
**MONTHLY AUDIT REPORT ON THE
SOUTHEAST ENERGY EXCHANGE MARKET**

**FOR
May 2025**

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I. OVERVIEW

This is the May 2025 Auditor report on the Southeast Energy Exchange Market (SEEM). SEEM is an energy market that uses a centralized intra-hour energy exchange to create bilateral trades among its trading participants every 15 minutes. It uses available transmission capability (ATC) of the SEEM members under a transmission service designed for SEEM, called Non-Firm Energy Exchange Transmission Service (NFEETS). It has been operating since November 2022 and now has 24 members.¹

As discussed herein, trading volume in May was 130,000 MWh, an all-time high volume, and an increase from April's 83,000 MWh. The 12-month trailing average in May stands at 92,000 MWh. With an average bid-offer spread of \$9/MWh, the estimated production cost savings from SEEM transactions in May were \$1.2 million. Trading among SEEM members relies on individual transmission path segments connecting the members and trades may span multiple segments. Transmission availability on individual segments varied widely. For many segments capacity is available in every interval. For other segments, availability is zero in many intervals. Considering all intervals and segments, six percent of the time availability was zero and 92 percent of the time a segment was available, and no cleared transaction utilized it. Overall, this indicates widely available transmission. Due to transmission loss costs, transmission constraints, and participant-specific constraints, about 6,000 MWh of potential economic exchanges were left uncleared in May, which is less than the level in April. As explained more below, these are uncleared offers and bids in the same interval where the offer price was less than the bid price by more than the average cost of losses.

SEEM is governed by the SEEM Membership Board. The automated architecture of SEEM was developed and is operated by Hartigen, who also serves as the SEEM Administrator. Our auditing role is directed by the Membership Board in accordance with elements specified in the Market Rules as developed by the Membership Board and approved by the Federal Energy Regulatory Commission (FERC). The results of our auditing are reported to the Membership Board through submission of this Monthly Report. We also have a duty under the Market Rules to respond to inquiries made by regulators and other oversight authorities, including FERC. We received no such inquiries during the period of this report.

¹ The members are: Alabama Power Company; Georgia Power Company; Mississippi Power Company; Associated Electric Cooperative, Inc.; Dalton Utilities; Dominion Energy South Carolina, Inc.; Duke Energy Carolinas, LLC; Duke Energy Progress, LLC; Louisville Gas & Electric Company and Kentucky Utilities Company; North Carolina Municipal Power Agency Number 1; PowerSouth Energy Cooperative; North Carolina Electric Membership Corporation; Tennessee Valley Authority; Georgia System Operations Corporation; Georgia Transmission Corporation; Municipal Electric Authority of Georgia; Oglethorpe Power Corporation; South Carolina Public Service Authority; Seminole Electric Cooperative; Tampa Electric Company; Duke Energy Florida; Florida Power Corporation; TEA Gainesville System Utilities; and TEA JEA.

The SEEM auditing framework is based on the provisions of the SEEM Market Rules Section VI.D. (Auditing Process). These duties are in four main categories. The first duty is to analyze SEEM input, constraints, and matching results to determine if SEEM operates in accordance with the SEEM Rules (SEEM Rules Sections VI.D.1, VI.D.1.4). This is the main day-to-day auditing work and represents most of the activities reported herein.

A second auditing responsibility is ensuring participants have access to SEEM data in accordance with the SEEM Rules (Sections VI.D.2). Access to SEEM data involves allowing each SEEM participant to review its own bids and offers and to view matches made by the system. We are in receipt of the bid and offer data and have verified that this data is available daily.

A third area of responsibility is to report to the Membership Board regarding (1) the reliability and accuracy of the SEEM System, and (2) any complaints received from a Participant to the Membership Board and to investigate further any such complaint at the Board's direction (SEEM Rules Sections VI.D.3, VI.D.1.5). The purpose of Section II of this report is to fulfil our responsibility to report on the reliability and accuracy of the SEEM system to the Board. Regarding complaints from participants to the Board, we were not directed by the Board to investigate any such complaints during the period of this report.

Finally, we have the duty to respond to written questions from Participants, FERC, NERC, state commissions in the region, Tennessee Valley Authority's Inspector General, and any other applicable regulators that oversee the electric operations of any Member regarding the integrity of the matching process (SEEM Rules Sections VI.D.6). We received no such inquiry in May.

In the remainder of the report (Section II), we provide the results of our analysis of the first main area of responsibility: to analyze input, constraints, and matching results to determine whether SEEM operates in accordance with the SEEM Rules. This is in two main parts. First, we review various daily screens that ensure specific inputs, constraints, and energy exchanges have met certain validation metrics. Second, we review the economic activity in SEEM to provide insight into its functioning and performance.

II. AUDITING RESULTS

In this section, we discuss the results of our monthly auditing. In subsection A, we show the results of our daily screening. In subsection B, we present an overview of economic activity.

A. Market Operation Screens

We calculate screens, metrics, and other analyses on a daily basis using market data and other data to meet the auditing obligations in the Market Rules. The screens and metrics are developed in accordance with specific Market Rules requirements and are divided into three main categories:

- Verification of bid/offer parameters;
- Evaluation of SEEM matching; and
- Verification of SEEM System Constraints.

The following three subsections describe the screens used for our auditing. Unless otherwise indicated, these screens are calculated daily for all fifteen-minute intervals.

1. Bid/Offer Parameters

The following screens audit the information provided in participant bids and offers.

- Offers (bids) from a participant must have Participant-Specific Constraints identifying at least three other non-affiliated Participants that can be matched as counterparties;
- All offers and bids must include a source or sink;
- Each offer and bid must have a delivery interval;
- Bids and offers must be 4 MW increments;
- “All or Nothing Selection” must be indicated; and
- The Network Map must be accurate (monthly).

2. Matching

The following screens are used to audit the SEEM matches:

- Match price must not exceed the bid price and must be greater than the offer price;
- Buyer and seller must be distinct participants;
- Participant-specific constraints must be checked for any changes (monthly);
- SEEM benefit calculation must be verified;
- Any maximum offer price declared must bind the transaction; and
- Each match must have a NERC Tag.

3. Constraints

The following screens audit the SEEM constraints.

- Transaction volume must not exceed offer or bid volume;
- The SEEM algorithm must only make energy exchanges that yield positive benefits to both buyer and seller; and
- Transaction volume over each segment must not exceed the segment ATC.

We have data transfer and storage architecture in place to receive SEEM data that supports the calculation of these screens. Apart from screening the network map and the participant-specific constraints (described below), the screens are calculated daily, and we have developed data processing procedures for each of the daily screens. We applied the screens to the May SEEM data and found that in all intervals the screens have indicated that requirements have been met.

For the monthly audit of the network map, we use the initial map developed by Hartigen and the SEEM working groups as a basis for comparing subsequent maps. This map is an electronic file of all sources, sinks, balancing areas, and SEEM transmission segments that comprise the SEEM system. A SEEM segment is an interface between two balancing areas and in many cases is synonymous with the path used by the system. In some cases, the segments are linked together to allow SEEM matches across multiple systems, forming a multi-segment path. The SEEM model allows any number of SEEM segments to be linked in order to find a beneficial trade.

By using this initial map as a basis of comparison, we will take advantage of the lengthy technical process used by SEEM and the SEEM members to develop the map and so we assume it is accurate. It would not be practicable to replicate this initial map. To monitor the map over time, we use the SEEM model's static path configuration database that is used by the model to assess possible paths associated with the sources and sinks offered and bid in each interval. We save a snapshot of this database and compare it to the path configuration database used at the start of each month. We identify and evaluate any changes. There were no changes in May and therefore we conclude the network map is accurate for the current sources and sinks participating in SEEM.

In a similar fashion, we evaluate changes to participant-specific constraints. These are counterparties and balancing areas acceptable to each participant for trades in SEEM, as well as any maximum price constraints. In each interval SEEM uses a set of participant-specific constraints for all participant bids and offers. We check each participant for any excluded sellers or buyers and any max price constraints and identify any constraints that changed during the month. There were a relatively small number of changes to participant-specific constraints that closed and re-opened trade among a small number of counterparties in May. This level of change is not unusual.

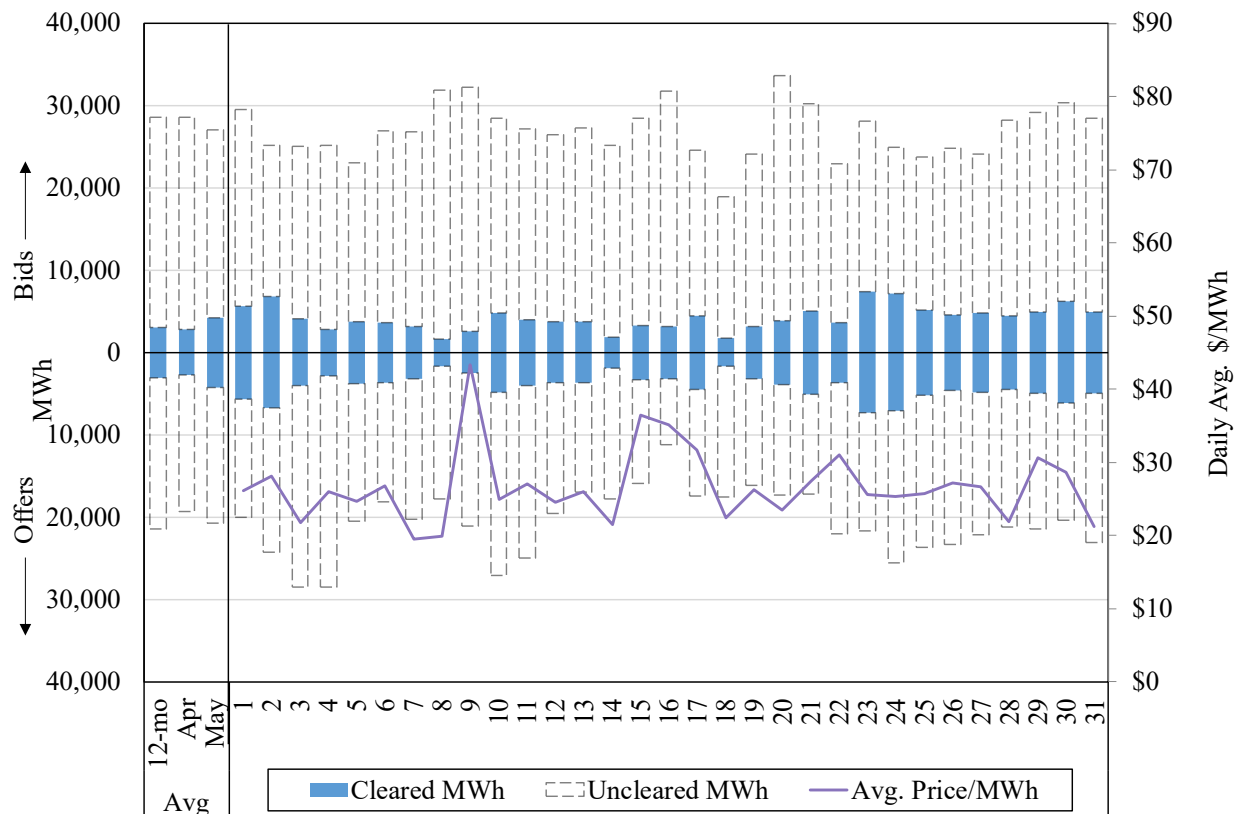
B. Market Activity

In this section, we summarize and discuss SEEM operations and outcomes to illuminate any potential operating or market issues. Our evaluation is in two principal areas. First, is an overall review of the market trading, including volumes, prices, and characteristics of participation. Second is an evaluation of network usage, focusing on the key transmission paths and constraints.

1. Market Outcomes

SEEM cleared nearly 130,000 MWh of energy in May, which is below the trailing 12-month average of 92,000 MWh. The average clearing price in May was \$27/MWh. Figure 1 shows the daily SEEM bids and offers for May along with the daily average clearing price. Each bar represents the daily total MWh volume of SEEM activity. The bids and offers are divided between cleared bids to buy (blue bar above the x axis) and cleared offers to sell (blue bars below the x axis). The transparent bars stacked above the bids and below the offers are the uncleared bids and offers.

Figure 1: Daily Bids and Offers and SEEM Clearing Price
May 2025



The left side columns show activity relative to the previous month and relative to the 12-month rolling average.

The individual days in Figure 1 show some variation in offers, bids, and cleared transactions across the month. We maintain an ongoing evaluation of key market drivers and outcomes. Table 1 shows statistical evaluation of these variables.

Table 1: Market Correlation Statistics
November 2023 - May 2025

		Correlation Coefficients	
		Degree Days	Price
1	Trade Volume	-0.048	0.177
	<i>p value</i>	0.246	0.000
2	Offer Volume	-0.349	-0.142
	<i>p value</i>	0.000	0.001
3	Bid Volume	0.240	0.079
	<i>p value</i>	0.000	0.059
4	Price	0.027	
	<i>p value</i>	0.515	

Note: Highlighted values are statistically significant.

The first entry in row 1 of the table shows the lack of statistical relationship between DD and cleared trades over time. This is likely the result of a divergence of offer and bid response during extreme events, as we have noted in past reports when extreme weather has occurred. In particular, row 2 shows Offer Volume is negatively correlated with DD, while row 3 shows bid volume is responsive (positively correlated).

The second entry in Row 1 shows a statistically significant correlation between clearing prices and DD. To interpret these results, it is important to note that both Trade Volume and Clearing Price are cleared equilibrium values, determined by intersection of supply (offers) and demand (bids). When the clearing price and clearing quantity are positively correlated, this indicates a market where demand is fluctuating more than supply. In other words, shifts in demand dominate shifts in supply.

The second entry in row 2 in the table shows a statistically significant *negative* correlation between supply offers and clearing price, something that is consistent with economic theory: an increase (decrease) in supply will lead to lower (higher) prices, thus a negative correlation. Similarly, in the second entry in Row 3 of the table, the statistically significant positive correlation between Bid Volume and DD price is expected from economic theory because higher

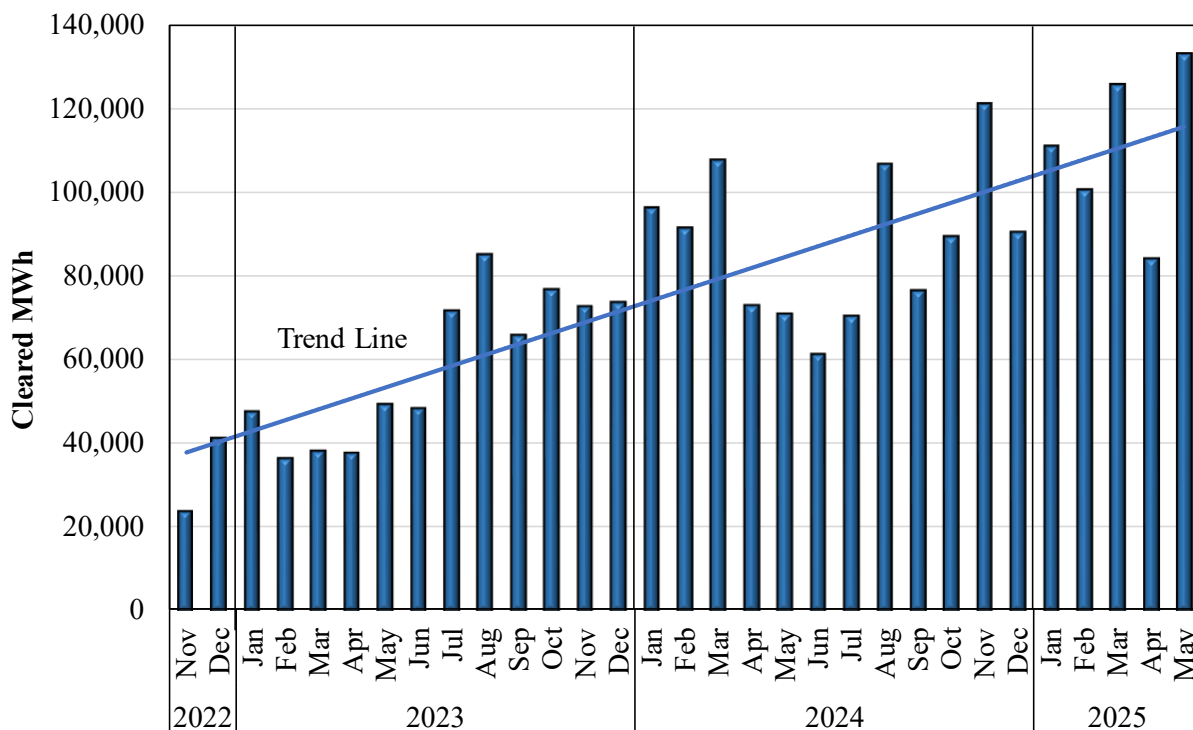
regional demand (DD) will result in more participants seeking power supplies in SEEM. There is also a positive statistical correlation² between Bid Volume and clearing price. In theory, the correlation could be in either direction – a positive correlation if the clearing price influenced by higher demand; a negative correlation if the clearing price is dominated by more expensive supply.

Finally, in Row 4 of the correlation matrix in the table reports no correlation between price and DD, although a strong positive correlation would be expected from economics: high overall demand tends to result in higher prices.

Overall, the statistical relationships tend to support a well-functioning market, with most market variable behaving as expected in a competitive market.

Figure 2 shows the cleared trades on a monthly historical basis. It shows a variable volume of cleared trades over time and with the estimated trend line indicating a strongly growing market.

Figure 2: Monthly Volume of Cleared Trades
November 2023 - May 2025

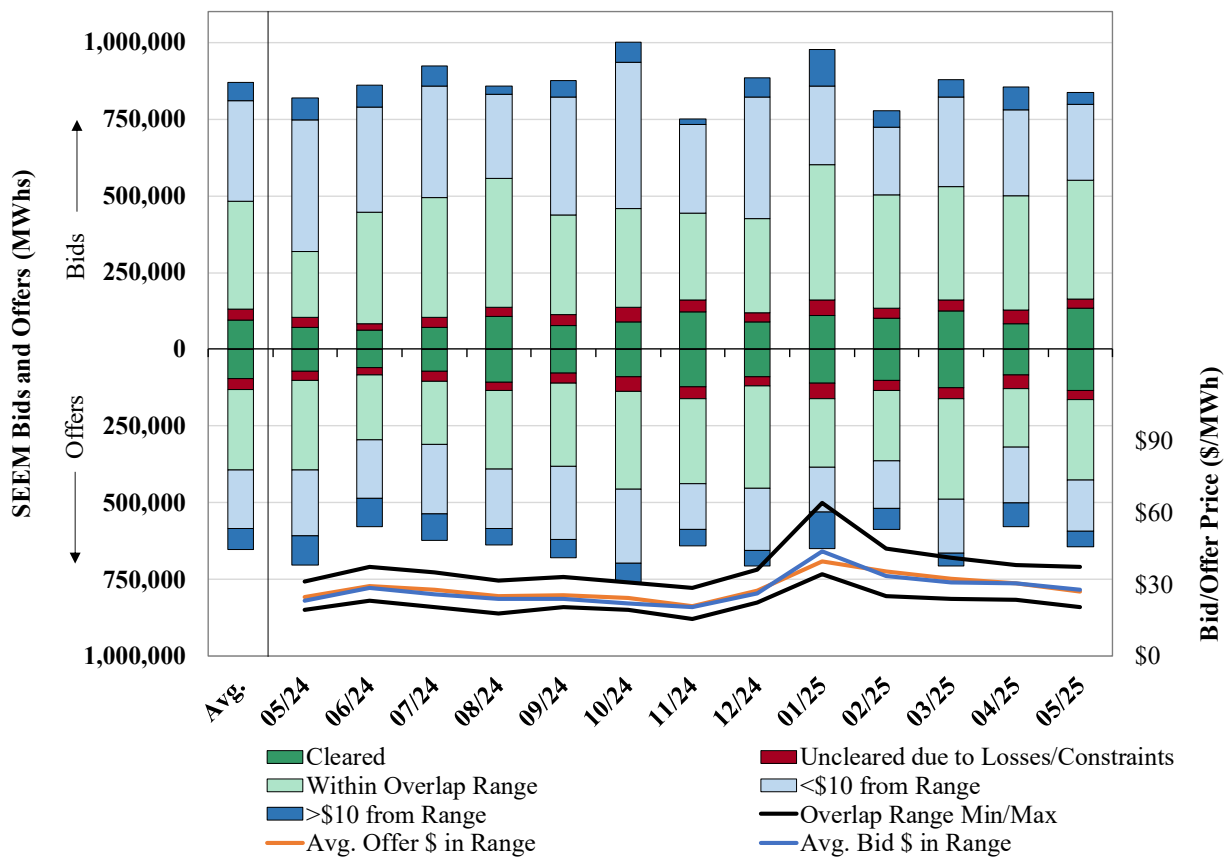


² Statistically significant at the 90% level.

Figure 3 shows our evaluation of market liquidity trends. The dark green bars are the cleared bids and offers. The rest of the bar segments are various categories of uncleared bids and offers:

- The red segment shows uncleared economic bids and offers. These transactions appear to be profitable, but do not clear because of the cost of losses or a constraint (explained below).
- The light green bars show bids and offers that were not cleared but were within the indicated cleared bid-offer spread – i.e., from the lowest cleared offer to the highest cleared bid. Bids and offers in this group do not clear because there are not sufficient counterparties to clear all of them – i.e., the counterparty bids/offers that could be economic have already been matched to another bid/offer with greater savings.
- The light blue bars show bids/offers within \$10 of the overlap range (\$10 or less outside the cleared bid-offer range).
- The dark blue bars show bids/offers greater than \$10 of the overlap range – i.e., offers to sell that are >\$10 higher than this highest bid or offers to buy energy <\$10 less than the lowest supply offer. Participants likely do not expect these to clear.

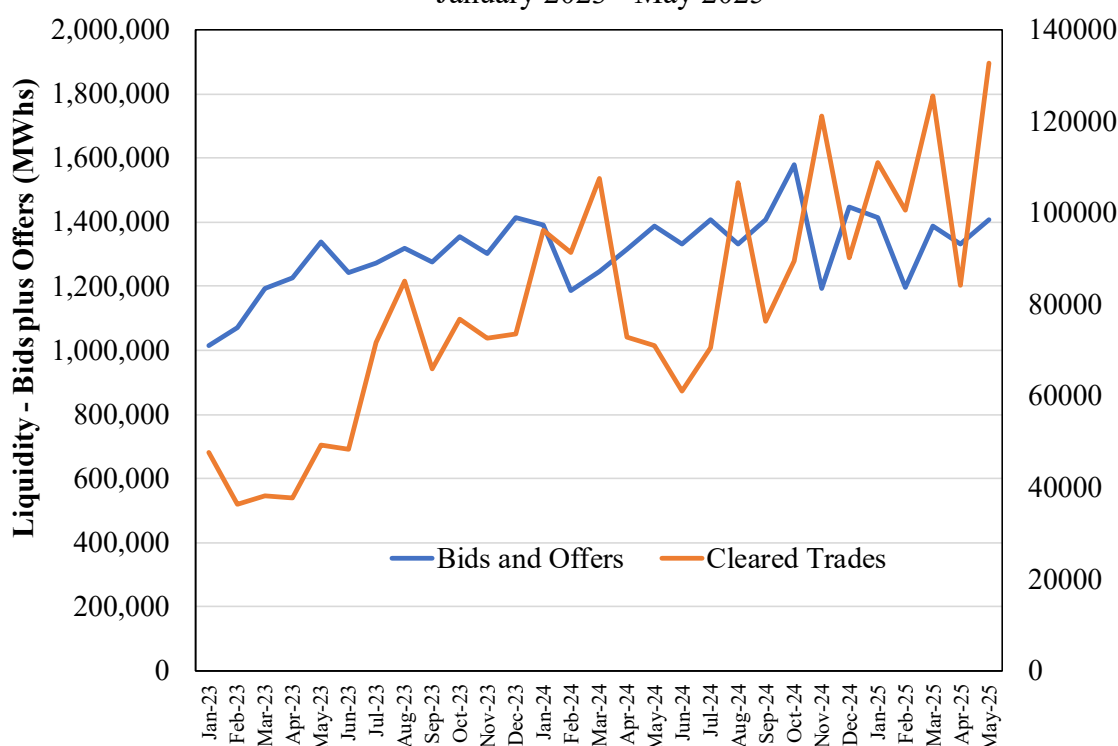
Figure 3: Bid and Offer Evaluation



In Figure 3, the total size of the stacked bars (both bids and offers) are an indication of market liquidity. In general, there tends to be more bids (varying around 750,000 MWh) than offers (varying around 600,00 MWh).

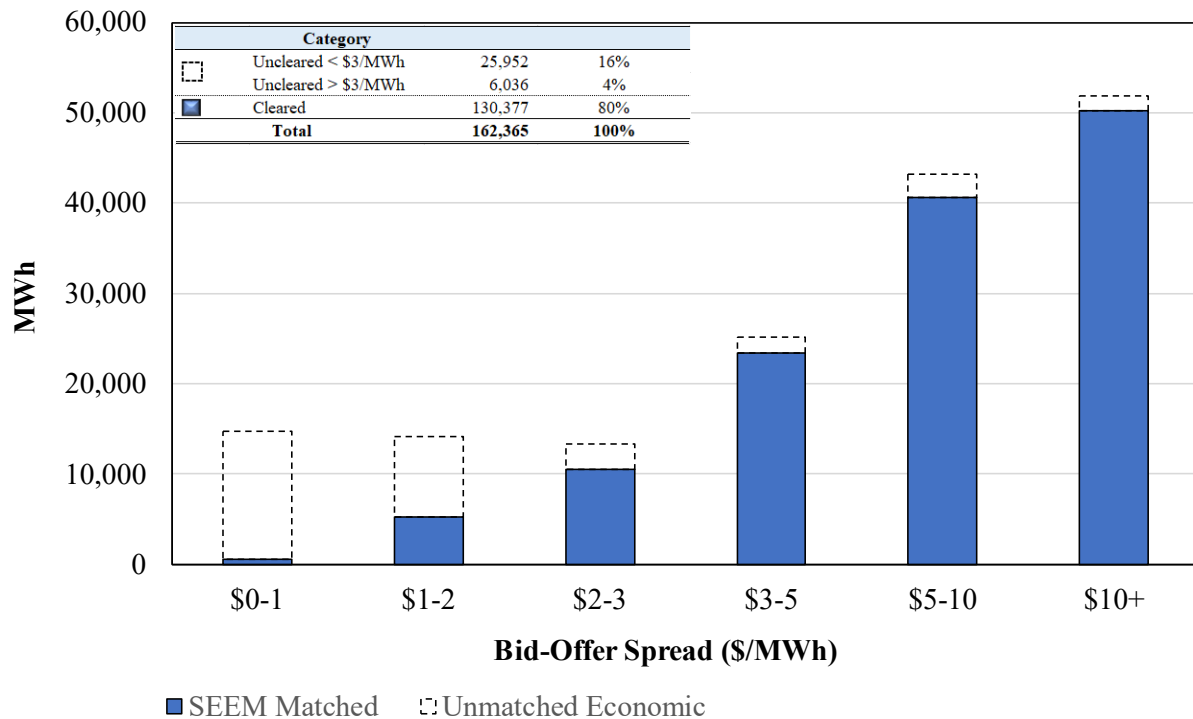
The bars in Figure 3 can be converted to total magnitude in order to create a rough measure of liquidity (bids plus offers). We then can compare this to cleared trades to assess market development. This is shown in Figure 4. The figure shows liquidity (bids and offers) is relatively steady, while cleared trades show a definite uptrend. This suggests intensified activity and is a positive indicator for market performance.

Figure 4: Liquidity v Cleared Trades
January 2023 - May 2025



Like in previous months, our evaluation of uncleared bids and offers found a notable volume of uncleared bids and offers with economic overlap in the sense that in an interval there were uncleared bids whose bid price was greater than some uncleared offer prices in the same interval. Of course, most economic uncleared matches have a small bid-offer spread, and likely are not matched due to transmission losses that render the trade uneconomic. However, there are some economic uncleared matches with substantial spreads. Figure 5 shows a summary of the cleared and uncleared matches. Each stacked bar shows the SEEM matches (blue bar) and the economic unmatched (transparent bar) at the given bid-offer spread. For example, the first blue bar shows SEEM matches where bids exceed offers by up to \$1 – there are very few because that spread would not pay most transmission loss cost. The transparent box shows considerable uncleared economic bids and offers that did not clear at spreads up to \$1.

Figure 5: Cleared and Uncleared Economic Matches
May 2025



To understand why economic bids and offers may not have cleared, it is useful to examine the bid-offer spread. Average loss charges are roughly \$2 per MWh, although some potential economic matches would incur higher loss costs. Therefore, in the inset table, we divide totals between bid-offer spreads above and below \$3 per MWh. Those below \$3 are likely to have not cleared because of the costs of losses, well most of those that did not clear at spreads above \$3 likely did not clear because of transmission constraints or participant constraints. The inset table also shows that over the entire period, 80 percent of the economic transactions cleared. The costs of transmission losses were likely the most significant factor that prevented transactions from clearing. This is because in each of the periods most of the uncleared economic transactions were those with spreads of less than \$3 per MWh.

Trades clearing in SEEM offer participants the ability to reduce output from higher-cost resources and replace it with lower-cost ones. In May, the bid-offer spread averaged \$9/MWh. With 130,000 MWh cleared, there is approximately \$1.2 million in production cost savings at least.³ Figure 6 shows (the lower bound of) estimated production cost savings for each month since SEEM inception. The red line shows the cumulative savings. Cumulative savings of \$19 million.

³ There is likely more production cost saving than the data shown because the bids (offers) are likely to be slightly lower than the true cost of buyers (higher than the true cost to sellers) due to the split-the-savings nature of SEEM. In a split-the-savings auction like SEEM, participants will improve their payoff by slightly lowering bids and raising offers in an attempt to get a split closer to their counterparty's bid or offer.

Figure 6: Estimated Production Cost Savings

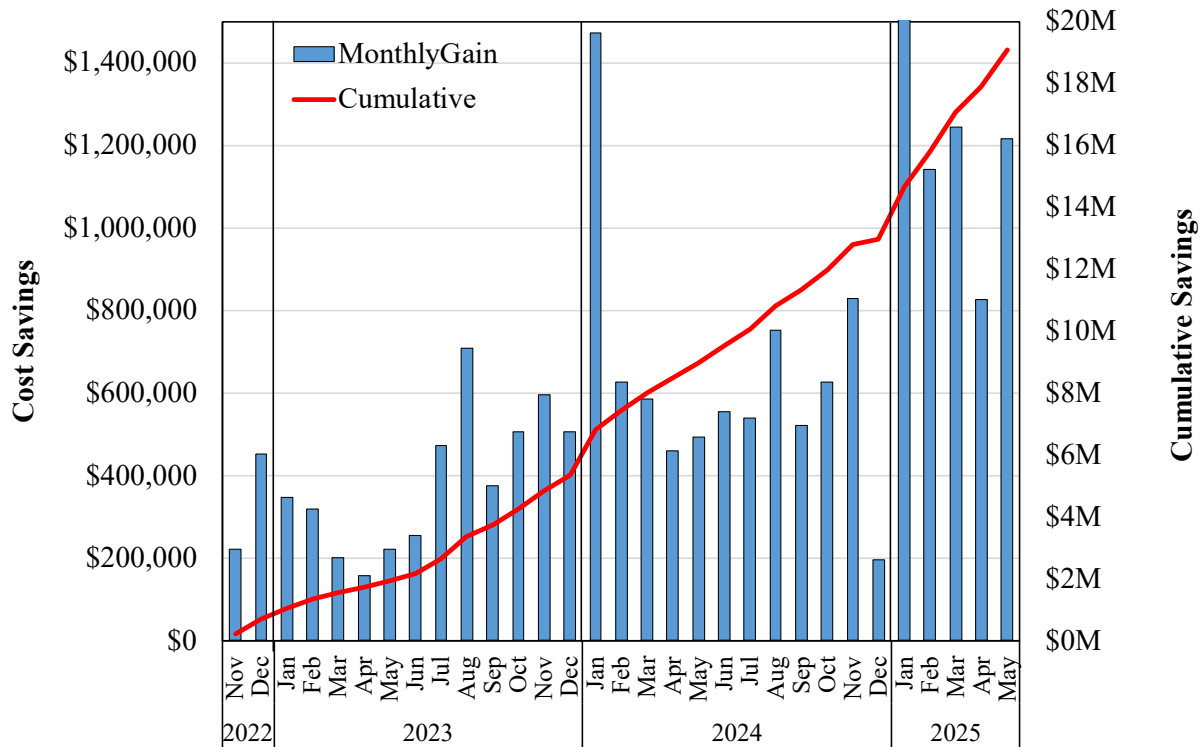
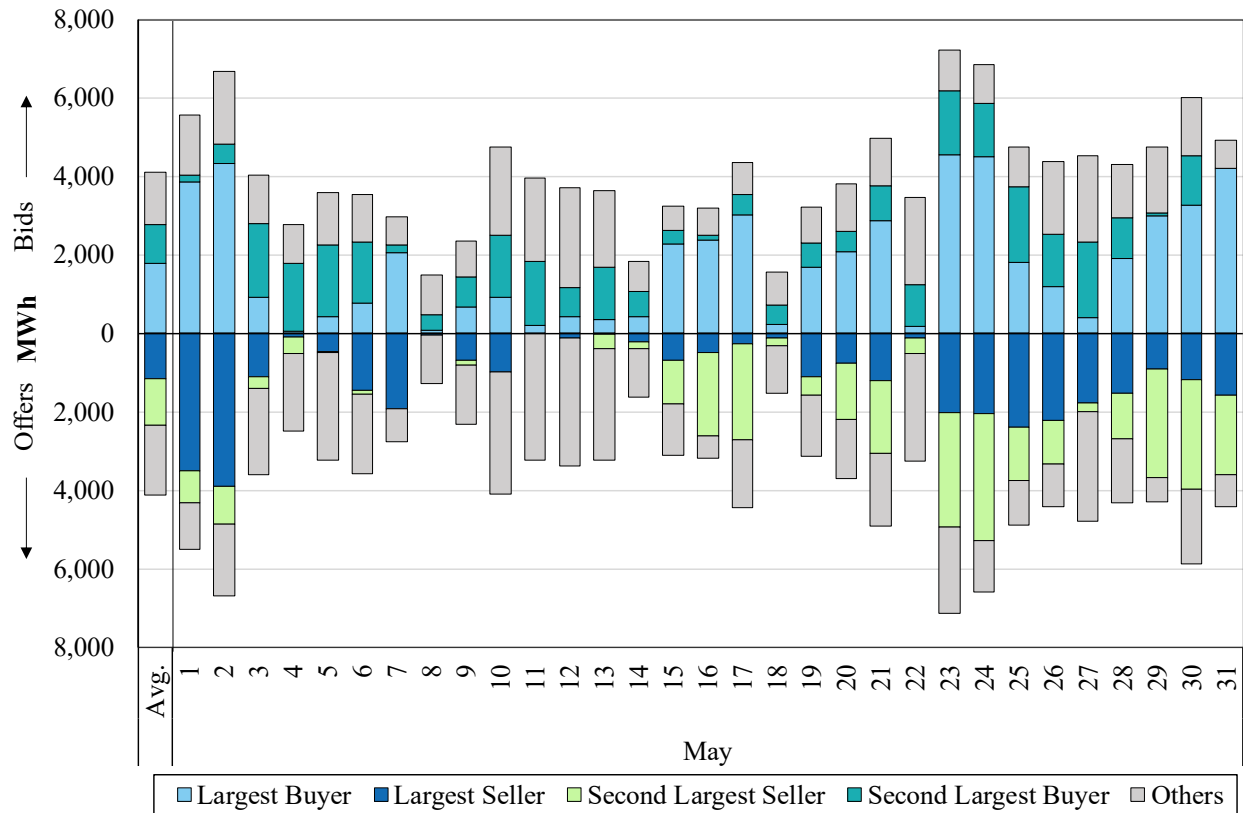


Figure 7 shows more detail on the matched bids and offers by showing the matches by the largest market participants. Like the prior figures, the bars above the x axis are cleared bids and the bars below are cleared offers. The bars in this figure are divided by the top two participants and then all the rest.

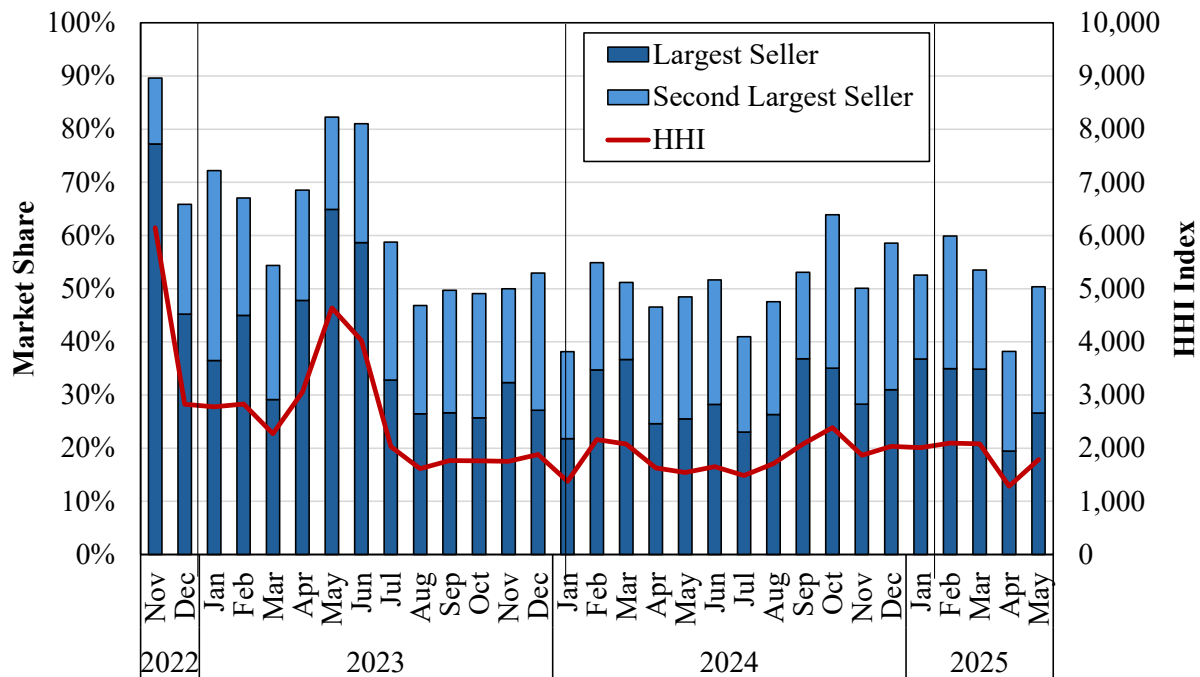
Figure 7: Volumes of Matched Bids and Offers
May 2025



The figure shows certain buyers and sellers comprise significant shares of the transaction activity. For the month, 44 percent of the sales were made by a single seller and 24 percent of the purchases were made by a single buyer.

In the next figures, we present a time series of market shares and concentration. Economists measure market shares to get a general view of the competitiveness of a market. It is not determinative of the existence of market power, but it is useful for an overall view. Figure 8 shows the monthly share of matched transactions of the largest two sellers along with the Herfindahl Hirschmann Index (HHI), defined below. The bars in this figure stack the two top sellers during the month.

Figure 8: Seller Market Share and Concentration Statistics
November 2022 – May 2025

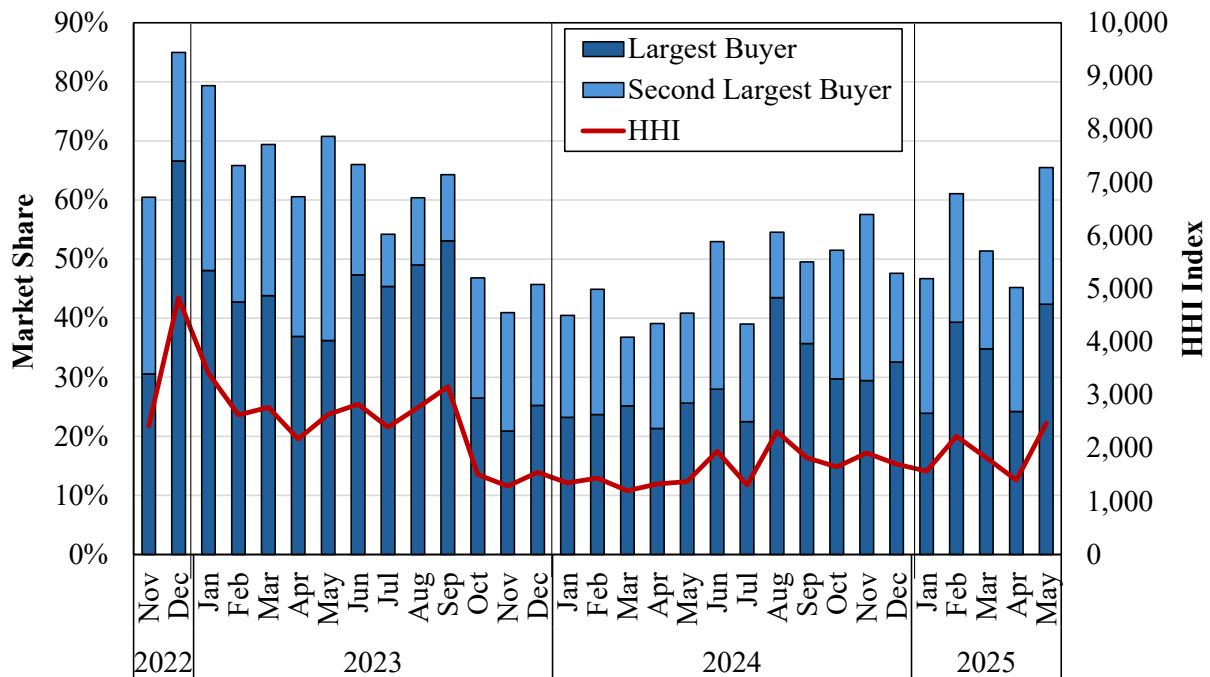


Not surprisingly, the share of the top seller, as well as the share of the top two, declined once the Florida participants fully joined in July 2023. The chart also shows that the HHI has declined. The HHI is a measure of market concentration and is used to determine market competitiveness, often on a relative basis over time or as a result of structural changes like a merger or divestiture. It is calculated by squaring the market share of each firm competing in a market and then summing the resulting numbers. It can range from close to 0 to 10,000, with lower values indicating a less concentrated market. A single-seller monopoly market would have an HHI of $10,000 = 100 \times 100$. A perfectly competitive market where no firm has an appreciable market share, the HHI is close to zero. The US antitrust agencies (FTC and DOJ) consider markets with:

- HHI greater than 1800 to be highly concentrated;
- one with an HHI between 1000 and 1800 to be moderately concentrated; and
- one with an HHI less than 1000 to be unconcentrated.

The HHI indicates that the SEEM market has been highly concentrated in most months. However, the HHI has come down over time and has remained close to 1800. Although this is close to the highly concentrated range, it has been falling. Figure 9 shows the buyer concentration.

Figure 9: Buyer Market Share and Concentration Statistics
November 2022 – May 2025

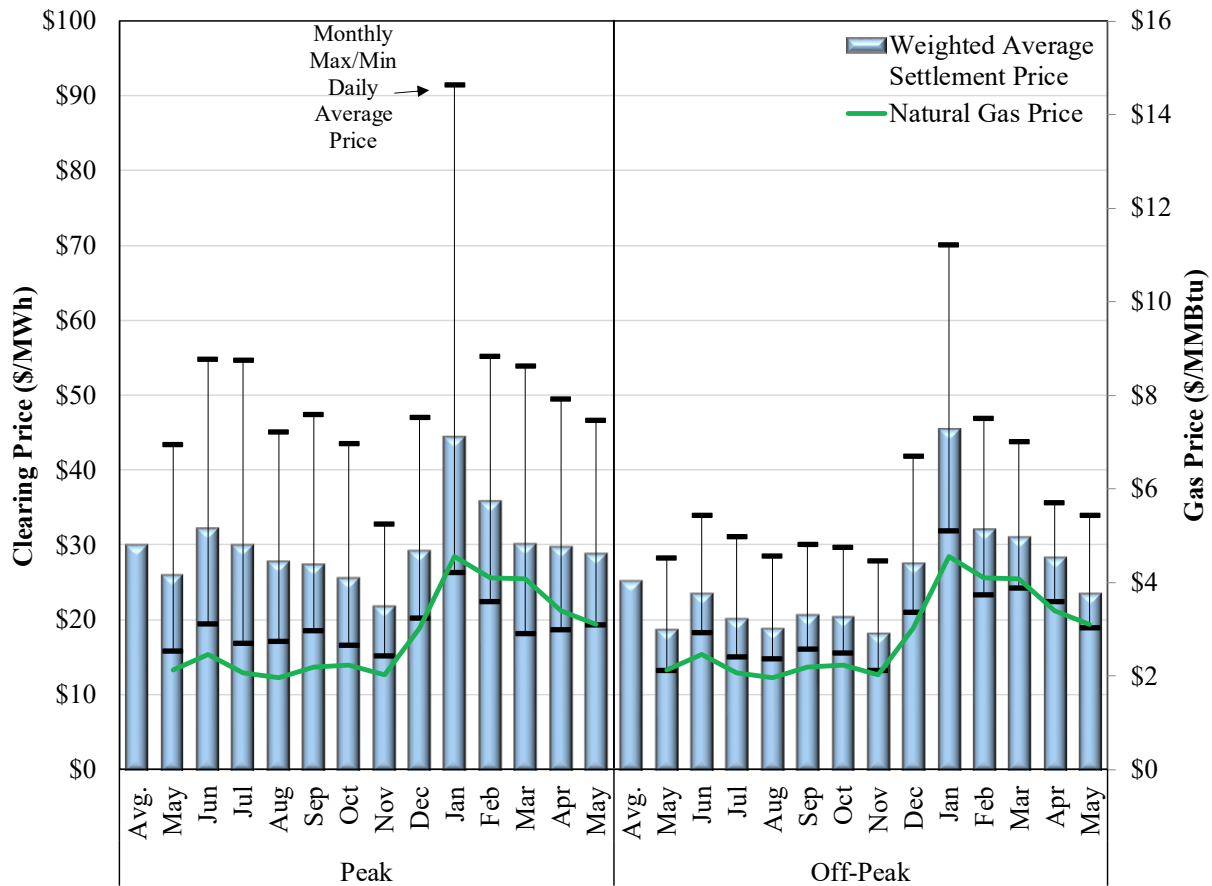


The entry of Florida participants coincided with a decline in buyer concentration. These declines, together with the uptrend in matched trades, are indicative of a market evolving to greater liquidity and competitiveness.

2. Network Usage

In this subsection, we report on the usage of the SEEM network. Figure 10 shows monthly SEEM clearing prices, natural gas costs, and average daily minimum and maximum prices in peak and off-peak hours during the month. The figure shows that prices are correlated with natural gas costs, which is the marginal fuel in many hours and strongly influences the value of power. The superimposed lines over the bars show the price spread over each month.

Figure 10: Monthly Clearing Prices and Natural Gas Costs



The figure shows that both peak and off-peak prices increased in May relative to April and were higher than the 12-month average, consistent with higher natural gas prices. The whisker bars for each month show that the value of transactions can vary significantly, mainly because transmission constraints can contribute to higher prices between different locations. If a constraint prevents higher total flows between two (beneficial trading) areas, the average transaction price will be higher than if sufficient transmission capability was available to allow all beneficial trades to clear between the areas.

Accordingly, we evaluate SEEM transactions by path segments. SEEM trades among participants using ATC. We gathered ATC and trading statistics for all SEEM segments available to the model. In May, there were 292 segments used -- 250 segments for which an ATC value was posted and 42 segments for which no ATC is posted (these are segments that were available on an unlimited basis.⁴) There were 67 segments in SEEM not used. We calculate total segment (MWh) usage for the 292 segments that were used during the month. For segments with ATC values, we

⁴ It is not unusual for transmission paths to have no ATC value posted, and not just for the SEEM transmission service (NFEETS), but also longer-term service.

report the median, maximum, and minimum ATC values over all intervals for each segment. For these “ATC segments,” we are also able to calculate a “loading factor” based on the scheduled transactions and ATC on the segment during each 15-minute interval. It is the portion of the path used in that interval relative to the maximum amount that could have been used based on the ATC.

In addition to schedule volumes and the ATC statistics, we also calculate how each segment was utilized by interval during the month, *to wit*, the interval was either:

- (1) Partially used (MWs cleared were less than ATC or total MWs cleared on a segment without ATC);
- (2) Fully Used, ATC was used up for the interval;⁵
- (3) Unavailable, no ATC;⁶ and
- (4) Uncleared (no schedules on the segment).

In reporting the usage of each segment, we refer to a “segment-interval” which is an observation in a single interval on one segment. Table 2 shows an excerpt of our statistics. The table displays the top 30 segments by volume for the month. The full data for all segments is provided in Appendix A. When ATC is listed as “None” this means there was no ATC posted.

⁵ ATC less the MW schedule was less than 4 MW (i.e., no additional SEEM transaction could be cleared).

⁶ ATC was less than 4 MW at the start of the interval.

Table 2: Statistics for Most Utilized SEEM Segments
May 2025

Segment	ATC			MWs	Loading Factor	Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max			Intervals	%	Intervals	%	Intervals	%	Intervals	%
SS/SOCO/TVA-SOCO//	0	1,259	1,552	30,415	3.42%	767	26%	0	0%	22	1%	2187	73%
S/TVA/TVA-SOCO//	0	4,905	5,000	28,786	0.80%	702	24%	0	0%	8	0%	2266	76%
F/SEC/FPC-JEA//	0	637	637	22,612	5.69%	1,134	38%	8	0%	64	2%	1770	59%
SS/SOCO/FL-SOCO//	0	448	1,026	22,232	5.60%	851	29%	61	2%	25	1%	2039	69%
F/TEC/TEC-FPC//	1,694	2,965	3,655	21,216	1.00%	1,284	43%	0	0%	0	0%	1692	57%
S/SC/SOCO-SC//	0	1,088	2,333	18,877	2.54%	892	30%	20	1%	428	14%	1636	55%
F/JEA/SEC-SOCO/SSN-SOCO/	178	546	637	18,478	4.74%	650	22%	3	0%	0	0%	2323	78%
F/FPC/FPC-SOCO//	0	146	283	18,299	18.29%	438	15%	144	5%	924	31%	1470	49%
F/FPC/FPC-SEC/FPC-SSN/	0	1,305	1,922	15,928	1.73%	771	26%	4	0%	44	1%	2157	72%
F/FPC/TEC-SOCO//	0	149	283	8,953	8.62%	625	21%	63	2%	864	29%	1424	48%
SS/SOCO/FL-SC/MULTIPATHALIAS/	0	208	473	7,959	5.27%	530	18%	63	2%	108	4%	2275	76%
F/FPC/TEC-SEC/TEC-SSN/	723	1,352	1,922	6,932	0.67%	716	24%	0	0%	0	0%	2260	76%
S/SC/DUK-SC//	0	1,743	2,459	6,645	0.54%	567	19%	0	0%	10	0%	2399	81%
F/FPC/TEC-FPC//	1,739	3,010	3,700	5,331	0.25%	575	19%	0	0%	0	0%	2401	81%
SS/SOCO/SOCO-SC//	0	213	473	5,183	3.36%	260	9%	35	1%	105	4%	2576	87%
S/DUK/DUK-SC//	0	868	2,557	4,907	0.76%	524	18%	16	1%	427	14%	2009	68%
S/MEAG/FPC-SC//	None	None	None	4,834	0.00%	507	17%	0	0%	0	0%	2469	83%
F/JEA/SEC-JEA/SSN-JEA/	32	487	487	4,564	1.37%	659	22%	0	0%	0	0%	2317	78%
S/CPL/CPL-SC//	0	2,015	4,267	4,286	0.29%	218	7%	3	0%	7	0%	2748	92%
SS/SOCO/SOCO-FL//	0	679	1,725	4,040	0.73%	204	7%	25	1%	22	1%	2725	92%
SS/SOCO/SOCO-SOCO//	0	46,312	46,312	3,971	0.01%	249	8%	0	0%	22	1%	2705	91%
S/CEG/SC-CEG//	0	3,373	6,875	3,736	0.16%	305	10%	1	0%	35	1%	2635	89%
S/DUK/DUK-SOCO//	0	1,446	2,325	3,506	0.39%	504	17%	5	0%	401	13%	2066	69%
F/SEC/FPC-SEC/FPC-SSN/	0	1,305	1,872	3,466	0.38%	673	23%	0	0%	44	1%	2259	76%
S/SC/CPL-SC//	0	1,077	2,359	3,397	0.46%	201	7%	11	0%	423	14%	2341	79%
S/AEC/AEC-TVA//	0	281	638	3,259	1.58%	222	7%	18	1%	102	3%	2634	89%
F/JEA/JEA-SOCO//	178	546	810	2,831	0.69%	366	12%	0	0%	0	0%	2610	88%
F/FPC/SEC-SEC/SSO-SSN/	106	709	1,042	2,715	0.53%	369	12%	0	0%	0	0%	2607	88%
F/SEC/TEC-FPC//	296	691	729	2,537	0.55%	336	11%	0	0%	0	0%	2640	89%
F/TEC/TEC-SEC/TEC-SSO/	93	346	729	2,537	0.91%	336	11%	0	0%	0	0%	2640	89%

The “Uncleared” category indicates that among these most utilized segments, many of them have over 90 percent of their intervals uncleared. There are, however, numerous instances when segments are constrained. A constrained segment is one where either (1) the segment is completely used by SEEM (“Fully Used” column in the table) or (2) ATC is insufficient (less than 4 MW) prior to SEEM matching (the “Unavailable” column in the table).

Table 3 show the summary usage for all segments. During the month, total segment intervals are the product of all 359 segments and the number of intervals during the month. In May, there were 1,033,920 segment intervals.⁷ The two circumstances (Cases (2) and (3)) when a segment is constrained occurred in more than 50,000 segment-intervals and almost always because the ATC was insufficient to schedule (i.e., $ATC < 4$ MW) rather than because it is fully used by a SEEM match. The most common case in the data was “Uncleared” (Case 4), where ATC was available or there was no ATC posted, but the segment was not used because no beneficial transactions were cleared by the SEEM model over that segment. These cases represent over 92 percent of all segment-intervals. The second most common case was case “Unavailable” (Case 3), where ATC was not sufficient to clear any SEEM transactions (6 percent of the time). The third most common case was “Partially Used” (Case 1), where the segment was partially used (2.3 percent of the

⁷ The maximum number of segment intervals in a month is (359 segments x 4 intervals x 24 hours x #days in the month). This is the maximum because occasionally the system requires shutting down for short periods to perform upgrades and other patches. In May, SEEM operated in all intervals.

time). Finally, in a small number of intervals, the Segment ATC was “Fully Used” (Case 2), where the segment was completely scheduled in the interval (830 intervals).

Table 3: Summary of All Segments
May 2025

Segment	Case 1 Partially Used		Case 2 Fully Used		Case 3 Unavailable		Case 4 Uncleared	
	Intervals	%	Intervals	%	Intervals	%	Intervals	%
All Segments	24,341	2.3%	830	0.1%	64,905	6.1%	978,308	91.6%

Measuring transmission capacity congestion by adding Case 2 and 3, the percentage of constrained segment intervals was 6 percent in May (versus 12 percent in April). Overall, these results indicate that transmission was generally available to facilitate economic transactions in the SEEM region. As we discussed above, transmission loss costs were likely the main factor in preventing economic trades from being consummated than transmission constraints.

Further insight into constrained segments can be gained from Table 4. It shows the 30 segments least often available to SEEM. All segments shown reported ATC of 0 in one or more intervals during the month (ATC Min=0). In some intervals there were at least some cleared trades. Like in previous months, these frequently unavailable paths are in many intervals unused when they are available (as indicated by the “Uncleared” column). Overall, the evaluation of individual segments indicates the system is largely unconstrained for SEEM activity.

Table 4: Most Constrained SEEM Segments
May 2025

Segment	ATC			MWs	Loading Factor	Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max			Intervals	%	Intervals	%	Intervals	%	Intervals	%
S/SCGE/DUK-SCGE//	0	0	2,578	366	0.28%	29	1%	0	0%	2,563	86%	384	13%
S/SCGE/SOCO-SCGE//	0	0	2,337	239	0.20%	26	1%	0	0%	2,563	86%	387	13%
S/SCGE/SOCO-CPLE//	0	0	5,185	24	0.01%	5	0%	0	0%	2,562	86%	409	14%
S/SCGE/CPL-SCGE//	0	0	2,446	496	0.26%	50	2%	0	0%	2,429	82%	497	17%
S/SCGE/SOCO-DUK//	0	0	99,999	0	0.00%	0	0%	0	0%	1,820	61%	1156	39%
S/SCGE/DUK-CPLE//	0	2,289	99,899	0	0.00%	0	0%	0	0%	1,311	44%	1665	56%
S/TVA/LGEE-CPLW//	0	264	276	66	0.06%	7	0%	0	0%	1,302	44%	1667	56%
S/DUK/DUK-SCGE//	0	71	146	332	0.77%	21	1%	4	0%	1,271	43%	1680	56%
S/DUK/SOCO-SCGE//	0	71	146	0	0.00%	0	0%	0	0%	1,260	42%	1716	58%
S/DUK/TVA-SCGE//	0	71	146	34	0.08%	4	0%	0	0%	1,260	42%	1712	58%
S/DUK/CPLW-SCGE//	0	71	146	0	0.00%	0	0%	0	0%	1,260	42%	1716	58%
S/DUK/CPL-SCGE//	0	71	146	0	0.00%	0	0%	0	0%	1,260	42%	1716	58%
S/TVA/AECI-CPLW//	0	33	276	129	0.17%	24	1%	1	0%	1,247	42%	1704	57%
S/TVA/CPLW-LGEE//	0	276	276	0	0.00%	0	0%	0	0%	1,019	34%	1957	66%
S/DUK/SC-SCGE//	0	85	146	0	0.00%	0	0%	0	0%	1,016	34%	1960	66%
S/TVA/CPLW-TVA//	0	276	276	35	0.03%	6	0%	0	0%	1,007	34%	1963	66%
S/CPL/TVA-CPLW//	0	262	276	0	0.00%	0	0%	0	0%	1,005	34%	1971	66%
S/CPL/DUK-TVA//	0	276	276	53	0.04%	10	0%	0	0%	995	33%	1971	66%
S/TVA/CPLW-AECI//	0	276	276	0	0.00%	0	0%	0	0%	967	32%	2009	68%
S/CPL/CPLW-TVA//	0	276	276	0	0.00%	0	0%	0	0%	957	32%	2019	68%
S/CPL/TVA-DUK//	0	274	276	539	0.39%	42	1%	3	0%	942	32%	1989	67%
S/TVA/CPLW-SOCO//	0	276	276	18	0.01%	4	0%	0	0%	941	32%	2031	68%
S/TVA/DUK-CPLW//	0	276	276	0	0.00%	0	0%	0	0%	939	32%	2037	68%
S/TVA/CPLW-DUK//	0	276	276	0	0.00%	0	0%	0	0%	935	31%	2041	69%
S/TVA/SOCO-CPLW//	0	276	276	21	0.02%	3	0%	0	0%	935	31%	2038	68%
S/TVA/TVA-CPLW//	0	276	276	323	0.23%	13	0%	0	0%	935	31%	2028	68%
F/FPC/FPC-SOCO//	0	146	283	18,299	18.29%	438	15%	144	5%	924	31%	1470	49%
S/DUK/SCGE-CPLE//	0	509	651	7	0.00%	1	0%	0	0%	902	30%	2073	70%
F/FPC/SEC-SOCO/SSN-SOCO/	0	149	283	129	0.12%	31	1%	2	0%	864	29%	2079	70%
F/FPC/SEC-SOCO/SSO-SOCO/	0	149	283	77	0.07%	17	1%	0	0%	864	29%	2095	70%

III. EXPANSION OF SEEM

Our auditing of the SEEM operations and the economic benefits that SEEM has created over time, has led us to recommend potential expansion of the SEEM platform to other trading horizons, e.g., hourly, intra-day, and day-ahead. In this section, we provide some preliminary data to help assess this potential. We have undertaken this on our own initiative to provide only a very cursory consideration of this potential. Expanding SEEM beyond the current 15-minute horizon has not been formally considered or endorsed by stakeholders or the SEEM board.

Our analysis is straightforward, we compare the volume of trades in SEEM to the volume of trades in the hourly bilateral market. This comparison is conducted on a path basis, comparing the volume on a SEEM path to the corresponding volume of hourly bilateral trades. We have all trade volumes for SEEM. For bilateral hourly trade volumes, we use transmission reservation (TSR) data from the Open Access Sametime Information System (OASIS). We use hourly point-to-point transmission service requests data as a proxy for the bilateral trades. Point-to-point TSRs are defined only on paths between adjacent transmission systems. This means the data for hourly bilateral trades is only available on paths with one segment. These are paths connecting adjacent systems and we use this as a proxy for bilateral trades between the two systems.⁸

Accordingly, our comparison between SEEM volume and hourly bilateral volume is confined to one-segment paths. For May, approximately 55 percent of all transaction volume in SEEM was on one-segment paths. In Table 5, we show the top 20 one-segment paths in SEEM for May. These top 20 paths represent 25 percent of all SEEM transactions for the month. The table shows the SEEM volume compared to the hourly approved (point-to-point) transmission reservations on the same path for OASIS. As the table shows, May SEEM volume on these paths was over 68,000 MWh. The hourly OASIS volume was over 125,000 MWh.

⁸ It is possible for participants in the hourly bilateral market to string together multiple transmission reservations to create longer paths across multiple systems. However, given the transmission cost that exceeds \$10/MWh, we conclude this would be a rare use of the point-to-point reservations.

**Table 5: SEEM and OASIS Volume on Highest Volume One-Segment Paths
May 2025**

Path	SEEM Volume	OASIS Hourly Reservations
1	28,536	409
2	7,610	1,218
3	5,267	275
4	4,600	2,487
5	4,204	3,423
6	3,172	862
7	1,979	
8	1,517	487
9	1,512	106,237
10	1,394	121
11	1,349	
12	1,316	60
13	1,107	5,549
14	957	1,437
15	902	
16	898	25
17	613	
18	468	
19	378	
20	341	3,189
Total	68,120	125,779

At first glance, the data indicates a much higher volume in the hourly bilateral market than in SEEM. The substantially higher OASIS volume would suggest expanding SEEM into the hourly timeframe would expand the promise of increased competition and associated benefits in the hourly timeframe. Note, though, that the data is skewed by the large OASIS volume on Path #9, accounting for 84 percent of all OASIS volume on these 20 paths. Without this path, the SEEM volume would exceed the hourly transactions for this sample of paths by about three to one. This suggests, at least for the one-segment paths that facilitate trade between adjacent systems and ignoring a very active path (path #8), SEEM is being used by traders for economy energy to a substantial degree.

However, comparing only one-segment paths leaves a gap in the analysis. SEEM has a unique advantage over the hourly market in that multiple charges for a SEEM transaction are confined to transmission losses across the systems (averaging about \$2/MWh per system). In contrast, the hourly market faces accumulating transmission charges that are much higher (over \$10/MWh per

system). This likely explains why 55 percent of SEEM volume in May was on paths with one segment (trades between adjacent participants)

An expanded SEEM that allows low-cost transmission paths on an hourly basis is likely to increase regional trading volume and provide increased production cost benefits. Using OASIS hourly TSR data will not be sufficient to evaluate that part of the question.

Table 6 below shows the volume comparison for May and April. The table shows a higher SEEM volume for May for the top 20 one-segment paths, as well as higher corresponding OASIS reservations on those paths. The table also shows a data adjustment that removes the largest single path in both months that had a large share of the OASIS reservations.

Table 6: Path Volume Monthly Comparison

Top 20 SEEM Paths			Top 20 Paths Omitting Top OASIS Path	
Month	SEEM Volume	OASIS Hourly Reservations	SEEM Volume	OASIS Hourly Reservations
April	33,329	109,217	32,017	15,786
May	68,120	125,779	66,608	19,542
Total	101,448	234,996	98,625	35,328

The data above provides some insight into the potential for SEEM to expand. However, we will need further analysis and will continue to evaluate available data and other information to develop a more complete assessment of SEEM expansion.

IV. CONCLUSION

We reviewed the operation of SEEM for May 2025. We have developed operational procedures to validate the market rules and constraints of SEEM. All our screens have been validated, and we conclude the SEEM operated within the rules and constraints. We also have evaluated the SEEM outcomes and have not identified significant operating issues.

Appendix A

SEEM Path Usage -- May 2025

Segment	ATC			Loading		Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max	MWhs	Factor	Intervals	%	Intervals	%	Intervals	%	Intervals	%
SS/SOCO/TVA-SOCO//	0	1,259	1,552	30,415	3.42%	767	26%	0	0%	22	1%	2187	73%
S/TVA/TVA-SOCO//	0	4,905	5,000	28,786	0.80%	702	24%	0	0%	8	0%	2266	76%
F/SEC/FPC-JEA//	0	637	637	22,612	5.69%	1,134	38%	8	0%	64	2%	1770	59%
SS/SOCO/FL-SOCO//	0	448	1,026	22,232	5.60%	851	29%	61	2%	25	1%	2039	69%
F/TEC/TEC-FPC//	1,694	2,965	3,655	21,216	1.00%	1,284	43%	0	0%	0	0%	1692	57%
S/SC/SOCO-SC//	0	1,088	2,333	18,877	2.54%	892	30%	20	1%	428	14%	1636	55%
F/JEA/SEC-SOCO/SSN-SOCO//	178	546	637	18,478	4.74%	650	22%	3	0%	0	0%	2323	78%
F/FPC/FPC-SOCO//	0	146	283	18,299	18.29%	438	15%	144	5%	924	31%	1470	49%
F/FPC/FPC-SEC/FPC-SSN//	0	1,305	1,922	15,928	1.73%	771	26%	4	0%	44	1%	2157	72%
F/FPC/TEC-SOCO//	0	149	283	8,953	8.62%	625	21%	63	2%	864	29%	1424	48%
SS/SOCO/FL-SC/MULTIPATHALIAS//	0	208	473	7,959	5.27%	530	18%	63	2%	108	4%	2275	76%
F/FPC/TEC-SEC/TEC-SSN//	723	1,352	1,922	6,932	0.67%	716	24%	0	0%	0	0%	2260	76%
S/SC/DUK-SC//	0	1,743	2,459	6,645	0.54%	567	19%	0	0%	10	0%	2399	81%
F/FPC/TEC-FPC//	1,739	3,010	3,700	5,331	0.25%	575	19%	0	0%	0	0%	2401	81%
SS/SOCO/SOCO-SC//	0	213	473	5,183	3.36%	260	9%	35	1%	105	4%	2576	87%
S/DUK/DUK-SC//	0	868	2,557	4,907	0.76%	524	18%	16	1%	427	14%	2009	68%
S/MEAG/FPC-SC//	None	None	None	4,834	0.00%	507	17%	0	0%	0	0%	2469	83%
F/JEA/SEC-JEA/SSN-JEA//	32	487	487	4,564	1.37%	659	22%	0	0%	0	0%	2317	78%
S/CPL/CPL-SC//	0	2,015	4,267	4,286	0.29%	218	7%	3	0%	7	0%	2748	92%
SS/SOCO/SOCO-FL//	0	679	1,725	4,040	0.73%	204	7%	25	1%	22	1%	2725	92%
SS/SOCO/SOCO-SOCO//	0	46,312	46,312	3,971	0.01%	249	8%	0	0%	22	1%	2705	91%
S/SCEG/SC-SCEG//	0	3,373	6,875	3,736	0.16%	305	10%	1	0%	35	1%	2635	89%
S/DUK/DUK-SOCO//	0	1,446	2,325	3,506	0.39%	504	17%	5	0%	401	13%	2066	69%
F/SEC/FPC-SEC/FPC-SSN//	0	1,305	1,872	3,466	0.38%	673	23%	0	0%	44	1%	2259	76%
S/SC/CPL-SC//	0	1,077	2,359	3,397	0.46%	201	7%	11	0%	423	14%	2341	79%
S/AECI/AECI-TVA//	0	281	638	3,259	1.58%	222	7%	18	1%	102	3%	2634	89%
F/JEA/JEA-SOCO//	178	546	810	2,831	0.69%	366	12%	0	0%	0	0%	2610	88%
F/FPC/SEC-SEC/SSO-SSN//	106	709	1,042	2,715	0.53%	369	12%	0	0%	0	0%	2607	88%
F/SEC/TEC-FPC//	296	691	729	2,537	0.55%	336	11%	0	0%	0	0%	2640	89%
F/TEC/TEC-SEC/TEC-SSO//	93	346	729	2,537	0.91%	336	11%	0	0%	0	0%	2640	89%
S/TVA/AECI-SOCO//	0	225	419	2,435	1.56%	195	7%	2	0%	381	13%	2398	81%
F/FPC/SEC-FPC/SSN-FPC//	0	519	1,525	2,403	0.60%	191	6%	3	0%	220	7%	2562	86%
F/FPC/SOCO-FPC//	0	138	432	2,392	2.02%	117	4%	84	3%	600	20%	2175	73%
F/JEA/SOCO-JEA//	0	244	722	2,378	1.28%	325	11%	0	0%	627	21%	2024	68%
SS/SOCO/DUK-SOCO//	-3	557	1,019	2,374	0.58%	249	8%	8	0%	31	1%	2688	90%
SS/GTC/JEA-GTC//	5	266	645	2,277	0.94%	100	3%	40	1%	0	0%	2836	95%
F/SEC/JEA-FPC//	0	637	637	2,261	0.49%	156	5%	0	0%	12	0%	2808	94%
S/SC/SOCO-SCEG//	0	995	2,582	2,251	0.28%	209	7%	2	0%	413	14%	2352	79%
S/SC/SCEG-SC//	939	1,477	2,065	2,204	0.20%	148	5%	0	0%	0	0%	2828	95%
F/JEA/SOCO-SEC/SOCO-SSN//	0	266	502	2,120	1.15%	97	3%	22	1%	535	18%	2322	78%
S/TVA/TVA-DUK//	0	380	380	2,062	0.75%	68	2%	1	0%	62	2%	2845	96%
SS/GTC/FPC-GTC//	5	266	645	2,032	0.83%	93	3%	0	0%	0	0%	2883	97%
P/LGEE/LGEE-TVA//	0	1,623	1,623	1,849	0.17%	102	3%	0	0%	226	8%	2648	89%
S/SCEG/SOCO-SC//	0	2,210	6,350	1,696	0.09%	129	4%	0	0%	8	0%	2839	95%
S/CPL/DUK-CPL-SC//	21	3,136	6,883	1,651	0.07%	188	6%	0	0%	0	0%	2788	94%
S/MEAG/JEA-SC//	None	None	None	1,598	0.00%	234	8%	0	0%	0	0%	2742	92%
F/TEC/FPC-TEC//	0	1,304	2,339	1,580	0.19%	139	5%	5	0%	280	9%	2552	86%
S/CPL/CPL-TEC//	0	2,753	6,188	1,574	0.08%	113	4%	0	0%	3	0%	2860	96%
S/DUK/SOCO-SC//	0	1,454	2,220	1,572	0.16%	87	3%	10	0%	276	9%	2603	87%
SS/GTC/SOCO-GTC//	10,866	13,938	14,947	1,511	0.01%	83	3%	0	0%	0	0%	2893	97%
S/DUK/TVA-DUK//	0	692	692	1,419	0.32%	53	2%	0	0%	280	9%	2643	89%
S/DUK/CPL-SCOCO//	0	1,812	2,325	1,391	0.12%	96	3%	1	0%	90	3%	2789	94%
S/TVA/LGEE-SOCO//	0	2,828	2,828	1,359	0.08%	75	3%	0	0%	387	13%	2514	84%
S/MEAG/SOCO-MEAG//	2,710	3,095	3,240	1,243	0.05%	93	3%	0	0%	0	0%	2883	97%
SS/SOCO/SOCO-DUK//	0	674	901	1,164	0.25%	64	2%	0	0%	22	1%	2890	97%
F/FPC/FPC-TEC//	0	1,637	2,654	1,147	0.11%	103	3%	0	0%	96	3%	2777	93%
S/TVA/SOCO-TVA//	0	4,445	4,940	1,135	0.04%	60	2%	0	0%	38	1%	2878	97%
SS/SOCO/FL-DUK/MULTIPATHALIAS//	0	422	867	980	0.27%	122	4%	0	0%	25	1%	2829	95%
S/DUK/DUK-CPL-SC//	0	2,023	5,415	896	0.06%	164	6%	4	0%	238	8%	2570	86%
S/DUK/DUK-TVA//	0	692	692	849	0.18%	104	3%	3	0%	176	6%	2693	90%

Appendix A (continued)

Segment	ATC			MWhs	Loading Factor	Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max			Intervals	%	Intervals	%	Intervals	%	Intervals	%
S/MEAG/JEA-MEAG//	0	71	146	809	1.52%	80	3%	17	1%	108	4%	2771	93%
SS/GTC/DUK-GTC//	0	454	651	799	0.25%	45	2%	7	0%	8	0%	2916	98%
SS/SOCO/FL-TVA/MULTIPATHALIAS/	0	448	1,026	790	0.20%	51	2%	0	0%	25	1%	2900	97%
S/SC/CPL-SCG//	0	786	2,671	778	0.13%	55	2%	1	0%	414	14%	2506	84%
SS/SOCO/TVA-FL/MULTIPATHALIAS/	0	669	1,482	775	0.15%	104	3%	3	0%	22	1%	2847	96%
S/DUK/SOCO-CPL//	0	1,660	2,220	723	0.08%	96	3%	0	0%	808	27%	2072	70%
S/SC/DUK-SCG//	2,902	3,542	3,753	707	0.03%	111	4%	0	0%	0	0%	2865	96%
S/DUK/SOCO-DUK//	0	1,308	2,220	696	0.08%	45	2%	0	0%	777	26%	2154	72%
SS/GTC/FPC-SC//	None	None	None	669	0.00%	50	2%	0	0%	0	0%	2926	98%
SS/SOCO/DUK-FL/MULTIPATHALIAS/	-3	460	954	652	0.19%	120	4%	0	0%	31	1%	2825	95%
S/CPL/CPL-SCG//	0	365	3,529	616	0.19%	31	1%	15	1%	21	1%	2909	98%
S/DUK/TVA-CPL//	0	692	692	598	0.14%	38	1%	2	0%	440	15%	2496	84%
S/CPL/DUK-SCG//	0	365	7,124	582	0.12%	67	2%	3	0%	16	1%	2890	97%
SS/SOCO/FL-SCG/MULTIPATHALIAS/	0	101	137	565	0.80%	33	1%	23	1%	99	3%	2821	95%
S/MEAG/DUK-FPC//	None	None	None	561	0.00%	101	3%	0	0%	0	0%	2875	97%
S/MEAG/FPC-MEAG//	0	71	146	547	1.03%	61	2%	5	0%	108	4%	2802	94%
S/CPL/TVA-DUK//	0	274	276	539	0.39%	42	1%	3	0%	942	32%	1989	67%
S/TVA/AECI-DUK//	0	216	380	536	0.36%	60	2%	0	0%	371	12%	2545	86%
SS/GTC/MEAG-GTC//	8,499	8,842	9,209	533	0.01%	37	1%	0	0%	0	0%	2939	99%
S/AECI/TVA-AECI//	0	768	908	531	0.10%	41	1%	0	0%	13	0%	2922	98%
S/MEAG/JEA-GTC//	None	None	None	521	0.00%	36	1%	0	0%	0	0%	2940	99%
F/FPC/SOCO-SEC/SOCO-SSN/	0	138	432	503	0.42%	103	3%	4	0%	600	20%	2269	76%
S/SCG/CPL-SCG//	0	0	2,446	496	0.26%	50	2%	0	0%	2,429	82%	497	17%
S/MEAG/MEAG-SOCO//	2,456	2,601	2,951	487	0.02%	27	1%	0	0%	0	0%	2949	99%
S/MEAG/DUK-JEA//	None	None	None	471	0.00%	94	3%	0	0%	0	0%	2882	97%
SS/GTC/JEA-SCG//	None	None	None	439	0.00%	63	2%	0	0%	0	0%	2913	98%
F/JEA/JEA-SEC/JEA-SSN/	109	518	518	437	0.12%	94	3%	0	0%	0	0%	2882	97%
S/DUK/TVA-SC//	0	692	692	435	0.11%	33	1%	5	0%	378	13%	2560	86%
F/SEC/SEC-JEA/SSN-JEA/	358	637	637	430	0.10%	104	3%	0	0%	0	0%	2872	97%
S/TVA/DUK-TVA//	0	366	366	417	0.17%	49	2%	0	0%	317	11%	2610	88%
S/SC/CPL-SCG//	0	3,200	4,069	399	0.02%	44	1%	2	0%	116	4%	2814	95%
S/MEAG/JEA-SOCO//	None	None	None	396	0.00%	37	1%	0	0%	0	0%	2939	99%
F/SEC/SEC-FPC/SSN-FPC/	0	786	1,525	394	0.07%	96	3%	0	0%	104	3%	2776	93%
S/CPL/SC-CPL//	0	1,895	3,165	394	0.03%	45	2%	0	0%	176	6%	2755	93%
SS/GTC/TVA-GTC//	0	274	367	389	0.20%	22	1%	10	0%	16	1%	2928	98%
S/DUK/SCG-SC//	307	650	651	378	0.09%	26	1%	0	0%	0	0%	2950	99%
S/SCG/CPL-DUK//	1,055	3,510	10,351	378	0.01%	26	1%	0	0%	0	0%	2950	99%
S/MEAG/FPC-TVA//	None	None	None	372	0.00%	39	1%	0	0%	0	0%	2937	99%
S/SCG/DUK-SCG//	0	0	2,578	366	0.28%	29	1%	0	0%	2,563	86%	384	13%
SS/GTC/JEA-SC//	None	None	None	362	0.00%	41	1%	0	0%	0	0%	2935	99%
S/SC/SOCO-CPL//	0	2,286	2,684	361	0.02%	43	1%	0	0%	32	1%	2901	97%
S/SCG/SCG-SC//	1,053	1,867	5,227	353	0.02%	27	1%	0	0%	0	0%	2949	99%
S/DUK/TVA-SOCO//	79	692	692	348	0.07%	17	1%	1	0%	0	0%	2958	99%
S/MEAG/FPC-DUK//	None	None	None	347	0.00%	56	2%	0	0%	0	0%	2920	98%
S/MEAG/TVA-SC//	None	None	None	343	0.00%	42	1%	0	0%	0	0%	2934	99%
S/DUK/DUK-SCG//	0	71	146	332	0.77%	21	1%	4	0%	1,271	43%	1680	56%
S/MEAG/JEA-DUK//	None	None	None	324	0.00%	47	2%	0	0%	0	0%	2929	98%
S/TVA/TVA-CPLW//	0	276	276	323	0.23%	13	0%	0	0%	935	31%	2028	68%
F/SEC/SEC-FPC/SSO-FPC/	80	493	834	317	0.09%	71	2%	0	0%	0	0%	2905	98%
F/FPC/SOCO-TEC//	0	120	432	310	0.27%	34	1%	0	0%	664	22%	2278	77%
F/SEC/JEA-SEC/JEA-SSN/	51	637	637	296	0.06%	80	3%	0	0%	0	0%	2896	97%
S/DUK/CPLW-CPL//	0	803	1,243	295	0.05%	36	1%	0	0%	290	10%	2650	89%
SS/SOCO/SOCO-SCG//	0	101	137	293	0.42%	17	1%	15	1%	96	3%	2848	96%
S/CPL/DUK-SC//	0	1,800	4,267	288	0.02%	53	2%	0	0%	4	0%	2919	98%
S/MEAG/DUK-MEAG//	0	109	199	286	0.37%	46	2%	1	0%	128	4%	2801	94%
S/MEAG/TVA-FPC//	None	None	None	281	0.00%	42	1%	0	0%	0	0%	2934	99%
S/TVA/DUK-SOCO//	0	366	366	277	0.10%	46	2%	0	0%	12	0%	2918	98%
S/TVA/SOCO-AECI//	0	632	632	263	0.06%	22	1%	0	0%	46	2%	2908	98%
S/TVA/LGEE-TVA//	0	2,828	2,828	261	0.01%	13	0%	0	0%	381	13%	2582	87%
SS/SOCO/TVA-SC/MULTIPATHALIAS/	0	213	473	253	0.16%	33	1%	0	0%	105	4%	2838	95%

Appendix A (continued)

Segment	ATC			MWs	Loading Factor	Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max			Intervals	%	Intervals	%	Intervals	%	Intervals	%
S/MEAG/MEAG-SC//	0	55	67	252	0.69%	10	0%	13	0%	100	3%	2853	96%
S/SCSG/SOCO-SCSG//	0	0	2,337	239	0.20%	26	1%	0	0%	2,563	86%	387	13%
S/TVA/DUK-AECI//	0	366	366	225	0.09%	19	1%	0	0%	54	2%	2903	98%
S/MEAG/TVA-JEA//	None	None	None	224	0.00%	33	1%	0	0%	0	0%	2943	99%
S/DUK/CPLW-DUK//	0	719	1,243	223	0.05%	9	0%	0	0%	382	13%	2585	87%
SS/SOCO/SC-SOCO//	0	360	550	214	0.08%	21	1%	2	0%	22	1%	2931	98%
S/SCSG/SCSG-SOCO//	868	2,839	6,433	212	0.01%	18	1%	0	0%	0	0%	2958	99%
S/MEAG/JEA-TVA//	None	None	None	201	0.00%	30	1%	0	0%	0	0%	2946	99%
SS/GTC/SOCO-SCSG//	None	None	None	194	0.00%	25	1%	0	0%	0	0%	2951	99%
SS/GTC/SCSG-GTC//	49	85	111	180	0.29%	10	0%	3	0%	0	0%	2963	100%
S/SCSG/CPLW-SC//	0	1,853	99,999	171	0.00%	20	1%	1	0%	279	9%	2676	90%
S/TVA/AECI-TVA//	0	175	419	159	0.11%	11	0%	3	0%	660	22%	2302	77%
S/SCSG/CPLW-SOCO//	0	3,355	99,999	153	0.01%	12	0%	0	0%	79	3%	2885	97%
S/MEAG/MEAG-JEA//	0	117	335	145	0.15%	20	1%	0	0%	129	4%	2827	95%
F/FPC/SEC-SOCO/SSN-SOCO/	0	149	283	129	0.12%	31	1%	2	0%	864	29%	2079	70%
S/TVA/AECI-CPLW//	0	33	276	129	0.17%	24	1%	1	0%	1,247	42%	1704	57%
F/FPC/SEC-TEC/SSN-TEC/	0	767	1,420	123	0.02%	15	1%	0	0%	12	0%	2949	99%
S/TVA/LGEE-DUK//	0	380	380	120	0.04%	11	0%	0	0%	58	2%	2907	98%
S/MEAG/SOCO-FPC//	None	None	None	119	0.00%	16	1%	0	0%	0	0%	2960	99%
S/TVA/SOCO-DUK//	0	380	380	116	0.04%	14	0%	0	0%	2	0%	2960	99%
S/DUK/CPLW-SC//	0	1,129	2,607	112	0.01%	10	0%	3	0%	385	13%	2578	87%
S/MEAG/JEA-SCSG//	None	None	None	111	0.00%	63	2%	0	0%	0	0%	2913	98%
SS/GTC/JEA-SOCO//	None	None	None	100	0.00%	14	0%	0	0%	0	0%	2962	100%
SS/GTC/SC-GTC//	36	137	209	100	0.10%	7	0%	0	0%	0	0%	2969	100%
SS/SOCO/SCSG-FL/MULTIPATHALIAS/	0	154	201	95	0.09%	8	0%	0	0%	24	1%	2944	99%
S/MEAG/DUK-SOCO//	None	None	None	93	0.00%	7	0%	0	0%	0	0%	2969	100%
SS/SOCO/SOCO-TVA//	0	2,161	3,128	93	0.01%	10	0%	0	0%	22	1%	2944	99%
SS/SOCO/SCSG-SOCO//	0	154	201	87	0.08%	5	0%	3	0%	24	1%	2944	99%
SS/GTC/FPC-SCSG//	None	None	None	84	0.00%	7	0%	0	0%	0	0%	2969	100%
SS/SOCO/SC-FL/MULTIPATHALIAS/	0	354	550	78	0.03%	15	1%	0	0%	22	1%	2939	99%
F/FPC/SEC-SOCO/SSO-SOCO/	0	149	283	77	0.07%	17	1%	0	0%	864	29%	2095	70%
S/MEAG/SOCO-JEA//	None	None	None	73	0.00%	14	0%	0	0%	0	0%	2962	100%
S/DUK/CPLW-TVA//	207	692	692	70	0.01%	4	0%	0	0%	0	0%	2972	100%
S/TVA/LGEE-CPLW//	0	264	276	66	0.06%	7	0%	0	0%	1,302	44%	1667	56%
SS/GTC/SOCO-JEA//	None	None	None	64	0.00%	4	0%	0	0%	0	0%	2972	100%
F/FPC/SEC-FPC/SSO-FPC/	0	341	834	62	0.03%	21	1%	0	0%	288	10%	2667	90%
SS/GTC/JEA-TVA//	None	None	None	61	0.00%	6	0%	0	0%	0	0%	2970	100%
S/MEAG/FPC-SOCO//	None	None	None	59	0.00%	6	0%	0	0%	0	0%	2970	100%
S/MEAG/MEAG-FPC//	0	117	335	59	0.06%	10	0%	0	0%	129	4%	2837	95%
S/MEAG/MEAG-DUK//	0	87	120	58	0.10%	7	0%	0	0%	52	2%	2917	98%
S/CPL/DUK-TVA//	0	276	276	53	0.04%	10	0%	0	0%	995	33%	1971	66%
SS/SOCO/TVA-SCSG/MULTIPATHALIAS/	0	101	137	53	0.08%	3	0%	2	0%	96	3%	2875	97%
S/DUK/DUK-CPLW//	0	440	454	52	0.02%	9	0%	0	0%	35	1%	2932	99%
S/SC/DUK-SOCO//	0	3,352	3,642	52	0.00%	11	0%	0	0%	6	0%	2959	99%
S/MEAG/SC-MEAG//	5	29	85	51	0.21%	10	0%	2	0%	0	0%	2964	100%
SS/GTC/SOCO-FPC//	None	None	None	51	0.00%	6	0%	0	0%	0	0%	2970	100%
S/MEAG/SOCO-SC//	None	None	None	49	0.00%	11	0%	0	0%	0	0%	2965	100%
SS/GTC/JEA-DUK//	None	None	None	47	0.00%	3	0%	0	0%	0	0%	2973	100%
S/CPL/SCSG-CPLW//	0	623	3,198	46	0.01%	10	0%	0	0%	179	6%	2787	94%
S/MEAG/SOCO-SCSG//	None	None	None	46	0.00%	32	1%	0	0%	0	0%	2944	99%
S/TVA/LGEE-AECI//	0	632	632	43	0.01%	4	0%	0	0%	289	10%	2683	90%
SS/GTC/TVA-SCSG//	None	None	None	42	0.00%	10	0%	0	0%	0	0%	2966	100%
SS/SOCO/TVA-DUK/MULTIPATHALIAS/	0	670	901	40	0.01%	2	0%	0	0%	22	1%	2952	99%
S/MEAG/FPC-SCSG//	None	None	None	39	0.00%	14	0%	0	0%	0	0%	2962	100%
F/SEC/SEC-TEC/SSO-TEC/	47	709	729	37	0.01%	8	0%	0	0%	0	0%	2968	100%
F/TEC/SEC-TEC/SSO-TEC/	47	709	729	37	0.01%	8	0%	0	0%	0	0%	2968	100%
S/TVA/CPLW-TVA//	0	276	276	35	0.03%	6	0%	0	0%	1,007	34%	1963	66%
S/DUK/TVA-SCSG//	0	71	146	34	0.08%	4	0%	0	0%	1,260	42%	1712	58%
S/SC/SC-CPLW//	0	2,886	4,847	33	0.00%	3	0%	0	0%	32	1%	2941	99%
SS/GTC/GTC-TVA//	0	455	754	32	0.01%	2	0%	0	0%	45	2%	2929	98%

Appendix A (continued)

Segment	ATC			MWs	Loading Factor	Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max			Intervals	%	Intervals	%	Intervals	%	Intervals	%
S/MEAG/TVA-DUK//	None	None	None	31	0.00%	3	0%	0	0%	0	0%	2973	100%
S/MEAG/MEAG-GTC//	2,526	2,741	2,976	25	0.00%	3	0%	0	0%	0	0%	2973	100%
SS/GTC/DUK-SCEG//	None	None	None	25	0.00%	5	0%	0	0%	0	0%	2971	100%
S/SCEG/SOCO-CPLW//	0	0	5,185	24	0.01%	5	0%	0	0%	2,562	86%	409	14%
S/SCEG/SCEG-CPLW//	0	2,078	3,450	22	0.00%	5	0%	0	0%	62	2%	2909	98%
S/DUK/CPLW-SOCO//	0	840	1,243	21	0.00%	1	0%	0	0%	205	7%	2770	93%
S/TVA/SOCO-CPLW//	0	276	276	21	0.02%	3	0%	0	0%	935	31%	2038	68%
SS/GTC/GTC-SCEG//	26	55	75	21	0.05%	1	0%	2	0%	0	0%	2973	100%
S/MEAG/TVA-MEAG//	0	66	174	18	0.04%	5	0%	0	0%	84	3%	2887	97%
S/TVA/CPLW-SOCO//	0	276	276	18	0.01%	4	0%	0	0%	941	32%	2031	68%
S/MEAG/GTC-MEAG//	1,325	1,921	2,145	17	0.00%	3	0%	0	0%	0	0%	2973	100%
S/MEAG/MEAG-SCEG//	6	12	16	17	0.20%	1	0%	6	0%	0	0%	2969	100%
P/LGEE/TVA-LGEE//	0	1,421	1,424	14	0.00%	1	0%	0	0%	8	0%	2967	100%
S/DUK/SC-DUK//	0	1,246	2,899	14	0.00%	2	0%	0	0%	591	20%	2383	80%
S/MEAG/SC-JEA//	None	None	None	14	0.00%	4	0%	0	0%	0	0%	2972	100%
S/SC/SOCO-DUK//	0	2,289	2,684	14	0.00%	2	0%	0	0%	4	0%	2970	100%
S/TVA/SOCO-LGEE//	0	2,766	2,828	14	0.00%	1	0%	0	0%	94	3%	2881	97%
SS/GTC/MEAG-SCEG//	None	None	None	13	0.00%	2	0%	0	0%	0	0%	2974	100%
SS/GTC/JEA-MEAG//	None	None	None	12	0.00%	2	0%	0	0%	0	0%	2974	100%
S/MEAG/TVA-SCEG//	None	None	None	11	0.00%	9	0%	0	0%	0	0%	2967	100%
S/DUK/SCEG-CPLW//	0	509	651	7	0.00%	1	0%	0	0%	902	30%	2073	70%
S/SCEG/SCEG-DUK//	1,382	2,626	4,960	7	0.00%	1	0%	0	0%	0	0%	2975	100%
SS/GTC/GTC-MEAG//	9,489	9,872	9,999	7	0.00%	3	0%	0	0%	0	0%	2973	100%
S/MEAG/DUK-SCEG//	None	None	None	4	0.00%	4	0%	0	0%	0	0%	2972	100%
S/SC/SCEG-SOCO//	701	3,058	3,525	4	0.00%	2	0%	0	0%	0	0%	2974	100%
S/MEAG/SCEG-MEAG//	10	18	24	3	0.02%	1	0%	0	0%	0	0%	2975	100%
S/SC/SC-SOCO//	1,023	2,184	3,049	3	0.00%	1	0%	0	0%	0	0%	2975	100%
S/DUK/SC-CPLW//	0	1,931	2,899	2	0.00%	1	0%	0	0%	257	9%	2718	91%
S/SC/SC-DUK//	1,031	1,866	2,673	2	0.00%	1	0%	0	0%	0	0%	2975	100%
S/DUK/CPLW-CPLW//	0	450	454	1	0.00%	1	0%	0	0%	51	2%	2924	98%
S/MEAG/GTC-SC//	None	None	None	1	0.00%	1	0%	0	0%	0	0%	2975	100%
S/MEAG/GTC-SCEG//	None	None	None	1	0.00%	1	0%	0	0%	0	0%	2975	100%
S/MEAG/SC-FPC//	None	None	None	1	0.00%	1	0%	0	0%	0	0%	2975	100%
SS/SOCO/DUK-SCEG/MULTIPATHALIAS/	-3	101	137	1	0.00%	0	0%	1	0%	105	4%	2870	96%
F/FPC/FPC-FPC/FPC-FPCS/	992	2,381	3,417	0	0.00%	0	0%	0	0%	0	0%	2976	100%
F/FPC/FPC-GVL//	0	209	356	0	0.00%	0	0%	0	0%	96	3%	2880	97%
F/FPC/GVL-FPC//	0	302	512	0	0.00%	0	0%	0	0%	4	0%	2972	100%
F/FPC/GVL-FPC/GVL-FPCS/	0	302	512	0	0.00%	0	0%	0	0%	4	0%	2972	100%
F/FPC/GVL-SEC/GVL-SSN/	110	303	512	0	0.00%	0	0%	0	0%	0	0%	2976	100%
F/FPC/GVL-SOCO//	0	146	283	0	0.00%	0	0%	0	0%	864	29%	2112	71%
F/FPC/GVL-TEC//	110	303	512	0	0.00%	0	0%	0	0%	0	0%	2976	100%
F/FPC/SEC-FPC/SSN-FPCS/	0	519	1,525	0	0.00%	0	0%	0	0%	220	7%	2756	93%
F/FPC/SEC-FPC/SSO-FPCS/	0	341	834	0	0.00%	0	0%	0	0%	288	10%	2688	90%
F/FPC/SEC-GVL/SSN-GVL/	0	211	356	0	0.00%	0	0%	0	0%	60	2%	2916	98%
F/FPC/SEC-GVL/SSO-GVL/	0	207	355	0	0.00%	0	0%	0	0%	60	2%	2916	98%
F/FPC/SEC-TEC/SSO-TEC/	106	709	1,042	0	0.00%	0	0%	0	0%	0	0%	2976	100%
F/FPC/SOCO-FPC/SOCO-FPCS/	0	119	432	0	0.00%	0	0%	0	0%	656	22%	2320	78%
F/FPC/SOCO-GVL//	0	115	309	0	0.00%	0	0%	0	0%	660	22%	2316	78%
F/FPC/TEC-FPC/TEC-FPCS/	992	2,351	3,193	0	0.00%	0	0%	0	0%	0	0%	2976	100%
F/FPC/TEC-GVL//	0	211	356	0	0.00%	0	0%	0	0%	60	2%	2916	98%
F/SEC/TEC-SEC/TEC-SSO/	93	346	729	0	0.00%	0	0%	0	0%	0	0%	2976	100%
F/TEC/SEC-FPC/SSO-FPC/	47	709	729	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/CPL/CPLW-DUK//	0	434	1,257	0	0.00%	0	0%	0	0%	3	0%	2973	100%
S/CPL/CPLW-TVA//	0	276	276	0	0.00%	0	0%	0	0%	957	32%	2019	68%
S/CPL/DUK-CPLW//	0	329	469	0	0.00%	0	0%	0	0%	93	3%	2883	97%
S/CPL/SC-DUK//	1,060	2,769	4,527	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/CPL/SC-SCEG//	0	365	4,324	0	0.00%	0	0%	0	0%	16	1%	2960	99%
S/CPL/SCEG-DUK//	149	623	5,127	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/CPL/SCEG-SC//	149	623	4,064	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/CPL/TVA-CPLW//	0	262	276	0	0.00%	0	0%	0	0%	1,005	34%	1971	66%

Appendix A (continued)

Segment	ATC			MWhs	Loading Factor	Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max			Intervals	%	Intervals	%	Intervals	%	Intervals	%
S/DUK/CPLW-DUK//	0	2,417	7,314	0	0.00%	0	0%	0	0%	200	7%	2776	93%
S/DUK/CPLW-SCEG//	0	71	146	0	0.00%	0	0%	0	0%	1,260	42%	1716	58%
S/DUK/CPLW-SC//	0	695	1,243	0	0.00%	0	0%	0	0%	390	13%	2586	87%
S/DUK/CPLW-SCEG//	0	71	146	0	0.00%	0	0%	0	0%	1,260	42%	1716	58%
S/DUK/CPLW-TVA//	0	692	692	0	0.00%	0	0%	0	0%	43	1%	2933	99%
S/DUK/SC-CPLW//	0	398	454	0	0.00%	0	0%	0	0%	531	18%	2445	82%
S/DUK/SC-SCEG//	0	85	146	0	0.00%	0	0%	0	0%	1,016	34%	1960	66%
S/DUK/SC-SOCO//	0	1,984	2,325	0	0.00%	0	0%	0	0%	8	0%	2968	100%
S/DUK/SC-TVA//	0	692	692	0	0.00%	0	0%	0	0%	13	0%	2963	100%
S/DUK/SCEG-CPLW//	0	451	454	0	0.00%	0	0%	0	0%	102	3%	2874	97%
S/DUK/SCEG-DUK//	0	649	651	0	0.00%	0	0%	0	0%	361	12%	2615	88%
S/DUK/SCEG-SOCO//	307	650	651	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/DUK/SCEG-TVA//	307	649	651	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/DUK/SOCO-CPLW//	0	452	454	0	0.00%	0	0%	0	0%	705	24%	2271	76%
S/DUK/SOCO-SCEG//	0	71	146	0	0.00%	0	0%	0	0%	1,260	42%	1716	58%
S/DUK/SOCO-TVA//	315	692	692	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/DUK/TVA-CPLW//	0	454	454	0	0.00%	0	0%	0	0%	69	2%	2907	98%
S/MEAG/MEAG-TVA//	0	125	160	0	0.00%	0	0%	0	0%	44	1%	2932	99%
S/SC/CPLW-DUK//	3,617	3,828	4,402	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/SC/DUK-CPLW//	2,968	3,542	3,753	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/SC/SC-SCEG//	236	2,665	4,636	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/SC/SCEG-CPLW//	0	2,389	3,208	0	0.00%	0	0%	0	0%	28	1%	2948	99%
S/SC/SCEG-DUK//	1,864	3,060	3,505	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/SCEG/DUK-CPLW//	0	2,289	99,899	0	0.00%	0	0%	0	0%	1,311	44%	1665	56%
S/SCEG/DUK-SC//	0	3,034	10,412	0	0.00%	0	0%	0	0%	9	0%	2967	100%
S/SCEG/DUK-SOCO//	99,684	99,919	99,999	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/SCEG/SC-CPLW//	0	3,101	12,745	0	0.00%	0	0%	0	0%	52	2%	2924	98%
S/SCEG/SC-DUK//	2,080	4,511	99,999	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/SCEG/SC-SOCO//	894	4,098	8,566	0	0.00%	0	0%	0	0%	0	0%	2976	100%
S/SCEG/SOCO-DUK//	0	0	99,999	0	0.00%	0	0%	0	0%	1,820	61%	1156	39%
S/TVA/AECI-LGEE//	0	207	419	0	0.00%	0	0%	0	0%	409	14%	2567	86%
S/TVA/CPLW-AECI//	0	276	276	0	0.00%	0	0%	0	0%	967	32%	2009	68%
S/TVA/CPLW-DUK//	0	276	276	0	0.00%	0	0%	0	0%	935	31%	2041	69%
S/TVA/CPLW-LGEE//	0	276	276	0	0.00%	0	0%	0	0%	1,019	34%	1957	66%
S/TVA/DUK-CPLW//	0	276	276	0	0.00%	0	0%	0	0%	939	32%	2037	68%
S/TVA/DUK-LGEE//	0	366	366	0	0.00%	0	0%	0	0%	98	3%	2878	97%
S/TVA/TVA-AECI//	0	632	632	0	0.00%	0	0%	0	0%	42	1%	2934	99%
S/TVA/TVA-LGEE//	0	2,298	2,828	0	0.00%	0	0%	0	0%	98	3%	2878	97%
SS/GTC/GTC-DUK//	9	393	566	0	0.00%	0	0%	0	0%	0	0%	2976	100%
SS/GTC/GTC-FPC//	0	502	1,065	0	0.00%	0	0%	0	0%	56	2%	2920	98%
SS/GTC/GTC-GTC//	25,037	25,735	25,735	0	0.00%	0	0%	0	0%	0	0%	2976	100%
SS/GTC/GTC-JEA//	0	502	1,065	0	0.00%	0	0%	0	0%	56	2%	2920	98%
SS/GTC/GTC-SC//	0	251	315	0	0.00%	0	0%	0	0%	12	0%	2964	100%
SS/GTC/GTC-SOCO//	20,000	20,000	20,000	0	0.00%	0	0%	0	0%	0	0%	2976	100%
SS/SOCO/DUK-SC/MULTIPATHALIAS/	-3	203	473	0	0.00%	0	0%	0	0%	114	4%	2862	96%
SS/SOCO/DUK-TVA/MULTIPATHALIAS/	-3	557	1,019	0	0.00%	0	0%	0	0%	31	1%	2945	99%
SS/SOCO/SC-DUK/MULTIPATHALIAS/	0	360	550	0	0.00%	0	0%	0	0%	22	1%	2954	99%
SS/SOCO/SC-SCEG/MULTIPATHALIAS/	0	101	137	0	0.00%	0	0%	0	0%	96	3%	2880	97%
SS/SOCO/SC-TVA/MULTIPATHALIAS/	0	360	550	0	0.00%	0	0%	0	0%	22	1%	2954	99%
SS/SOCO/SCEG-DUK/MULTIPATHALIAS/	0	154	201	0	0.00%	0	0%	0	0%	24	1%	2952	99%
SS/SOCO/SCEG-SC/MULTIPATHALIAS/	0	154	201	0	0.00%	0	0%	0	0%	106	4%	2870	96%
SS/SOCO/SCEG-TVA/MULTIPATHALIAS/	0	154	201	0	0.00%	0	0%	0	0%	24	1%	2952	99%

Appendix A (continued)

Segment	ATC			MWhs	Loading Factor	Partially Used		Fully Used		Unavailable		Uncleared	
	Min	Median	Max			Intervals	%	Intervals	%	Intervals	%	Intervals	%
SS/SOCO/DUK-TVA/MULTIPATHALIAS/	36	658	1,018	0	0.00%	0	0%	0	0%	0	0%	2972	100%
SS/SOCO/SC-DUK/MULTIPATHALIAS/	-26	286	528	0	0.00%	0	0%	0	0%	49	2%	2923	98%
SS/SOCO/SC-SCEG/MULTIPATHALIAS/	0	47	131	0	0.00%	0	0%	0	0%	292	10%	2680	90%
SS/SOCO/SCEG-DUK/MULTIPATHALIAS/	-26	141	197	0	0.00%	0	0%	0	0%	52	2%	2920	98%
SS/SOCO/SCEG-SC/MULTIPATHALIAS/	0	149	197	0	0.00%	0	0%	0	0%	22	1%	2950	99%