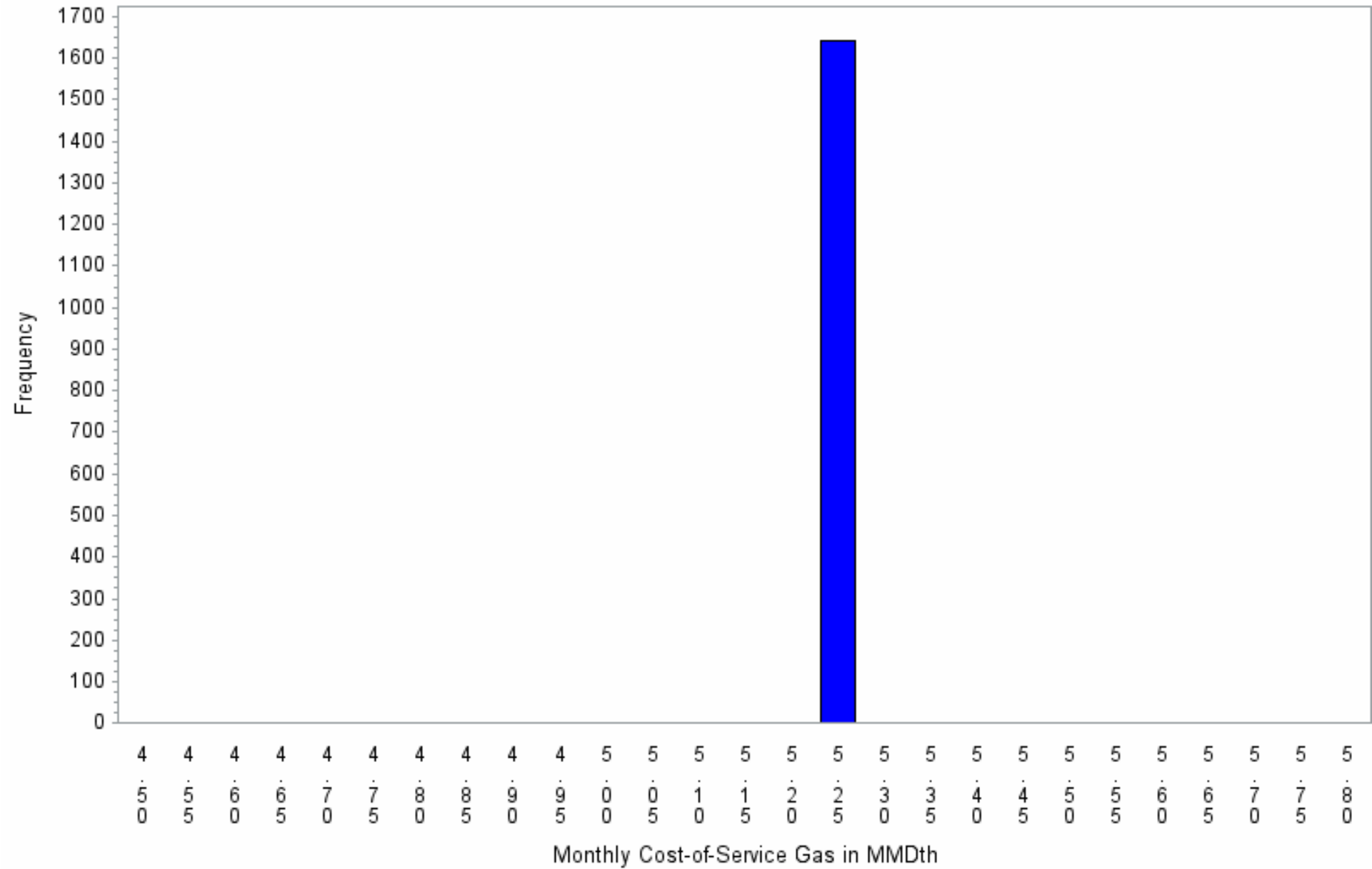
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=9

Exhibit 9.70



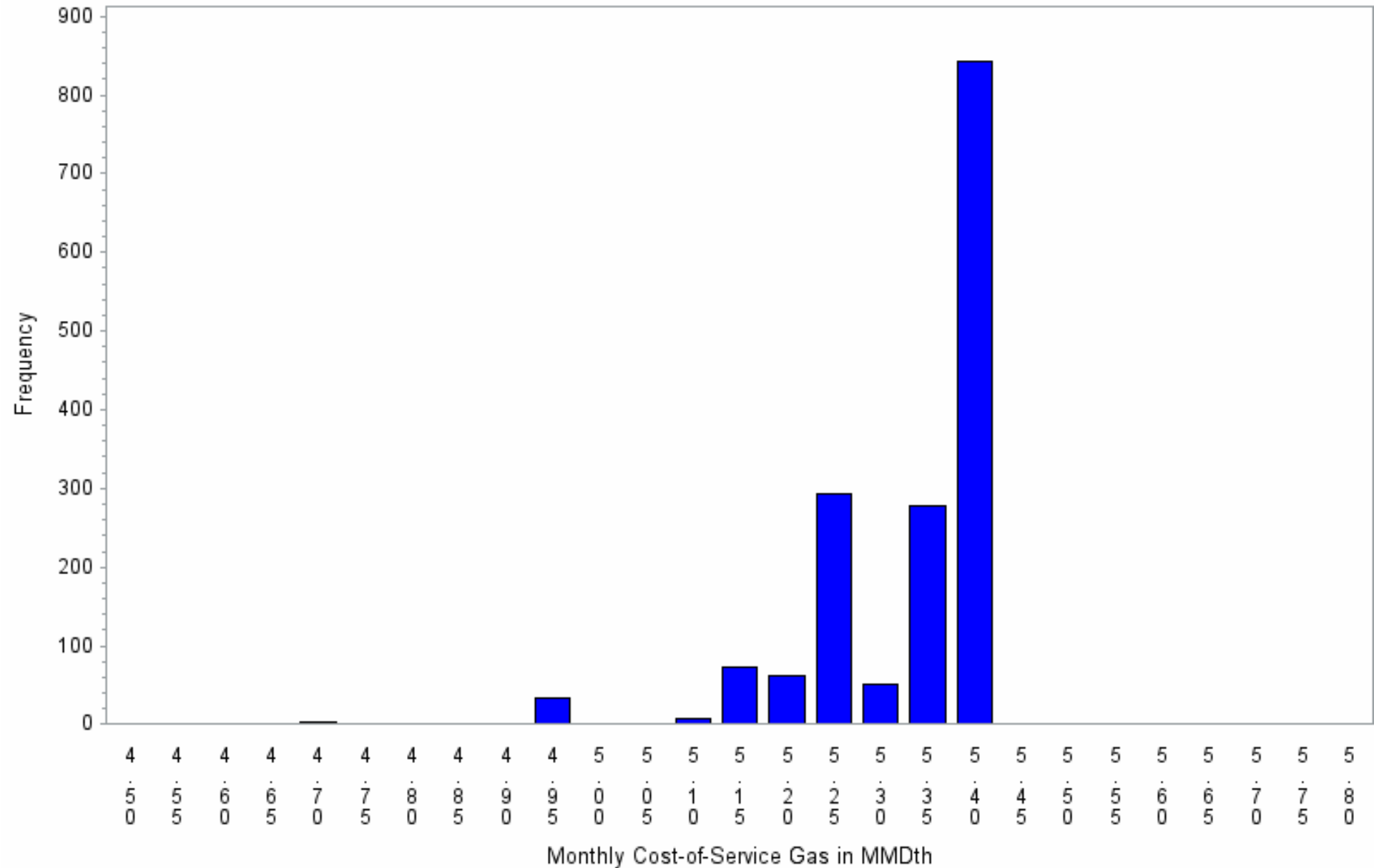
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=10

Exhibit 9.71



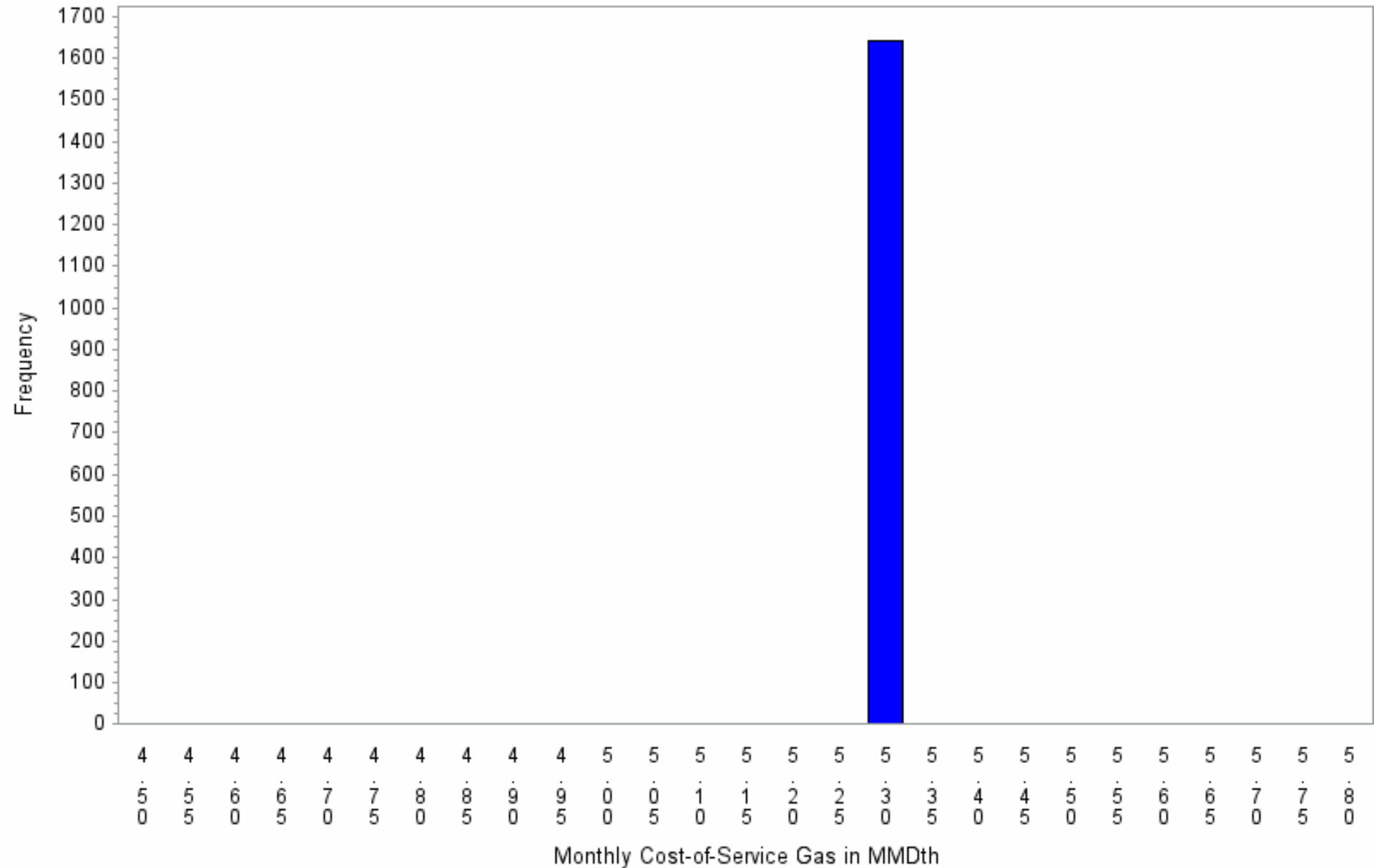
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=11

Exhibit 9.72





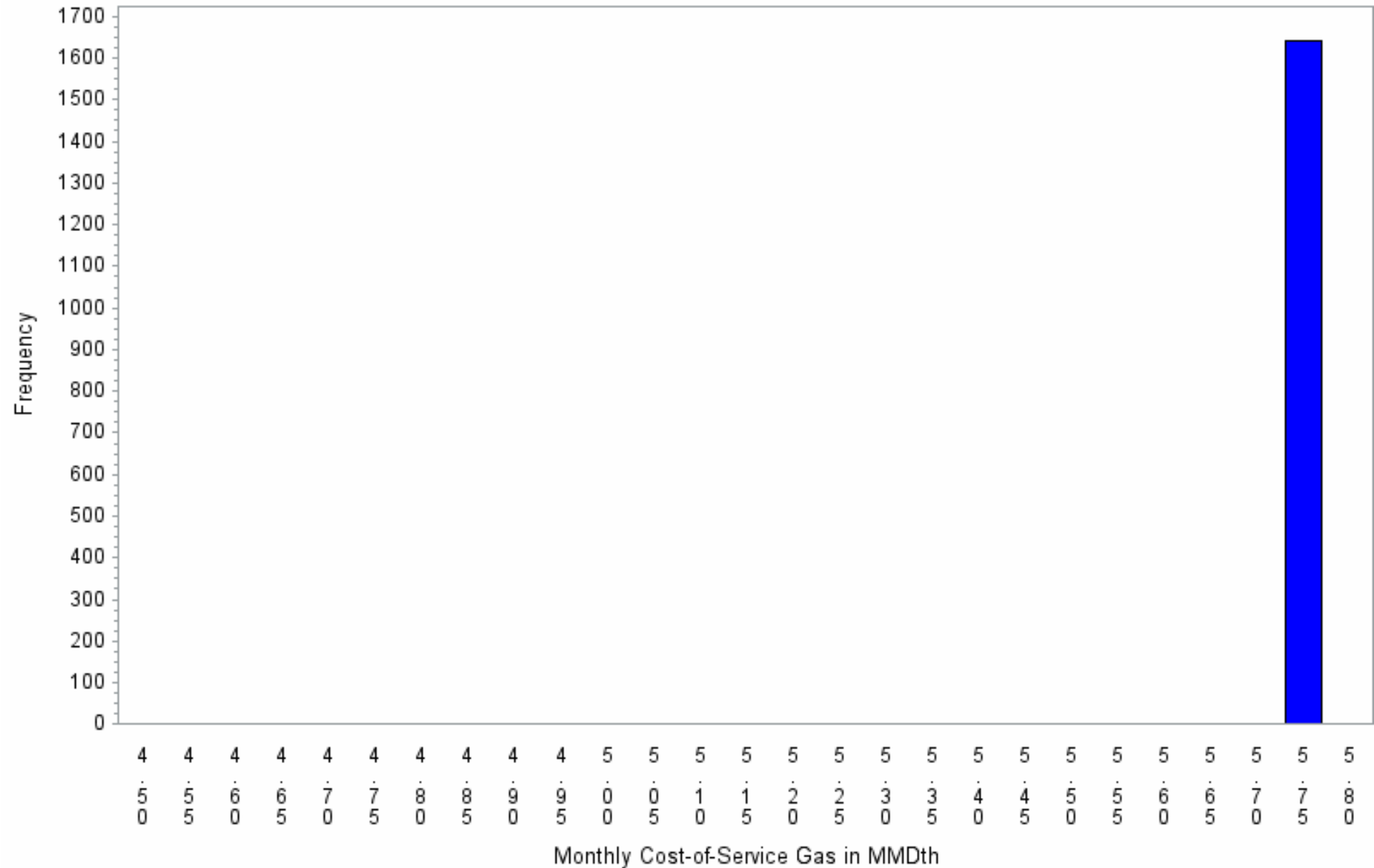
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2016 month=12

Exhibit 9.73



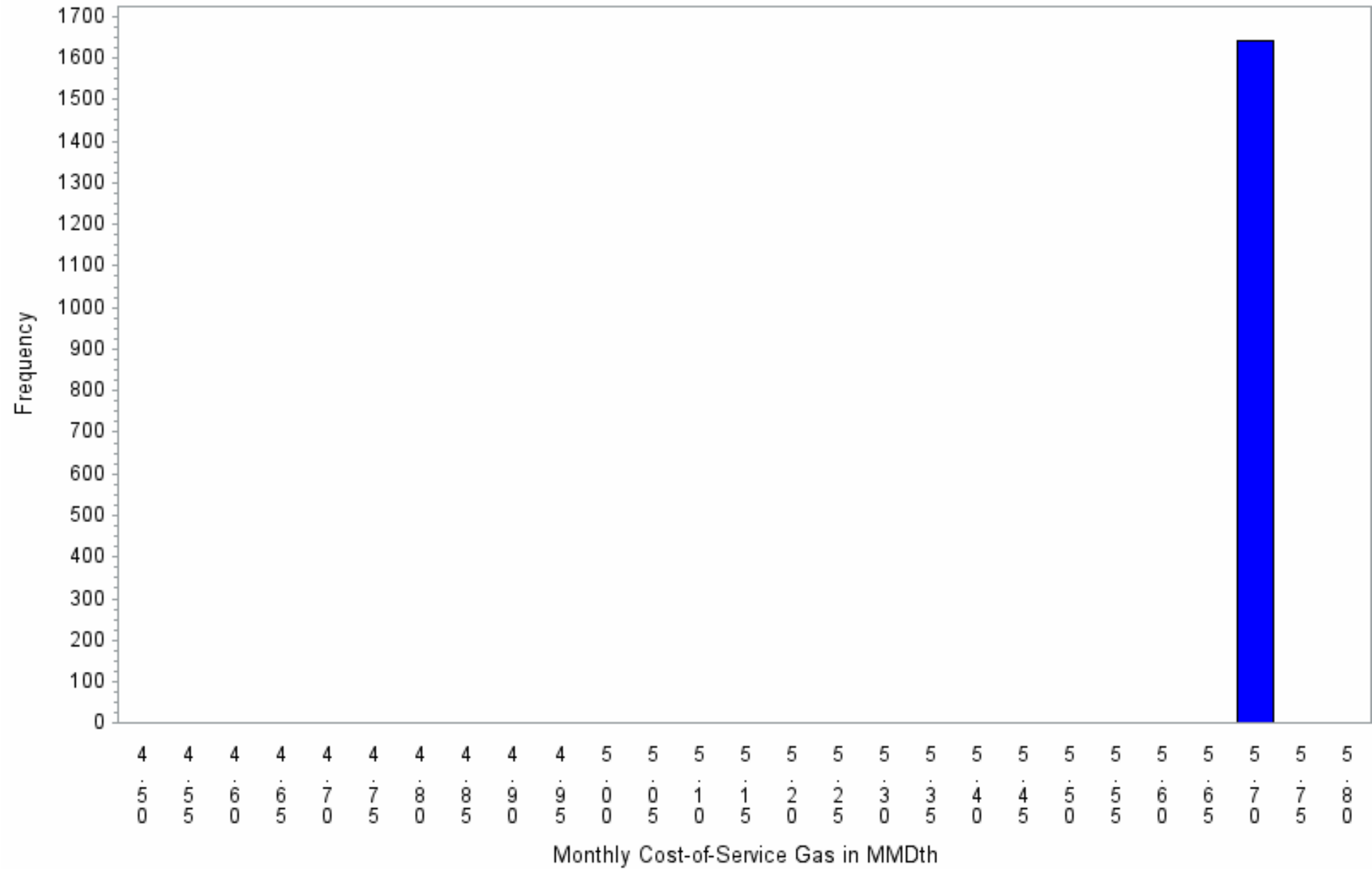
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=1

Exhibit 9.74



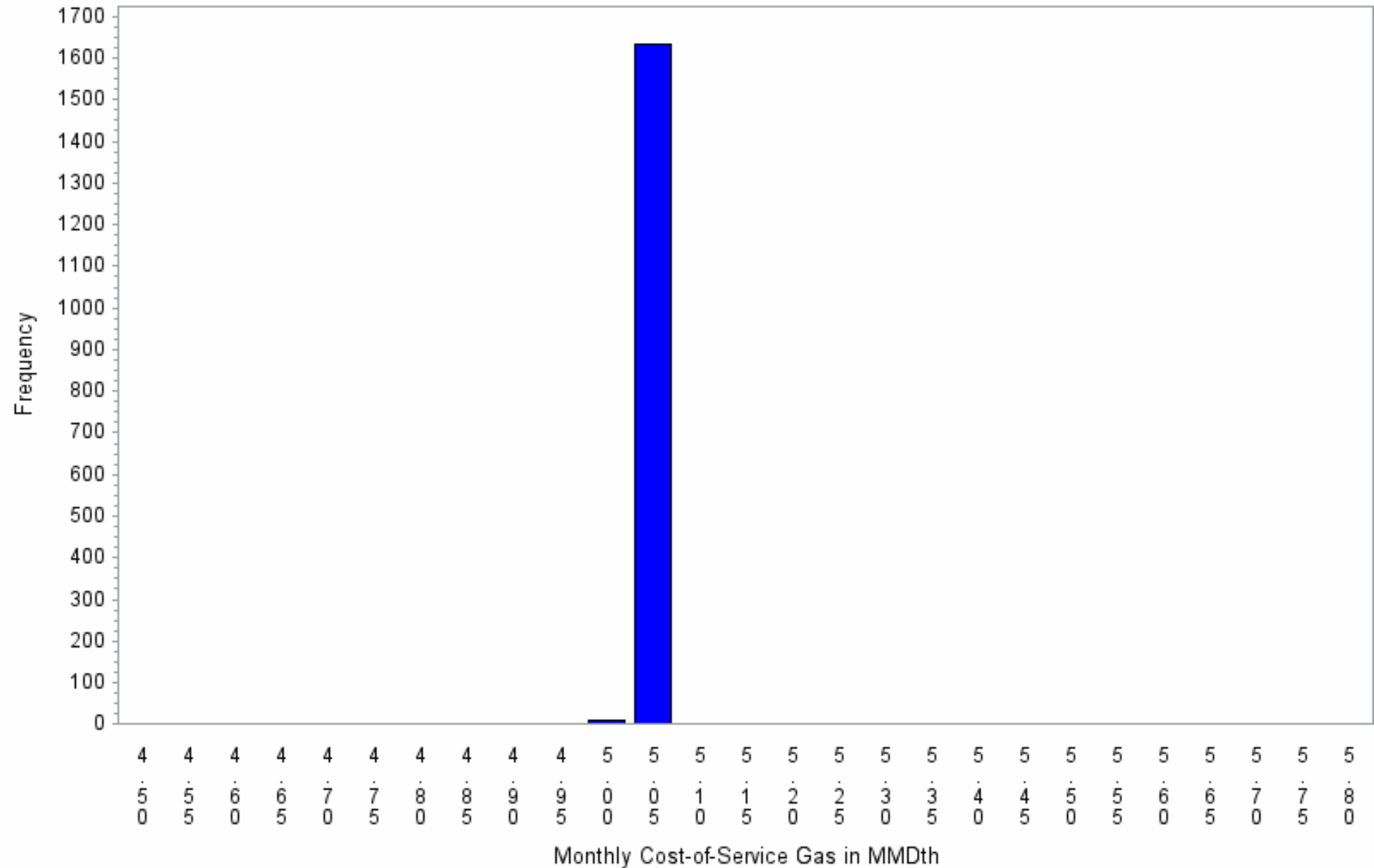
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=2

Exhibit 9.75



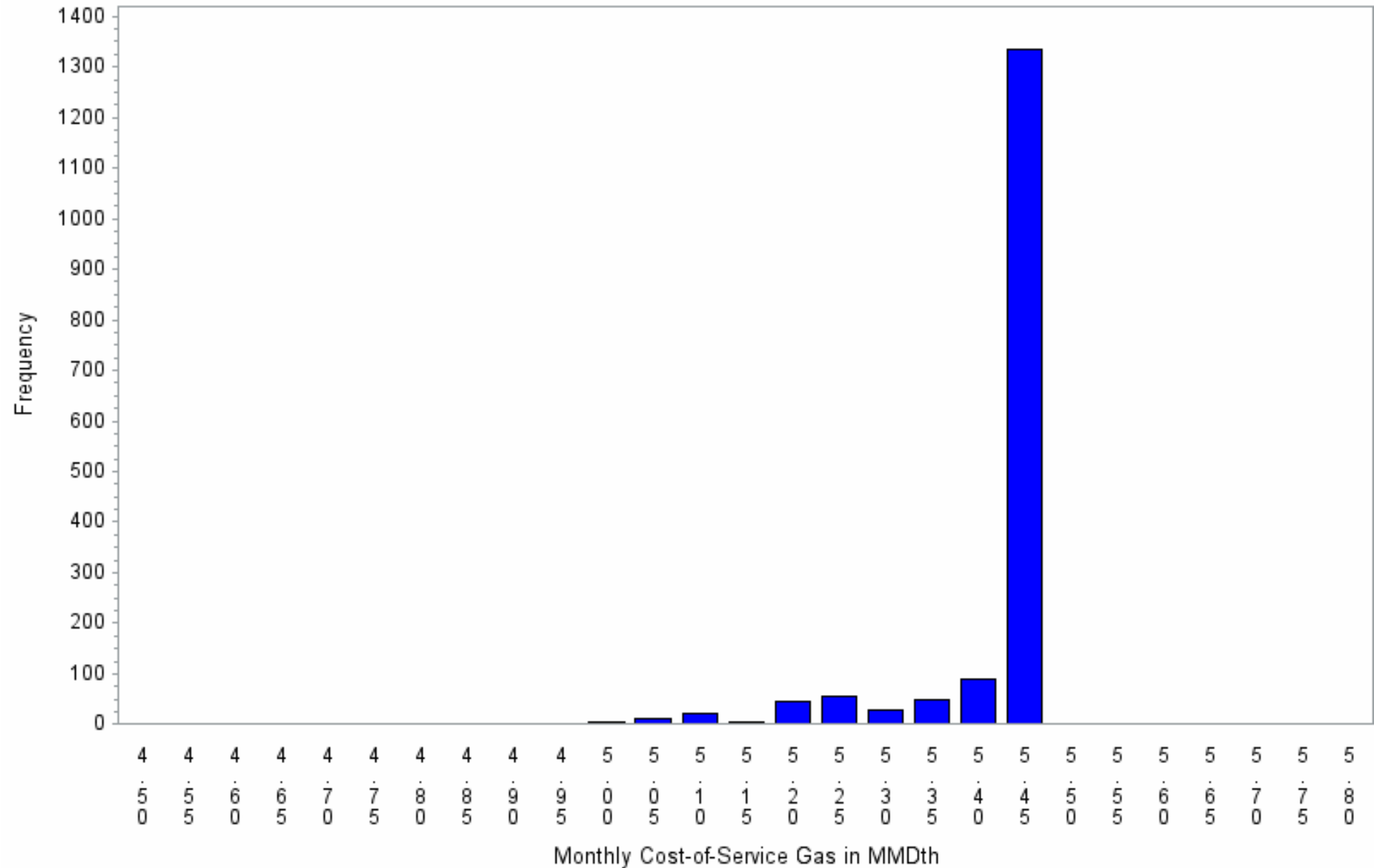
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=3

Exhibit 9.76



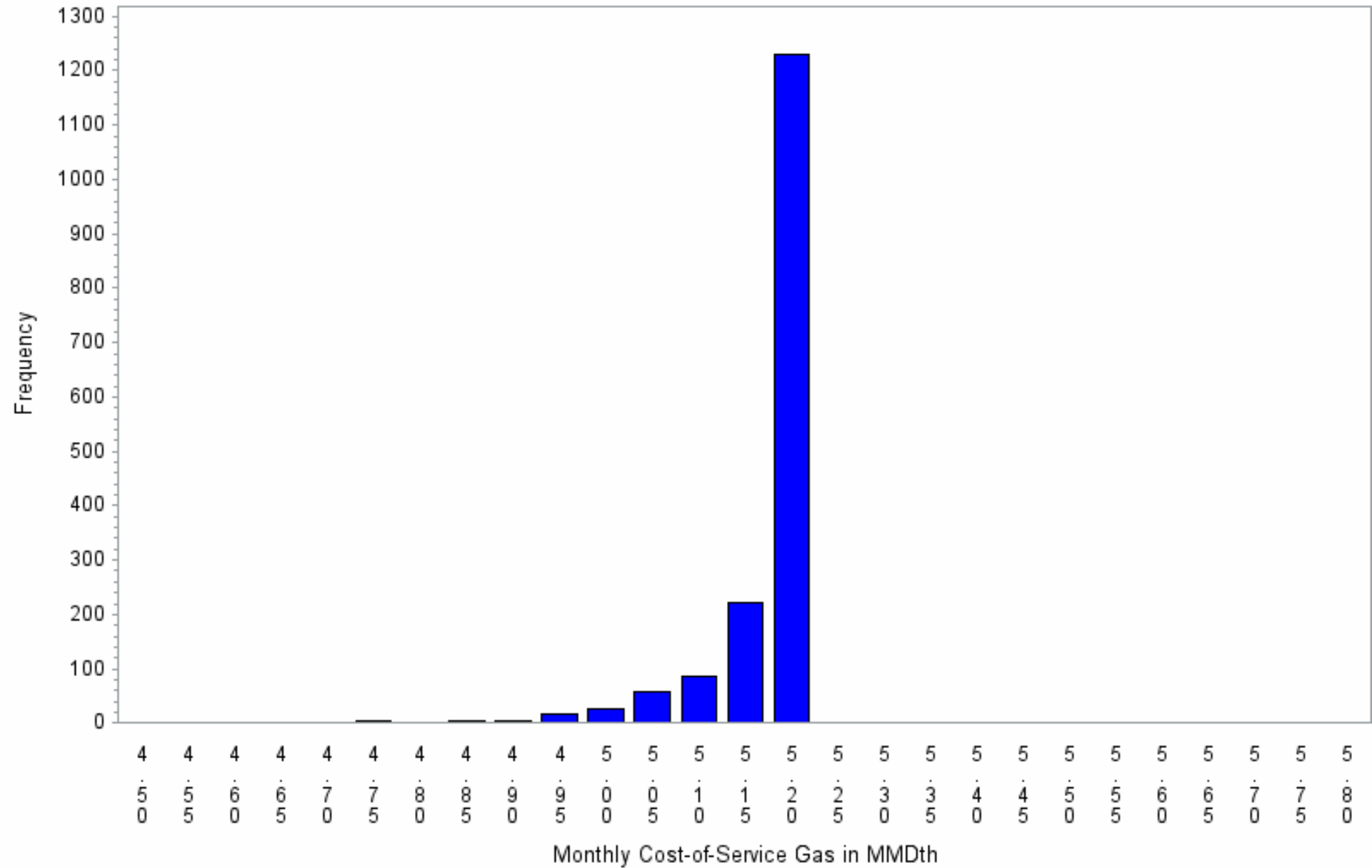
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=4

Exhibit 9.77



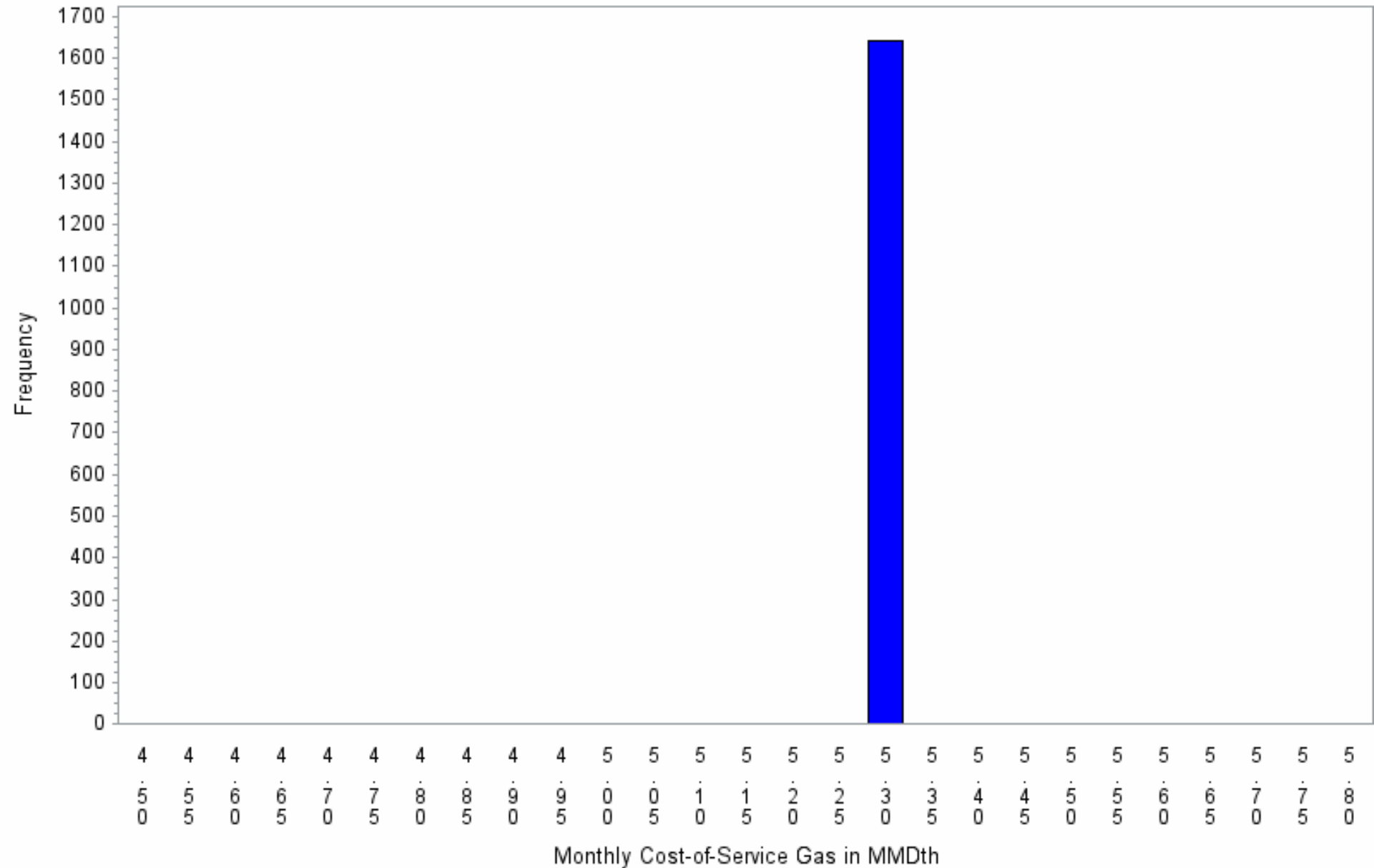
# Monthly Cost-of-Service Gas Distribution

2016 Plan Year

Scenario 1001 : 1643 Draws

year=2017 month=5

Exhibit 9.78

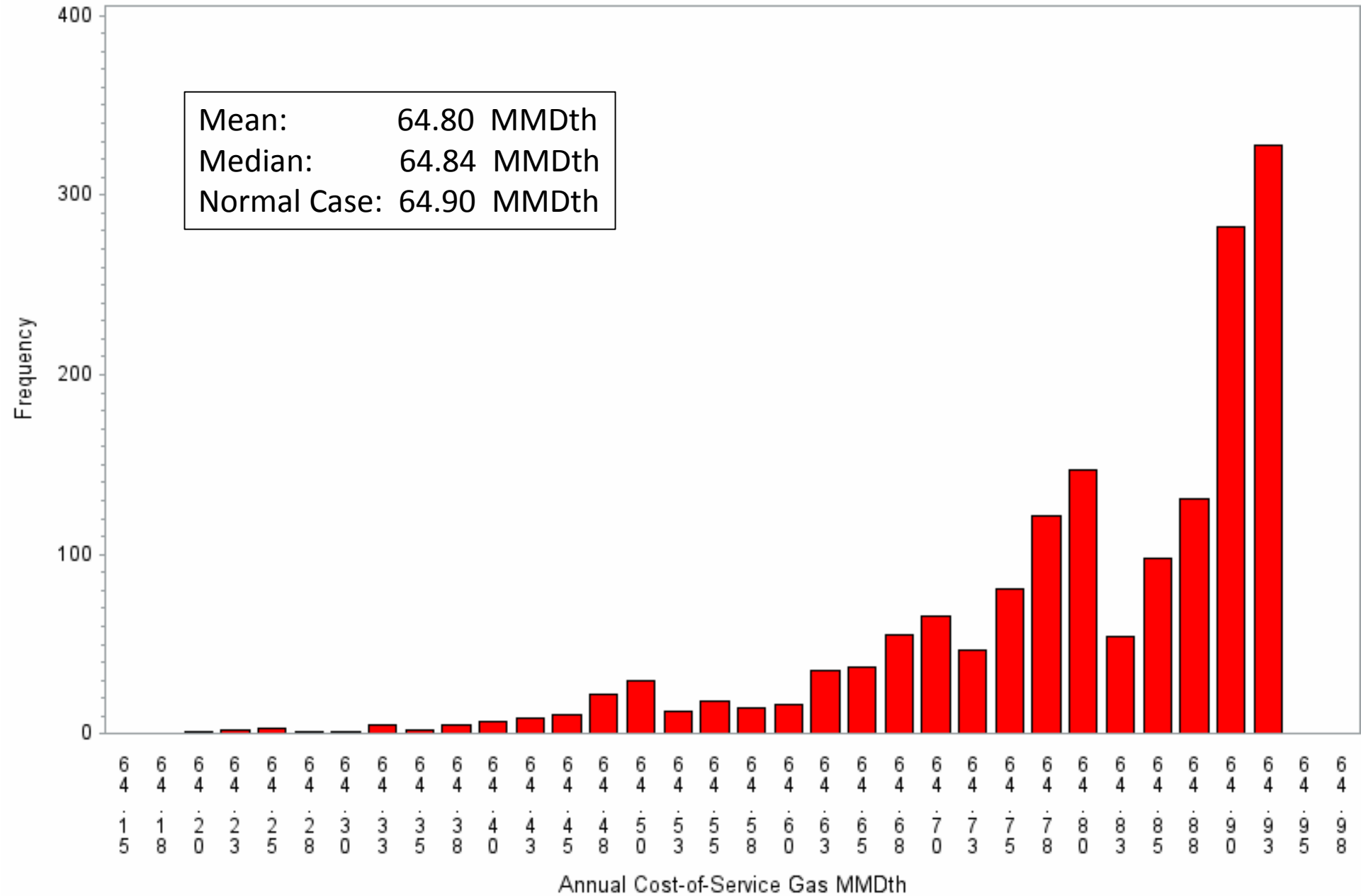


# Annual Production Distribution : Cost of Service Gas

2016 Plan Year

Scenario 1001 : 1643 Draws

Exhibit 9.79





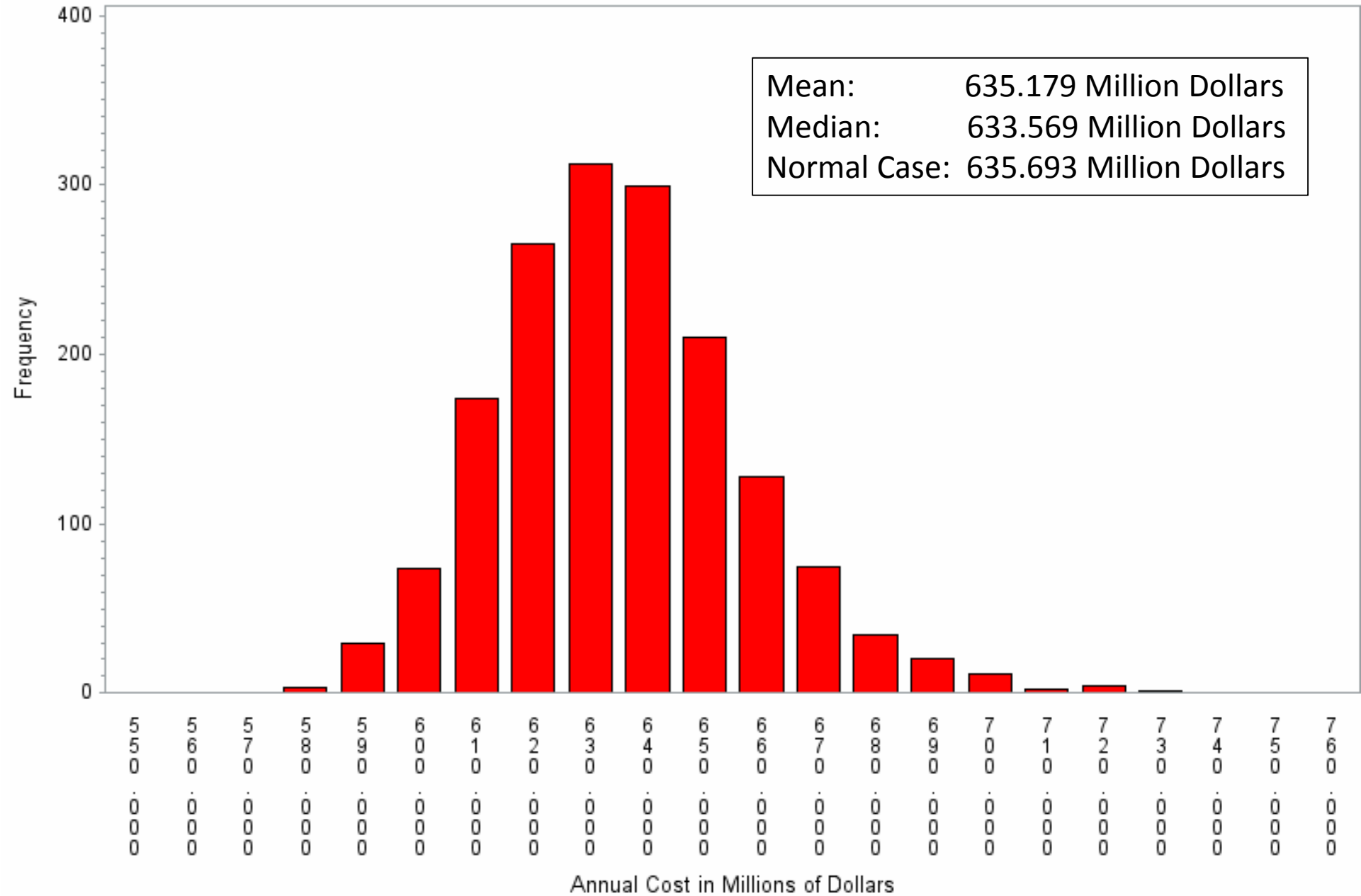


# First Year System Cost Distribution

Plan Year 2016

Scenario 1001 : 1643 Draws

Exhibit 9.81

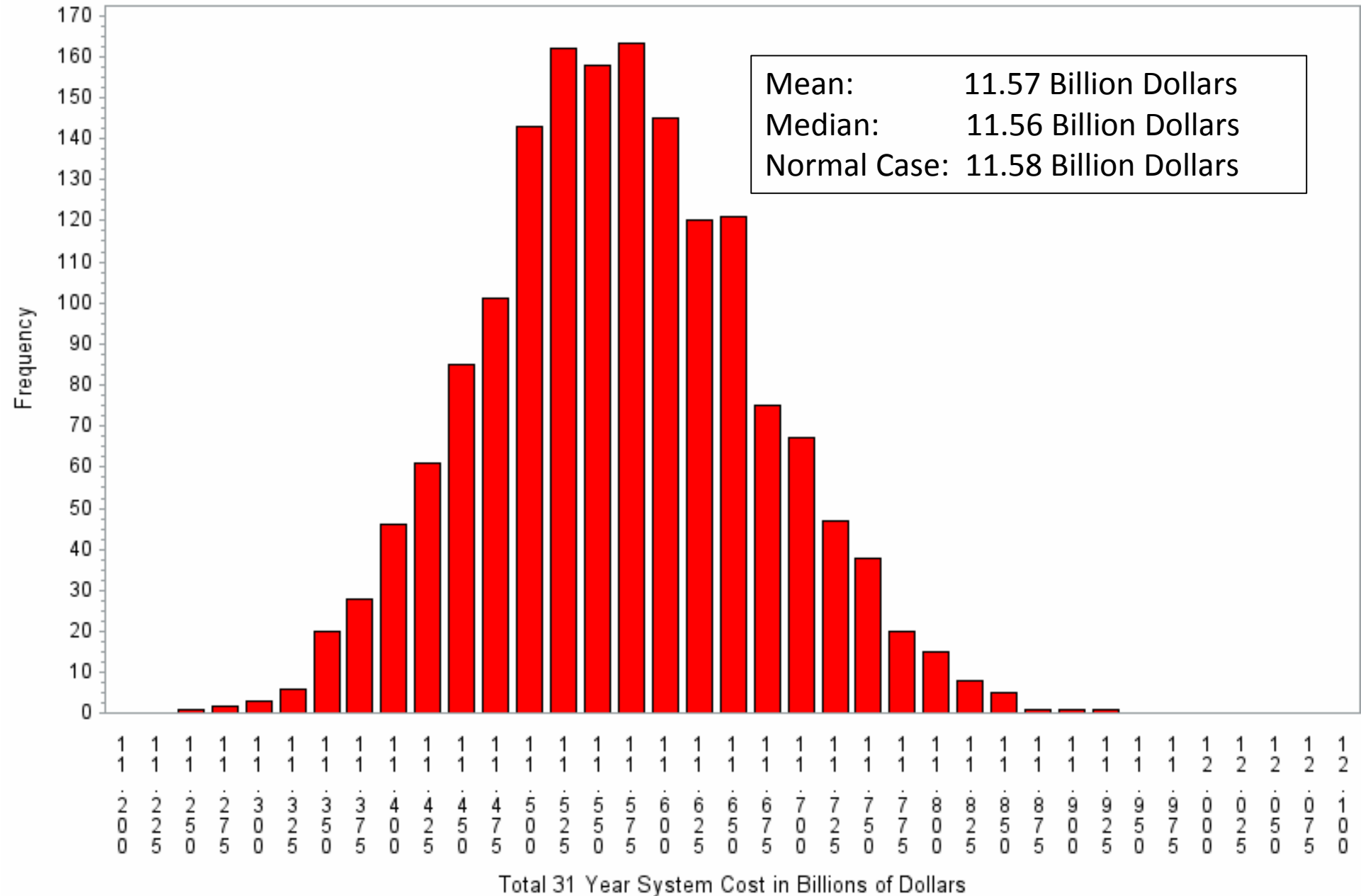


# Total 31 Year System Cost Distribution

2016 - 2047

Scenario 1001

Exhibit 9.82



## Required v. Supply

Exhibit 9.89

		Mnth												
Area	Class	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Total
Ut/Id	FS_COM	281.869	233.141	229.061	225.504	272.906	306.310	404.453	455.242	372.903	361.172	340.702	292.219	3,775.482
Ut/Id	FS_IND	116.774	92.329	100.349	89.583	104.290	110.246	128.781	130.264	122.281	117.176	112.542	107.054	1,331.669
Ut/Id	GS_COM	740.254	625.016	590.542	646.617	1,751.564	3,057.887	4,806.290	5,001.100	4,013.694	3,149.046	2,063.213	1,253.985	27,699.208
Ut/Id	GS_RES	1,750.424	1,478.567	1,395.654	1,521.756	4,139.083	7,227.017	11,383.322	11,974.280	9,608.811	7,535.240	4,931.782	2,996.413	65,942.348
Ut/Id	IS_COM	23.378	3.307	2.629	3.186	2.620	10.188	36.714	35.980	20.342	20.428	14.826	10.478	184.076
Ut/Id	IS_IND	51.950	43.471	45.416	50.372	54.812	34.403	26.562	17.271	18.286	14.985	25.197	43.240	425.964
Ut Geo	GS_COM	56.348	46.468	44.472	48.532	119.418	202.438	315.088	329.456	265.259	210.332	141.245	89.094	1,868.150
Ut Geo	GS_RES	135.240	111.545	106.748	116.488	286.519	485.859	756.099	799.104	643.268	510.337	342.590	216.092	4,509.891
Ut KRGT	GS_COM	2.563	2.107	2.026	2.210	5.421	9.210	14.291	14.966	12.033	9.576	6.427	4.054	84.884
Ut KRGT	GS_RES	6.148	5.071	4.851	5.293	13.024	22.086	34.378	36.321	29.243	23.194	15.573	9.821	205.004
UT NPC	GS_COM	3.844	3.168	3.027	3.315	8.132	13.789	21.480	22.448	18.116	14.337	9.624	6.070	127.349
UT NPC	GS_RES	9.222	7.605	7.279	7.939	19.536	33.133	51.553	54.481	43.853	34.796	23.359	14.733	307.491
Wy QGC	FS_COM	14.844	12.472	12.091	11.750	17.251	16.989	20.761	24.504	21.608	21.425	20.171	17.623	211.489
Wy QGC	GS_COM	57.533	27.043	24.606	32.153	69.118	133.004	204.425	256.900	217.467	203.353	137.889	102.530	1,466.022
Wy QGC	GS_RES	63.824	43.504	46.739	83.225	160.761	245.917	350.902	399.144	337.978	256.953	189.317	118.280	2,296.544
Wy QGC	IS_COM	6.121	4.057	3.874	3.944	5.349	10.489	18.171	17.694	10.985	10.585	9.492	7.338	108.099
Wy QGC	IS_IND	2.990	2.307	2.925	2.787	2.883	2.645	2.572	4.181	2.997	2.532	2.124	1.887	32.830
		3,323.327	2,741.179	2,622.289	2,854.655	7,032.688	11,921.611	18,575.843	19,573.335	15,759.123	12,495.466	8,386.073	5,290.911	110,576.501
Fuel	Transport	174.159	179.870	177.743	168.354	184.389	224.426	329.860	327.237	266.303	225.592	180.741	165.430	2,604.104
Fuel	Injection	82.050	84.785	84.785	82.050	61.030	11.028	3.004	1.312	0.000	15.918	43.257	84.785	554.004
Fuel	Withdrawal	0.000	0.000	0.000	0.000	0.000	0.000	114.976	87.292	50.315	16.829	1.105	0.000	270.517
	Total	256.209	264.655	262.528	250.404	245.419	235.454	447.840	415.841	316.618	258.339	225.103	250.215	3,428.625
Inj. Net of Fuel Cly Bsn		2,580.000	2,666.000	2,666.000	2,580.000	1,429.000	0.000	0.000	0.000	0.000	500.529	1,357.418	2,666.000	16,444.947
Inj. Net of Fuel Aquifer		0.000	0.000	0.000	0.000	377.400	417.199	229.500	99.309	0.000	0.000	0.000	0.000	1,123.408
		2,580.000	2,666.000	2,666.000	2,580.000	1,806.400	417.199	229.500	99.309	0.000	500.529	1,357.418	2,666.000	17,568.355
Off_Sys		68.100	70.370	70.370	68.100	70.370	68.100	70.370	70.370	63.560	70.370	68.100	70.370	828.550
L and U		17.820	14.698	14.066	15.348	37.766	64.007	99.619	104.942	84.489	67.009	44.999	28.392	593.153
		85.920	85.068	84.436	83.448	108.136	132.107	169.989	175.312	148.049	137.379	113.099	98.762	1,421.703
Total Required		6,245.455	5,756.902	5,635.253	5,768.507	9,192.643	12,706.371	19,423.172	20,263.797	16,223.790	13,391.713	10,081.693	8,305.888	132,995.184

# Required v. Supply

Exhibit 9.90

		Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Total
Supply	Base	0.000	0.000	0.000	0.000	0.000	900.000	2,015.000	2,015.000	1,820.000	930.000	0.000	0.000	7,680.000
Supply	Peak	0.000	0.000	0.000	0.000	0.000	1,165.327	1,216.881	1,678.939	1,517.170	0.000	0.000	0.000	5,578.317
Supply	Spot	830.276	162.724	120.631	521.317	3,811.721	5,331.730	4,269.950	6,215.810	5,157.205	6,029.353	4,824.683	3,021.376	40,296.776
	Total	830.276	162.724	120.631	521.317	3,811.721	7,397.057	7,501.831	9,909.749	8,494.375	6,959.353	4,824.683	3,021.376	53,555.093
Withdraw	Aquifer	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52.154	44.875	966.376	0.000	0.000	1,063.405
Withdraw	Clay Basin	0.000	0.000	0.000	0.000	0.000	0.000	6148.443	4617.808	2652.749	0.000	59.111	0.000	13,478.111
Withdraw	Company	4536.942	4604.389	4552.266	4344.021	4428.353	4228.659	4313.52	4259.97	3801.414	4159.003	3978.648	4065.073	51,272.258
Withdraw	Wexpro II	807.356	916.545	889.111	832.287	879.324	1009.773	1386.134	1350.872	1164.22	1233.735	1148.37	1146.194	12,763.921
		5344.298	5520.934	5441.377	5176.308	5307.677	5238.432	11848.097	10280.804	7663.258	6359.114	5186.129	5211.267	78,577.695
Withdraw	Off_System	70.882	73.245	73.245	70.882	73.245	70.882	73.245	73.245	66.157	73.245	70.882	73.245	862.400
	Total Supply	6,245.456	5,756.903	5,635.253	5,768.507	9,192.643	12,706.371	19,423.173	20,263.798	16,223.790	13,391.712	10,081.694	8,305.888	132,995.188
	Net of Fuel: Clay Basin	0.000	0.000	0.000	0.000	0.000	0.000	6033.467	4531.455	2603.143	0.000	58.005	0.000	13,226.070
	Net of Fuel: Aquifer	0.000	0.000	0.000	0.000	0.000	0.000	0.000	51.215	44.166	949.547	0.000	0.000	1,044.928