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Performance Proven

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April 30, 2008

Tina Faust
Questar Gas Company
180 East 100 South
Salt Lake City, UT 84145-6360

Ms. Faust:

NewEnergy Associates & Ventyx
NewEnergy Associates has offered software products and consulting services which encompass planning, forecasting, operations, trading, and risk management for the energy industry. Headquartered in Atlanta, Georgia, NewEnergy has specialized in the development and support of integrated business applications for more than 32 years.

On August 31, 2007 NewEnergy was acquired by Ventyx. The combined company, with more than 1000 employees and 700 clients worldwide, serves electric and natural gas utilities, marketers and traders, energy retailers, power generators, and transmission companies, as well as state and federal governments.

SENDOUT
SENDOUT is the standard in gas planning software, and is accepted as such by many regulatory bodies in North America. It has been continually developed and updated over the past 22 years. It is currently used on behalf of more than 100 gas utilities, gas marketers, electric generators, and capacity managers in the USA and Canada.

Gas Planning Software Market
SENDOUT's largest competitor is the homegrown system based on Excel spreadsheets. There are few other competitors in North America for SENDOUT, which enjoys a dominant share of the gas planning software market. There are very few gas utilities of any substantial size that do not use SENDOUT.

By any measure, SENDOUT is the most reliable tool for the natural gas supply planning process. It should remain as such for the foreseeable future, as upgrades are not only being made right now, but the planned future improvements should keep SENDOUT ahead of the game for many years.

Questar & SENDOUT
Questar is committed to the gas supply planning process and has been for a number of years. Questar has been a SENDOUT client since 1992. As an active SENDOUT client, Questar receives version upgrades regularly, as well as training and consulting services from NewEnergy.

Questar is using the latest version of SENDOUT - Version 12.1.1 - which includes the latest in Monte Carlo analysis. On January 14-16, 2008 several people at Questar

received three days of training in the proper use of SENDOUT, including the Monte Carlo functionality.

During this training session we used Questar's latest data. Using a client's own data in training allows users to be more comfortable during the learning process. It also provides an opportunity for NewEnergy to evaluate the general condition of the data, as well as answer any questions that users may have regarding proper modeling techniques.

Constraints in SENDOUT

Constraints are an integral and necessary part of the Linear Programming (LP) method. The function of the LP in SENDOUT is to find the minimum cost decision based on given requirements and limitations. Constraints are limits on different aspects of the physical movement of gas, facilities and contracts. For example, a constraint would be the maximum capacity of a storage reservoir. In that sense the constraint cannot be removed because a reservoir of infinite size does not exist. In the same sense transportation capacity is a constraint. Without constraints the LP fails to return a solution let alone an optimal solution. Constraints don't need to be thought of as negative -- rather they are necessary to optimize a real world problem.

In SENDOUT it is possible to include an excessive number of constraints in the model. I have seen this on several occasions and have attempted to guide those users away from this course of action. During this three day training session I had ample opportunity to evaluate Questar's data. It is my opinion that Questar was using SENDOUT reasonably, and I saw no evidence that the Questar model was unduly constrained.

Questar's SENDOUT Model

Questar's system is one of the more complex systems currently being modeled in SENDOUT. Company owned production is a relatively unusual item in the SENDOUT world. Only a few companies model any company production at all, let alone the very large volume that Questar models. The 21 year time horizon also adds to the model's complexity. Only a handful of SENDOUT models go beyond ten years.

I hope this letter summarizes the information that you need. Please let me know if you need anything additional.

Regards,

Jeff Baker
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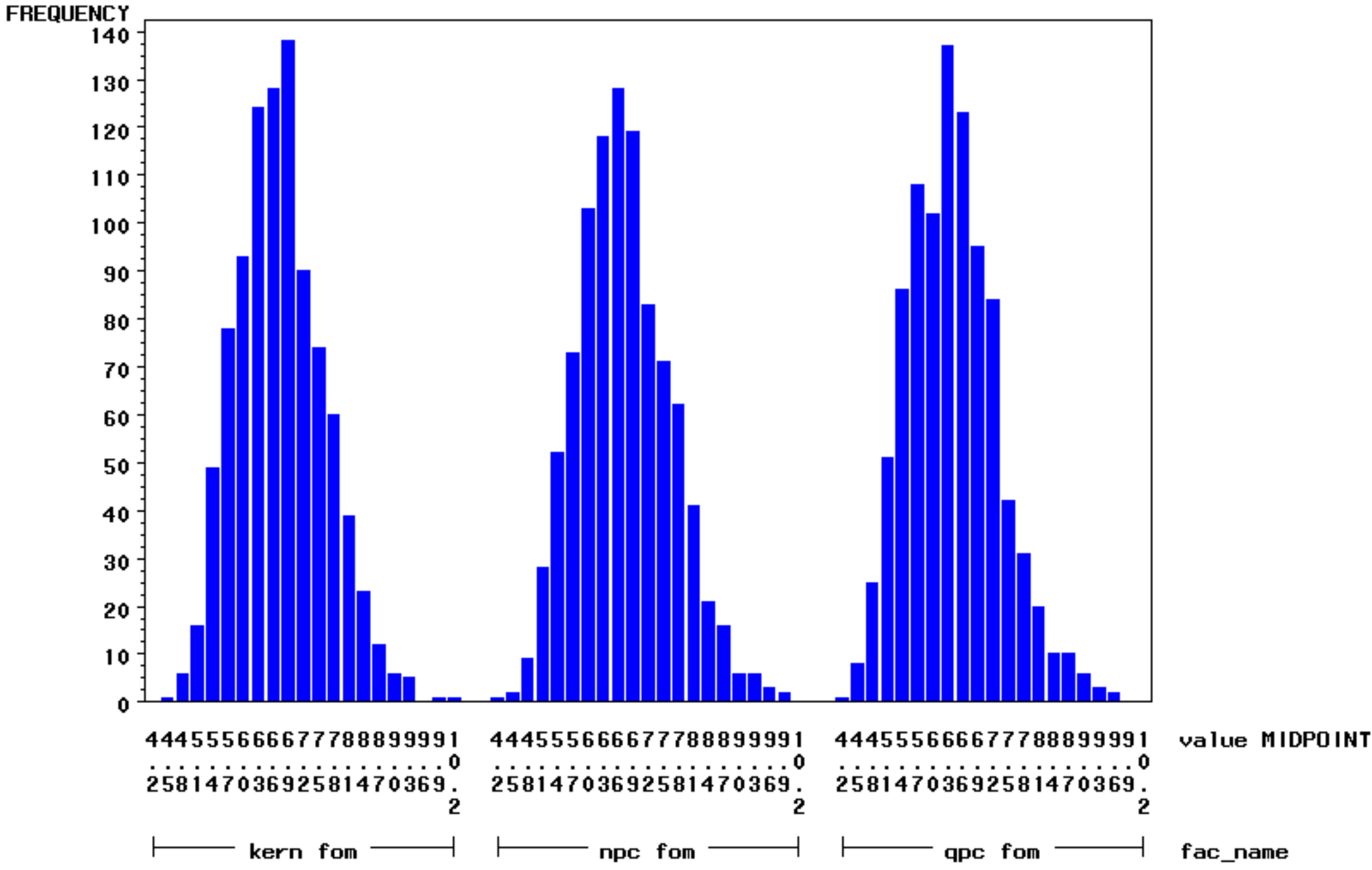
Atlanta, GA 30339
770-779-2806
jeff.baker@ventyx.com

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=5



Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=6

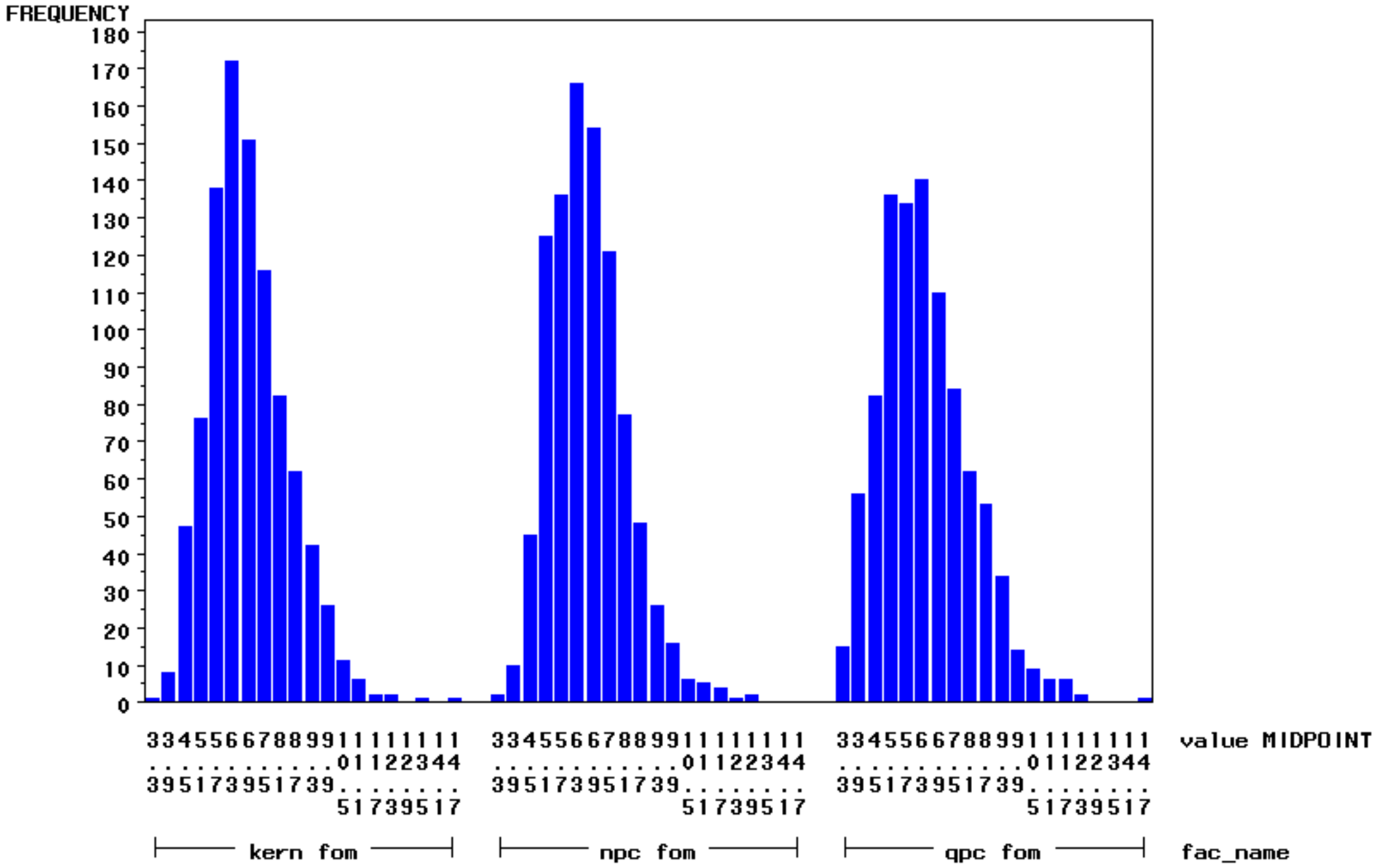


Exhibit 9.4

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=7

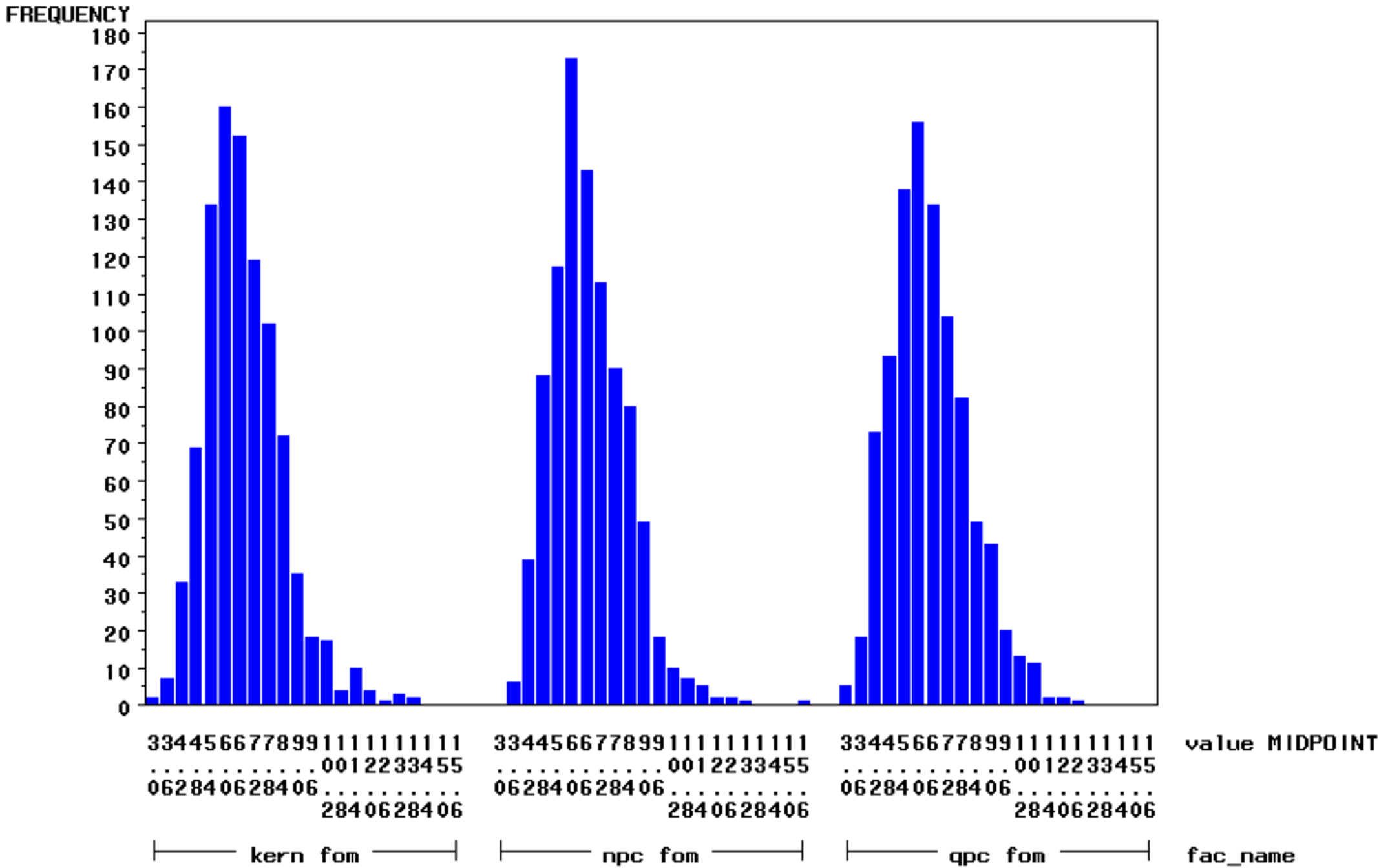
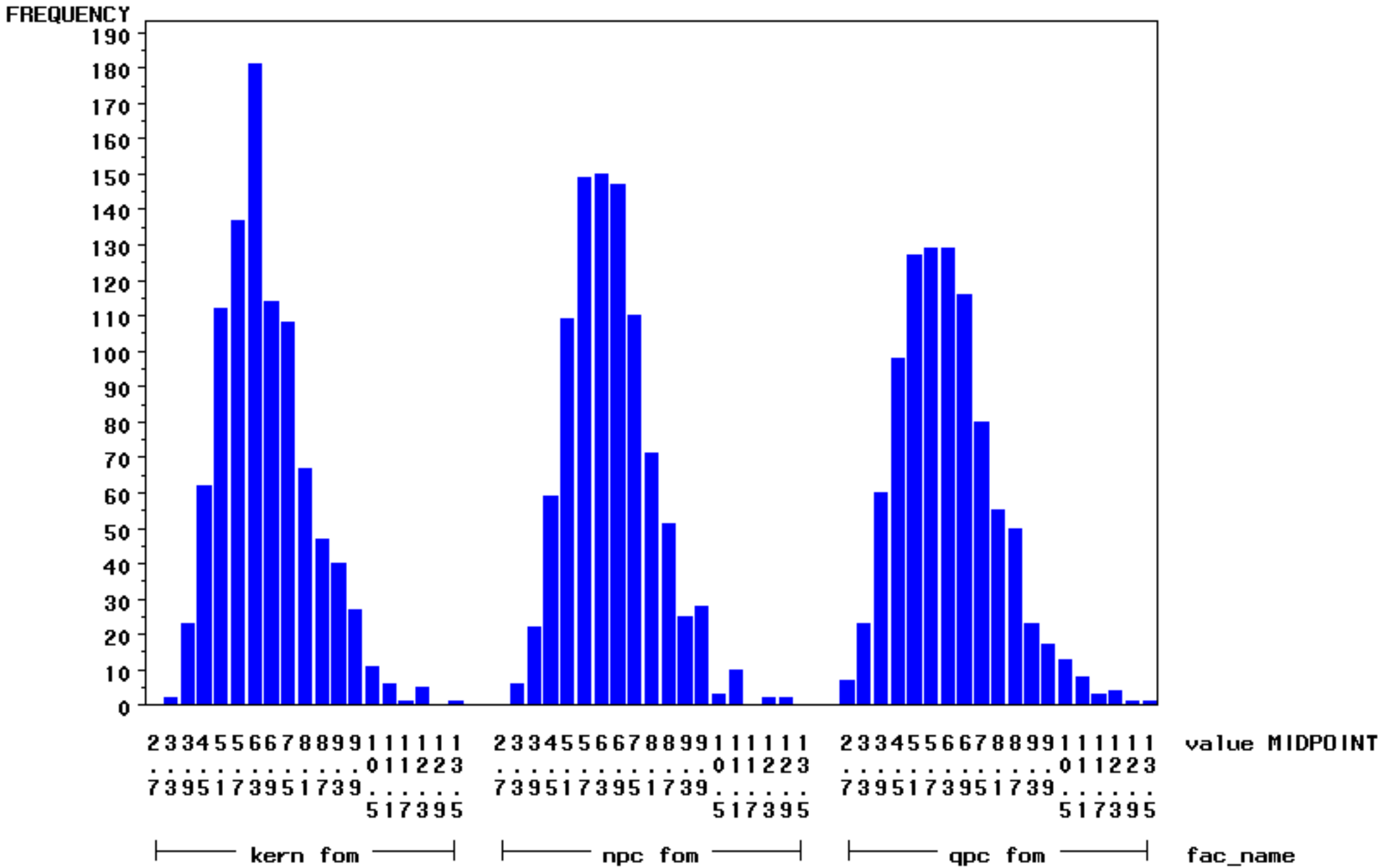


Exhibit 9.5

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=8



Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=9

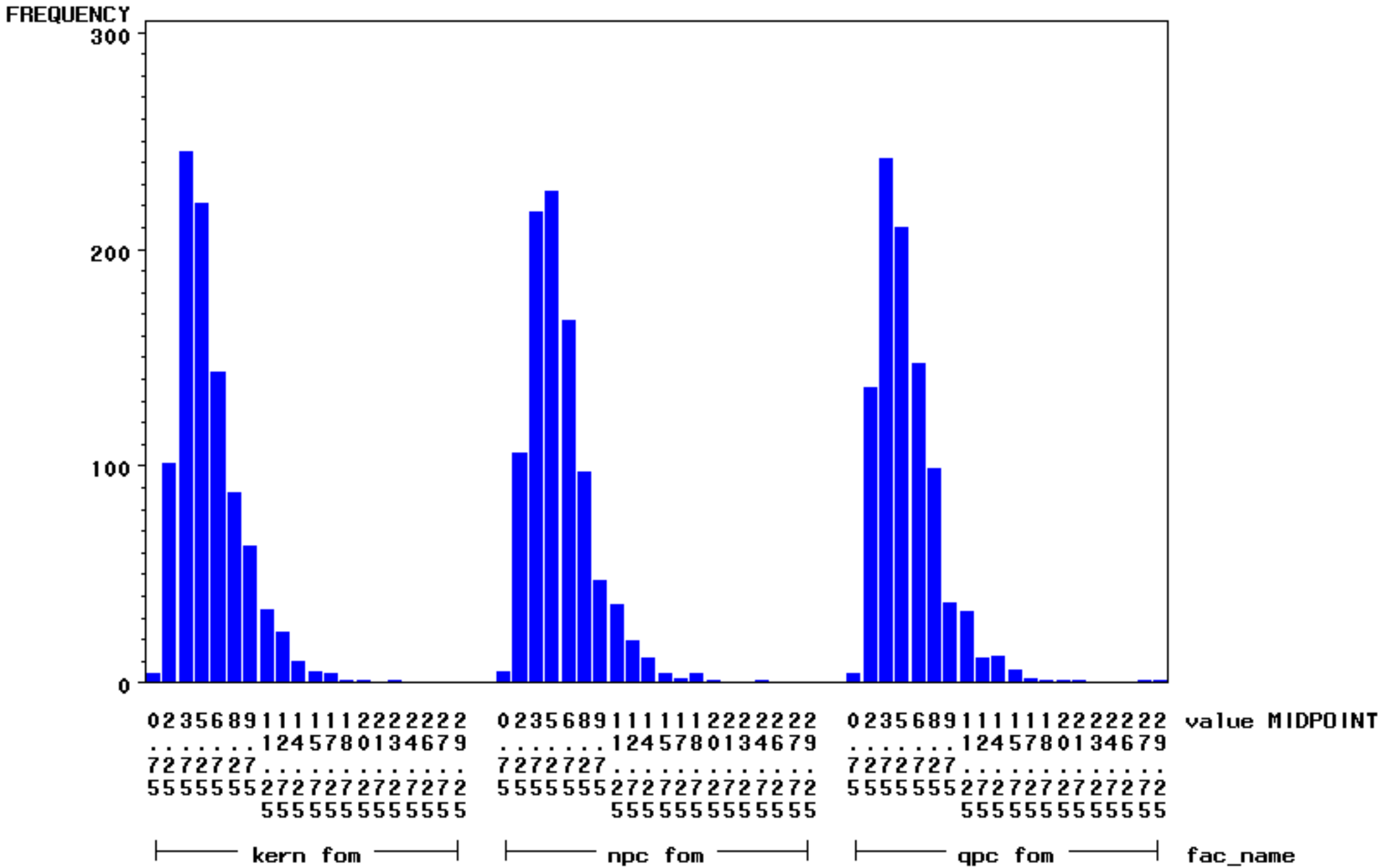


Exhibit 9.7

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=10

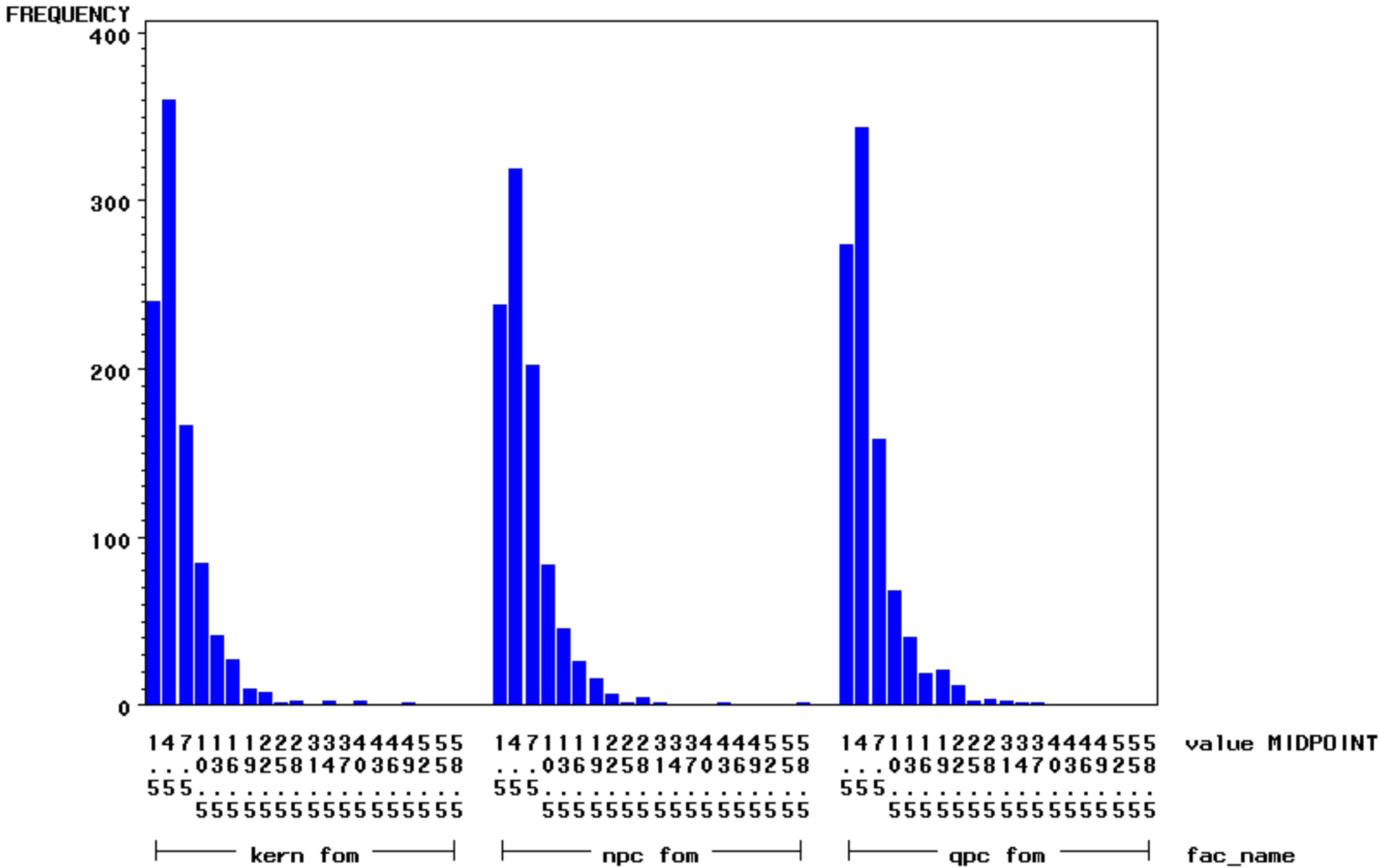


Exhibit 9.8

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=11

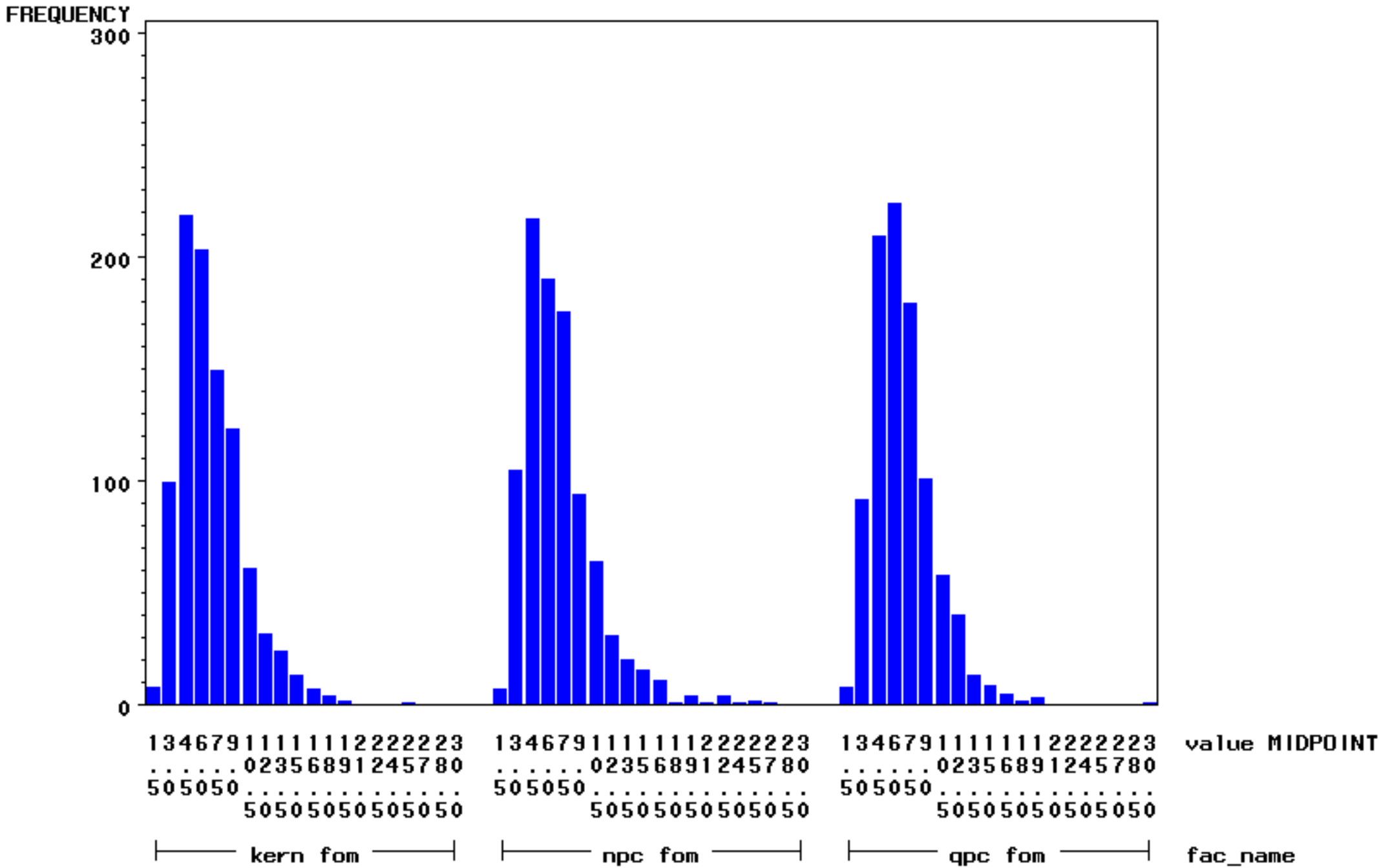


Exhibit 9.9

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=12

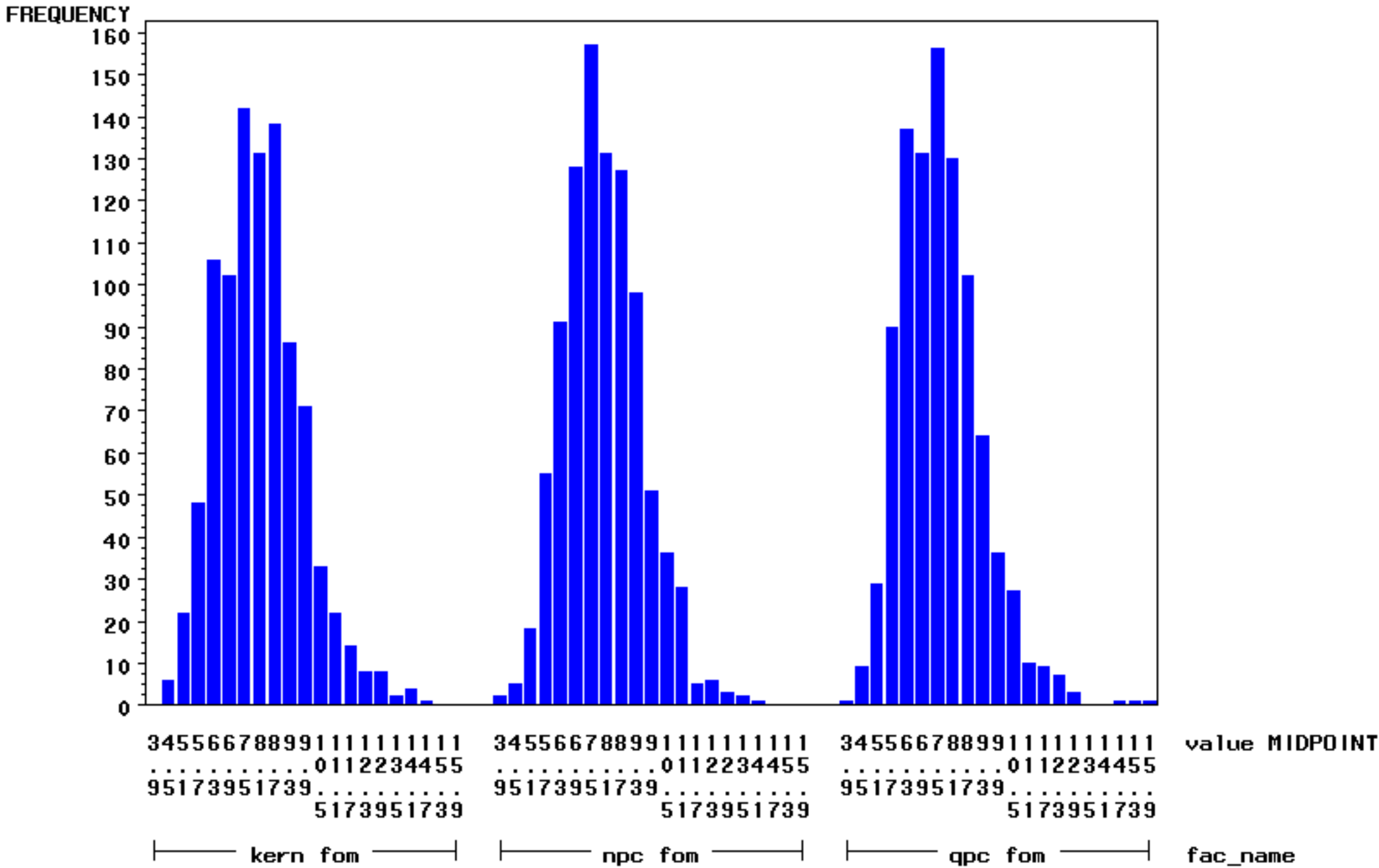


Exhibit 9.10

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2009 month=1

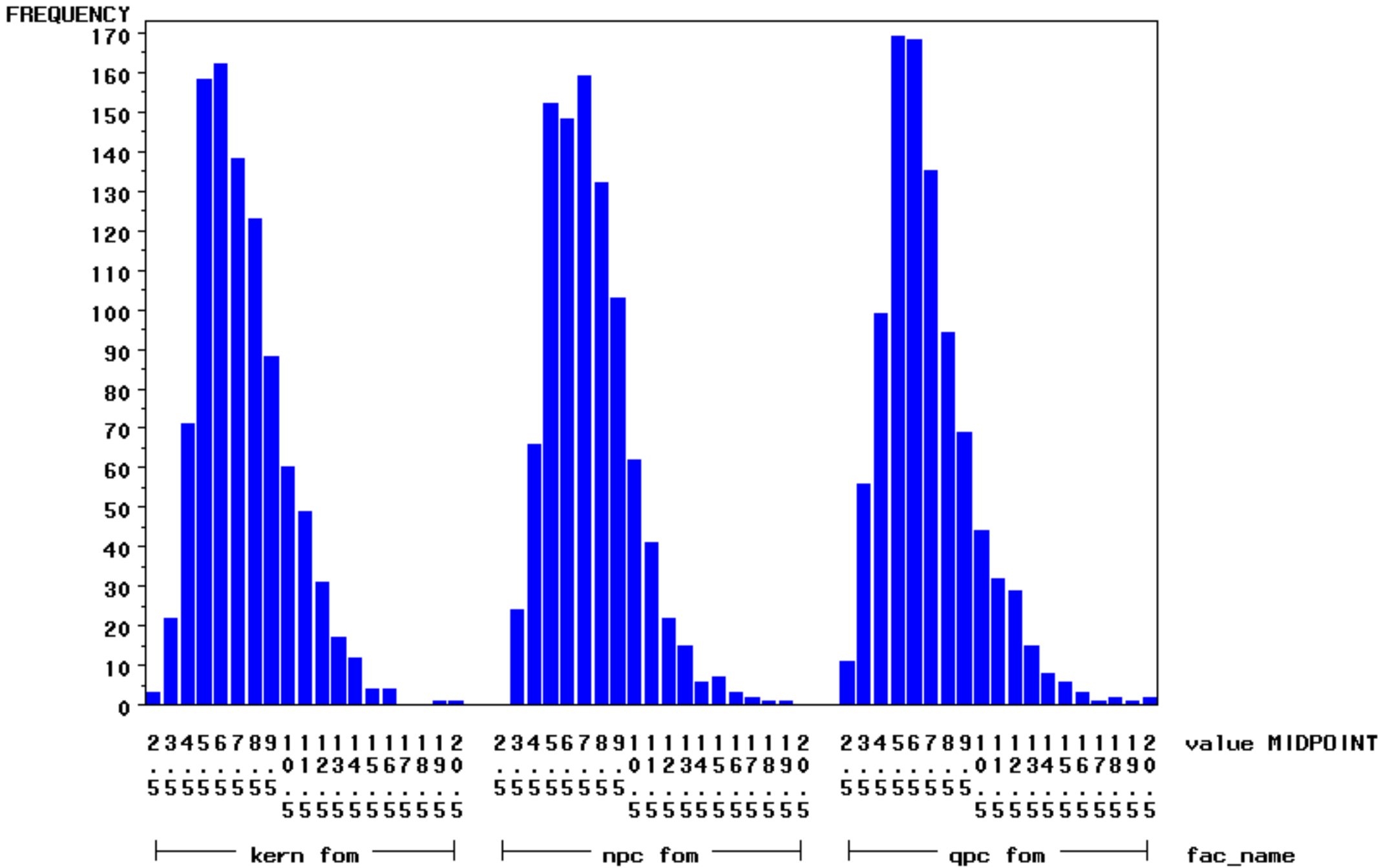


Exhibit 9.11

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
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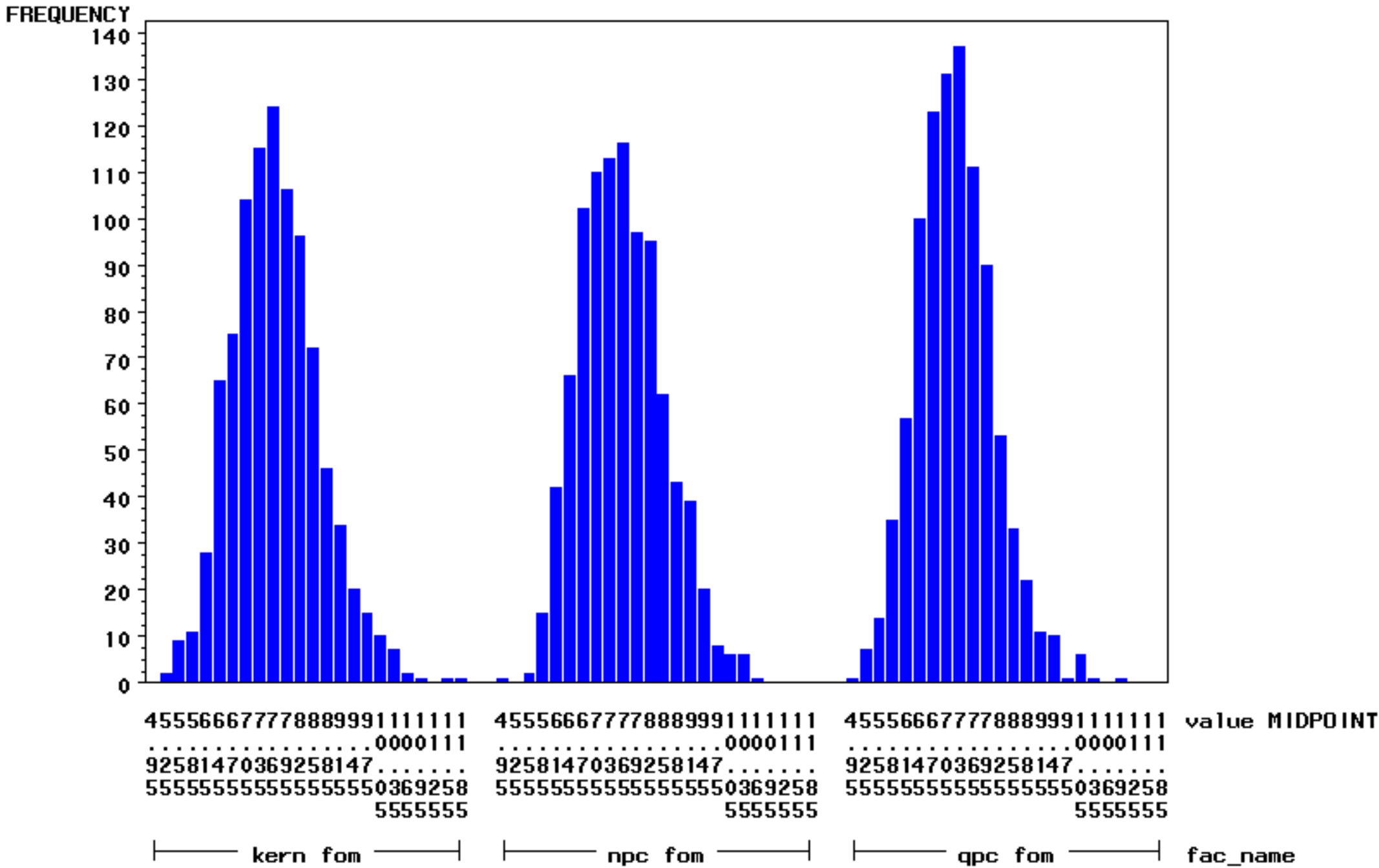

Exhibit 9.12

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
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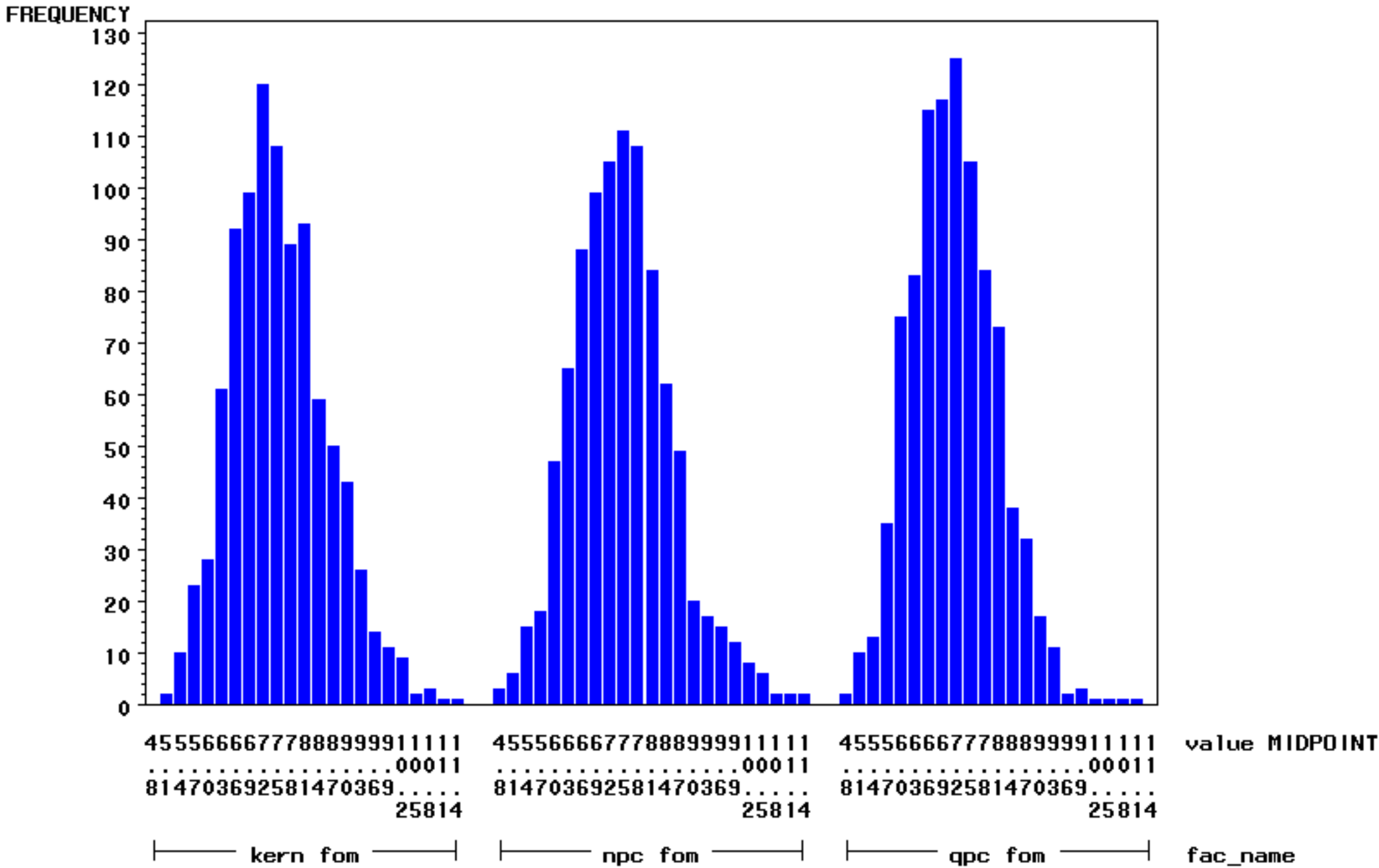

Exhibit 9.13

Monthly FOM Index Price Distribution

2008 Plan Year
Scenario 1021
year=2009 month=4

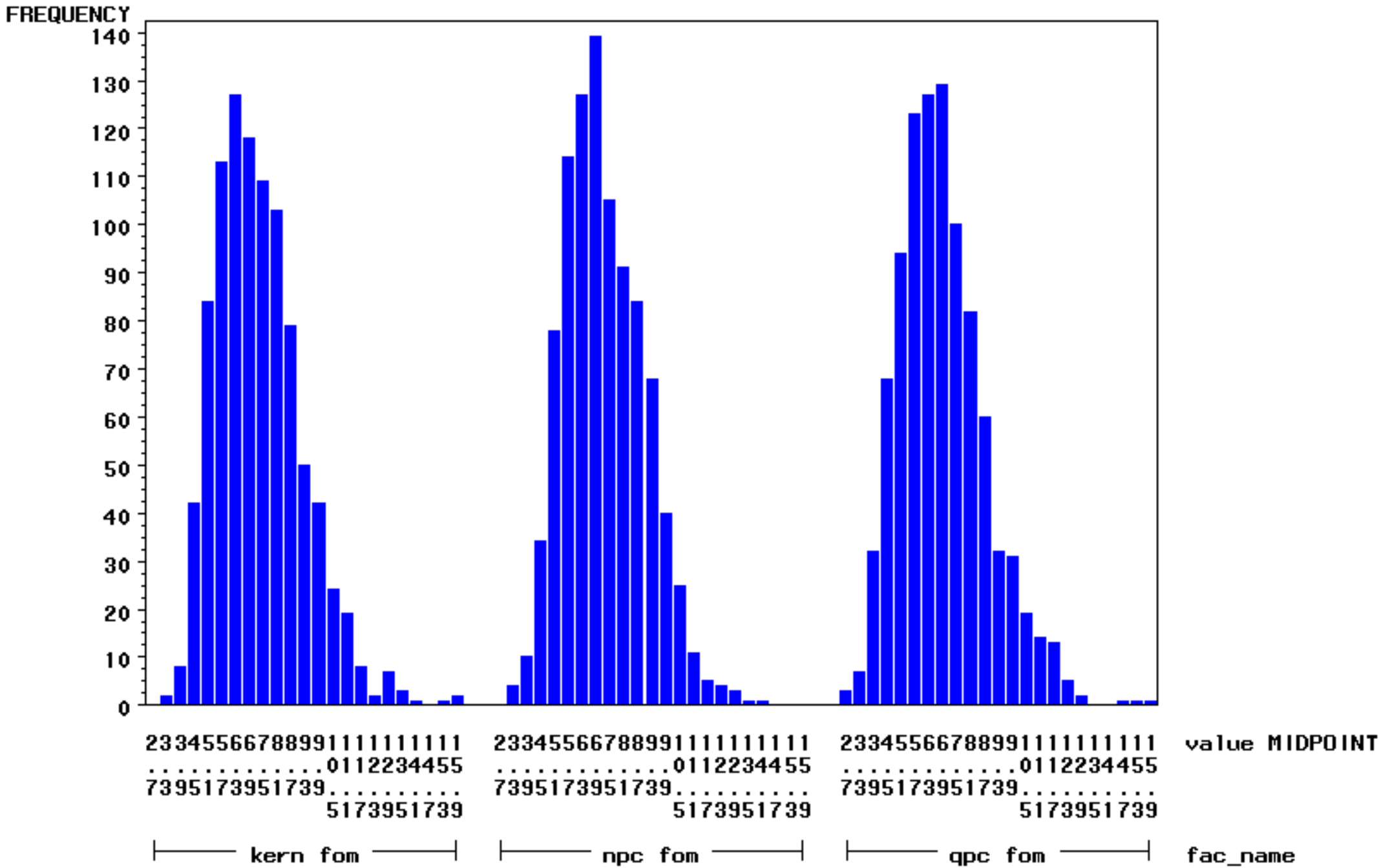

Exhibit 9.14

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=5

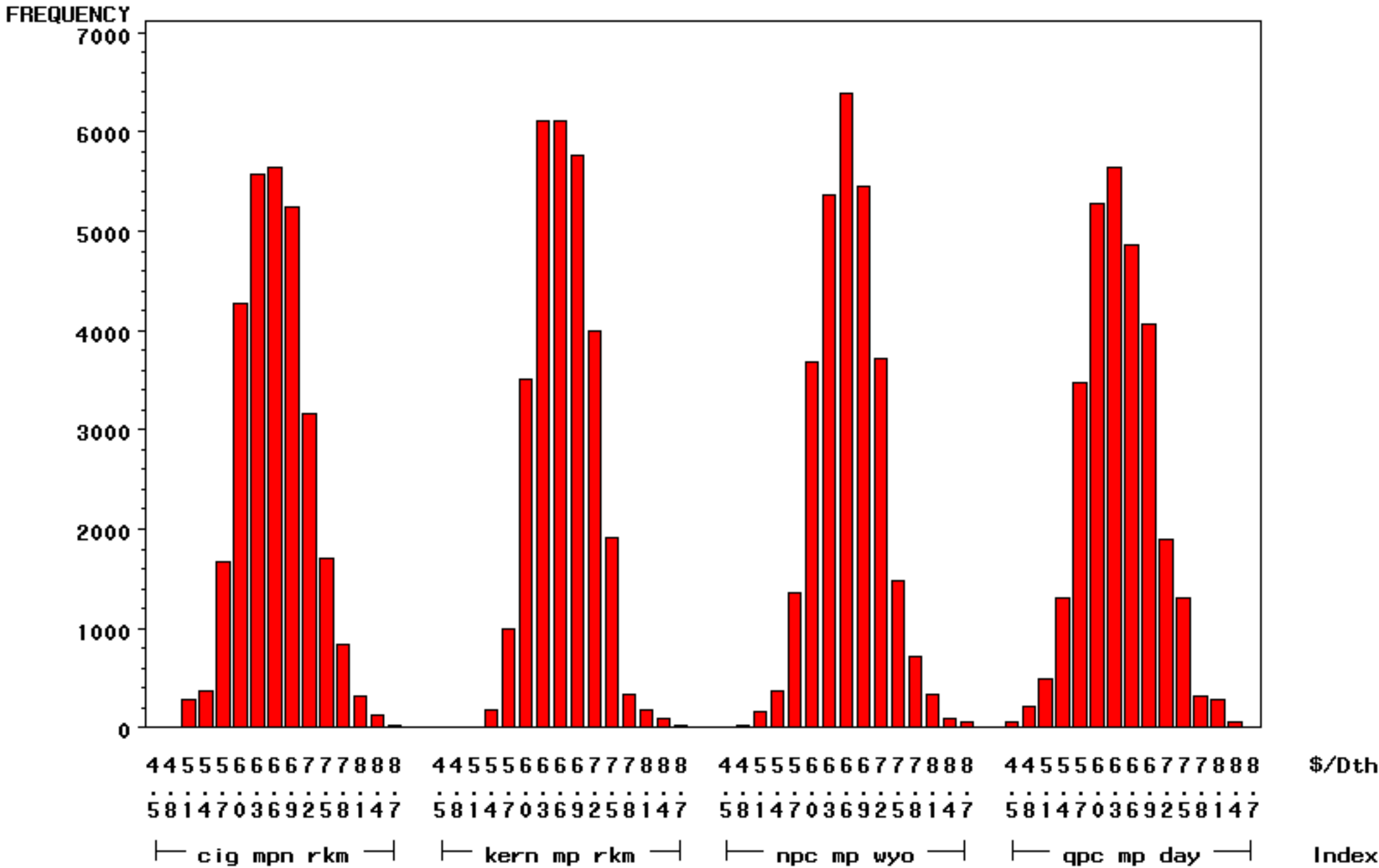

Exhibit 9.15

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=6

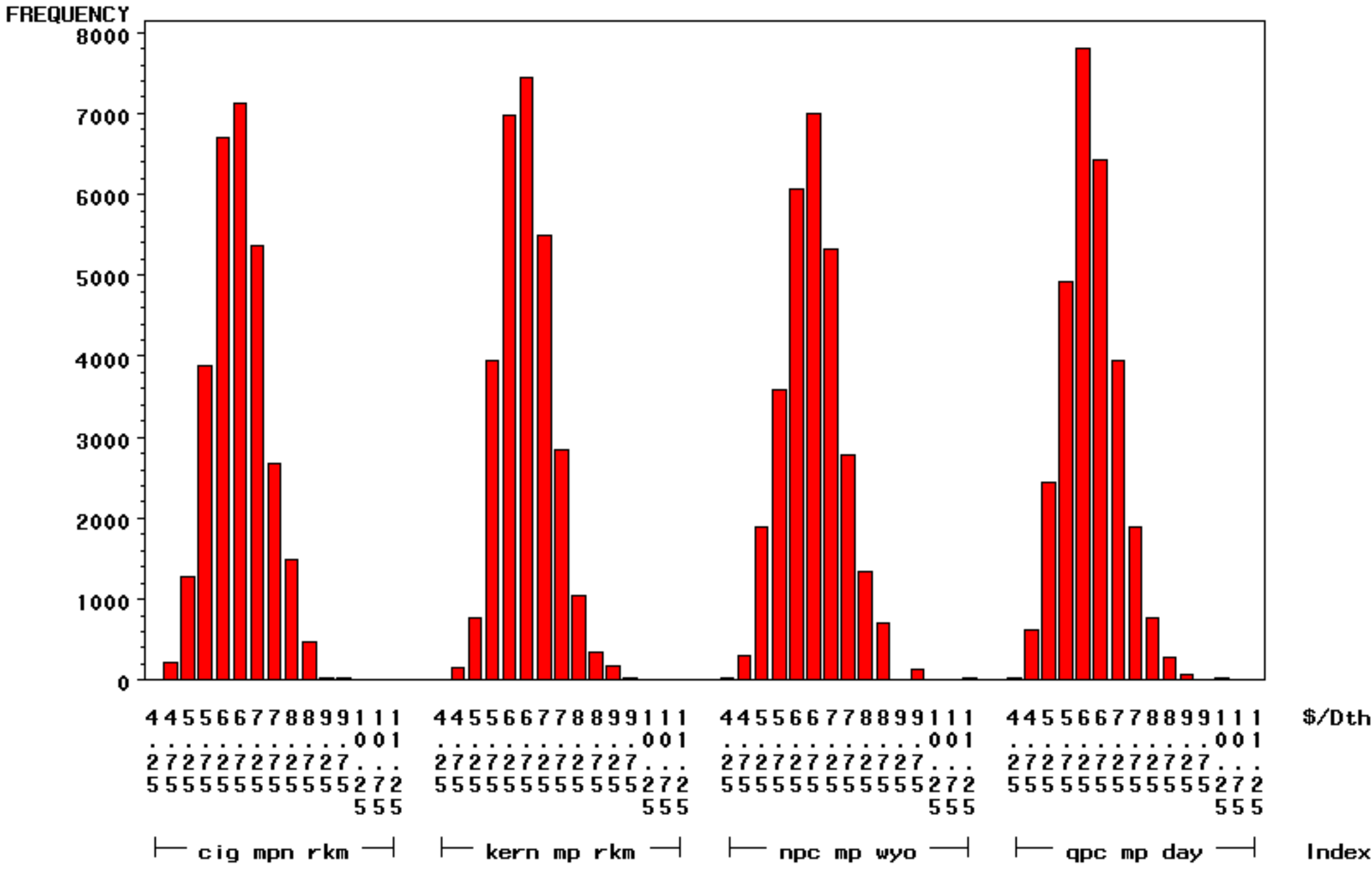

Exhibit 9.16

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=7

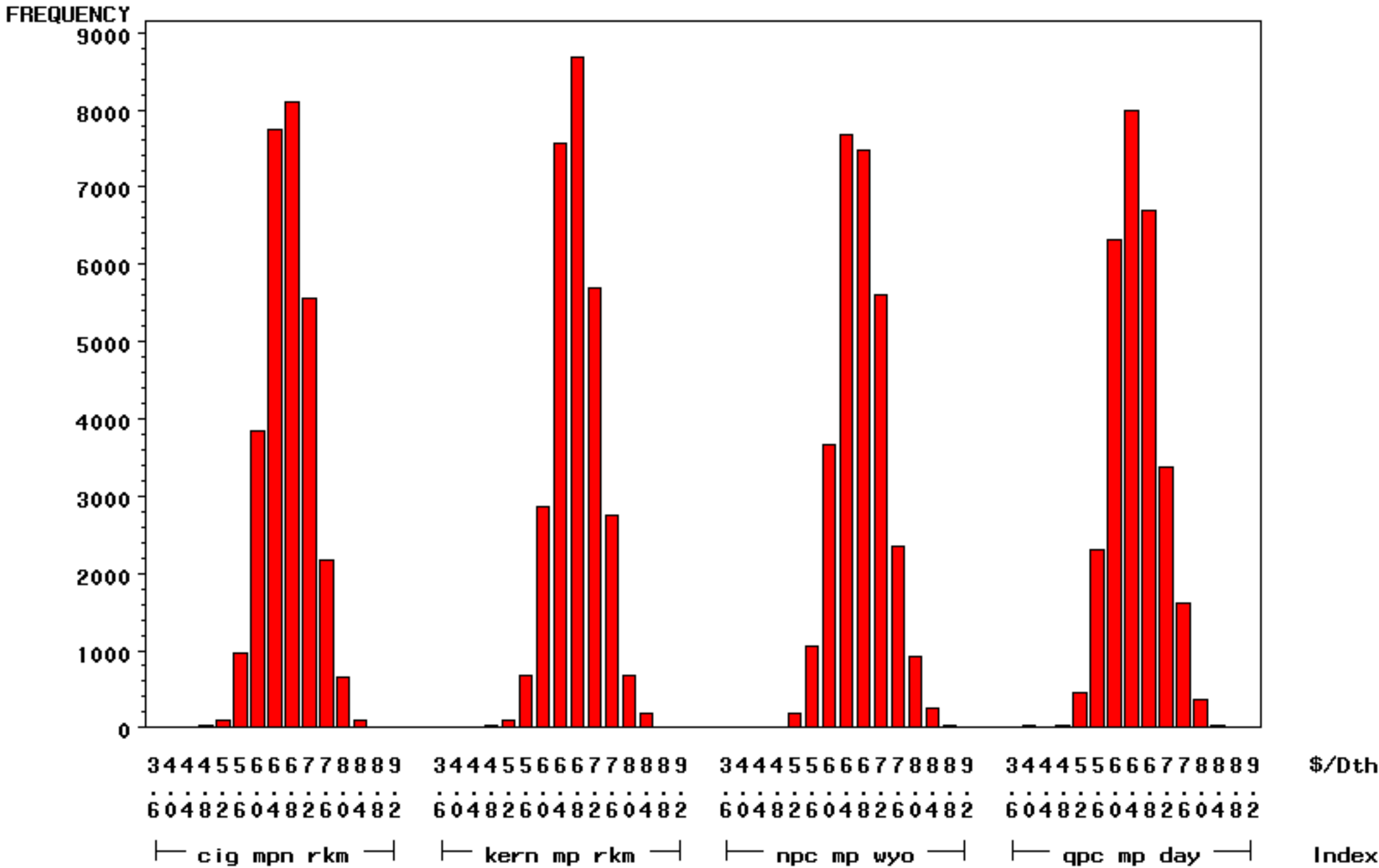

Exhibit 9.17

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=8

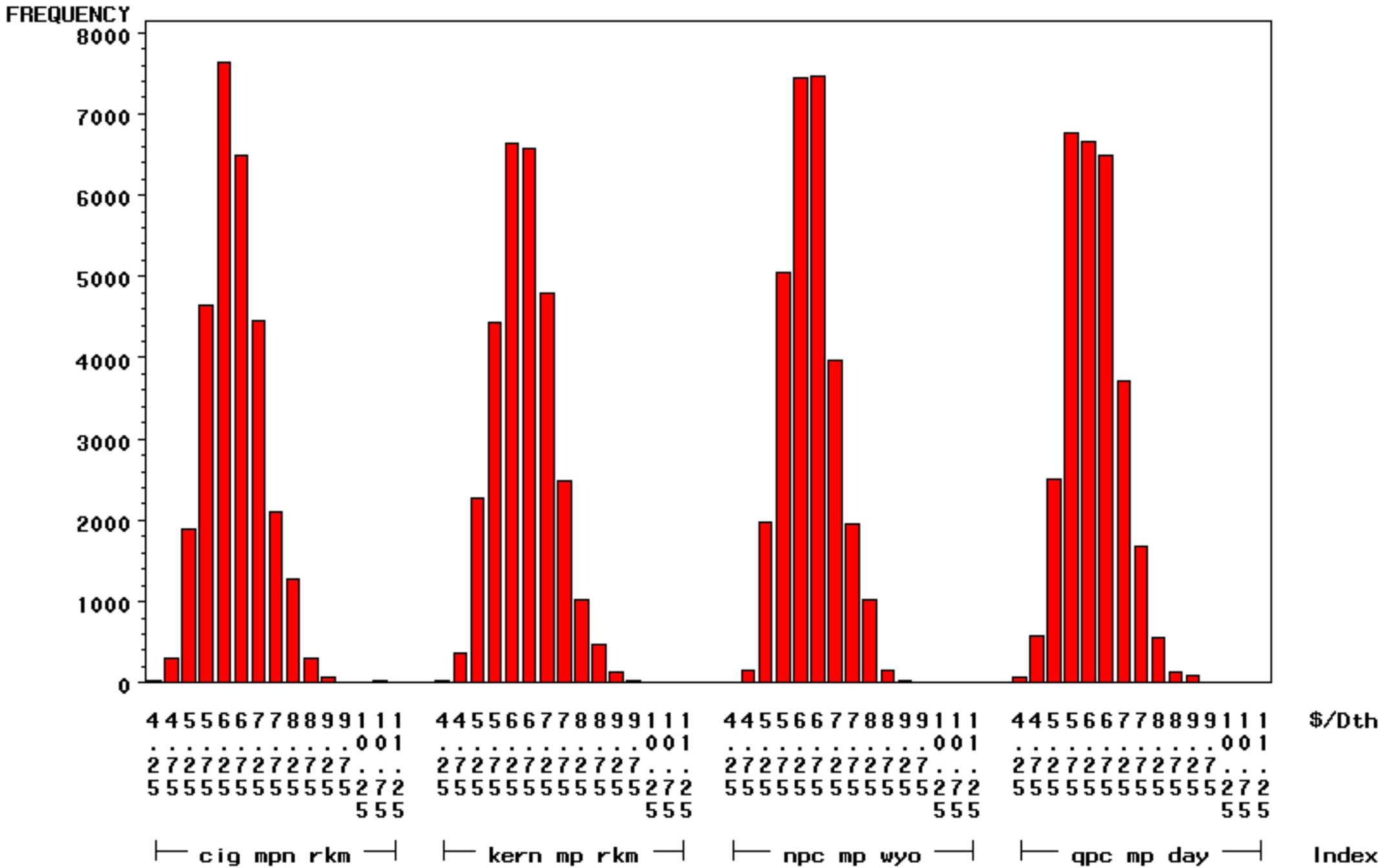

Exhibit 9.18

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=9

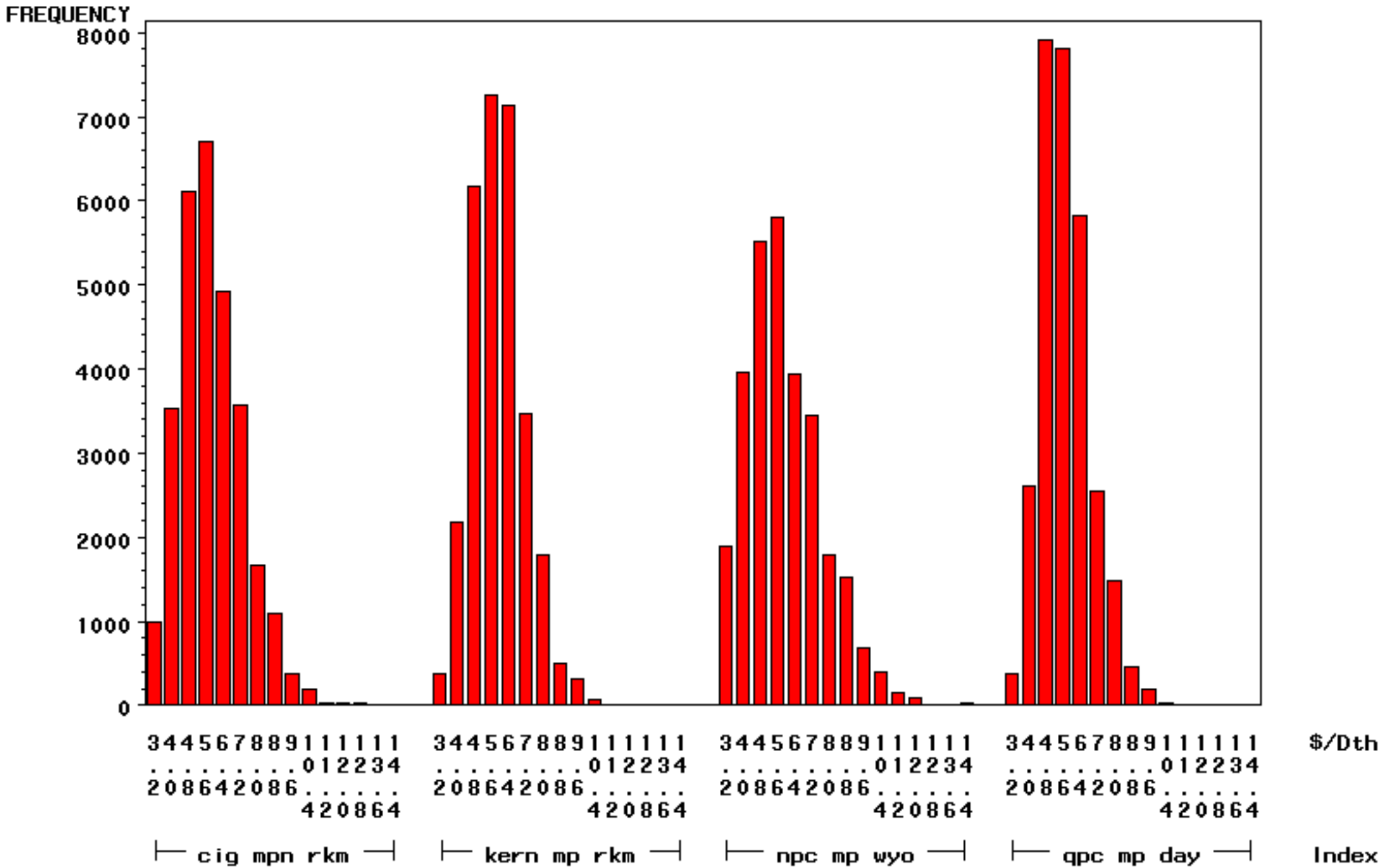

Exhibit 9.19

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=10

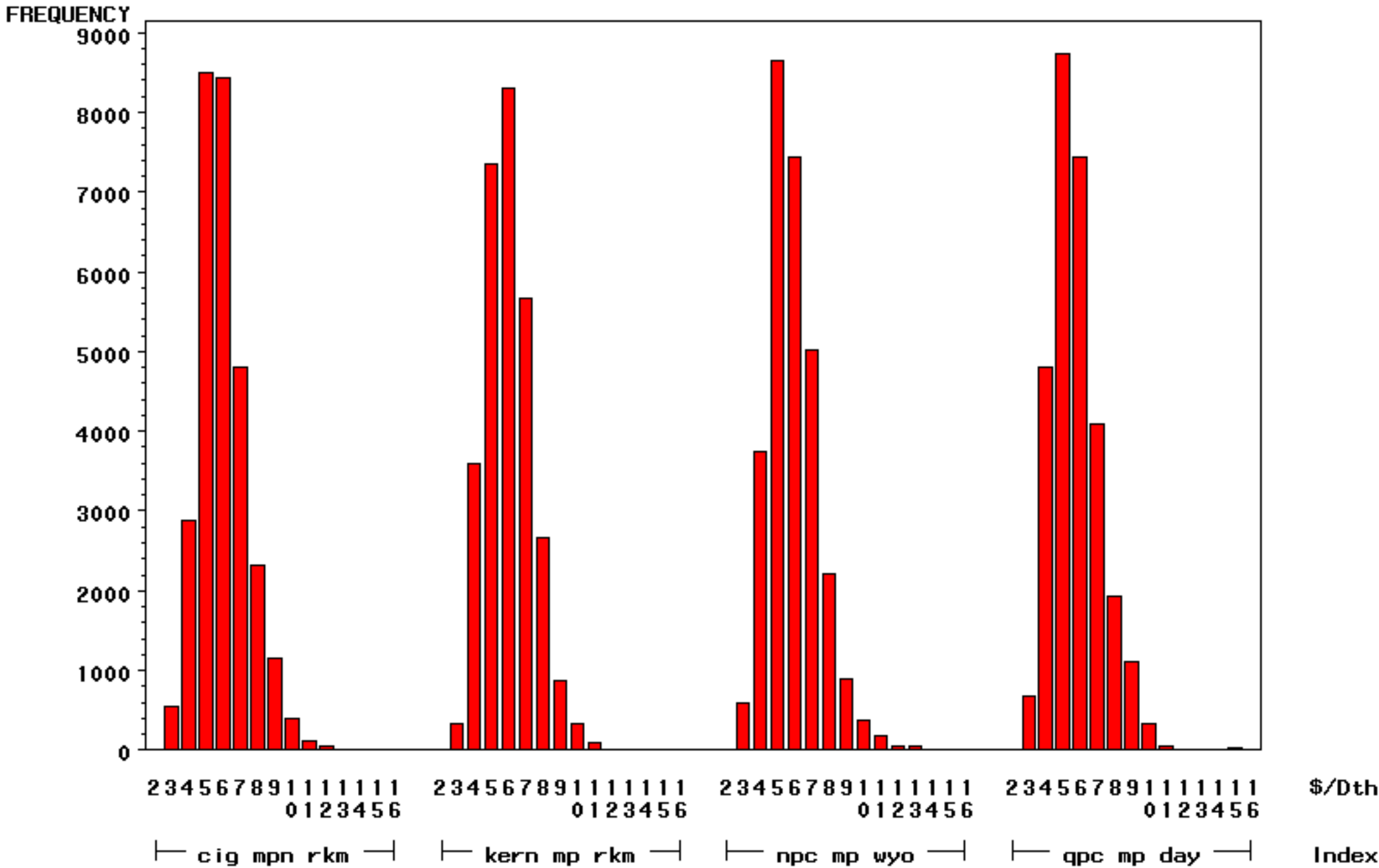

Exhibit 9.20

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=11

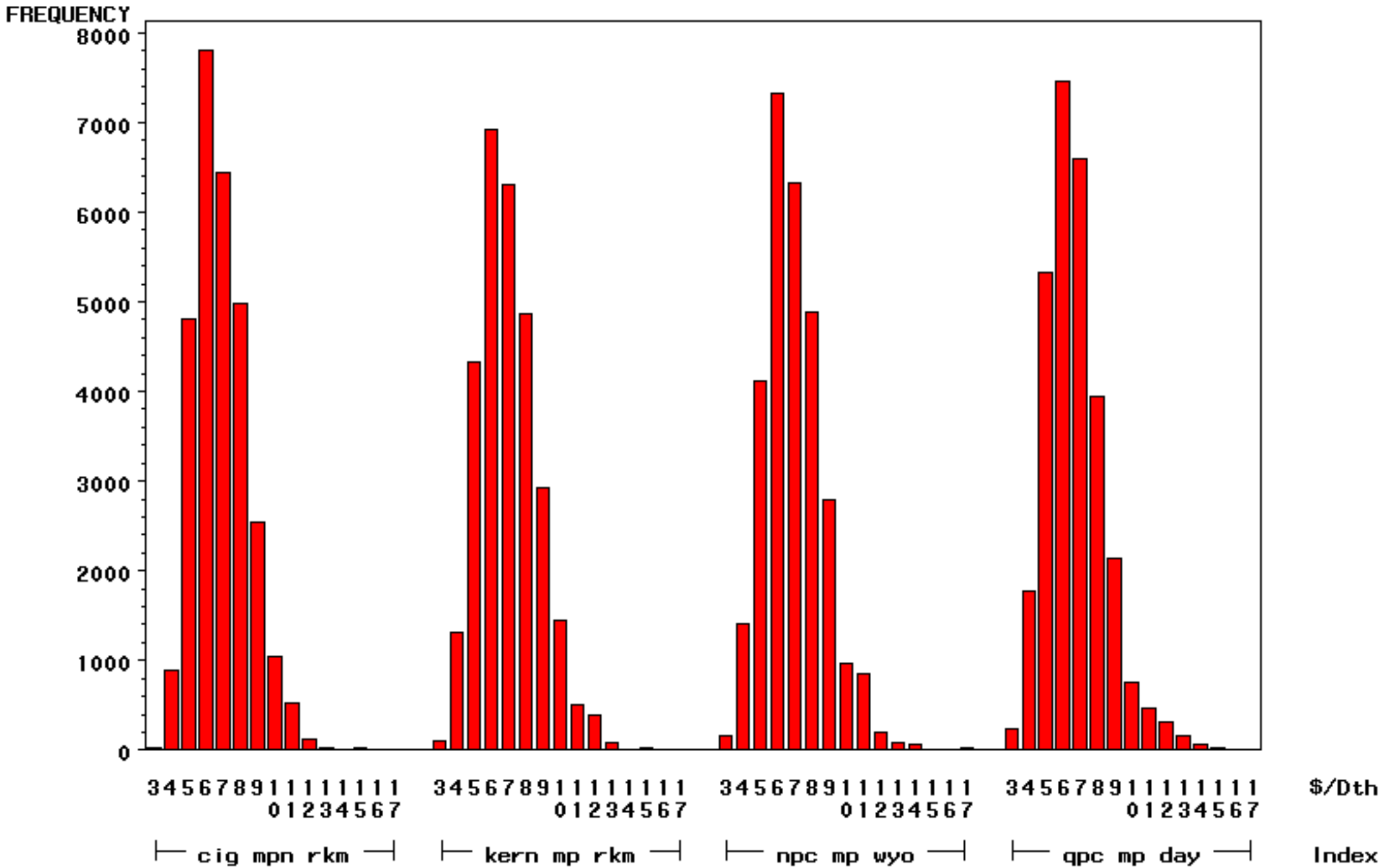

Exhibit 9.21

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2008 month=12

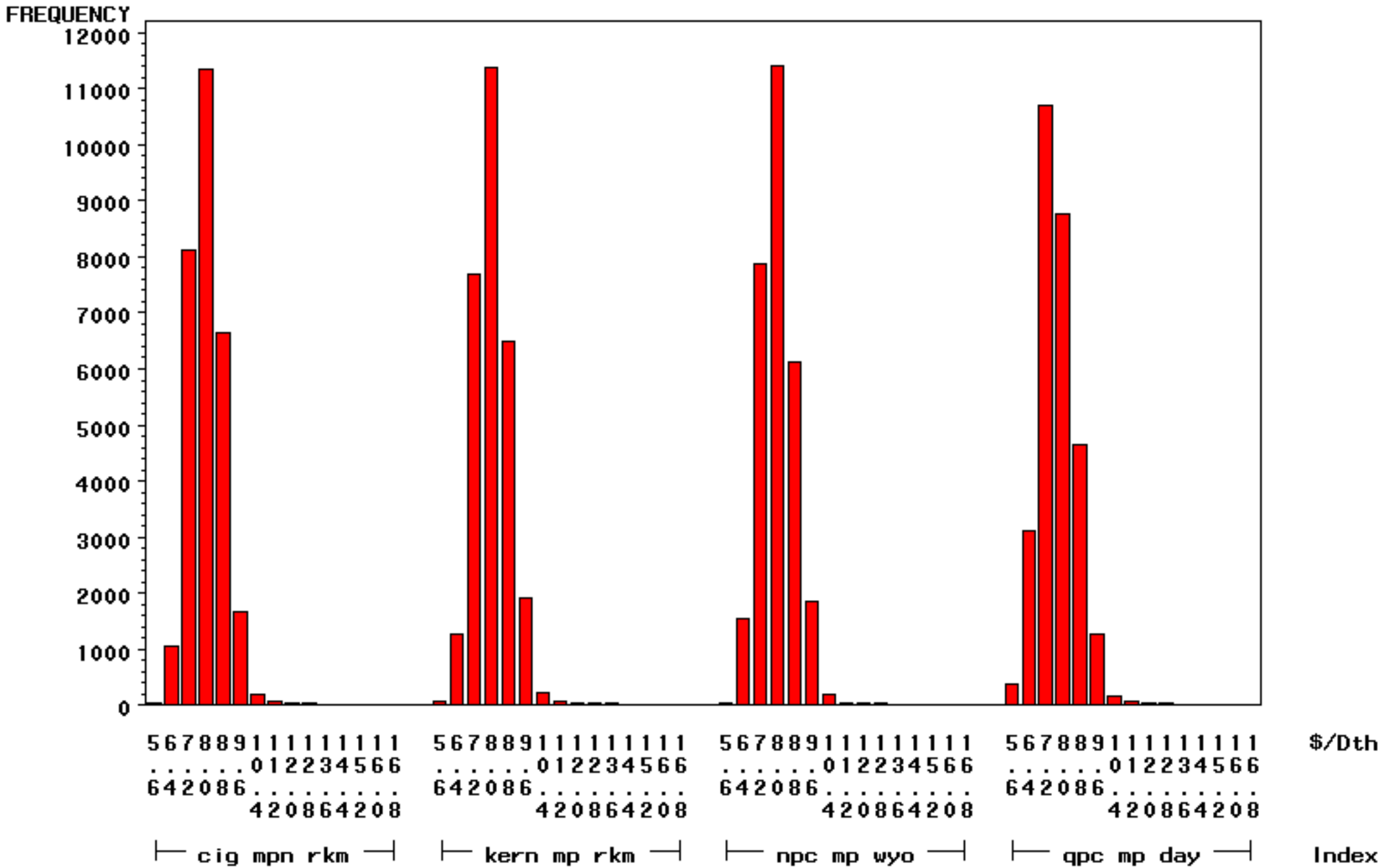

Exhibit 9.22

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2009 month=1

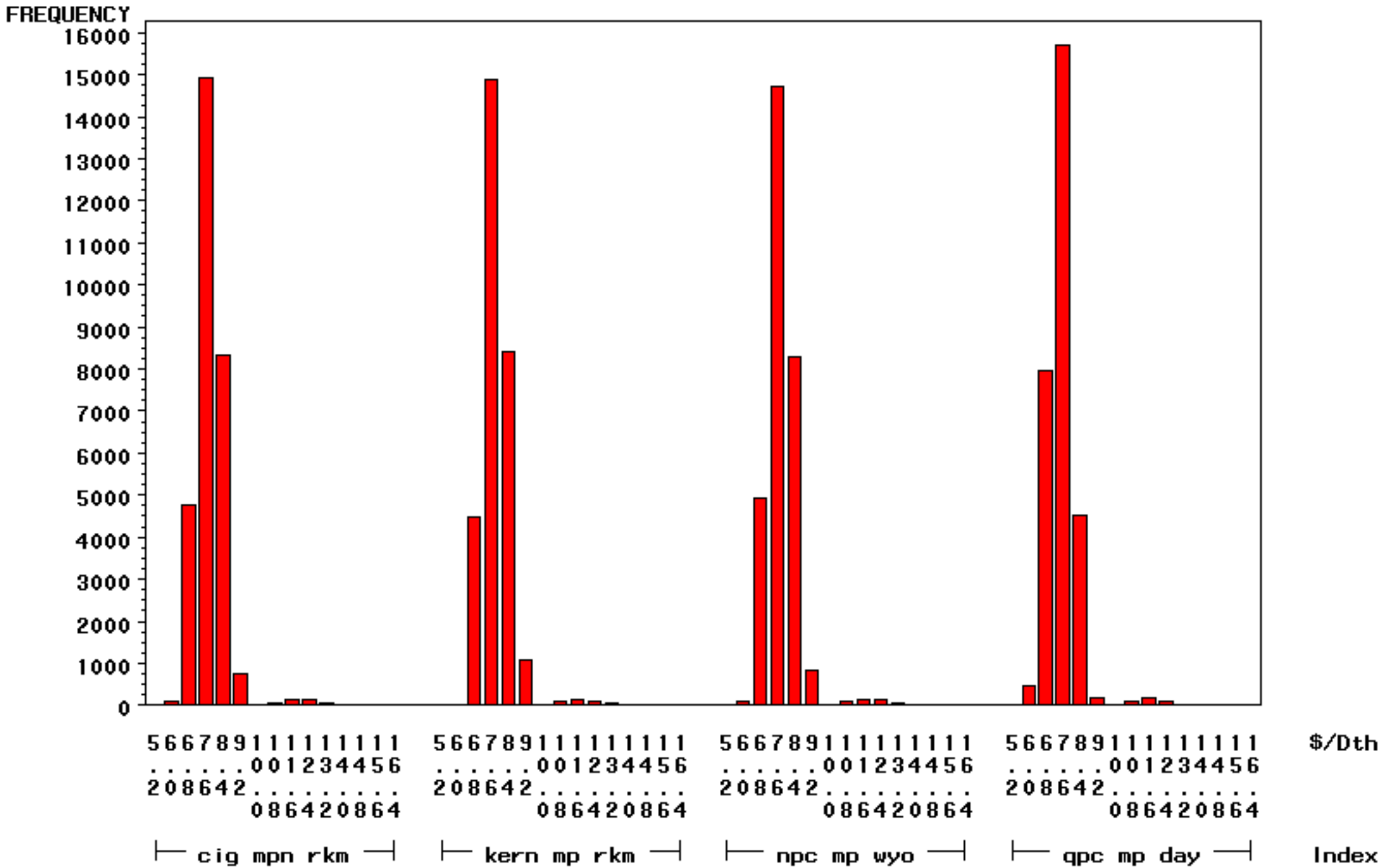

Exhibit 9.23

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2009 month=2

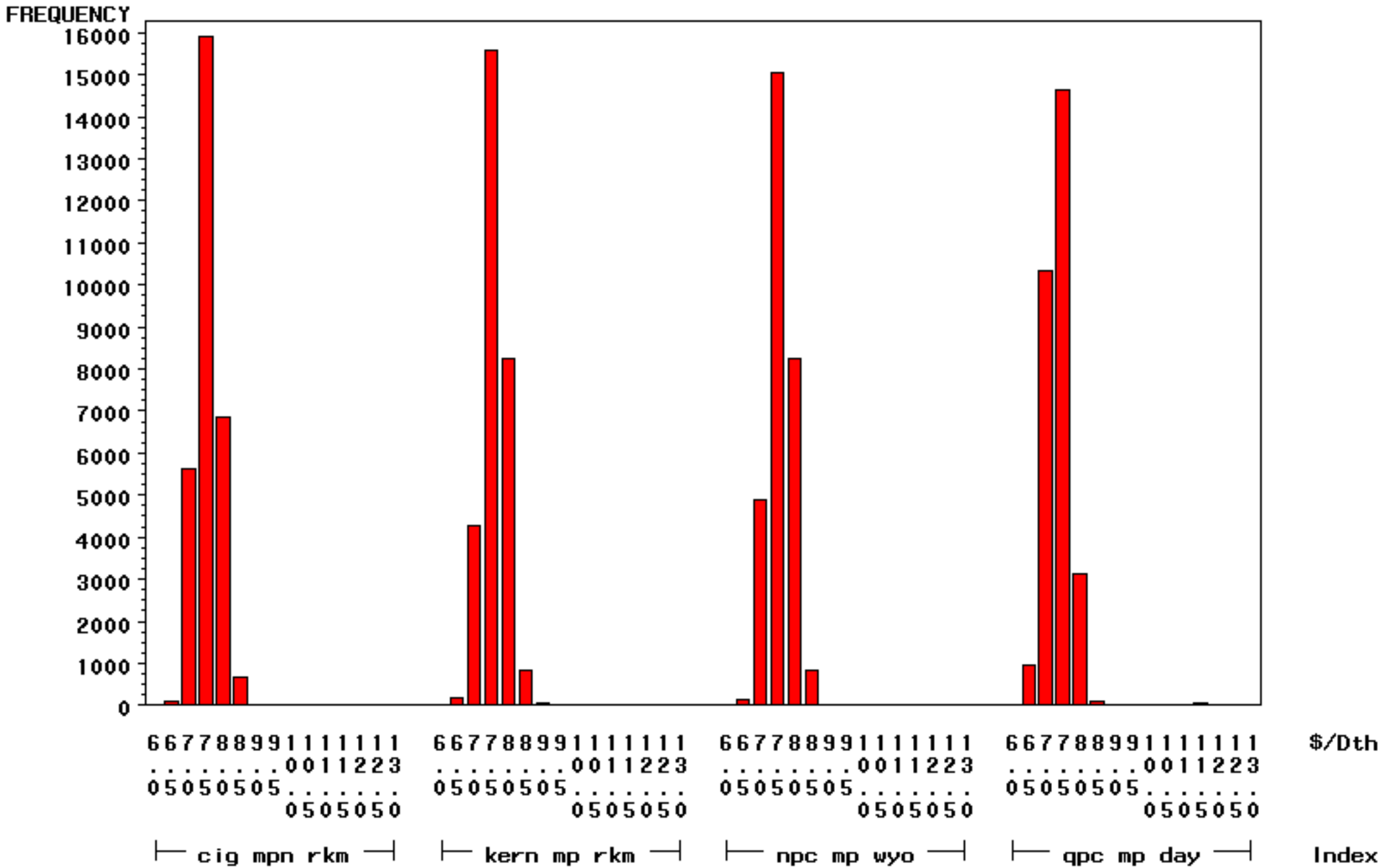

Exhibit 9.24

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2009 month=3

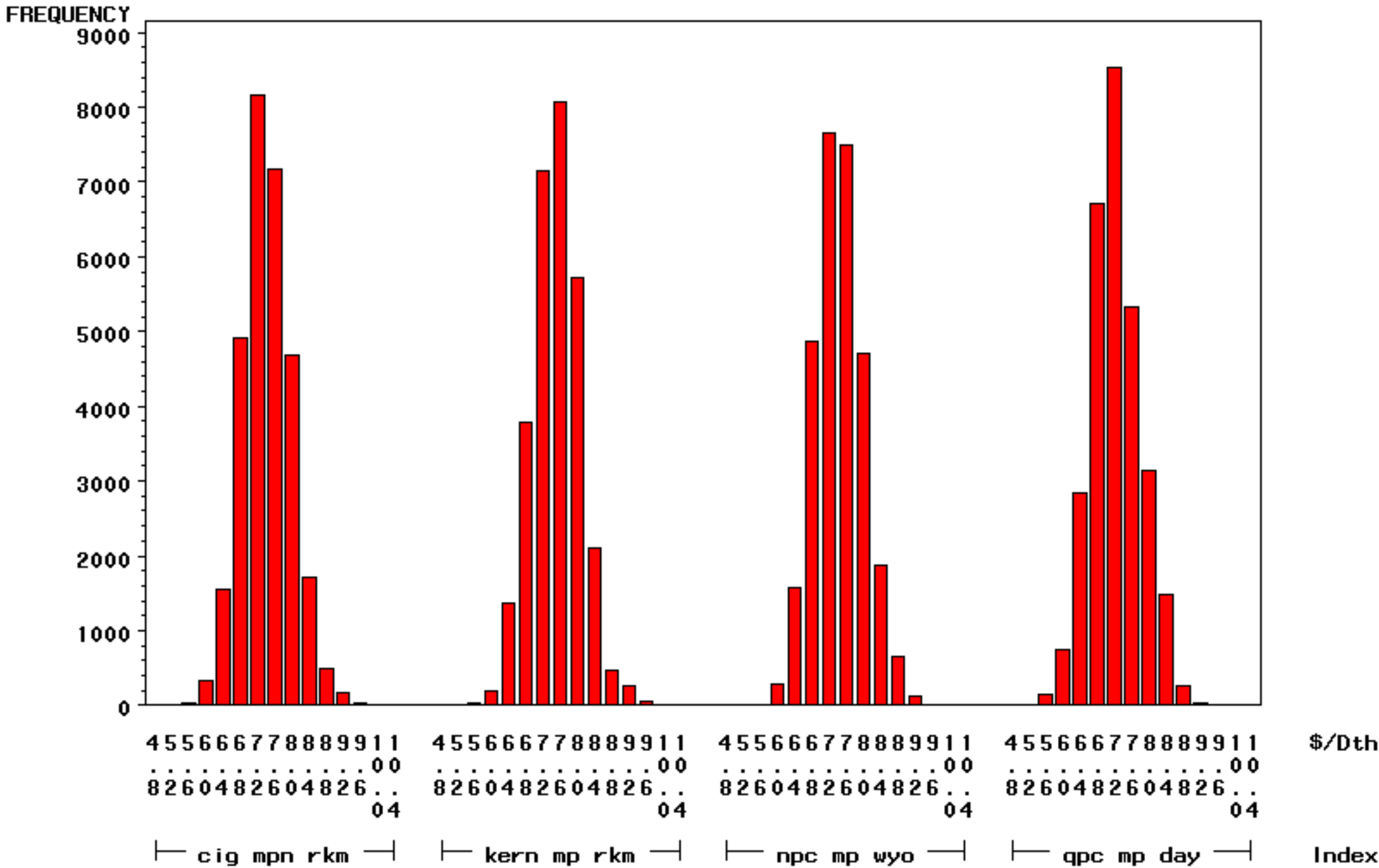

Exhibit 9.25

Daily Index Price Distribution

2008 Plan Year
Scenario 1021
year=2009 month=4

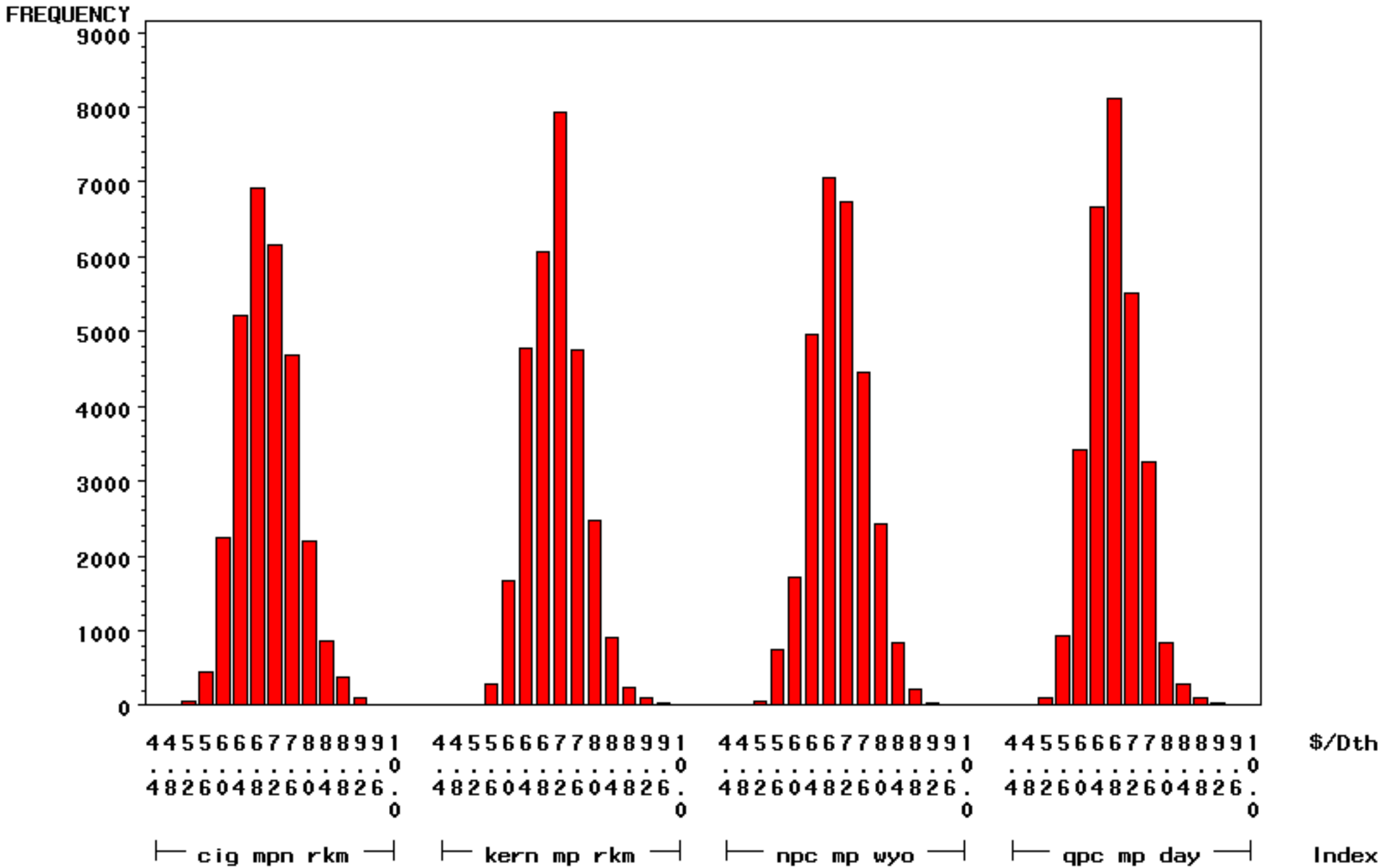

Exhibit 9.26

Annual Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)

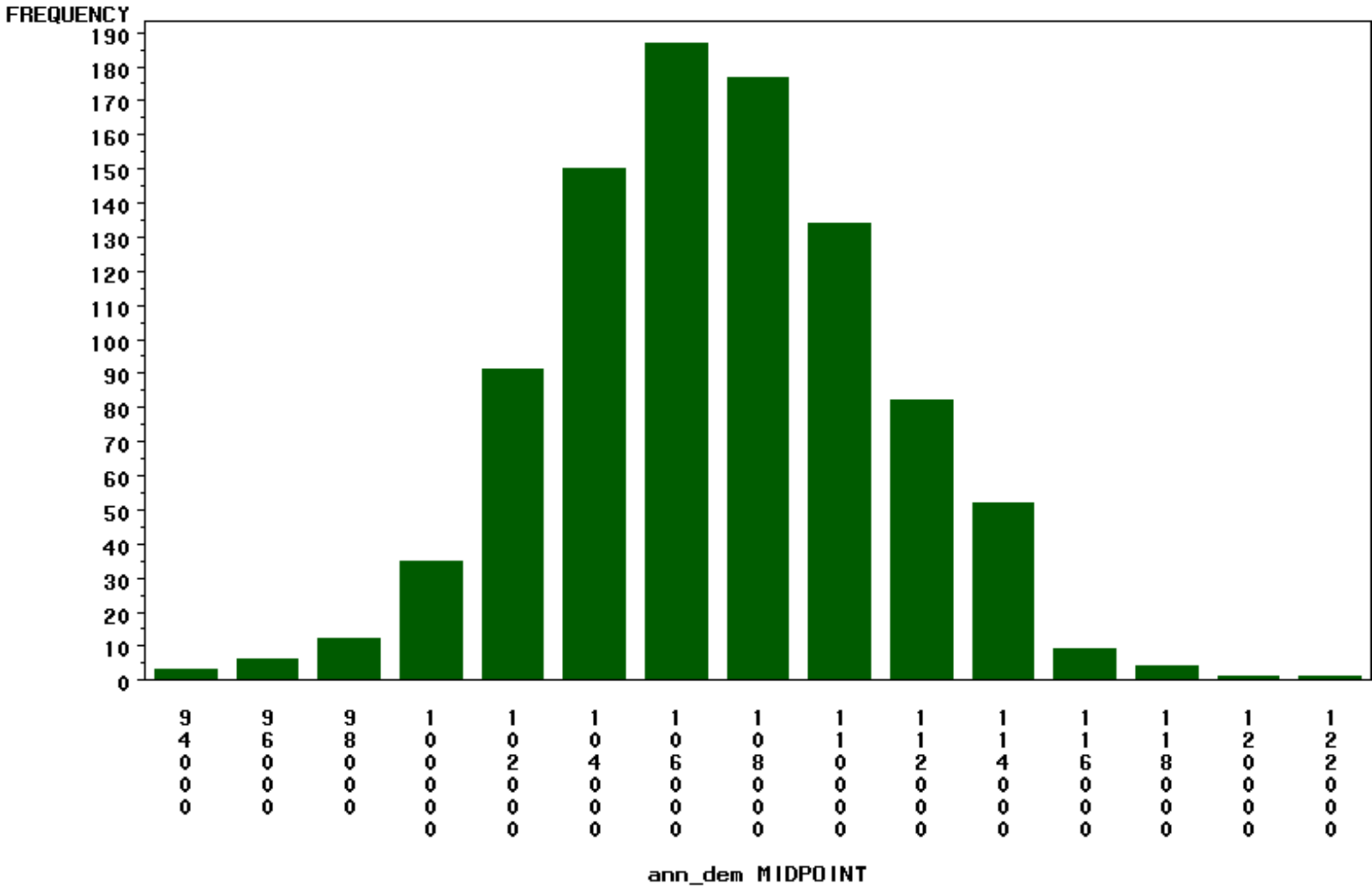

Exhibit 9.27

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2008 month=5

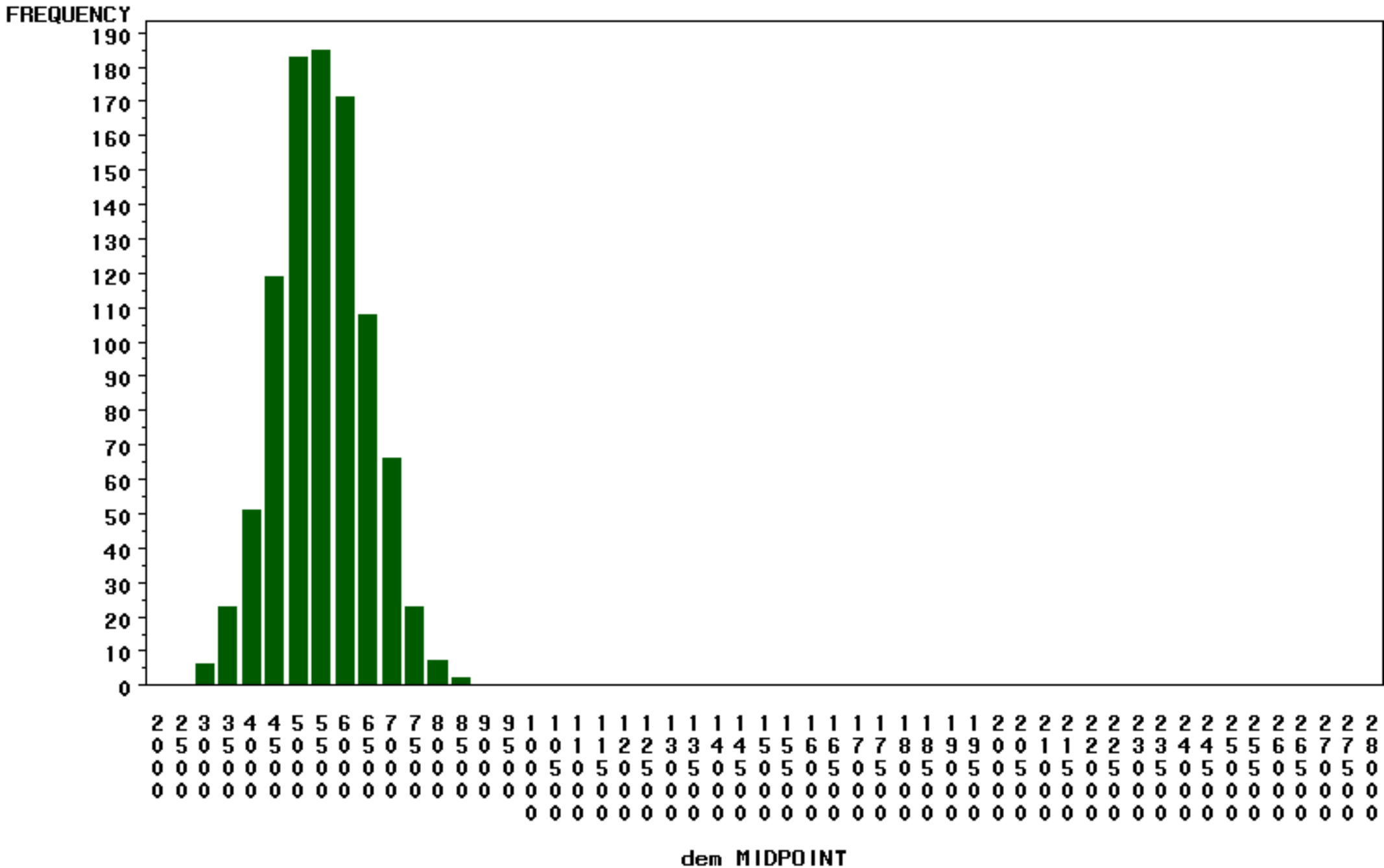

Exhibit 9.28

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2008 month=6

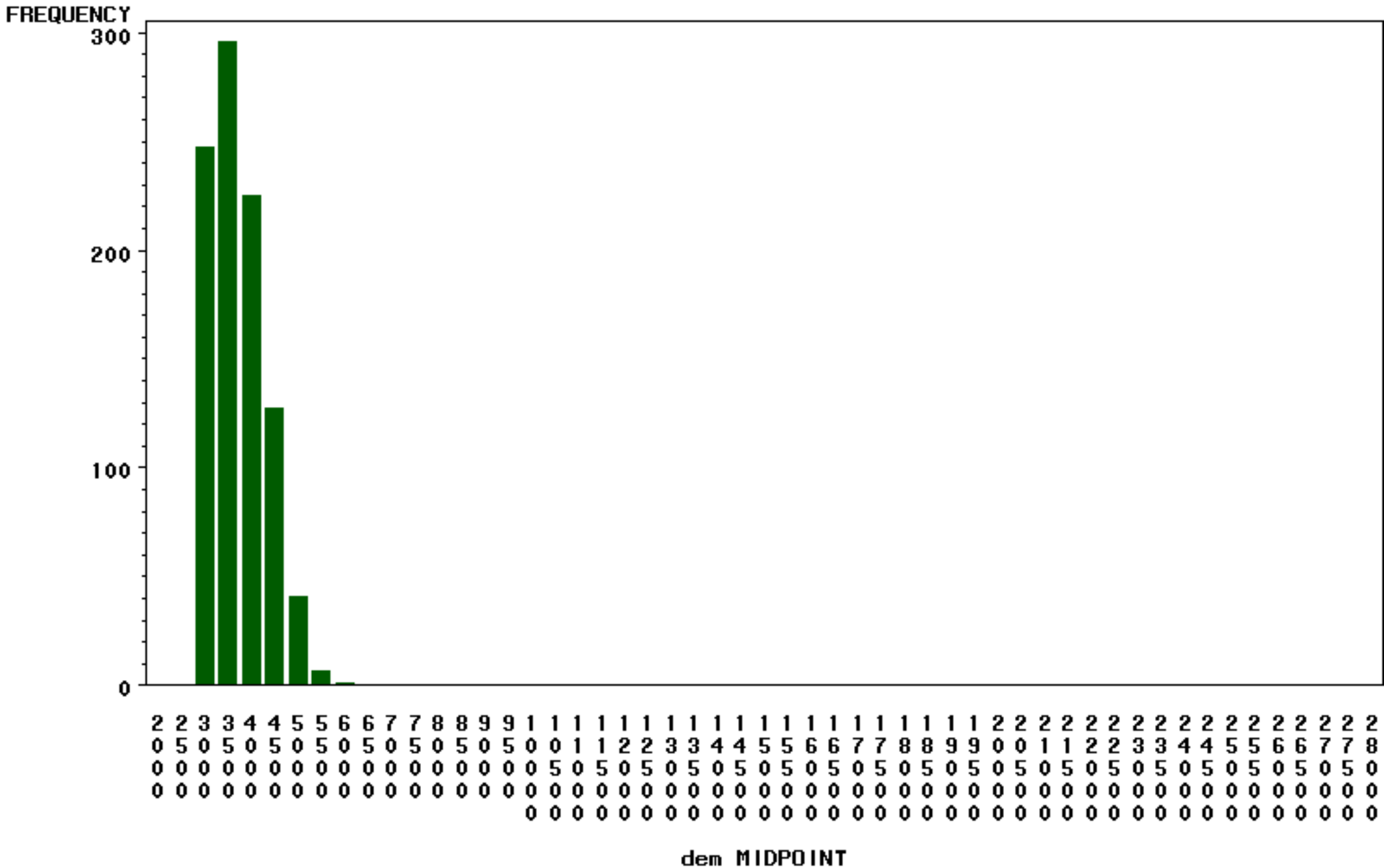

Exhibit 9.29

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2008 month=7

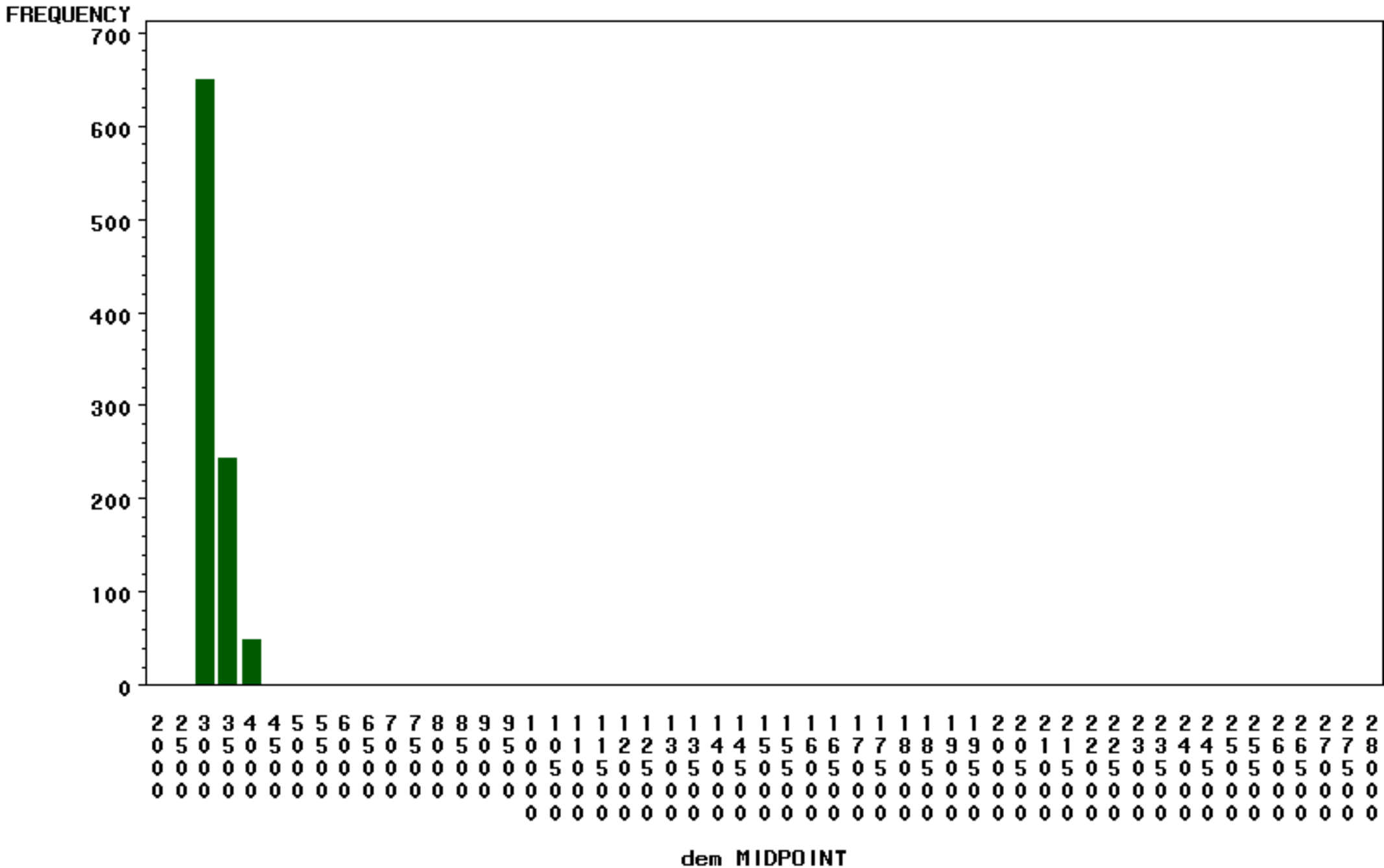

Exhibit 9.30

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2008 month=8

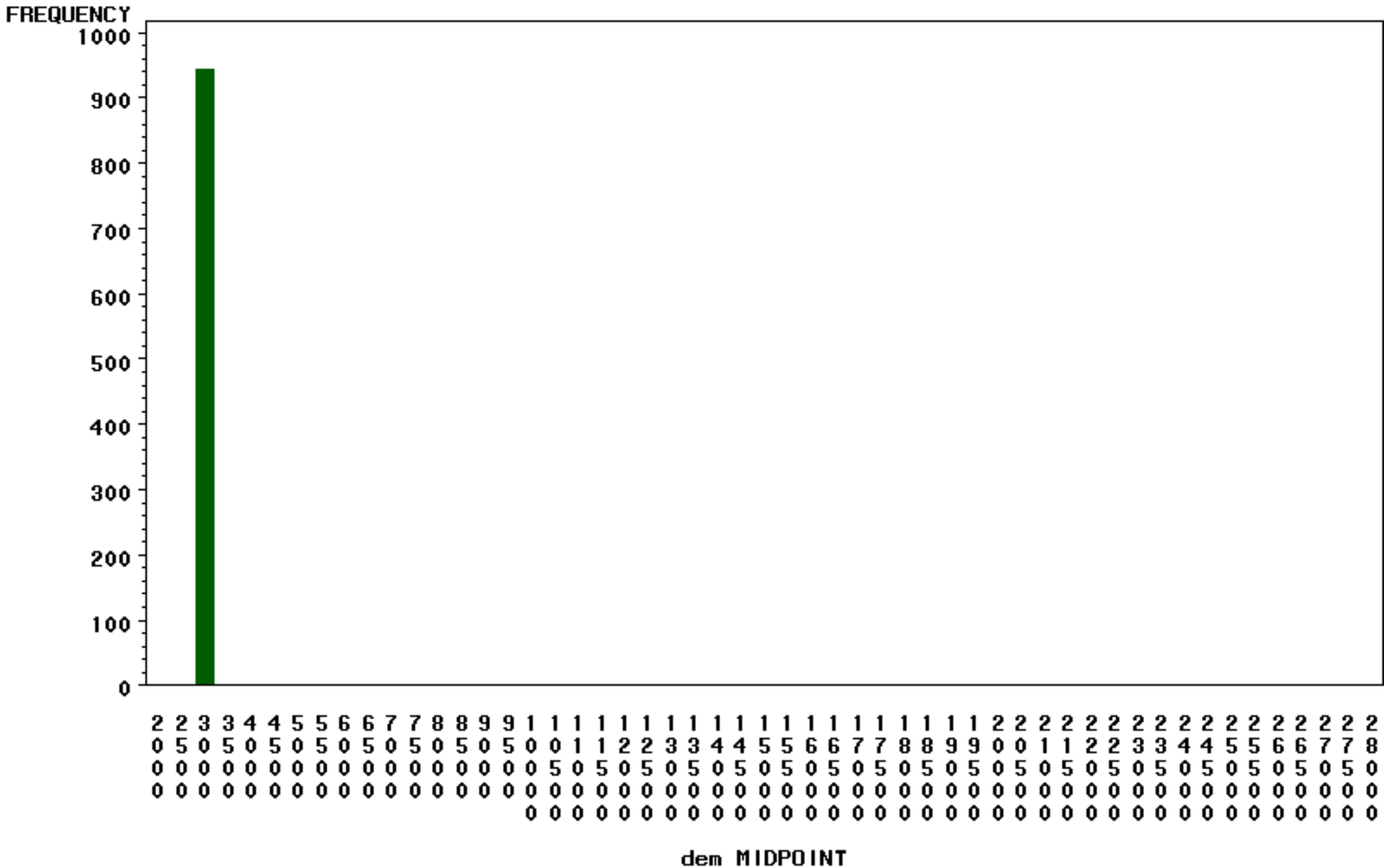

Exhibit 9.31

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2008 month=9

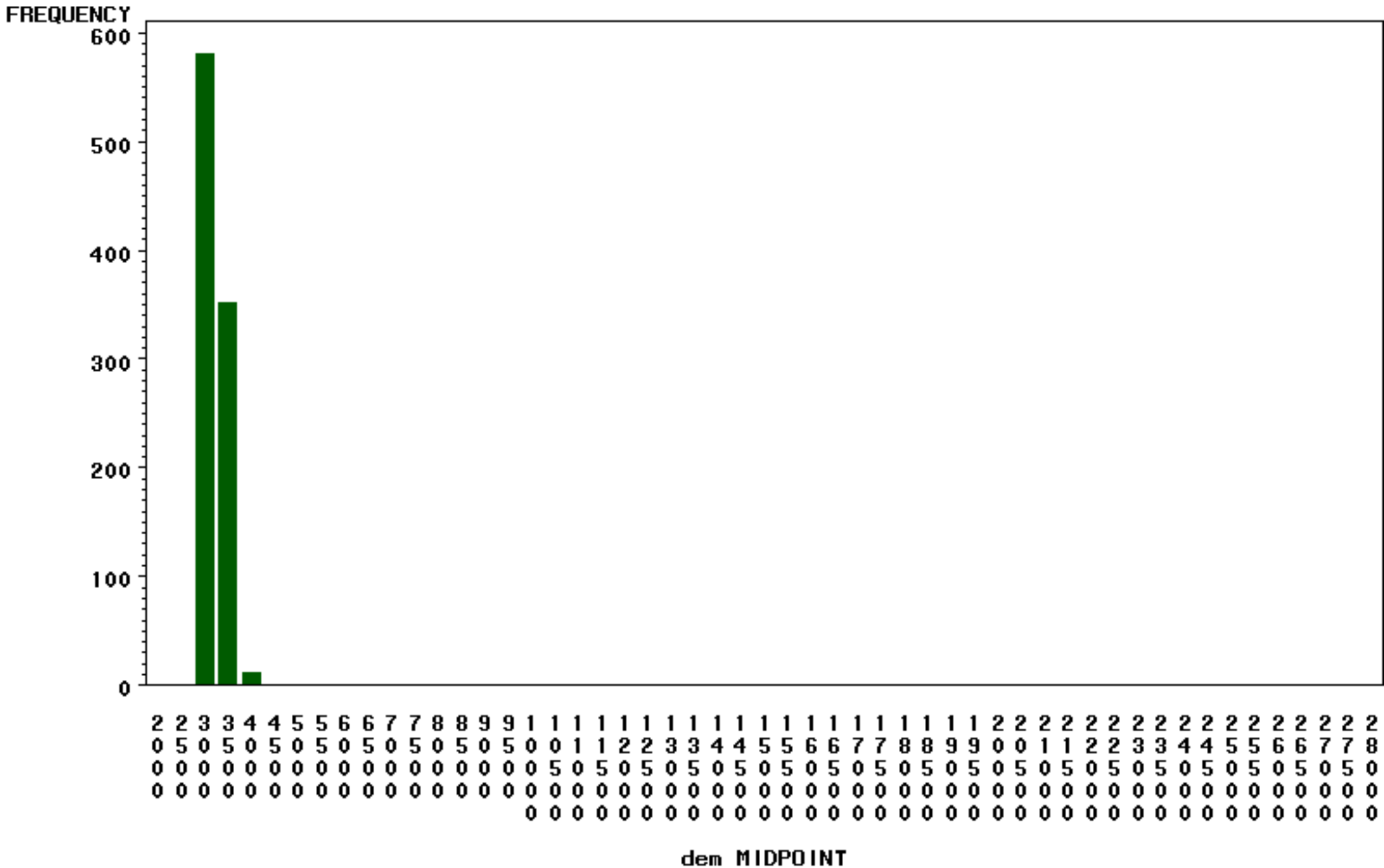

Exhibit 9.32

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
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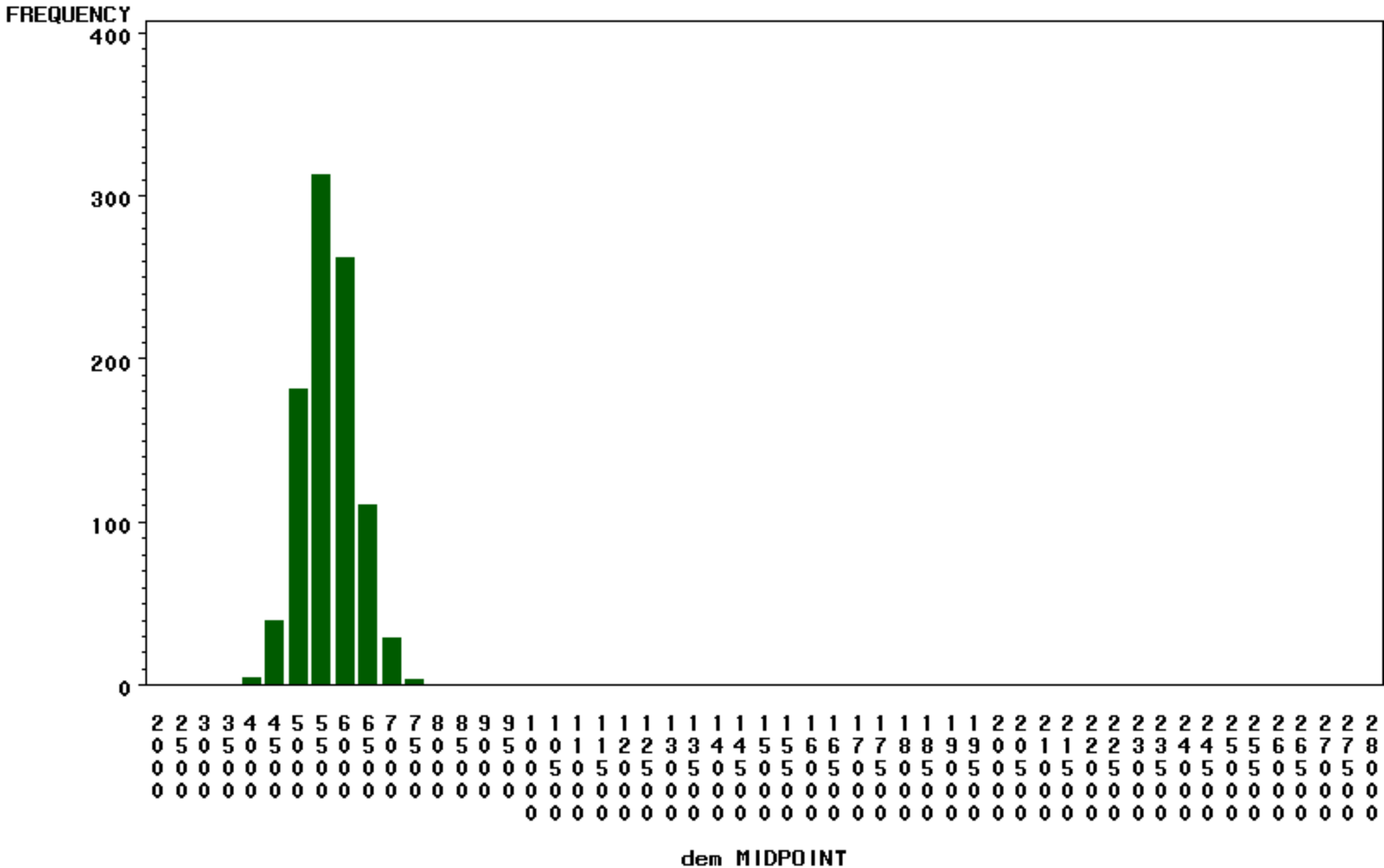


Exhibit 9.33

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2008 month=11

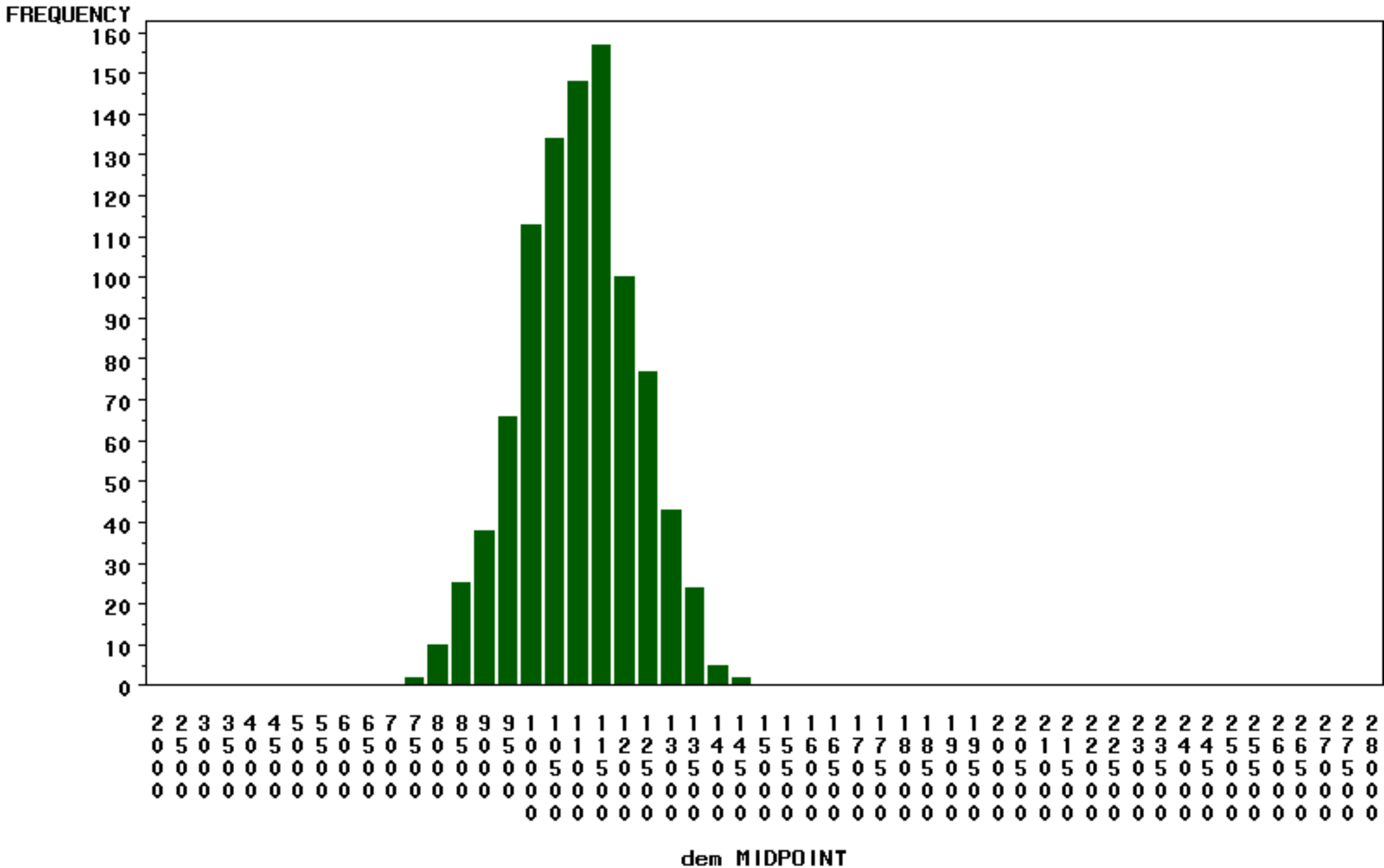


Exhibit 9.34

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2008 month=12

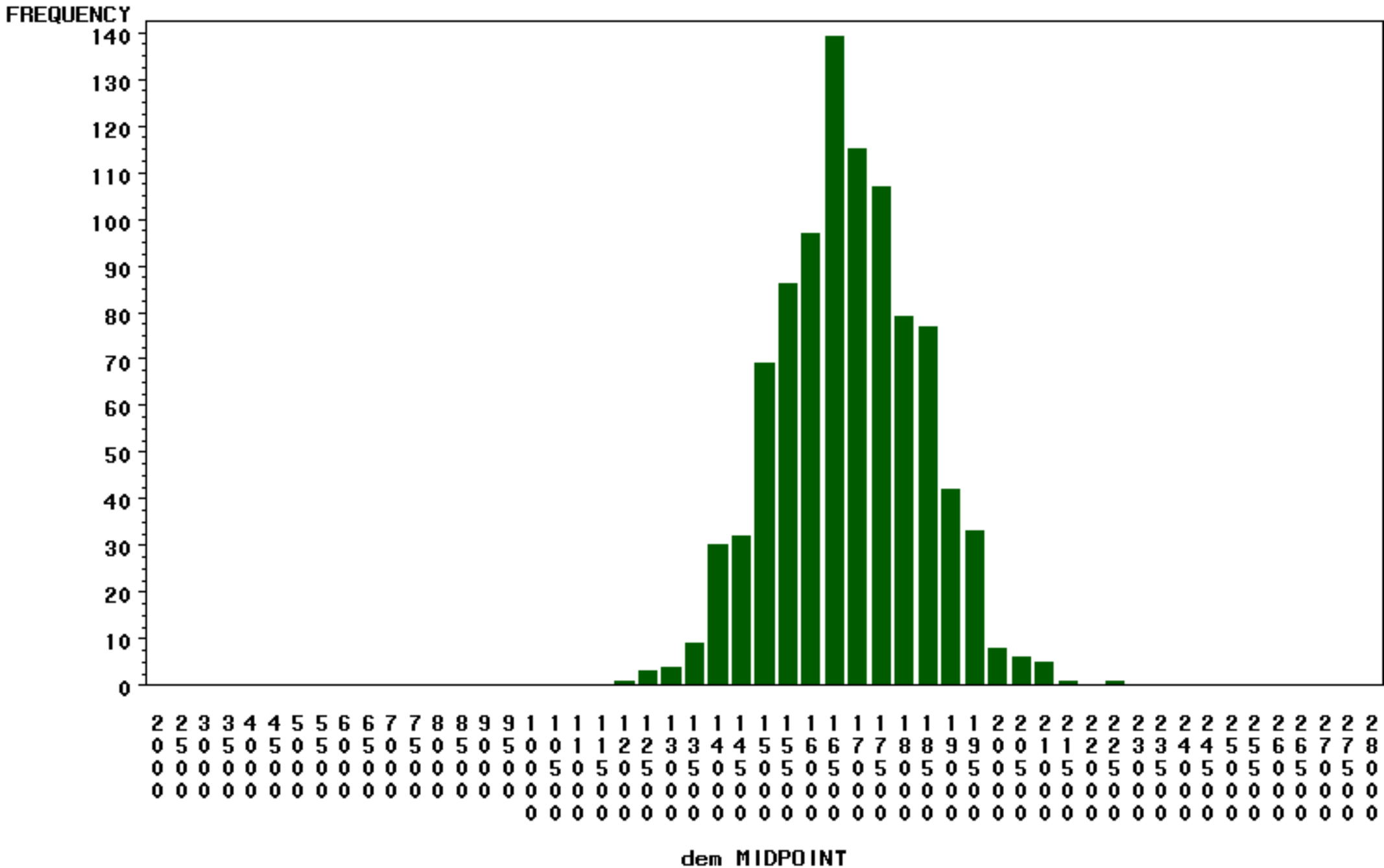


Exhibit 9.35

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2009 month=1

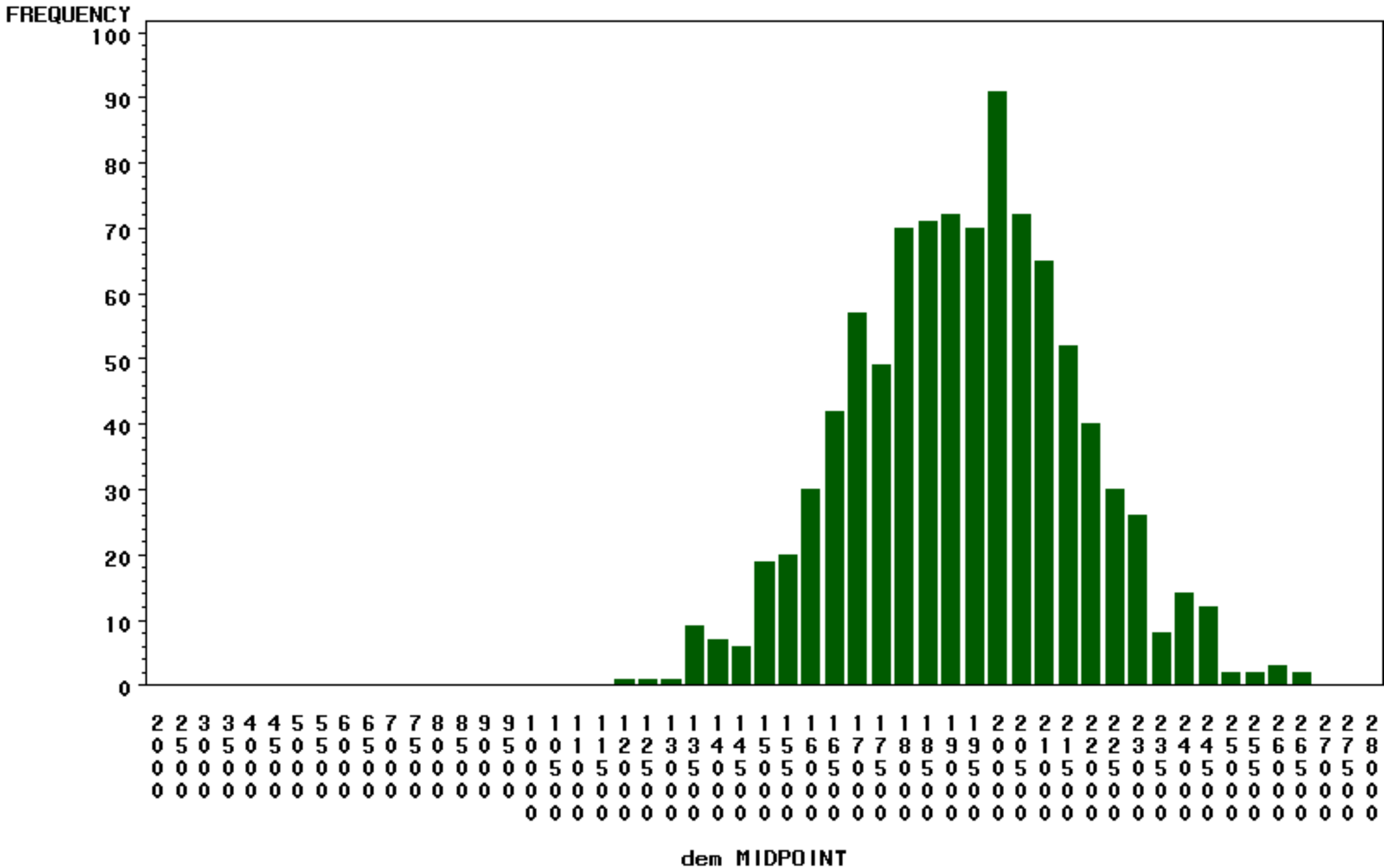


Exhibit 9.36

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2009 month=2

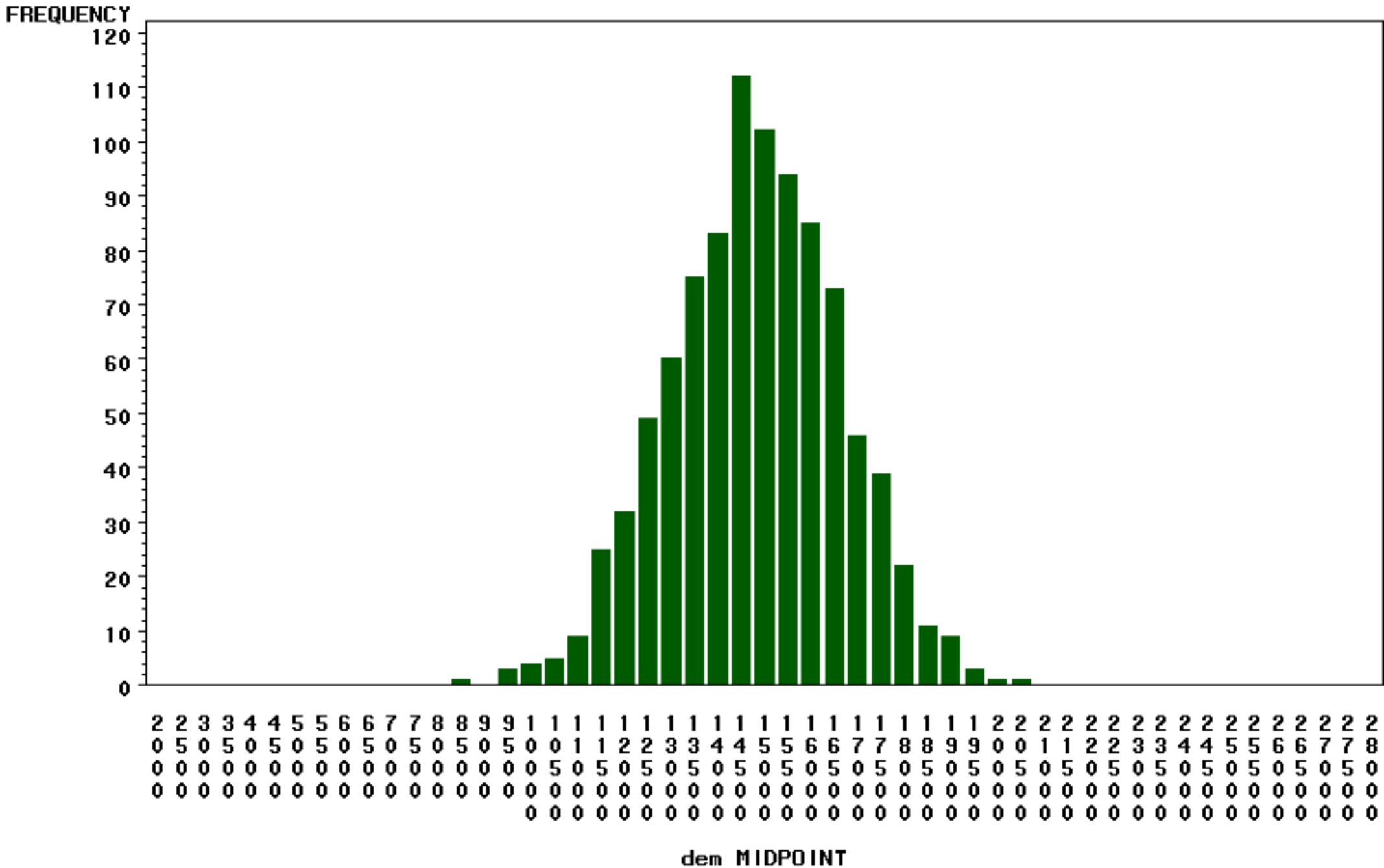


Exhibit 9.37

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2009 month=3

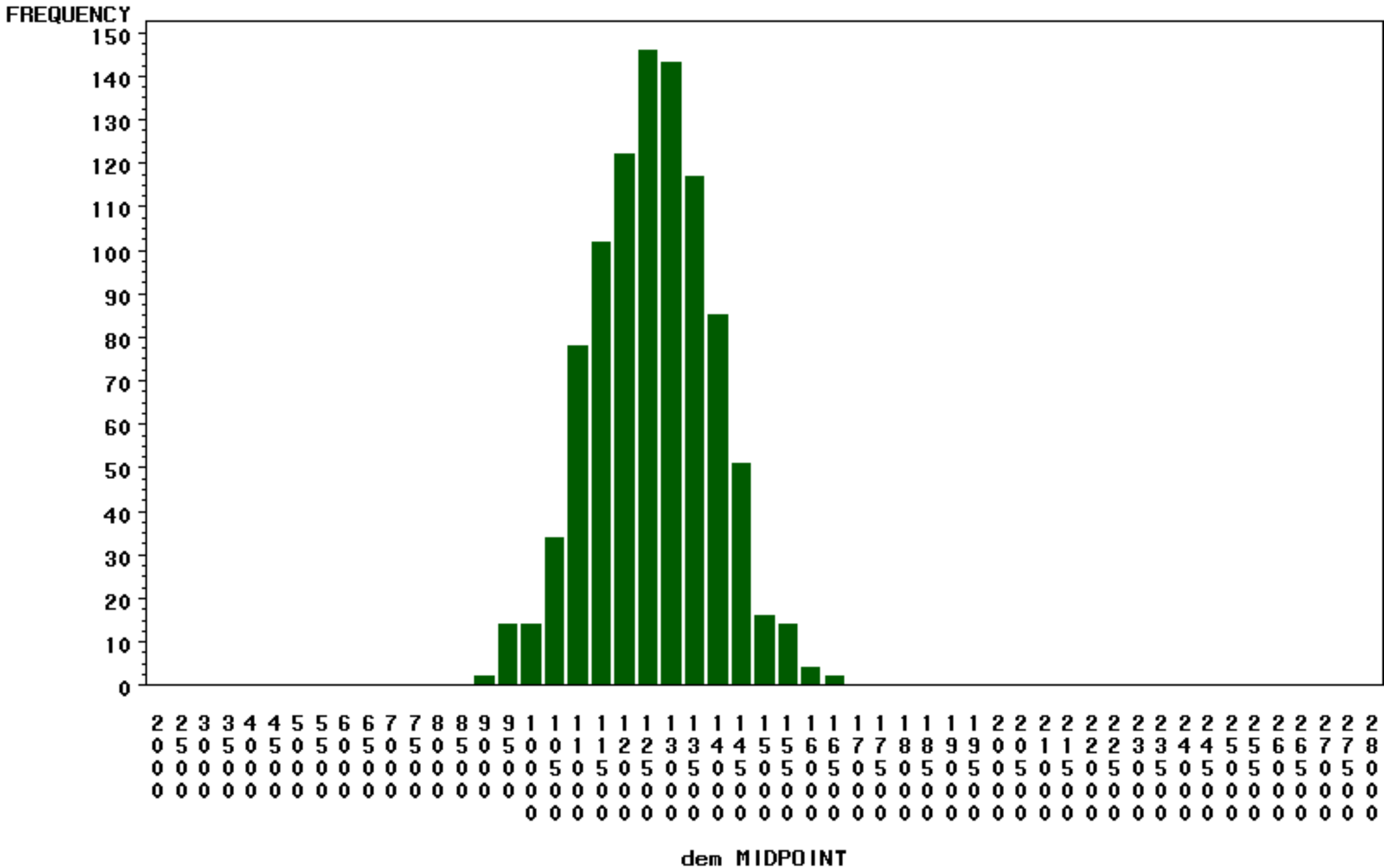


Exhibit 9.38

Monthly Sales Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)
year=2009 month=4

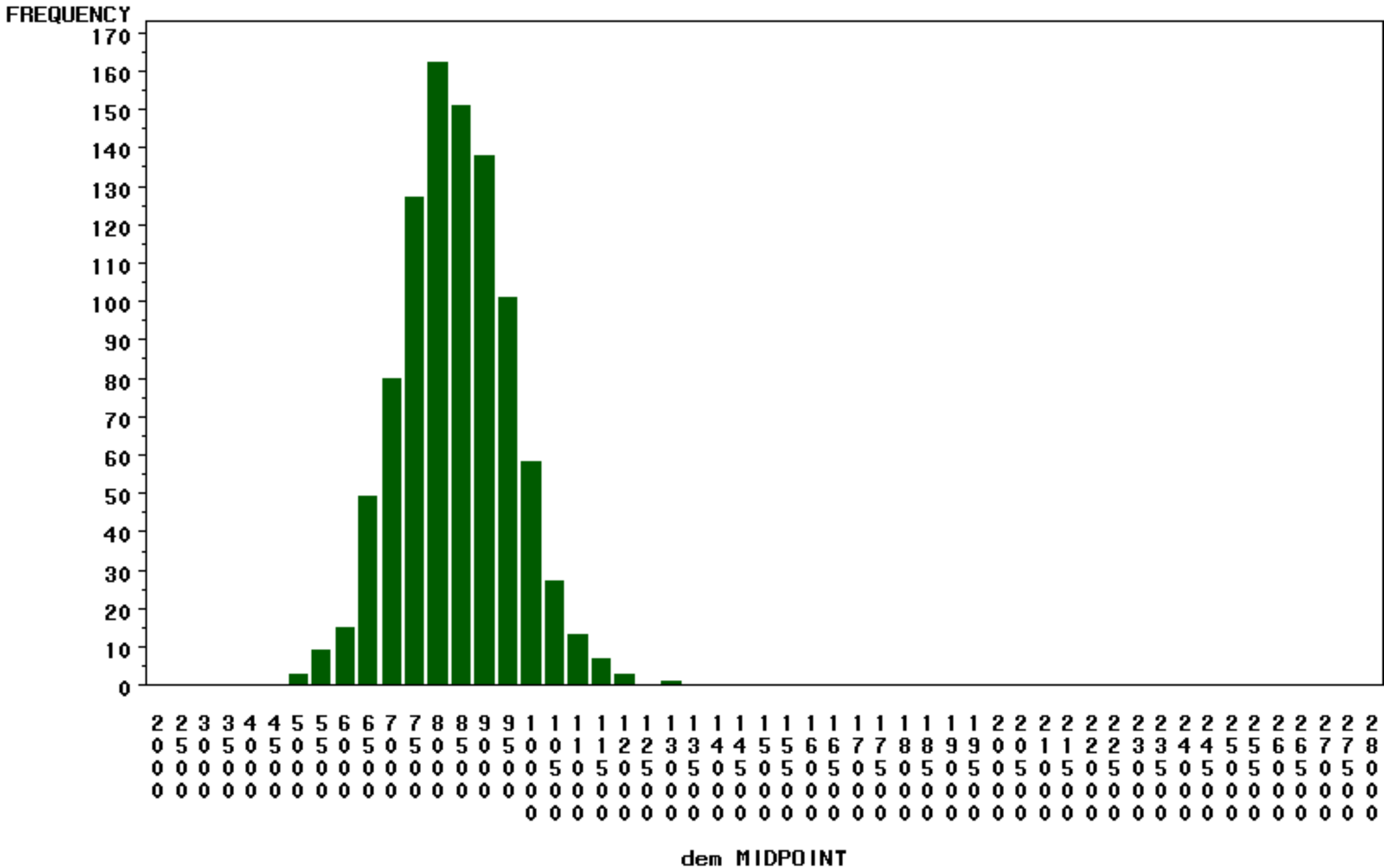


Exhibit 9.39
2008 - 2009 Peak Day Supplies

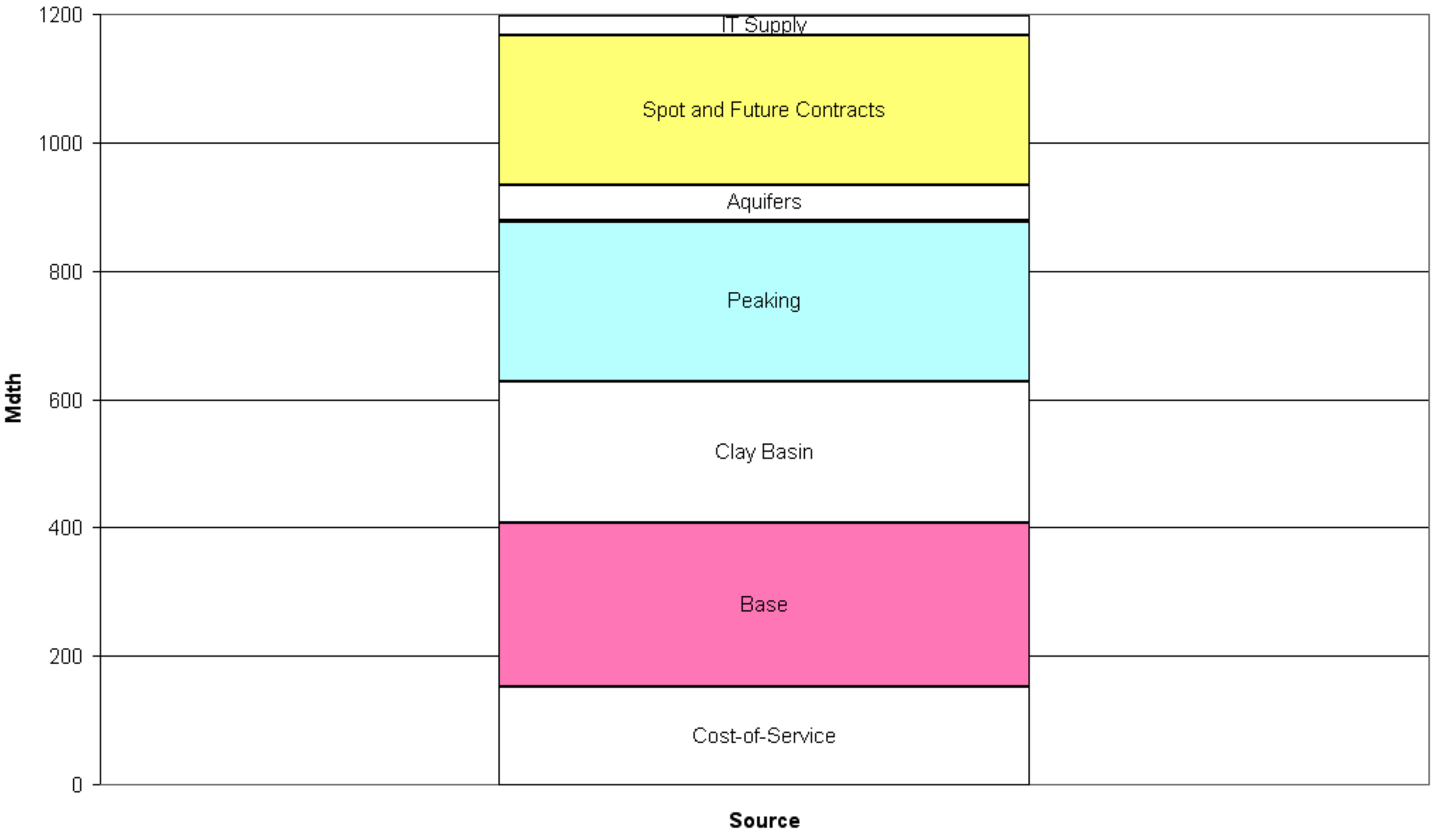


Exhibit 9.40

Firm Peak Day Demand Distribution

2008 Plan Year
Scenario 1021 - Dth(000)

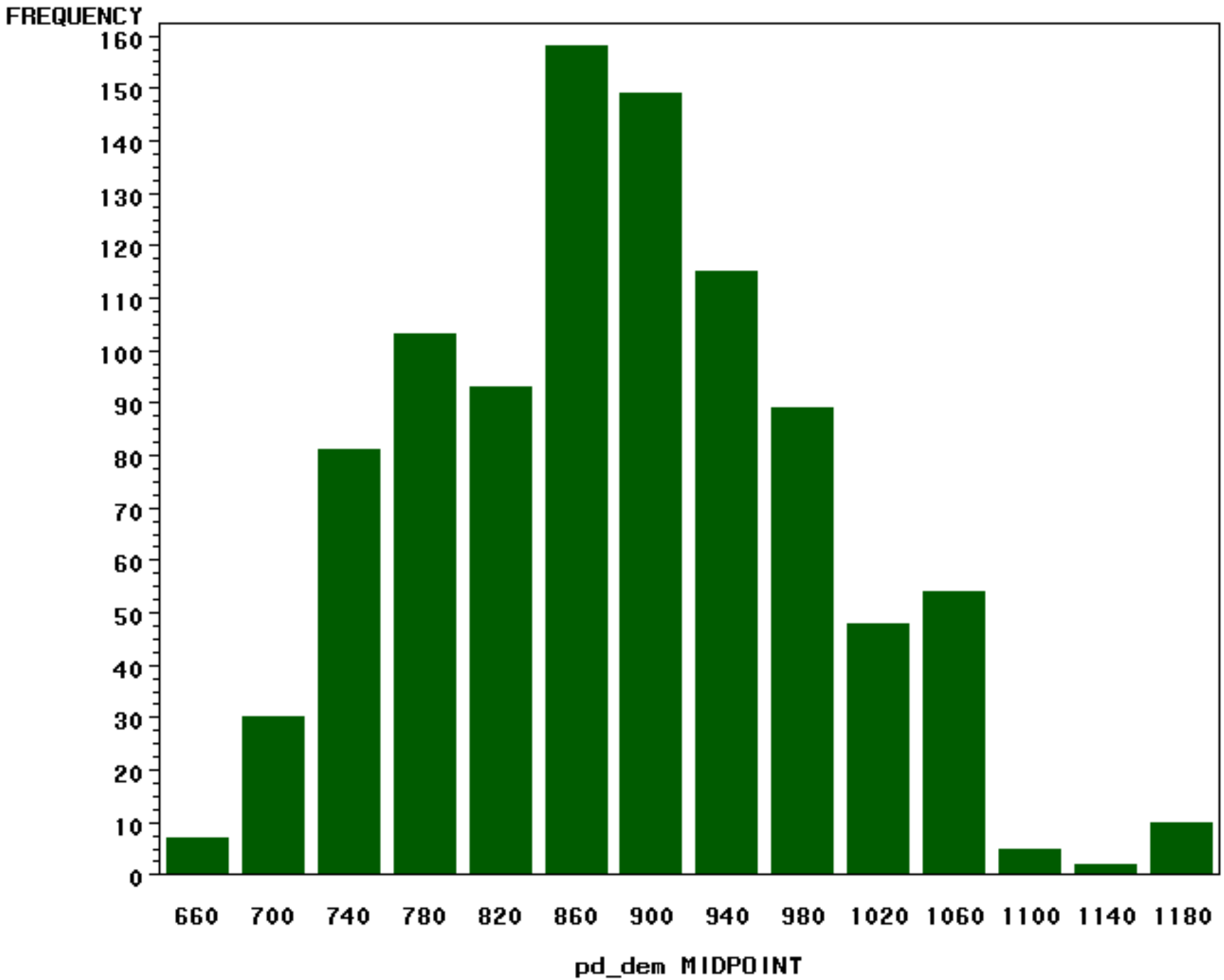


Exhibit 9.41

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=5

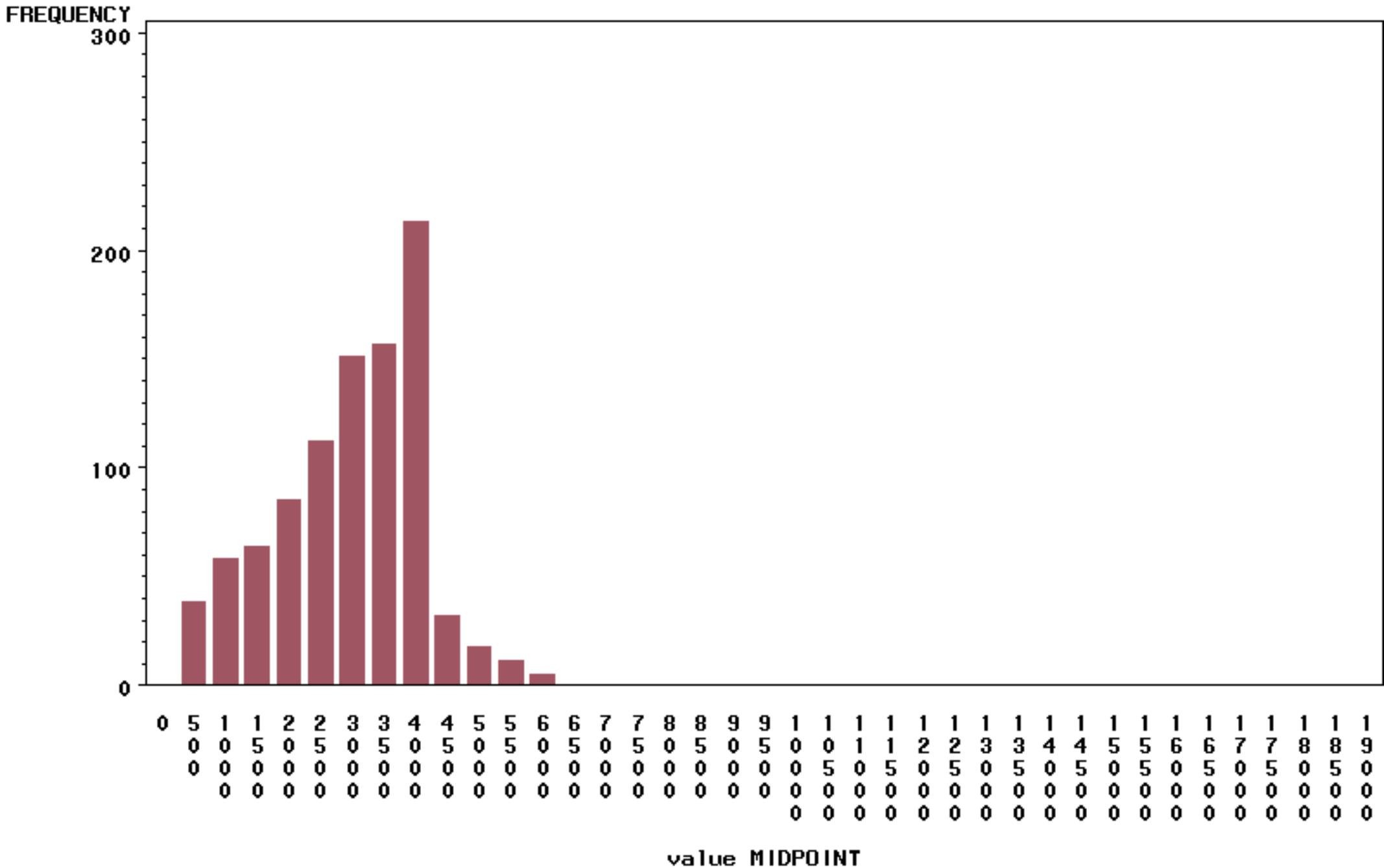


Exhibit 9.42

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=6

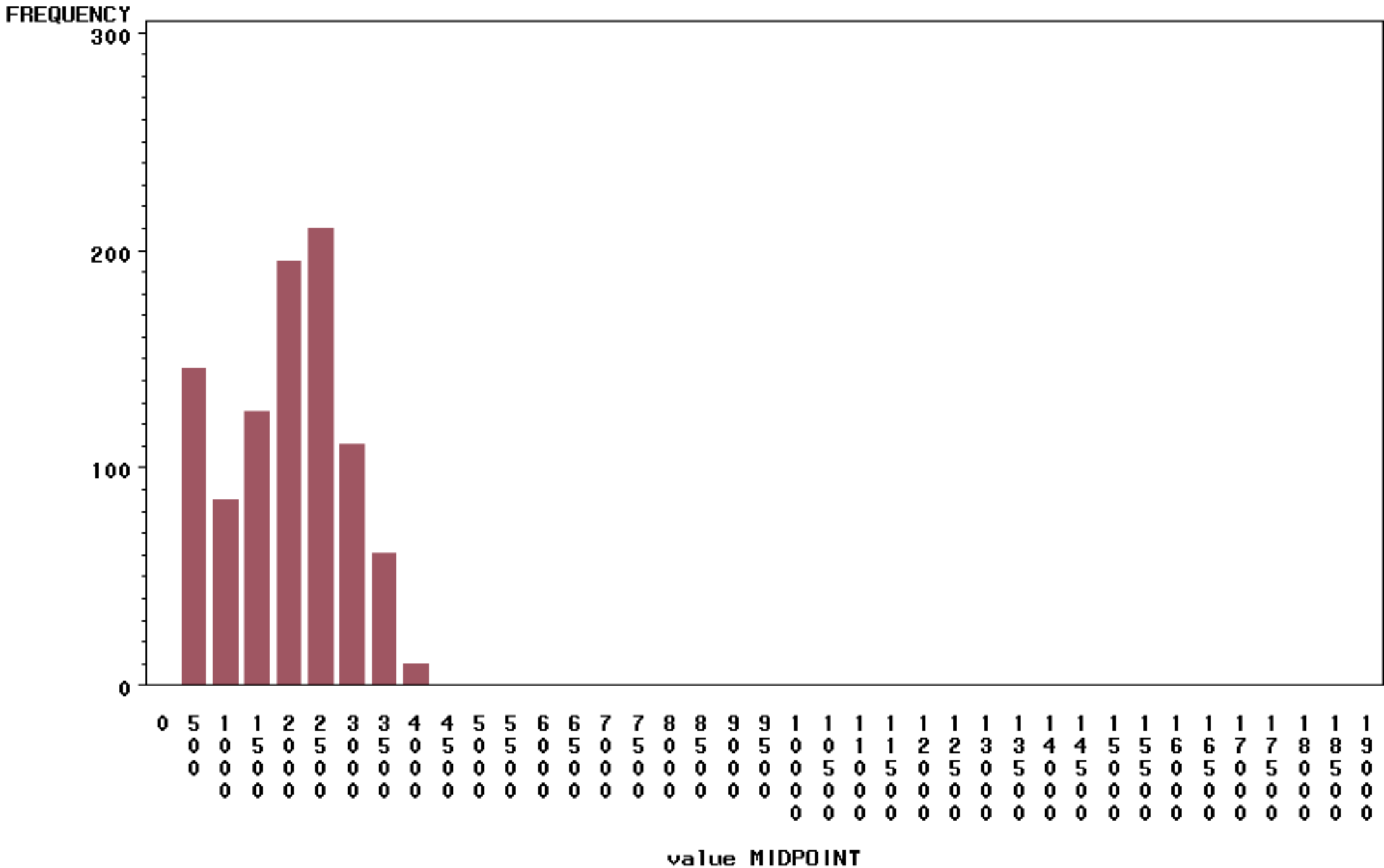


Exhibit 9.43

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=7

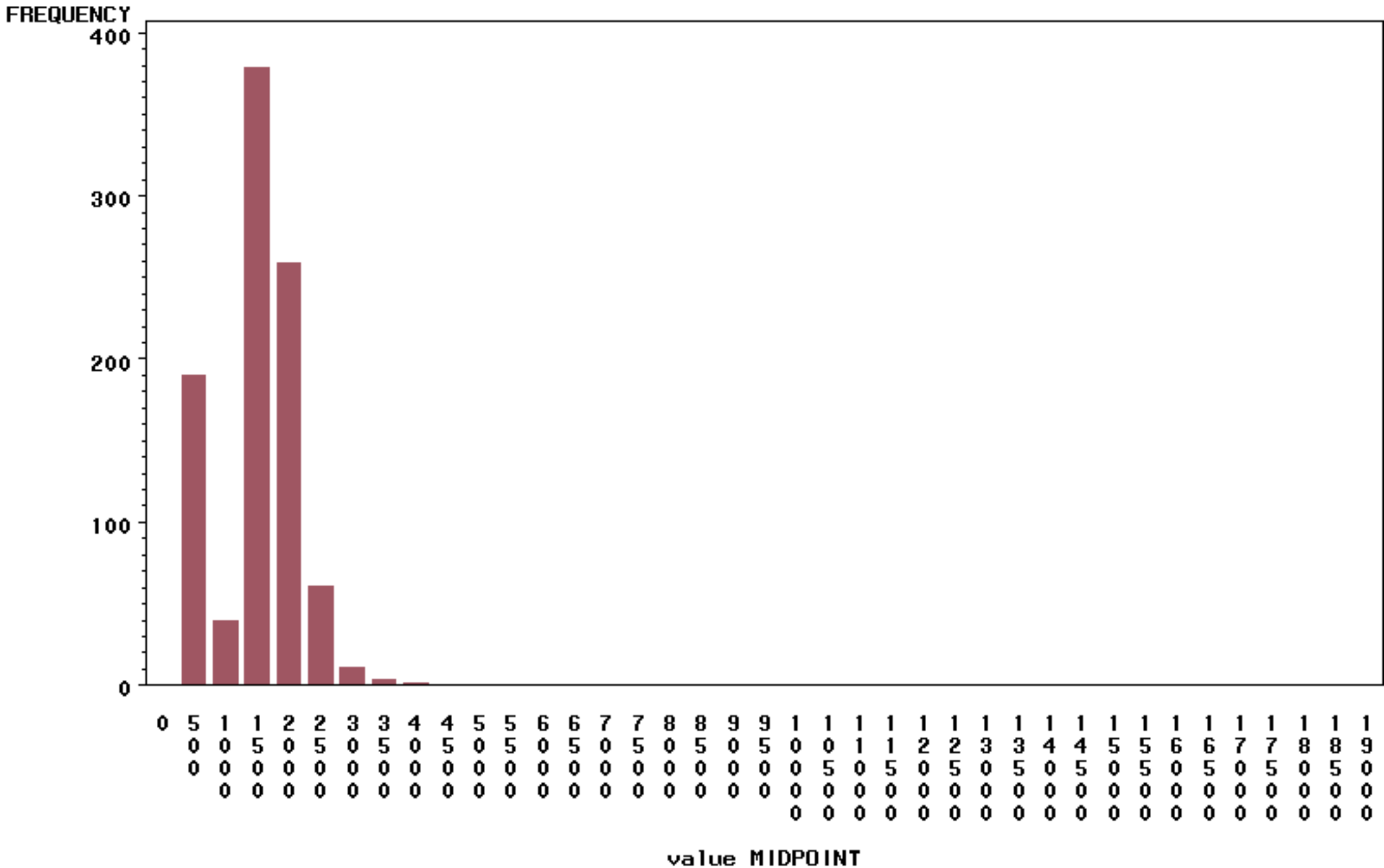


Exhibit 9.44

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=8

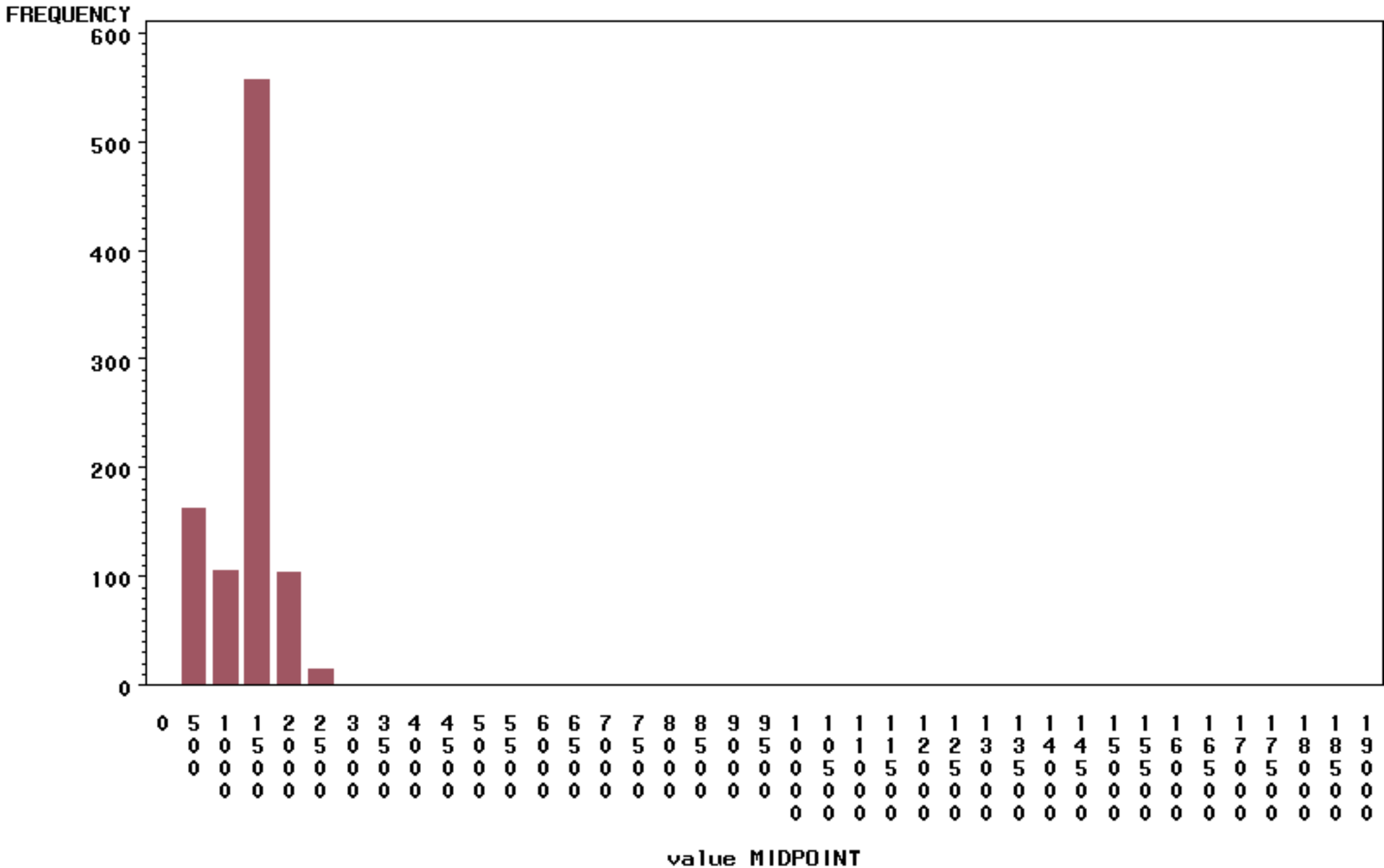


Exhibit 9.45

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=9

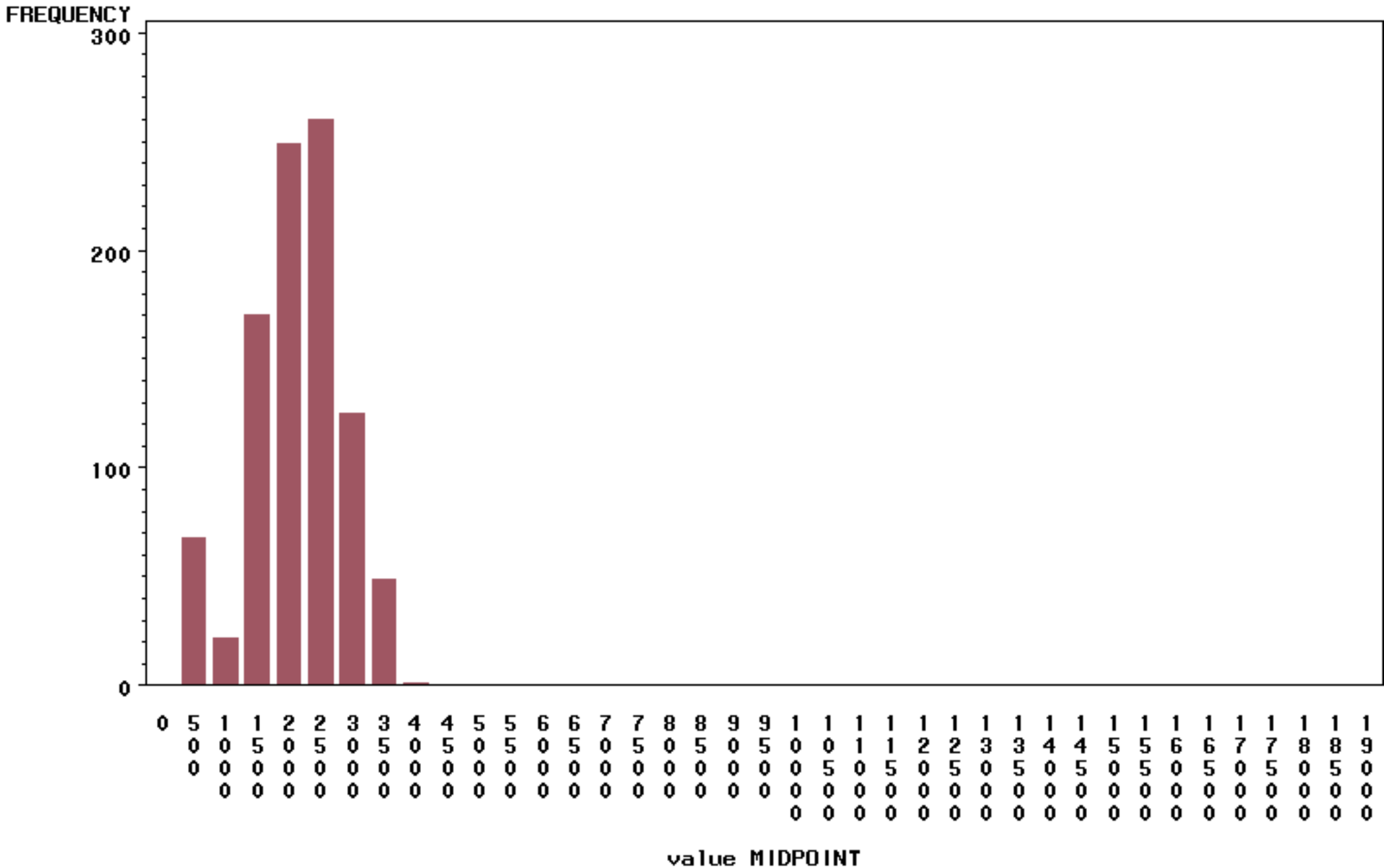


Exhibit 9.46

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=10

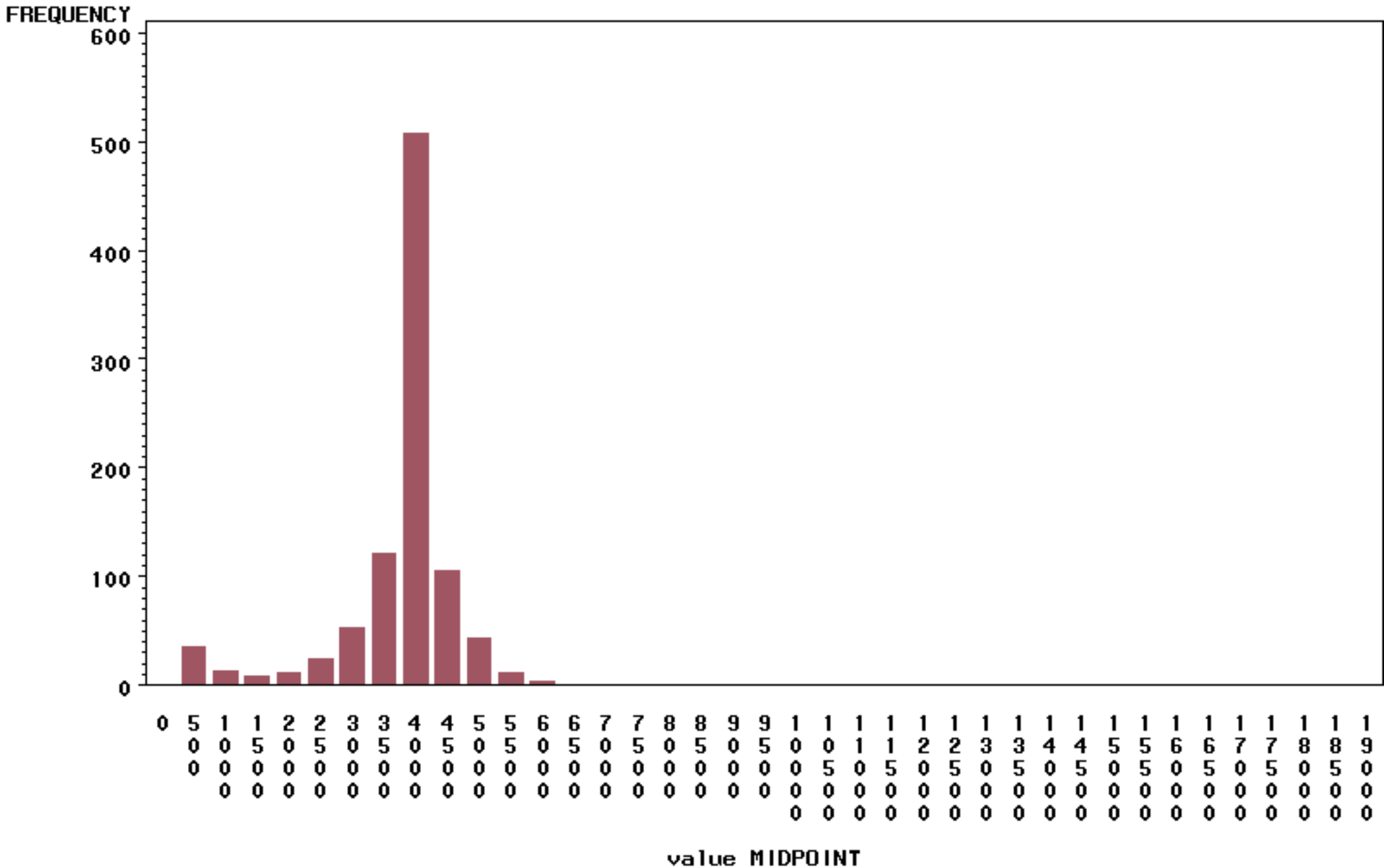


Exhibit 9.47

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=11

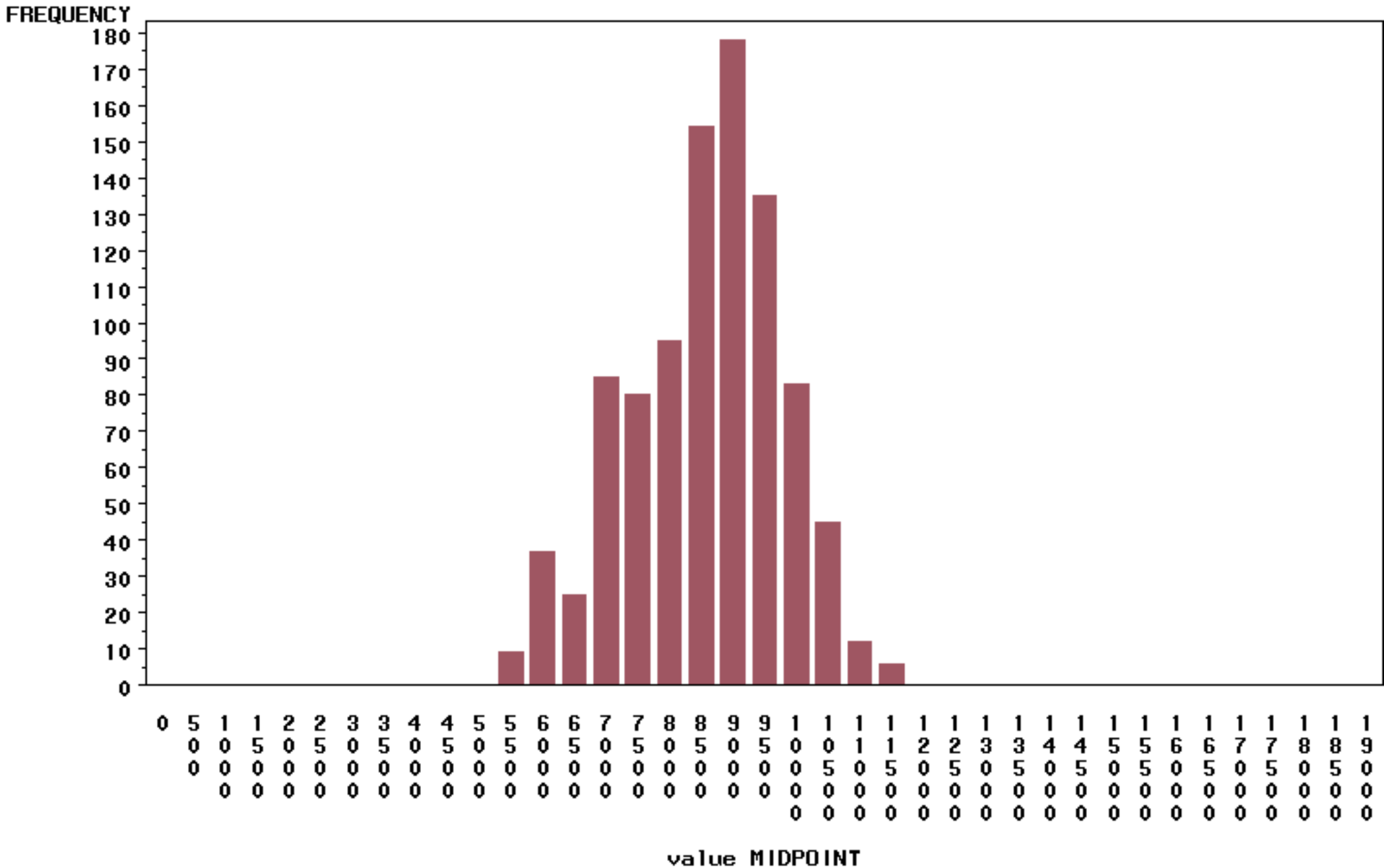


Exhibit 9.48

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2008 month=12

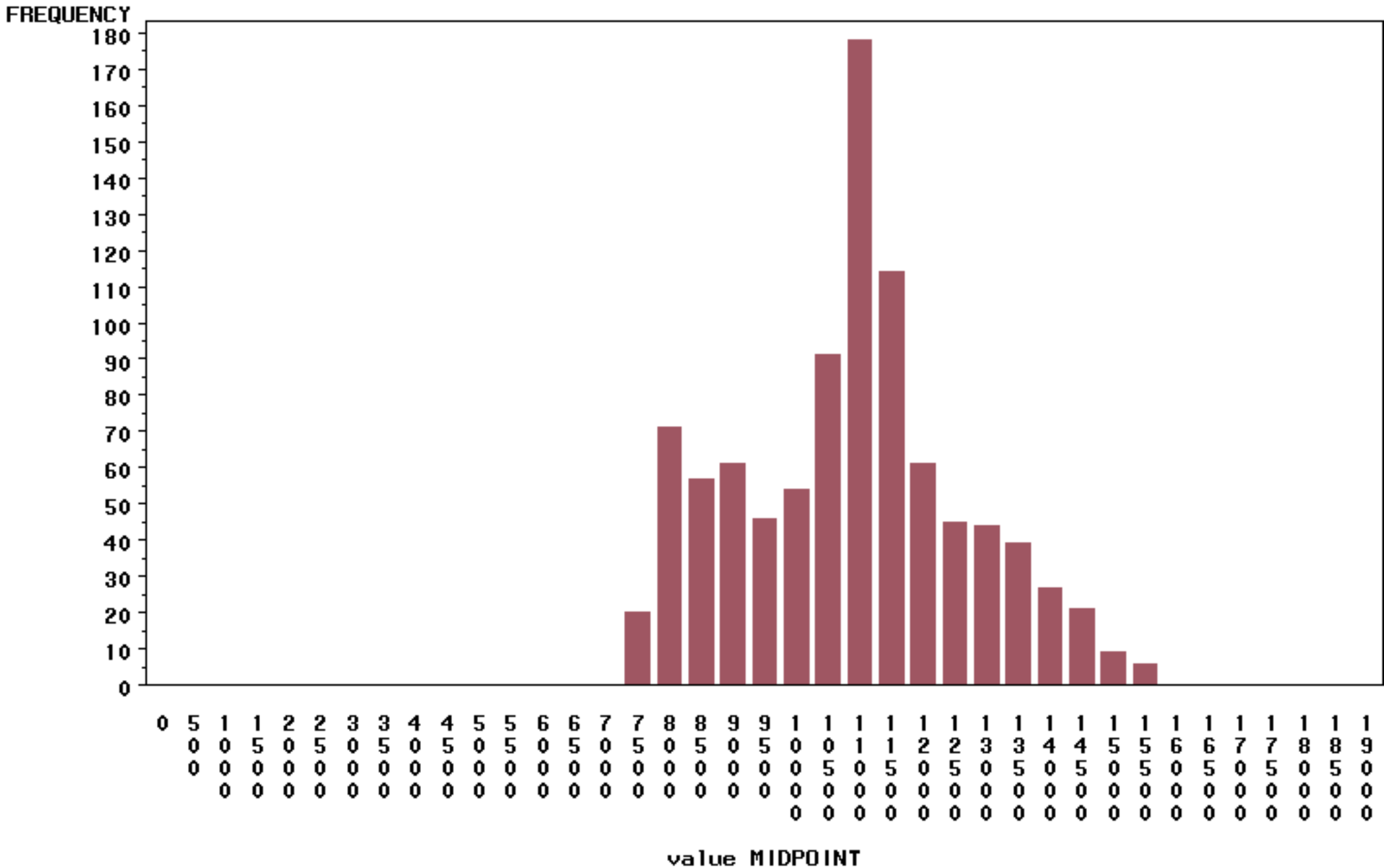


Exhibit 9.49

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2009 month=1

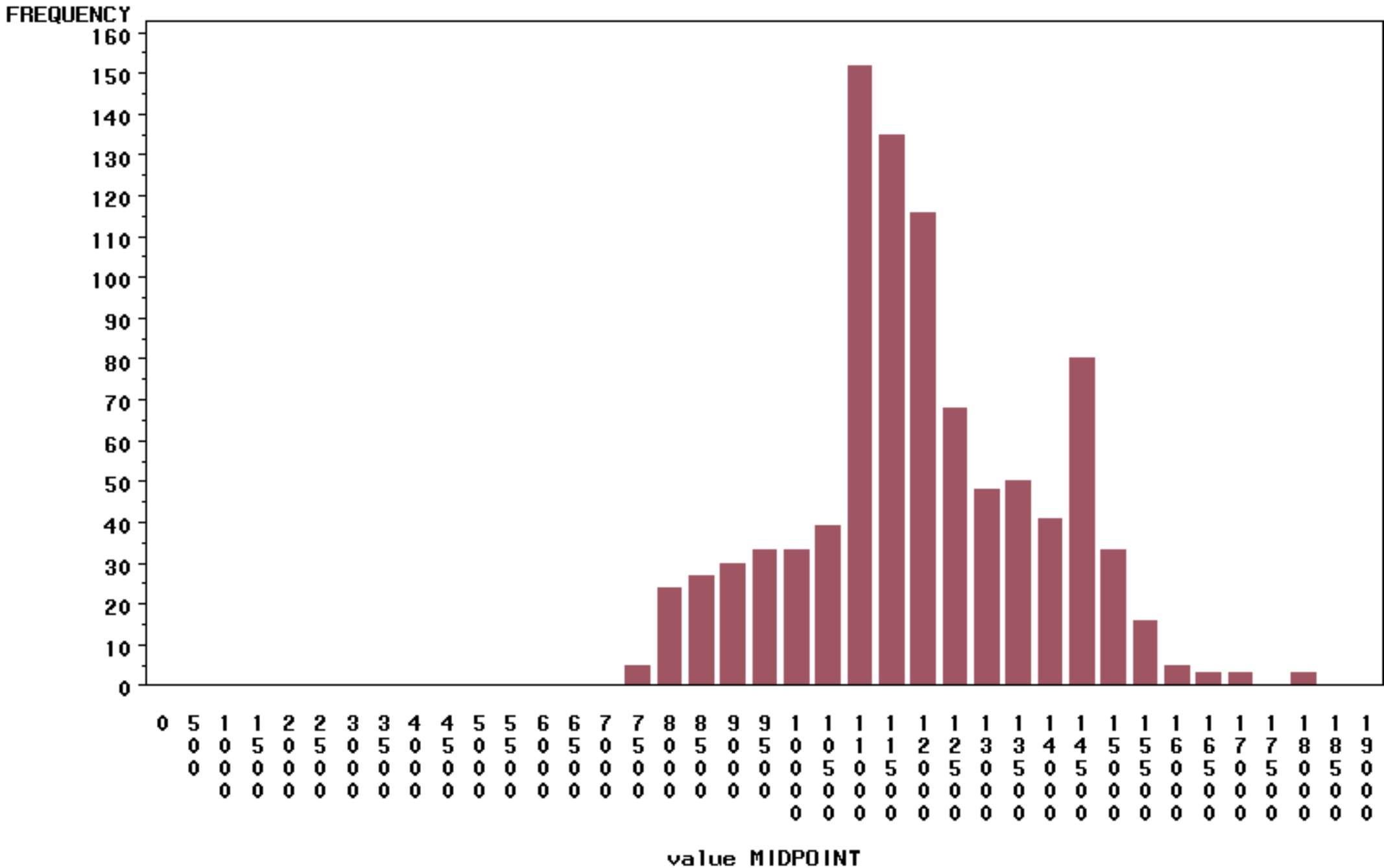


Exhibit 9.50

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2009 month=2

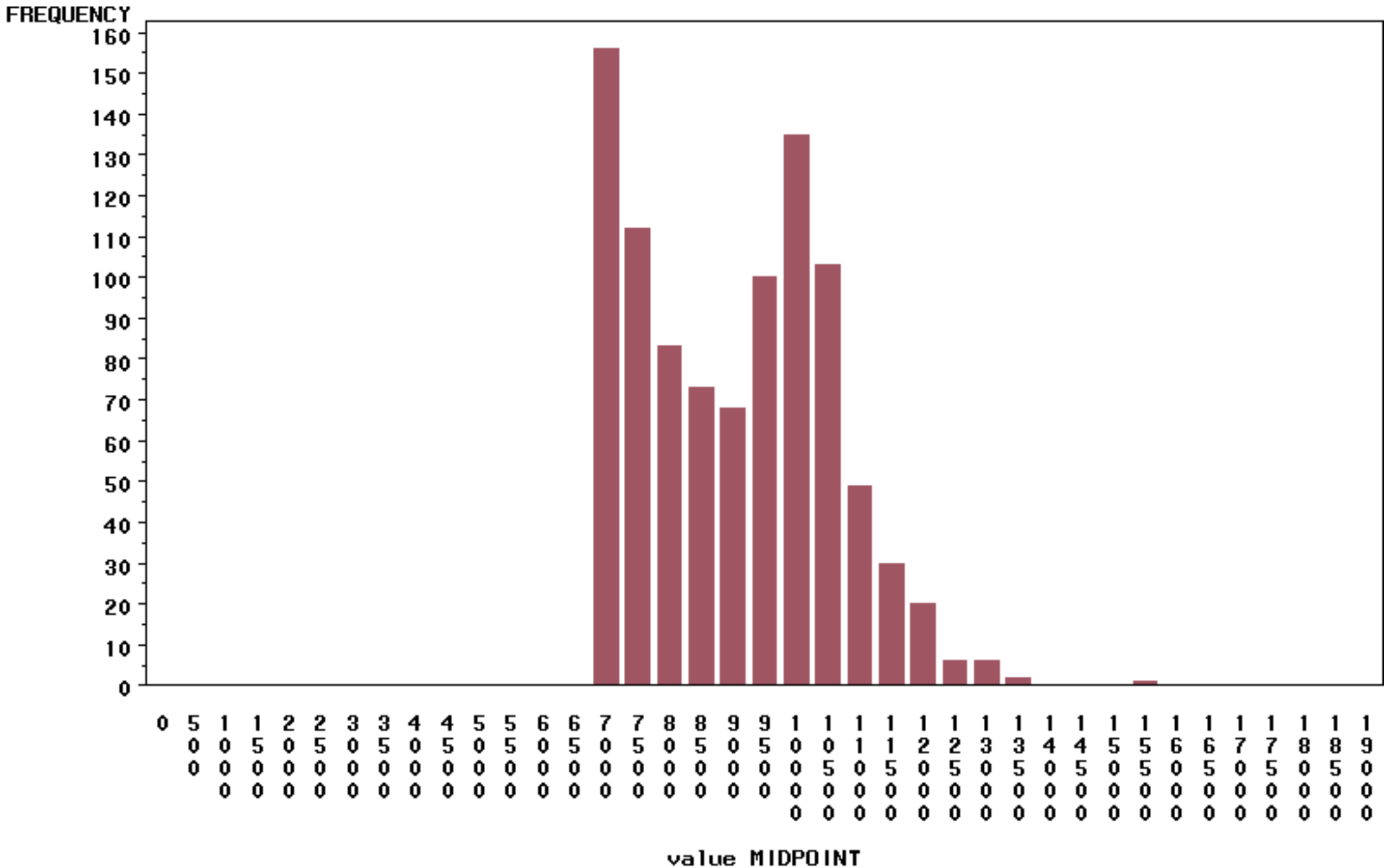


Exhibit 9.51

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2009 month=3

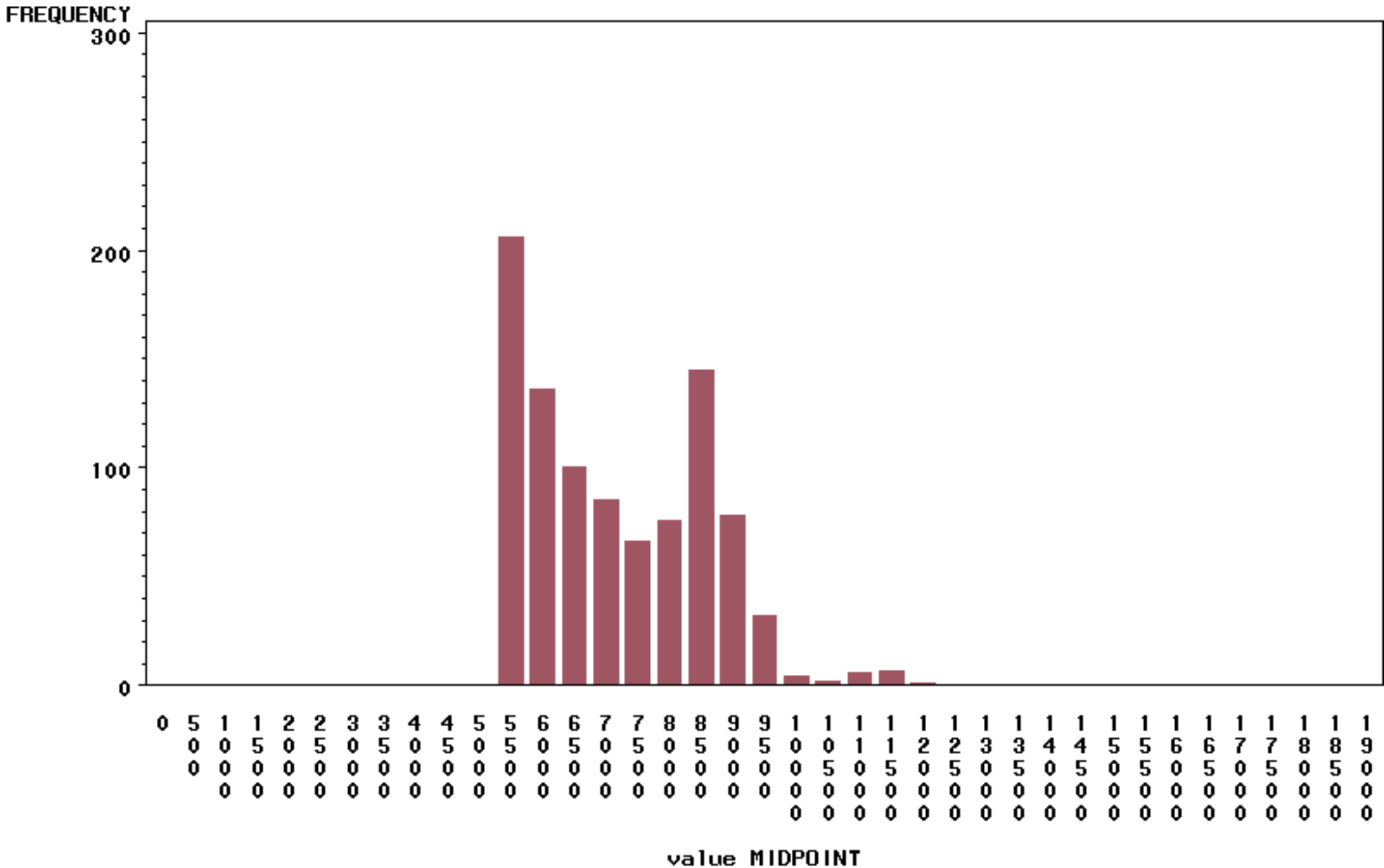


Exhibit 9.52

Monthly Gas Purchase Distribution

Plan Year 2008
Scenario 1021
year=2009 month=4

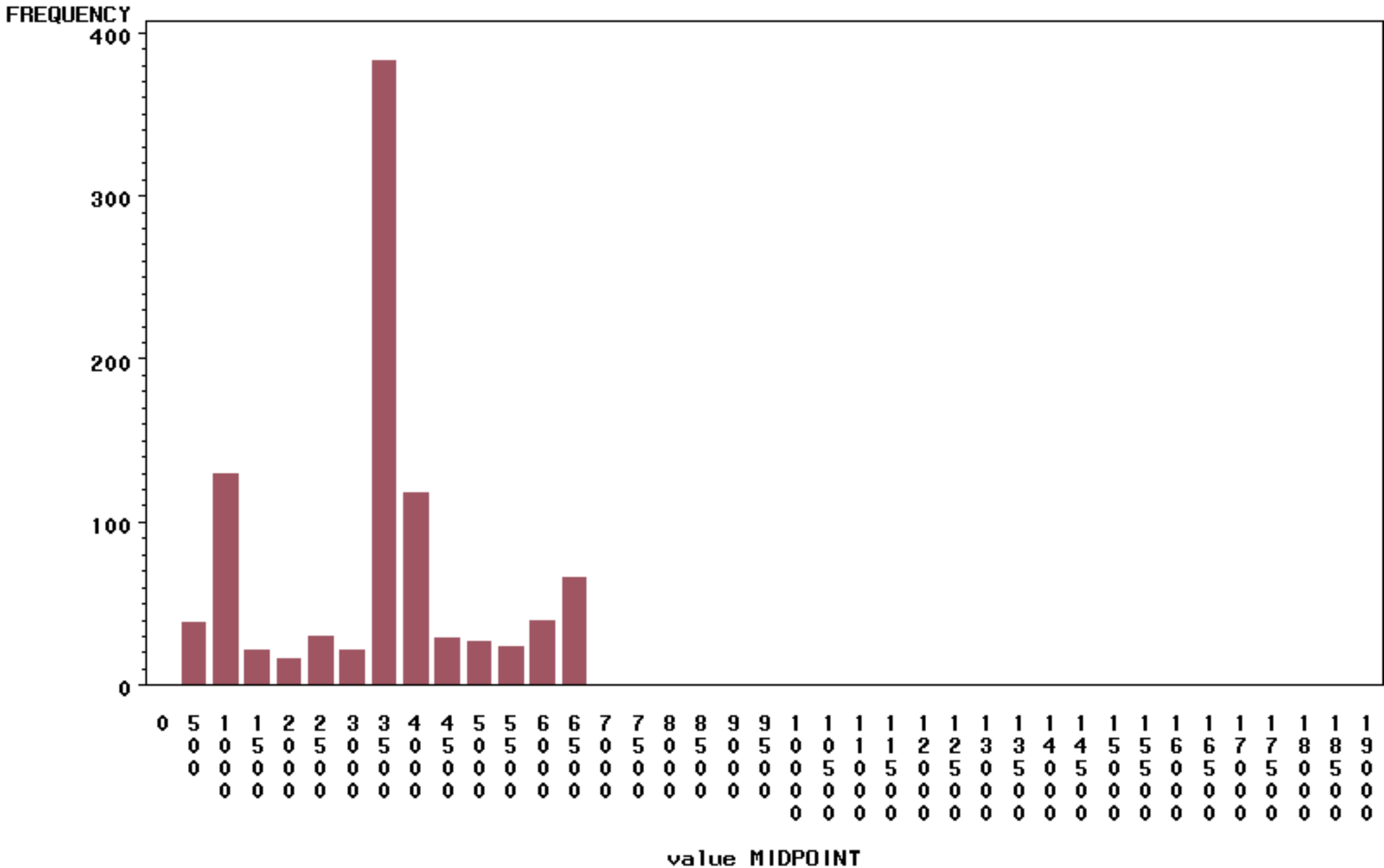
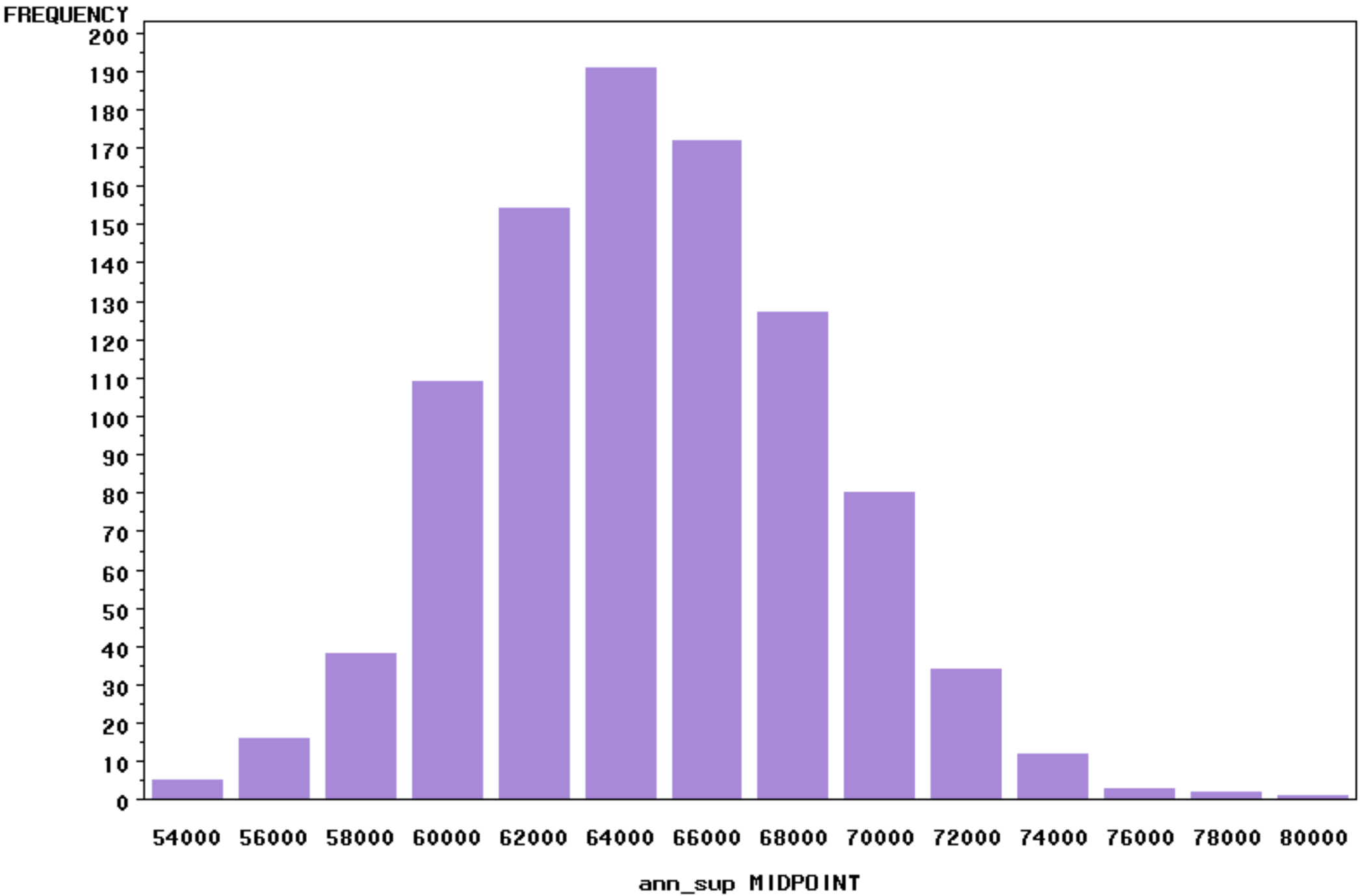


Exhibit 9.53

Annual Gas Purchase Distribution

2008 Plan Year
Scenario 1021 - Dth(000)



Monthly Gas Purchase Distribution
Plan Year 2008
Scenario 1021

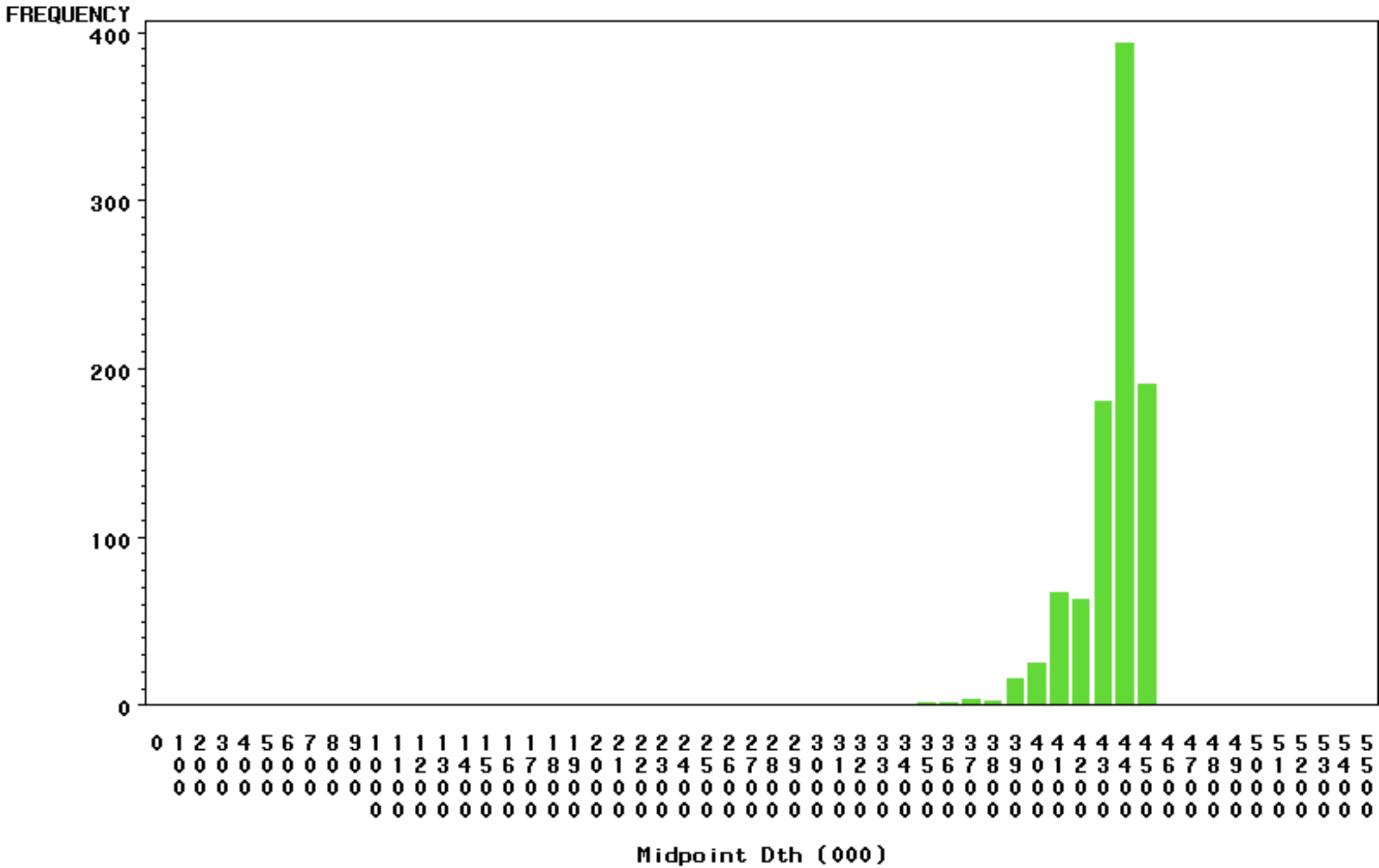
Exhibit 9.54
11:42 Tuesday, April 15, 2008

Obs	year	month	max	p95	p90	med	p10	p5	min	yrmo
1	2008	5	6208	4543	3942	3126	1222	799	702	200805
2	2008	6	4234	3402	3123	2053	683	676	669	200806
3	2008	7	3762	2410	2182	1606	698	695	684	200807
4	2008	8	3060	2054	1867	1412	704	701	687	200808
5	2008	9	3758	3269	3018	2180	1270	687	674	200809
6	2008	10	6289	4866	4546	3842	2735	1074	314	200810
7	2008	11	11725	10412	9984	8728	6942	6375	5689	200811
8	2008	12	15563	13957	13371	10923	8275	7933	7634	200812
9	2009	1	18017	14908	14587	11730	9332	8561	7657	200901
10	2009	2	15483	11543	10934	9095	7020	6924	6851	200902
11	2009	3	11919	9277	8915	6935	5585	5561	5527	200903
12	2009	4	6690	6509	5943	3710	804	768	694	200904
			106708	87149	82412	65339	45270	40755	37782	

Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.55

Plan Year 2008
Scenario 1021
year=2008 month=5


FREQUENCY
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200
100
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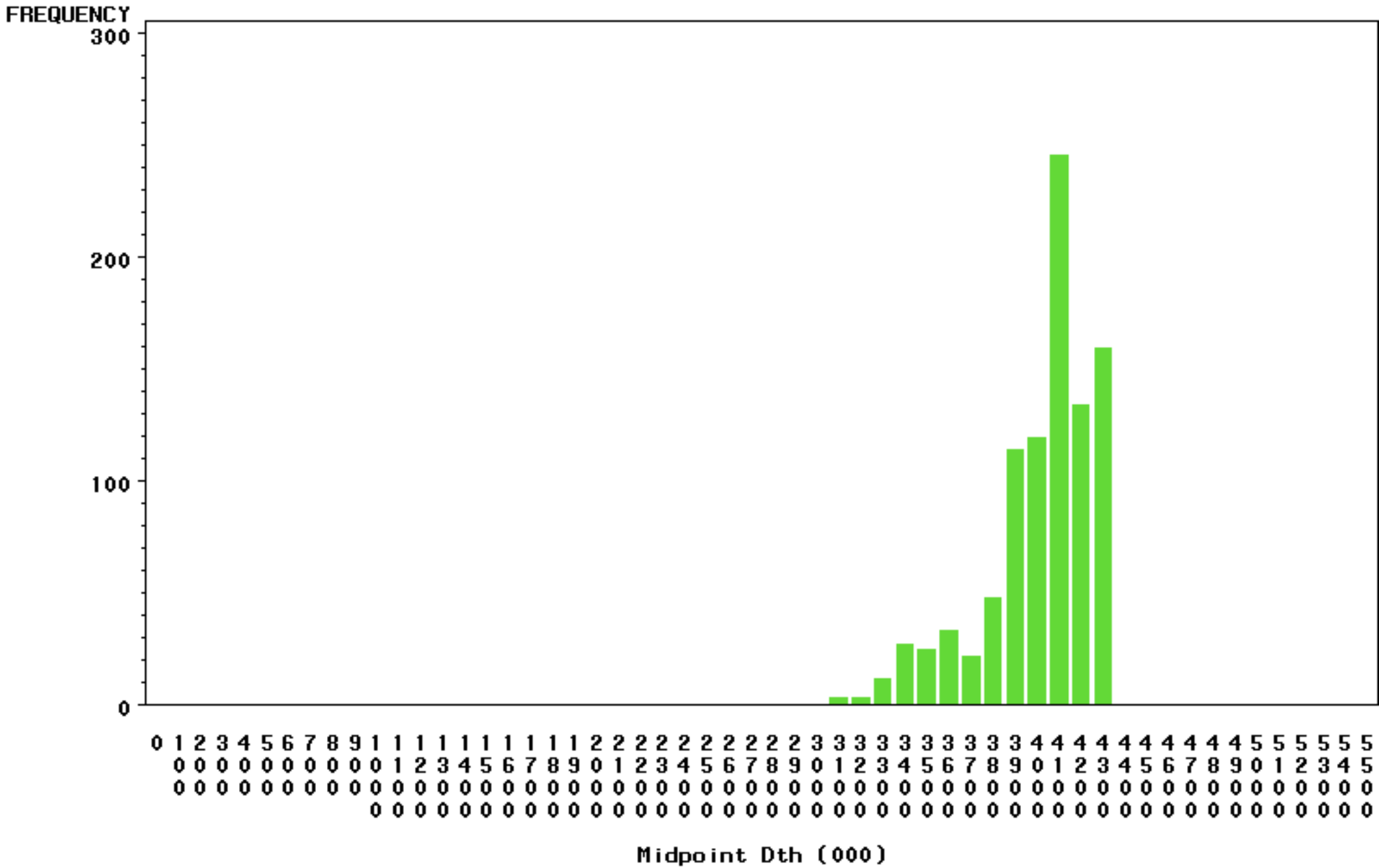
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 0
000 000 000

Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.56

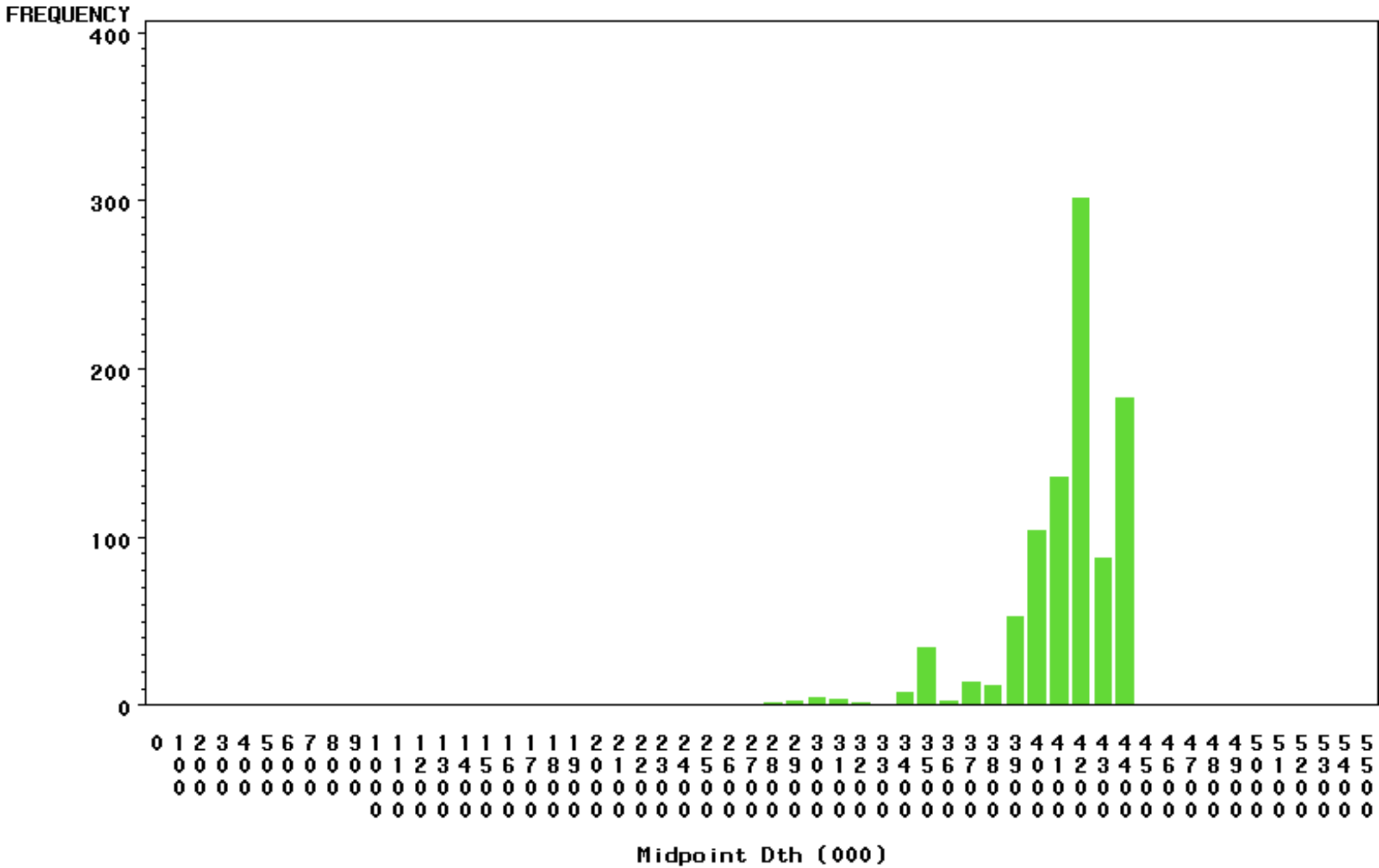
Plan Year 2008
Scenario 1021
year=2008 month=6



Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.57

Plan Year 2008
Scenario 1021
year=2008 month=7


FREQUENCY
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200
100
0
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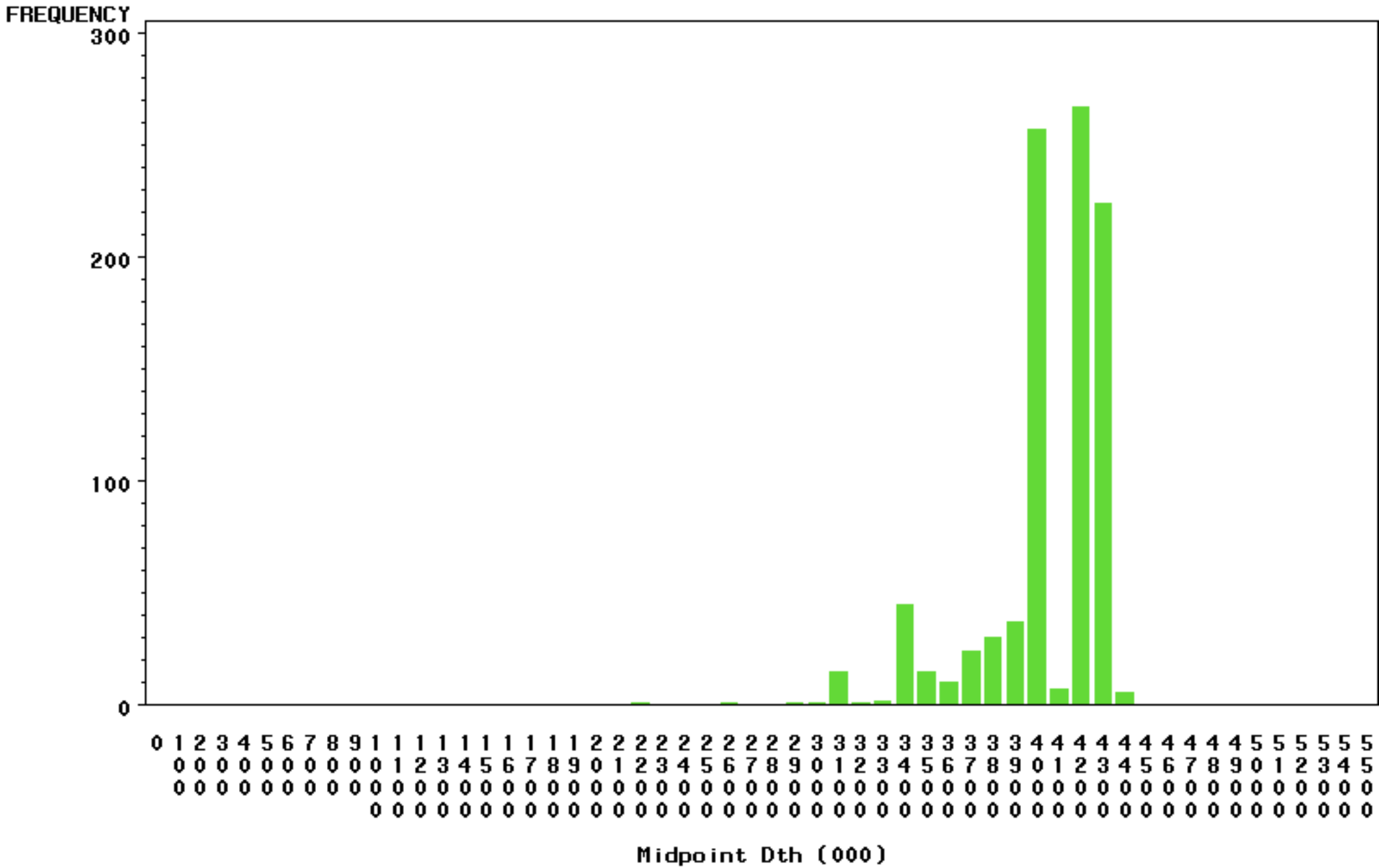
0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 1 2 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9

Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.58

Plan Year 2008
Scenario 1021
year=2008 month=8


FREQUENCY
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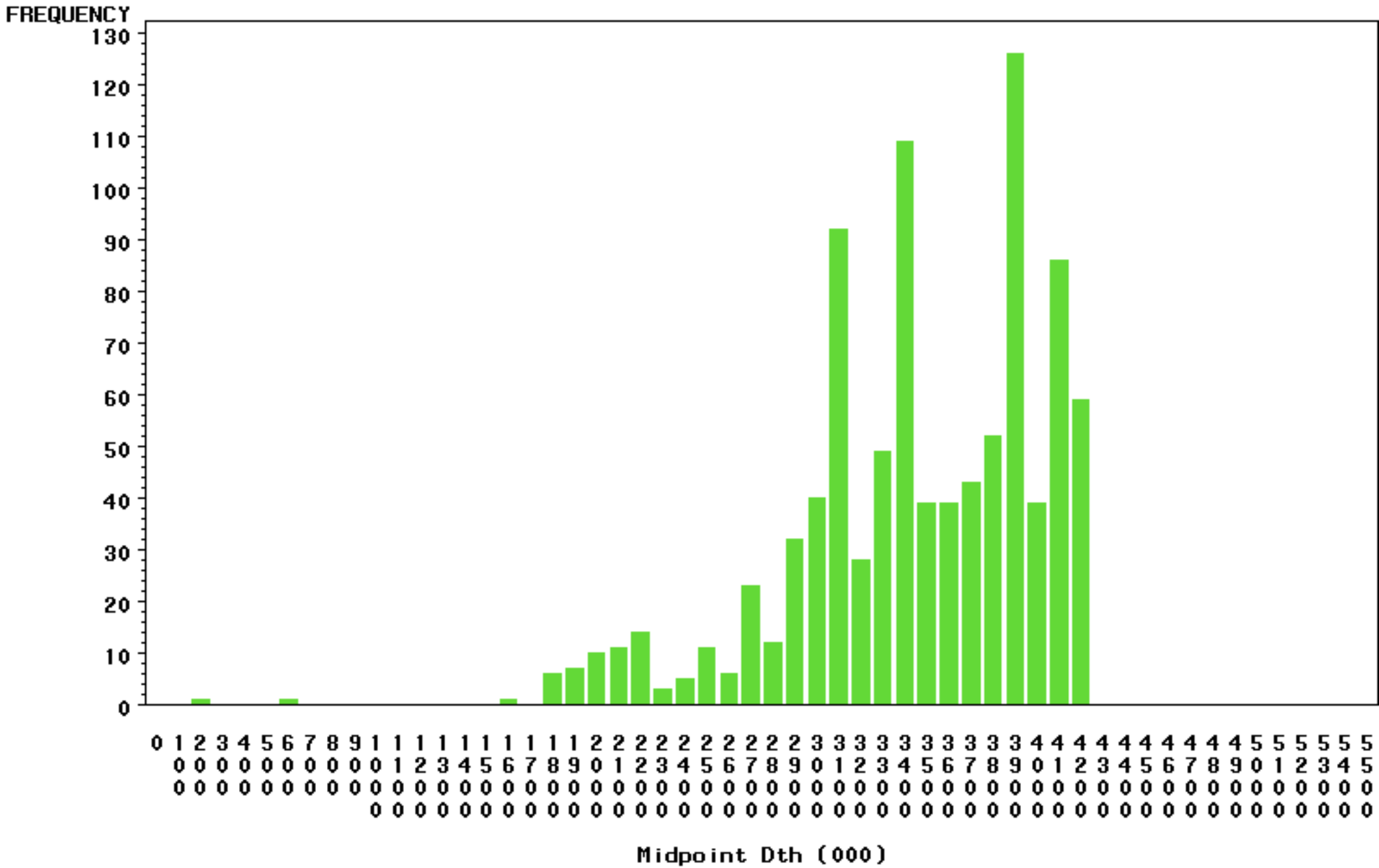
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 0
000 000 000

Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.59

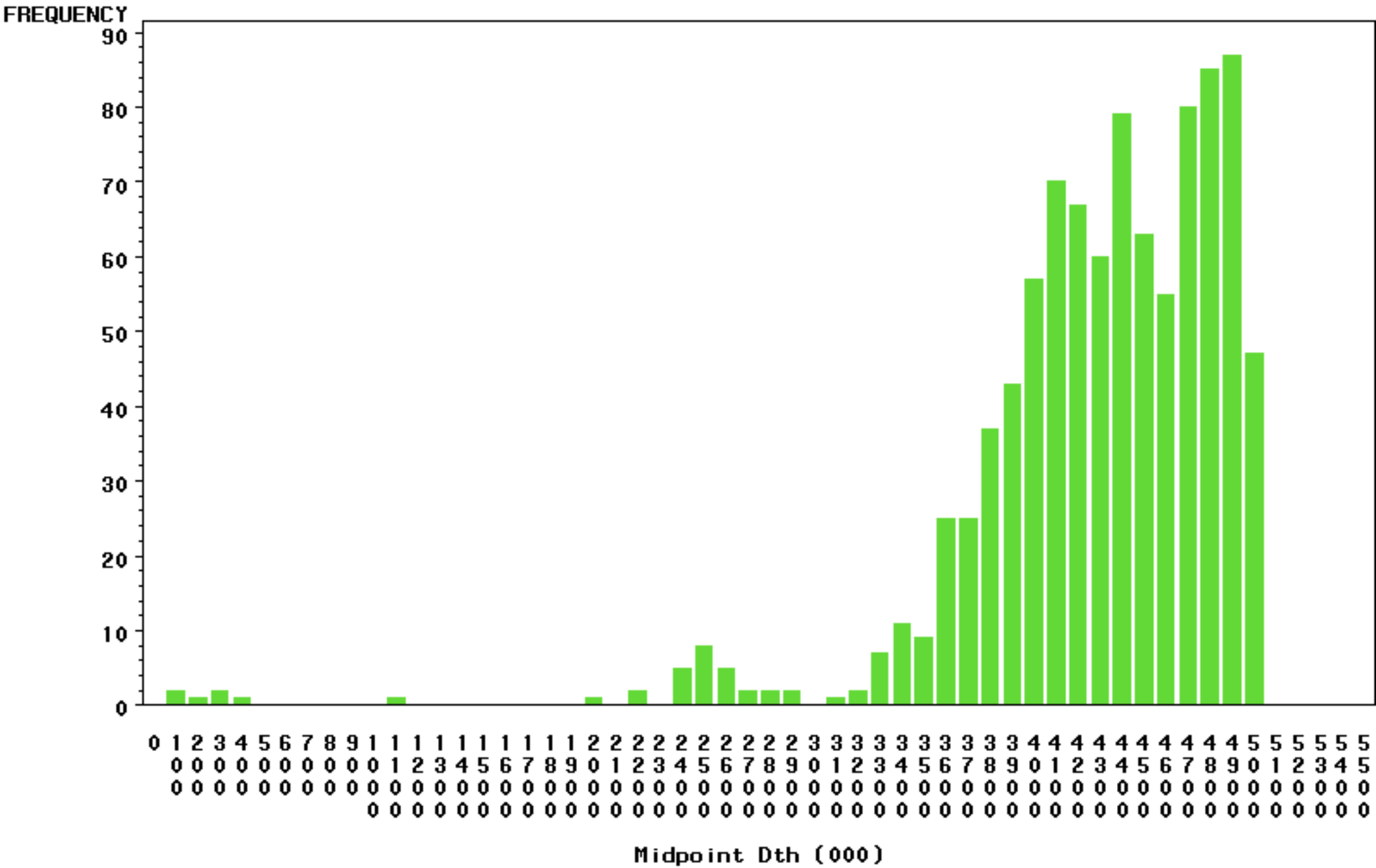
Plan Year 2008
Scenario 1021
year=2008 month=9



Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.60

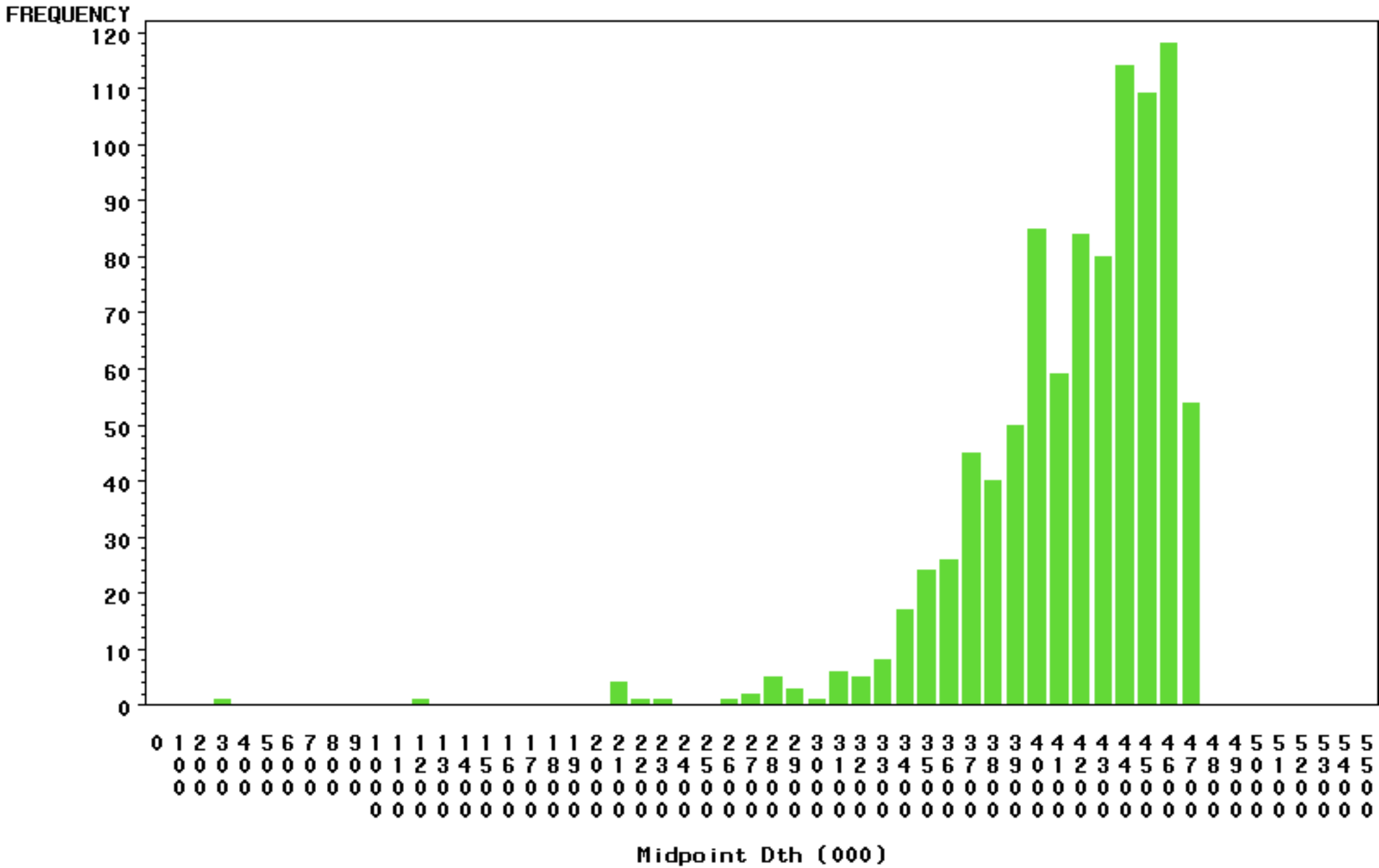
Plan Year 2008
Scenario 1021
year=2008 month=10



Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.61

Plan Year 2008
Scenario 1021
year=2008 month=11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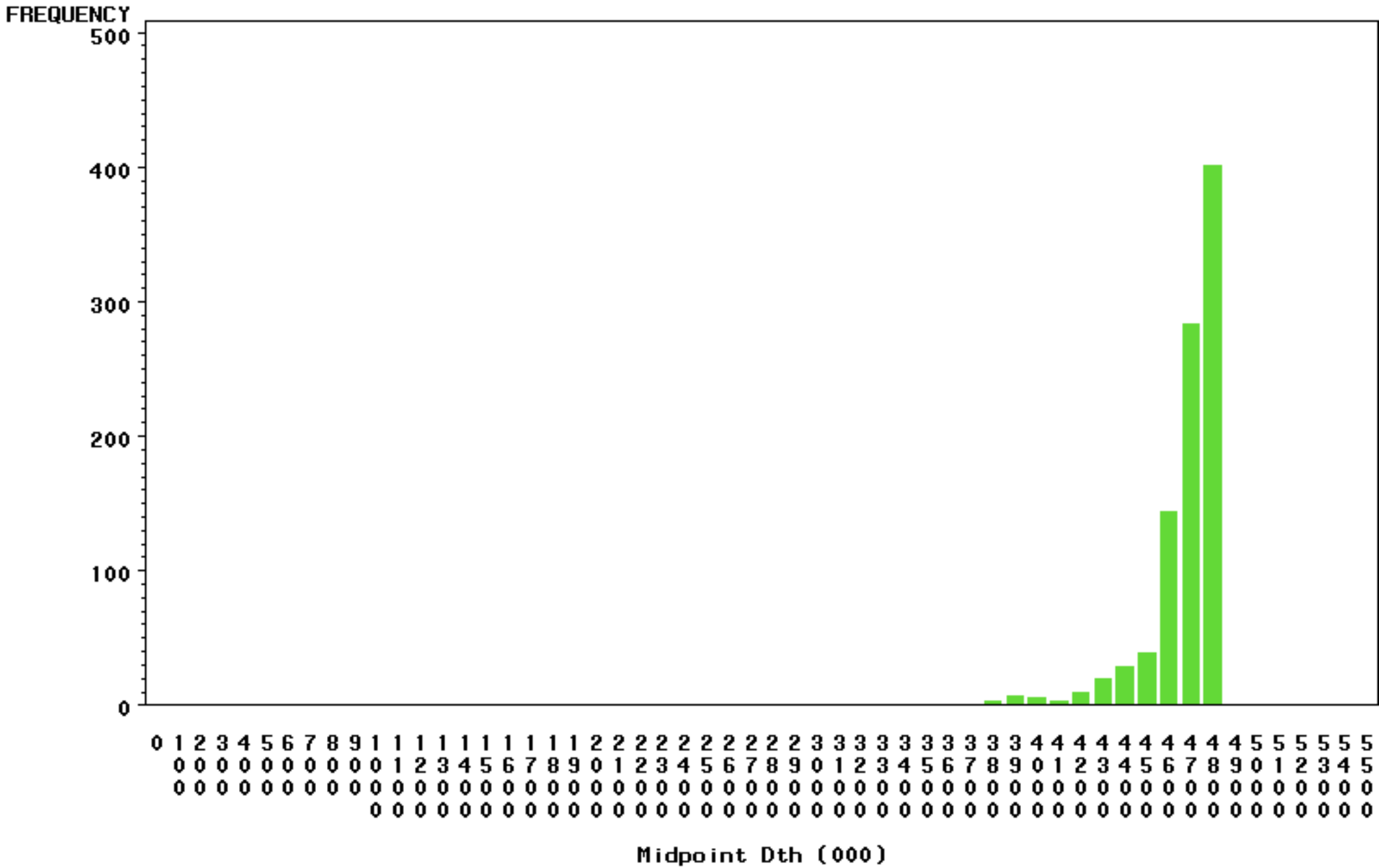
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 0
000 000 000

Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.62

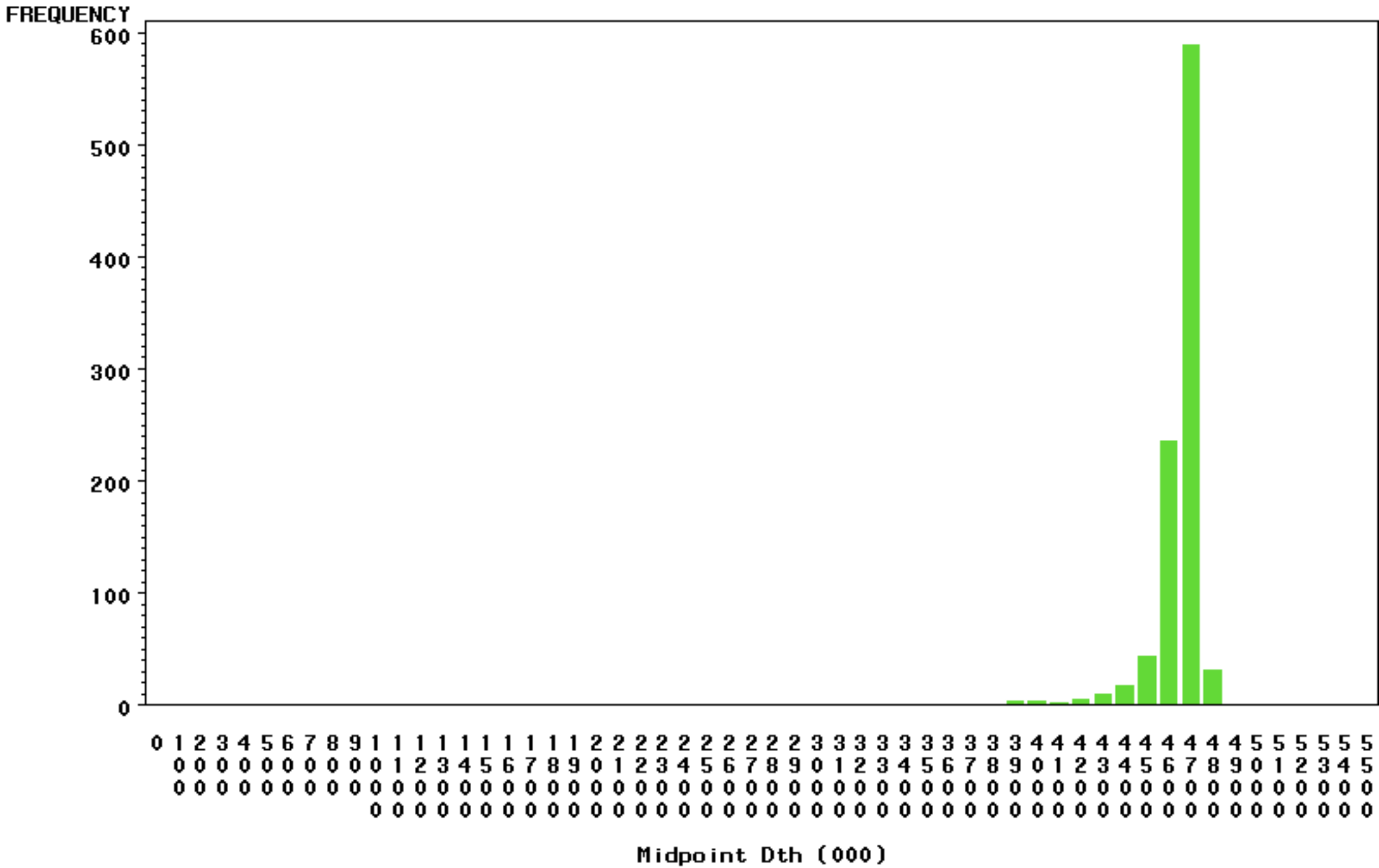
Plan Year 2008
Scenario 1021
year=2008 month=12



Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.63

Plan Year 2008
Scenario 1021
year=2009 month=1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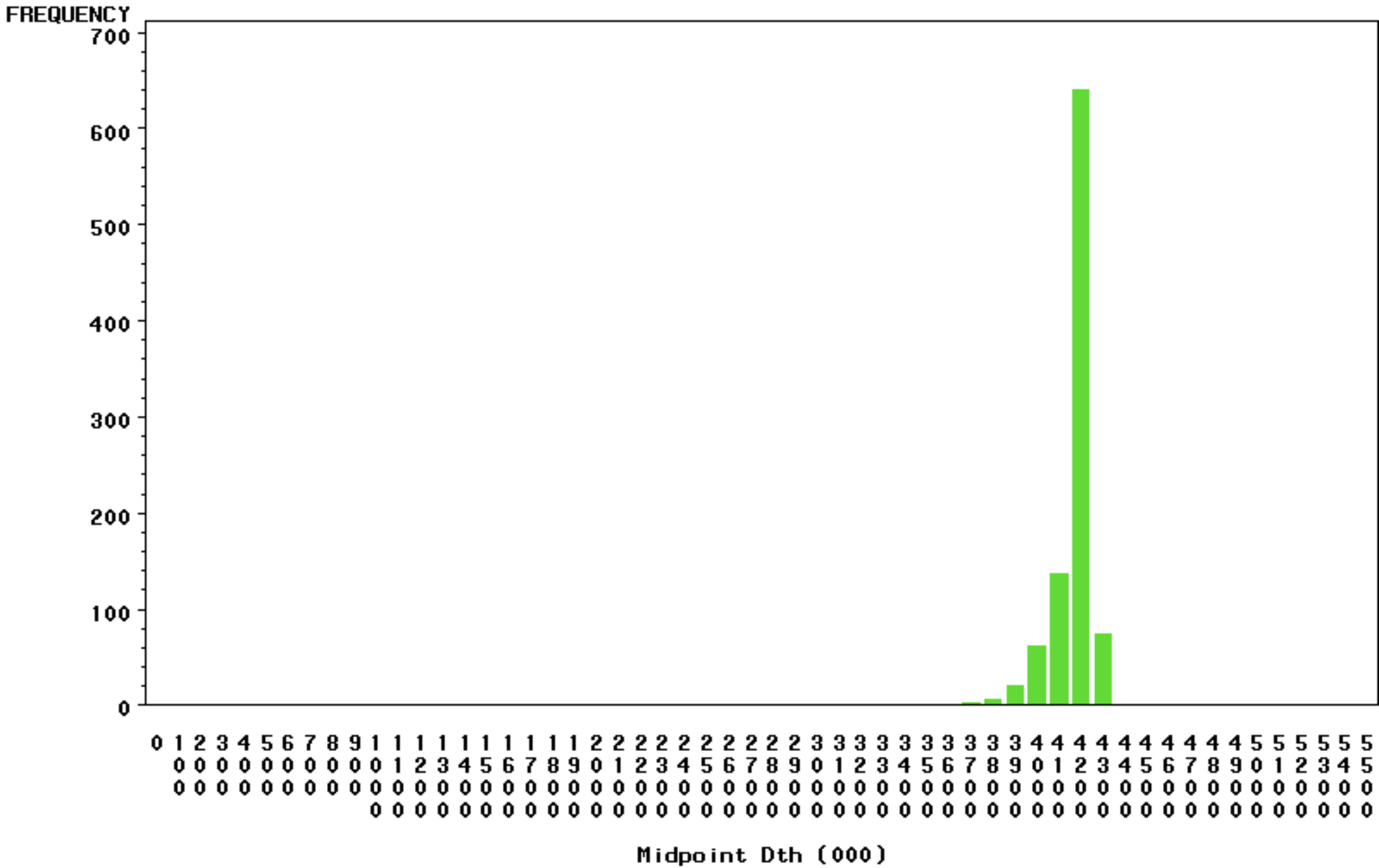
Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.64

Plan Year 2008
Scenario 1021
year=2009 month=2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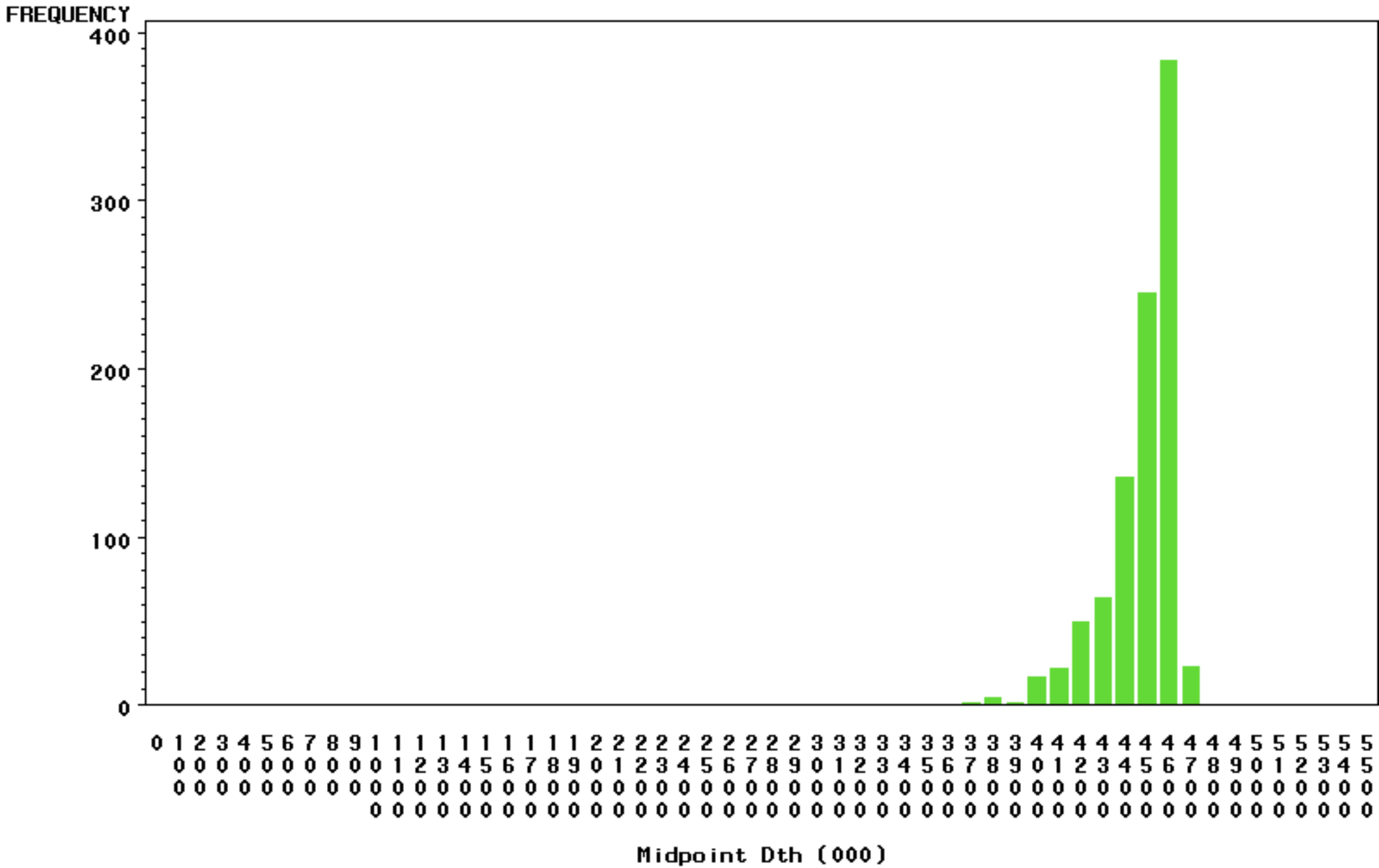
000 000 000

Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.65

Plan Year 2008
Scenario 1021
year=2009 month=3


FREQUENCY
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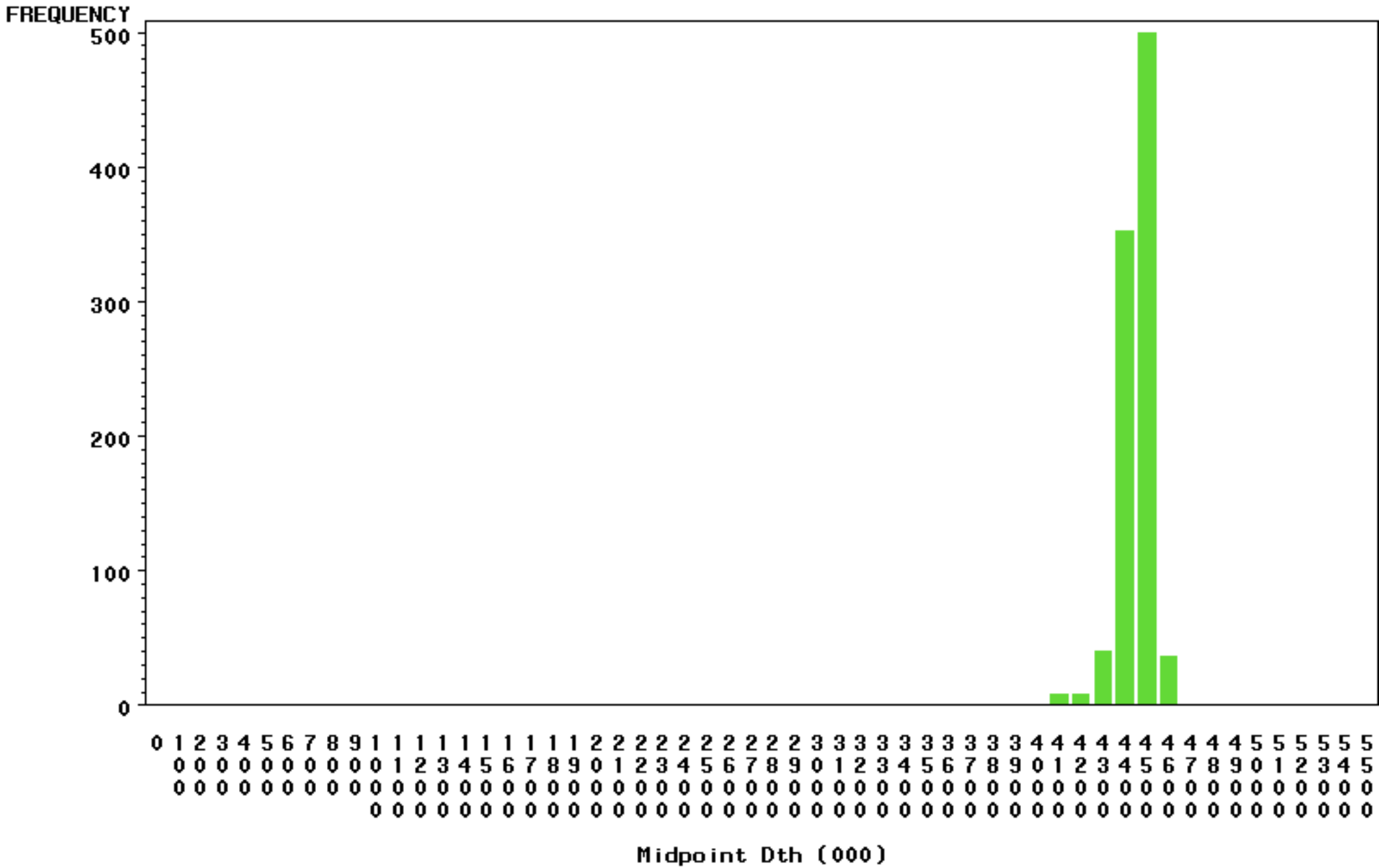
0 0 0

Monthly Cost—of—Service Gas Production Distribution

Exhibit 9.66

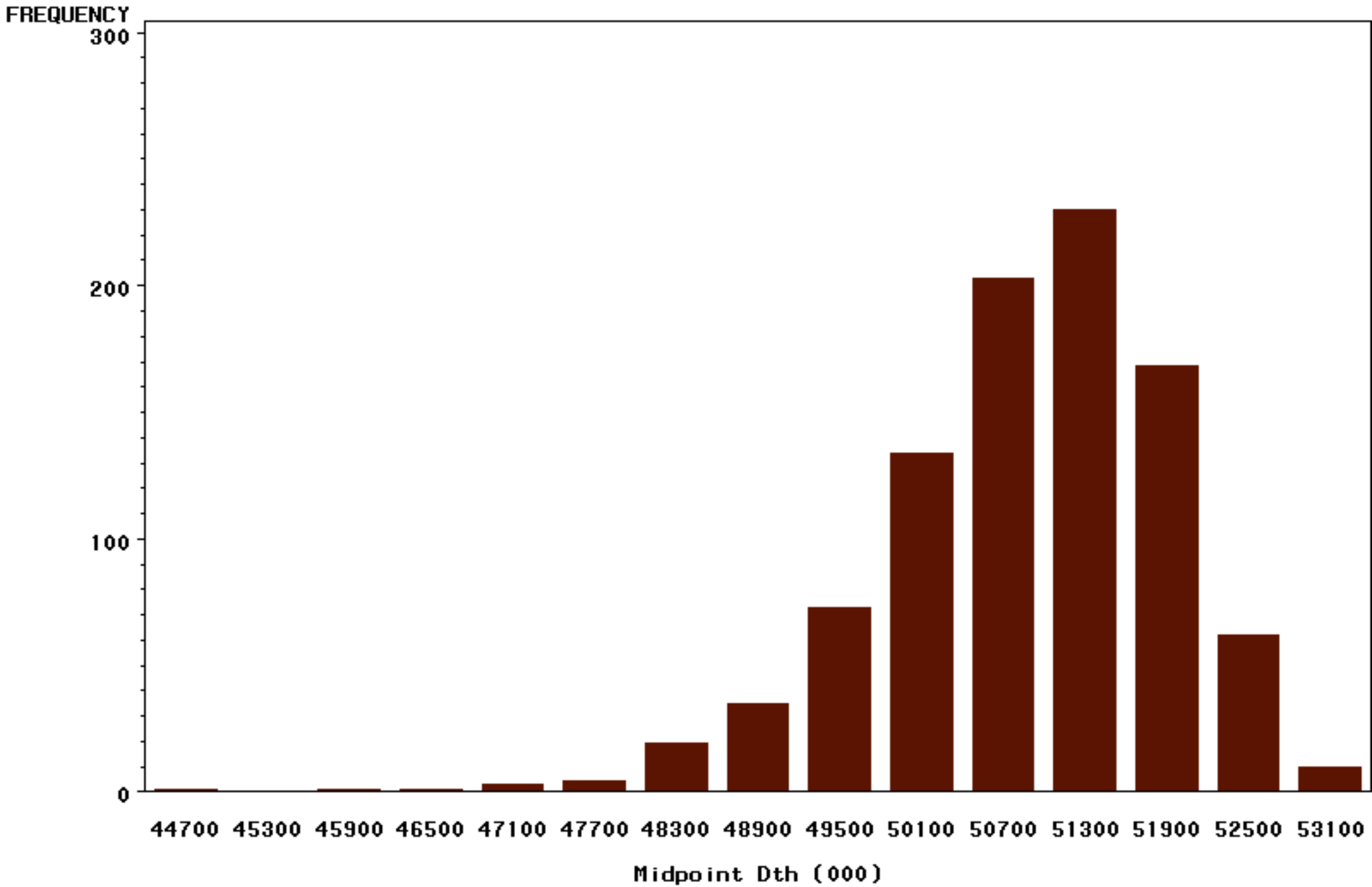
Plan Year 2008
Scenario 1021
year=2009 month=4



Annual Cost—of—Service Gas Production Distribution

Exhibit 9.67

Plan Year 2008
Scenario 1021



Monthly Cost-of-Service Gas Production Distribution
Plan Year 2008
Scenario 1021

Exhibit 9.68
06:49 Tuesday, April 15, 2008

Obs	year	month	max	p95	p90	med	p10	p5	min
1	2008	5	4467.27	4458.85	4456.35	4368.43	4127.06	4040.95	3464.54
2	2008	6	4284.76	4272.11	4265.28	4101.23	3619.16	3455.70	3129.16
3	2008	7	4396.08	4376.60	4370.25	4219.43	3865.59	3539.34	2840.18
4	2008	8	4362.62	4341.14	4330.92	4172.12	3658.76	3425.27	2152.50
5	2008	9	4216.10	4178.76	4069.91	3470.79	2743.61	2224.70	206.60
6	2008	10	5004.23	4946.20	4889.01	4384.30	3672.63	3397.60	118.24
7	2008	11	4711.28	4656.86	4622.39	4256.69	3588.70	3417.82	256.79
8	2008	12	4838.60	4799.58	4791.17	4730.19	4490.39	4338.13	3319.79
9	2009	1	4804.33	4747.90	4740.10	4696.47	4561.11	4451.44	2469.15
10	2009	2	4309.80	4253.92	4247.96	4210.13	4053.24	3972.84	3440.91
11	2009	3	4683.75	4642.27	4629.67	4529.52	4251.90	4154.95	3732.00
12	2009	4	4607.35	4544.64	4536.13	4461.89	4393.25	4335.37	3969.14
			54686.17	54218.82	53949.14	51601.18	47025.38	44754.12	29099.00

Exhibit 9.69

First Year Total System Cost Distribution

2008 Plan Year
Scenario 1021

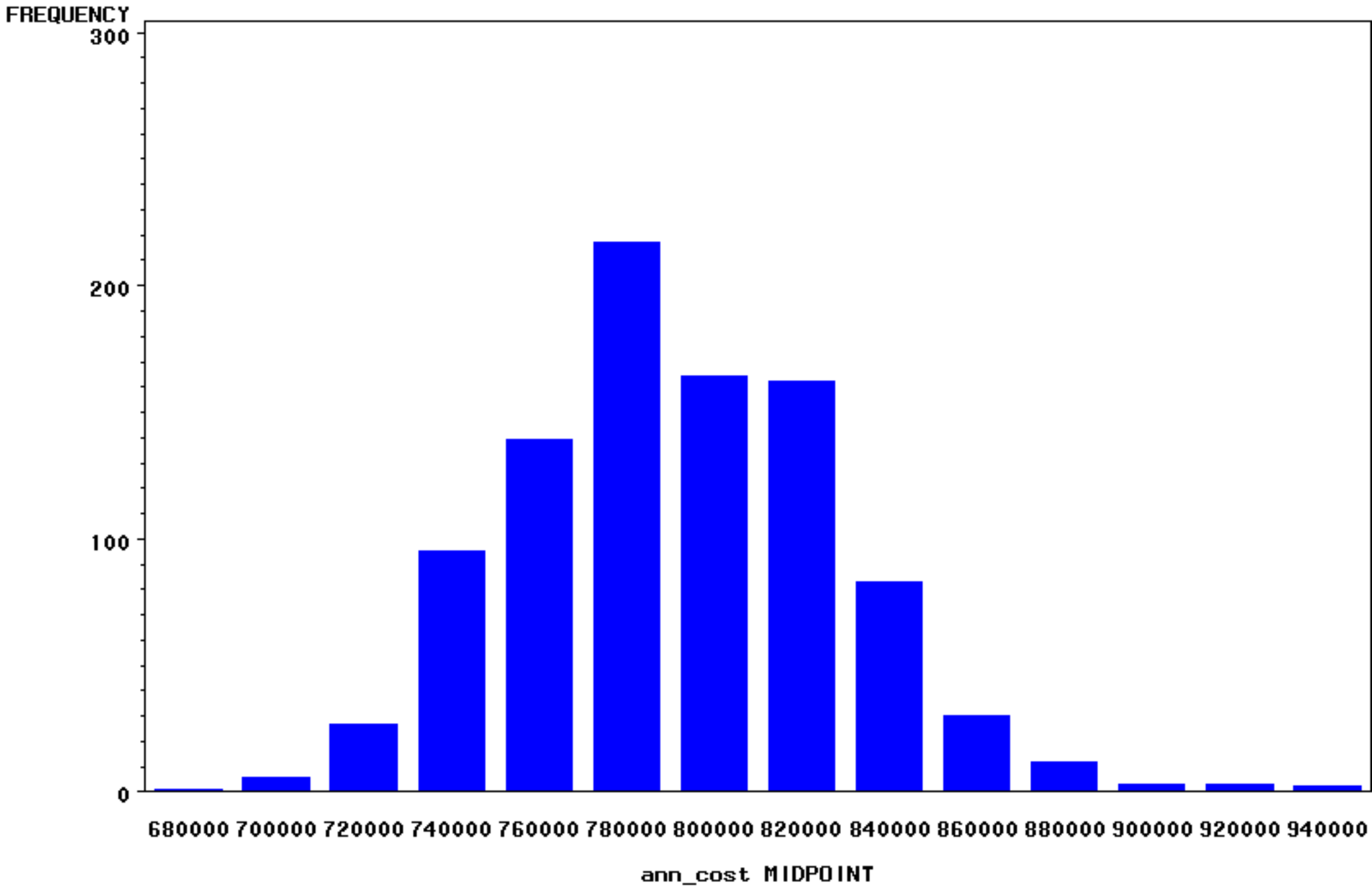
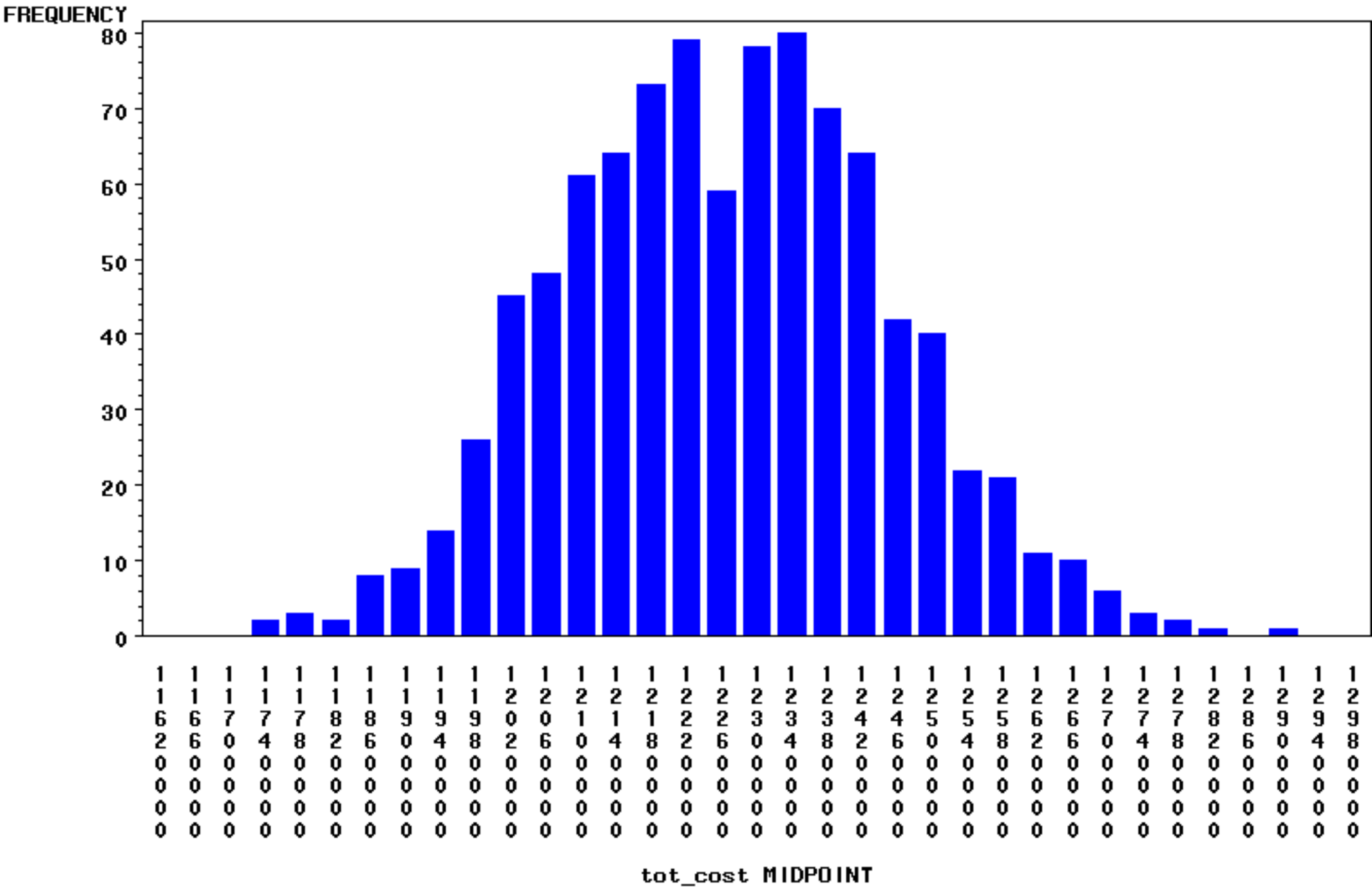


Exhibit 9.70

Total System Cost Distribution

2008 - 2029
Scenario 1021