

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

California Independent System) Docket No. ER15-861-006
Operator Corporation)

**ANSWER OF THE CALIFORNIA INDEPENDENT SYSTEM OPERATOR
CORPORATION TO COMMENTS**

The California Independent System Operator Corporation (CAISO) submits this answer to the comments filed by Powerex Corp. (Powerex) and Truckee Donner Public Utility District (Truckee) on November 4, 2015 regarding the CAISO's October 21, 2015 response in this proceeding to the Commission's September 24, 2015 letter requesting additional information on the CAISO's August 19, 2015 filing to implement its available balancing capacity proposal in the Energy Imbalance Market (EIM).¹ The CAISO also responds to the motion for leave to file comments out of time and comments filed by Deseret Generation & Transmission Co-operative, Inc. d/b/a Deseret Power (Deseret) on November 10, 2015.

In its comments, Truckee requests several clarifications. First, Truckee requests that the CAISO clarify tariff section 29.34(e), which the CAISO proposed to revise in the October 21 response, to specify the obligation of EIM entities to report capacity in the EIM resource plan. The CAISO suggests limited modifications to certain of its proposed tariff definitions if the Commission believes that clarification is warranted in light of Truckee's comments. With

¹ The CAISO files this answer pursuant to Rule 213 of the Commission's Rules of Practice and Procedure, 18 C.F.R. § 385.213.

respect to Truckee's concern regarding potential withholding by EIM entities, the Commission has already rejected such concerns as speculative, and the CAISO's independent Department of Market Monitoring (DMM) will continue to monitor and report on the behavior of all EIM market participants. Lastly, Truckee requests clarification as to whether the EIM entity must designate capacity from network resources in an EIM resource plan, and if so, whether compensation to network customers for redispatch of their network resources would be pursuant to the PacifiCorp and NV Energy Open Access Transmission Tariffs (OATTs) or some other mechanism. The clarifications that Truckee requests are provided in filings that PacifiCorp and NV Energy have already submitted, which clearly state that capacity from network resources can be, but need not be, designated as available balancing capacity in the EIM resource plan.

Deseret submitted late-filed comments on subjects that are unrelated to the CAISO's response to the Commission's September 24 letter regarding the available balancing capacity proposal. Deseret raises issues related to whether or not prices under the EIM have been sufficiently lower than the prices paid for imbalance service under schedule 4 of the PacifiCorp OATT, along with concerns regarding the DMM's independence and the degree of visibility the CAISO has in the EIM entity's management of transmission outages. The CAISO responds to Deseret's concerns below even though they are unrelated to the CAISO's response to the Commission's additional questions in this proceeding. The CAISO has analyzed the data provided by Deseret and determined that the data

Deseret presented contains calculation errors that, once corrected, will substantially lower the hourly settlement prices. The CAISO has reached out to Deseret to explain these errors and will be correcting them in upcoming recalculation settlement statements that will also be reflected in the settlement statements issued to Deseret. The CAISO will work towards providing better transparency on how the settlement real-time load aggregation point prices are computed and will also work with PacifiCorp regarding the provision of outage information.

Powerex continues to object to PacifiCorp's and the CAISO's load biasing practices, including the use of a load-bias limiter. Although the CAISO will soon be exploring with stakeholders ways to improve the application of the load-bias limiter, both it and the underlying use of load biasing by EIM entities continue to be necessary tools to ensure system reliability as well as the efficient functioning of EIM. Finally, Powerex once again raises arguments regarding the fundamental structure of the EIM that the CAISO has already fully addressed in this proceeding. The Commission should reject Powerex's arguments.

I. Answer

A. Any Clarification Regarding the Identification of Capacity by EIM Entities Should be Consistent with the CAISO's Proposal in this Answer.

Truckee contends that although the CAISO's response to the September 24 letter clarified that an EIM entity must identify all of its capacity in one of the categories of the EIM resource plan, the CAISO's proposed tariff language is not clear on this point. In particular, Truckee expresses concern that the CAISO

proposes to define available balancing capacity and reserves to meet North American Electric Reliability Corporation (NERC)/Western Electricity Coordinating Council (WECC) contingency reserves requirements as the capacity that an EIM entity identifies in these categories of the resource plan. Truckee requests that the Commission direct the CAISO to clarify tariff section 29.34(e) to state that each EIM entity must identify all of its capacity in its EIM resource plan and apportion all such capacity among the categories listed in sections 29.34(e)(3)(C)-(E), *i.e.*, upward and downward available balancing capacity and EIM reserves to meet NERC/WECC contingency reserves requirements.²

The CAISO believes that section 29.34(e), as revised in the October 21 response, is sufficiently clear that *an EIM entity scheduling coordinator* must identify what capacity it deems is available balancing capacity and what capacity is needed to meet its NERC/WECC requirements in the designated categories of the EIM resource plan.³ However, the CAISO does not object to modifying its proposed tariff language further on compliance if the Commission finds that doing so will be helpful in addressing Truckee's concern that the proposed tariff language does not clearly set forth this obligation. The CAISO proposes to address Truckee's concern regarding the "circular" nature of the tariff language by slightly modifying the definitions of EIM Upward Available Balancing Capacity,

² Truckee at 2, 3-5.

³ Revised section 29.34(e) is also sufficiently clear that available balancing capacity (which is addressed under sections 29.34(e)(3)(C) and -(D)) is distinct from capacity to meet NERC/WECC requirements (which is addressed under section 29.34(e)(3)(E)). The CAISO discussed this distinction on pages 10-15 of the October 21 response.

EIM Downward Available Balancing Capacity, and EIM Reserves to Meet NERC/WECC Contingency Reserves Requirements, as follows:

EIM Upward Available Balancing Capacity: Any upward capacity from an EIM Participating Resource or a non-participating resource that an EIM Entity Scheduling Coordinator determines ~~is~~ ~~has identified in the EIM Resource Plan~~ as available to address power balance and transmission violations in the EIM Balancing Authority Area.

EIM Downward Available Balancing Capacity: Any downward capacity from an EIM Participating Resource or a non-participating resource that an EIM Entity Scheduling Coordinator determines ~~is~~ ~~has identified in the EIM Resource Plan~~ as available to address power balance and transmission constraint violations in the EIM Balancing Authority Area.

EIM Reserves to Meet NERC/WECC Contingency Reserves Requirements: Any capacity that an EIM Entity Scheduling Coordinator determines ~~is~~ ~~has designated, in the EIM Resource Plan, as necessary to meet its NERC/WECC contingency reserves requirements in the applicable Trading Hour and which does not overlap with capacity designated in other parts of the EIM Resource Plan specified in Section 29.34(e)(3).~~

If, however, Truckee is proposing that the EIM entity must designate all of its installed capacity in the EIM resource plan, then the Commission should reject any such proposal. One of the fundamental components of the EIM market design is that the *EIM entity scheduling coordinator* is not solely responsible for identifying all of the capacity in its balancing authority area. The EIM resource plan also includes energy bids from EIM participating resources, which are submitted by the *EIM participating resource scheduling coordinators*. The EIM participating resource scheduling coordinator is a separate entity from the EIM

entity scheduling coordinator.⁴ The EIM entity scheduling coordinator has visibility over what resources are bid in, but it does not control whether or not such resources are bid into the EIM. The CAISO clarified in its October 21 response that the CAISO and the DMM will have full visibility regarding the use of resources in the EIM resource plan.⁵ This will provide the full picture to the CAISO of how the capacity in each EIM area is to be utilized in each market interval.

B. The DMM Is Independent and Has Sufficient Existing Authority to Monitor and Report on EIM Market Participant Behavior.

Deseret argues that the DMM's "structure and lack of independence from the market itself" compromise the DMM's ability to effectively regulate the market.⁶ The Commission should dismiss this argument. The structure and independence of the DMM are beyond the scope of this proceeding, which solely concerns the CAISO's October 21 response to the Commission's questions regarding the available balancing capacity proposal. Further, Deseret's argument constitutes an impermissible collateral attack on the findings the Commission made last year in authorizing the DMM to monitor the EIM:

The Commission previously has found that the Department of Market Monitoring and the CAISO Board satisfy the Commission's independence requirements, and stakeholders have not presented evidence or compelling arguments that expanding the EIM beyond

⁴ An EIM entity scheduling coordinator can only be an EIM participating resource scheduling coordinator if it is a transmission provider subject to the Standards of Conduct for Transmission Providers set forth in 18 C.F.R. Section 358, which prevent the two entities from communicating to each other regarding their bids, even if the two are affiliated. See tariff section 29.4(c).

⁵ October 21 response at 7-8.

⁶ Deseret at 7-8.

CAISO will jeopardize this independence. . . . Additionally, we agree that the Department of Market Monitoring is a logical choice to act as market monitor for the EIM, as it has extensive experience in monitoring an imbalance market in the West and with CAISO's software.⁷

Since the issuance of that 2014 order, the Commission has consistently recognized the importance and reliability of the DMM in monitoring and reporting on the EIM.⁸

Deseret fails to provide any evidence that the DMM is not performing its Commission-authorized functions effectively. Nor does Deseret provide any evidence to support its claim that the DMM is unduly limited in its ability to access and review all required data and to effect or direct appropriate market behavior.⁹ In reality, the CAISO and the DMM work closely to ensure that the DMM has access to all necessary data to effectively monitor the markets and market participant behavior, and the DMM has and will continue to take action independently from the CAISO regarding concerns and/or anomalies it observes in the markets or market participant behavior in accordance with the tariff.¹⁰

⁷ *Cal. Indep. Sys. Operator Corp.*, 147 FERC ¶ 61,231, at P 109 (2014) (citation omitted).

⁸ See, e.g., *Nevada Power Co.*, 151 FERC ¶ 61,131, at P 178 (2015) ("In response to Truckee Donner's claim that NV Energy will be able to manufacture scarcity events, we find that Truckee Donner's argument is speculative and we note that bidding into the EIM will be subject to review and mitigation by the CAISO Department of Market Monitoring."); *Cal. Indep. Sys. Operator Corp.*, 153 FERC ¶ 61,104, at P 45 (2015) ("[W]e will continue to apply the same reporting requirement for CAISO and the CAISO Department of Market Monitoring as we required in [earlier EIM] proceedings. We find that these reports will provide transparency to market participants and the Commission regarding any implementation challenges a new EIM Entity is experiencing and the progress of CAISO and EIM Entity in resolving such challenges.").

⁹ See Deseret at 7-8.

¹⁰ See tariff section 29.38 (setting forth the DMM's market monitoring responsibilities and authority for the EIM); tariff appendix P (setting forth the DMM's structure, responsibilities, and authority). In fulfilling these responsibilities, the DMM has identified and raised a number of important market performance issues to the benefit of market participants, including issues relating to the need to apply mitigation procedures on transfer constraints between the CAISO

Truckee acknowledges that EIM entities should be entitled to discretion to decide how to use their capacity to meet NERC/WECC requirements, but states that the exercise of that discretion must not be “a guise for withholding capacity to exercise market power.” Truckee requests that the Commission: (1) direct the CAISO to confirm that its DMM will have the obligation to monitor EIM entities’ discretionary allocations of capacity between the EIM resource plan categories of available balancing capacity and EIM reserves to meet NERC/WECC contingency reserves requirements; and (2) clarify that if the DMM does determine that an EIM entity is abusing its discretion, the DMM has the ability to prevent further abuse and direct compensation for past instances of abuse.¹¹

The clarifications Truckee requests are unnecessary. The CAISO tariff already requires the DMM to monitor the EIM for “market abuses, market power, violations of [Commission] or CAISO Market rules prohibiting the provision of false information, or market manipulation.”¹² If the DMM determines that there is sufficient credible evidence that a violation of Commission or CAISO market rules has occurred, the DMM will refer the matter to the Commission.¹³ Thus, the Commission will be able to address any evidence of market power (e.g., physical withholding) that the DMM discovers in monitoring the EIM.

and EIM balancing authority areas, real-time congestion imbalance offset virtual bid adjustment, bid cost recovery, and greenhouse gas adders. See, e.g., *Cal. Indep. Sys. Operator Corp.*, 151 FERC ¶ 61,108, at PP 6, 18 (2015); *Cal. Indep. Sys. Operator Corp.*, 149 FERC ¶ 61,058, at P 57 & n.112 (2014); *Cal. Indep. Sys. Operator Corp.*, 147 FERC ¶ 61,231, at P 240.

¹¹ Truckee at 2, 5.

¹² Tariff section 29.38(a).

¹³ Tariff section 29.38(d).

The available balancing capacity provisions do not require any new or expanded authority for the DMM to deal with the potential for physical withholding by EIM participants. Truckee previously raised the issue of the potential for NV Energy to physically withhold resources to increase EIM prices in its protest of NV Energy's tariff amendment to facilitate its participation in the EIM.¹⁴ In response, the Commission characterized Truckee's concerns as "speculative" and noted that bidding into the EIM will be subject to review and mitigation by the DMM.¹⁵ Truckee's concerns regarding potential physical withholding are equally speculative here, and are adequately addressed by the DMM's existing market monitoring and reporting functions.

Further, the CAISO has committed to provide quarterly reports on the performance of the available balancing capacity solution after it is implemented, which will provide sufficient information regarding its performance.¹⁶ The DMM is already required to issue quarterly and annual reports on wholesale market trends and performance,¹⁷ and the readiness criteria for a new EIM entity include the provision of sufficient information to the CAISO and the DMM to enable market monitoring as of the EIM entity's implementation date.¹⁸ The DMM

¹⁴ Protest of Truckee Donner Public Utility District, Docket No. ER15-1196-000, at 34-35 (Apr. 6, 2015).

¹⁵ *Nevada Power Co.*, 151 FERC ¶ 61,131, at P 178.

¹⁶ See transmittal letter for August 19 filing at 48; CAISO answer to comments and protests regarding the August 19 filing at 42-43 (October 21 answer). The October 21 answer should not be confused with the CAISO's October 21 response to the Commission's September 24 letter.

¹⁷ Tariff appendix P, section 5.2.

¹⁸ See tariff section 29.2(b)(7)(K)(v). The Commission recently accepted the readiness criteria. See *Cal. Indep. Sys. Operator Corp.*, 153 FERC ¶ 61,205 (2015).

reports will include discussion on all significant EIM issues, including any issues with the available balancing capacity mechanism.

C. NV Energy Has Already Provided the Clarifications Requested by Truckee Regarding the Treatment of Capacity from Network Resources.

Truckee asserts that, consistent with the Commission's *pro forma* OATT, section 33.2 of PacifiCorp's and NV Energy's OATTs allows the transmission provider to redispatch network resources to maintain reliability.¹⁹ Truckee requests that the Commission clarify whether, in light of an EIM entity's rights under its transmission tariff to redispatch network resources, the capacity from those resources must be designated in an EIM resource plan as available balancing capacity or EIM reserves to meet NERC/WECC contingency reserves requirements. Truckee also argues that if network resources are to be included in an EIM resource plan as available balancing capacity or EIM reserves to meet NERC/WECC contingency reserves requirements, the Commission should require the CAISO and/or the EIM entities to clarify whether compensation to

¹⁹ For example, section 33.2 of PacifiCorp's OATT reads:

Transmission Constraints: During any period when the Transmission Provider determines that a transmission constraint exists on the Transmission System, and such constraint may impair the reliability of the Transmission Provider's system, the Transmission Provider will take whatever actions, consistent with Good Utility Practice, that are reasonably necessary to maintain the reliability of the Transmission Provider's system. To the extent the Transmission Provider determines that the reliability of the Transmission System can be maintained by redispatching resources, the Transmission Provider will initiate procedures pursuant to the Network Operating Agreement to redispatch all Network Resources and the Transmission Provider's own resources on a least-cost basis without regard to the ownership of such resources. Any redispatch under this section may not unduly discriminate between the Transmission Provider's use of the Transmission System on behalf of its Native Load Customers and any Network Customer's use of the Transmission System to serve its designated Network Load.

network customers for redispatch of their network resources would be pursuant to section 33.3 of the PacifiCorp and NV Energy OATTs or based on some other mechanism.²⁰

The clarifications that Truckee requests are provided in the filings that PacifiCorp and NV Energy submitted on September 1, 2015 to change their OATTs to conform them to the CAISO's August 19 filing in this proceeding. As NV Energy explained (in discussion similar to PacifiCorp's):

To facilitate implementation of the CAISO's proposal, NV Energy proposes a definition of 'Balancing Authority Resource' to include resources owned or voluntarily contracted for by NV Energy that can provide regulation and load following services to enable the NV Energy EIM Entity to meet reliability criteria. This definition assures third party Transmission Customers that the NV Energy EIM Entity will not be identifying their units as EIM Available Balancing Capacity, unless NV Energy has established a pre-existing contractual right to call on that capacity. *The definition of Balancing Authority Area Resources is not meant to include, however, units that might be subject to a Manual Dispatch in the event of a System Emergency.* Consistent with the CAISO's proposed terminology, 'EIM Available Balancing Capacity' is any upward or downward capacity from a Balancing Authority Area Resource that is not bid into the EIM and that the NV Energy EIM Entity includes in its Resource Plan.²¹

²⁰ Truckee at 2-3, 6-7. For example, section 33.3 of PacifiCorp's OATT reads:

Cost Responsibility for Relieving Transmission Constraints: Whenever the Transmission Provider implements least-cost redispatch procedures in response to a transmission constraint, the Transmission Provider and Network Customers will each bear a proportionate share of the total redispatch cost based on the ratio of each Network Customer's hourly load (including its designated Network Load not physically interconnected with the Transmission Provider under Section 31.3) coincident with the Transmission Provider's Monthly Transmission System Peak.

²¹ Transmittal letter for NV Energy filing, Docket No. ER15-1196-004, at 7 (Sept. 1, 2015) (emphasis added). See also transmittal letter for PacifiCorp filing, Docket No. ER15-2591-000, at 6 (Sept. 1, 2015) (providing explanation similar to NV Energy's). The Commission rejected without prejudice the proposed tariff revisions contained in PacifiCorp's filing, on the grounds that they were premature. PacifiCorp, 153 FERC ¶ 61,097 (2015). NV Energy's filing is pending before the Commission.

Consistent with this explanation, capacity from network resources can be, but need not be, designated in an EIM resource plan as available balancing capacity (or as EIM reserves to meet NERC/WECC contingency reserves requirements). If the EIM entity includes capacity from network resources in the EIM resource plan, the capacity will be compensated in accordance with the EIM settlement mechanisms. The CAISO disagrees with Truckee's suggestion that to the extent the EIM entities have the right to dispatch network resources "to maintain a balance between supply and load, those resources should be designated as ABC [available balancing capacity]."²² Section 33.2 of the OATT indicates that redispatch may be necessary to address a transmission constraint. As explained in the testimony provided by Mr. Tretheway in the August 19 filing, the available balancing capacity mechanism is intended to address power balance constraints primarily, which may also result in relieving transmission constraints.²³ However, as previously stated, if resources providing redispatch service under the EIM entity's OATT have other contractual arrangements that allow the EIM entity to utilize its capacity, the EIM entity would be able to identify those resources as available balancing capacity.

²² See Truckee at 6.

²³ Attachment C to August 19 filing (testimony of Donald Tretheway) at 28.

D. There Is No Merit to Powerex’s Arguments Regarding Load Biasing and the Load Bias Limiter.

1. The EIM Entity Balancing Authority, Not the CAISO, Should Perform Load Biasing.

Powerex argues that allowing EIM entities to adjust load forecasts (*i.e.*, engage in load biasing) will allow commercially interested EIM entities to influence the EIM’s market clearing and price formation processes. Powerex asserts that the Commission should, therefore, direct the CAISO to eliminate the ability of EIM entities to directly engage in load biasing and require any use of load biasing (and the load bias limiter) to be set forth in the CAISO tariff.²⁴

The Commission should reject Powerex’s proposals. In its October 21 answer, the CAISO addressed Powerex’s contention that the Commission should not permit EIM entities to directly engage in load biasing.²⁵ As the CAISO explained, Powerex fails to recognize that the EIM entity as the balancing authority – not the EIM entity’s merchant function – conducts the load forecast adjustment.²⁶ These functions and the personnel undertaking them are separated in accordance with the Commission’s Standards of Conduct for Transmission Providers (“Standards of Conduct”).²⁷ The Standards of Conduct

²⁴ Powerex at 11, 14-16, 18-19.

²⁵ October 21 answer at 32.

²⁶ See tariff section 29.4(b) (describing the obligations of an EIM entity as the balancing authority) tariff appendix A (defining an “EIM Entity” as a balancing authority that represents one or more transmission service providers).

²⁷ See 18 C.F.R. Part 358, including section 358.5(a) (stating that “a transmission provider’s transmission function employees must function independently of its marketing function employees”) section 358.5(b) (setting forth requirements regarding separation of transmission and marketing functions), and section 358.6 (prohibiting disclosure of non-public transmission function information to marketing function employees). The Standards of Conduct define a

also prohibit a transmission provider from giving “undue preference to any person in matters relating to the sale or purchase of transmission service (including, but not limited to, issues of price, curtailments, scheduling, priority, ancillary services or balancing).”²⁸

The EIM balancing authority will adjust the forecast to ensure that the system is balanced reliably and consistent with what it perceives system conditions to be,²⁹ but the EIM balancing authority has no economic interest in these adjustments. Also, the CAISO is unable to make such adjustments in real-time, when they are needed, because it is not the balancing authority for EIM entities and is not therefore not responsible for ensuring the reliability of those balancing authority areas. The EIM entity, as the grid operator, is the entity best positioned to perform the load bias for its balancing authority area, because the EIM entity, as the balancing authority, monitors and corrects its area control error (ACE). The CAISO operator cannot perform load biasing for the EIM entity because that would require the CAISO to assume the responsibility of monitoring and correcting ACE for other balancing authority areas, which is the sole responsibility of the EIM entity as the balancing authority.³⁰ For these reasons, the EIM entity rather than the CAISO should conduct load forecast adjustments.

transmission provider as any public utility that owns, operates or controls facilities used for the transmission of electric energy in interstate commerce. 18 C.F.R. § 358.3(k)(1).

²⁸ 18 C.F.R. § 358.4(c).

²⁹ This accords with Powerex’s acknowledgement that load biasing may be “necessary to achieve a more accurate EIM market solution.” Powerex at 11.

³⁰ See CAISO tariff section 29.4(b)(1)(B) (stating that “[n]othing in [tariff] Section 29 shall alter an EIM Entity’s responsibilities under NERC Reliability Standards as the Balancing Authority for the EIM Entity Balancing Authority Area”). The NERC reliability standards includes balancing

Further, just as there is no reason to specify in the CAISO tariff the reasons why CAISO operators may adjust the load forecast for the CAISO balancing authority area based on their judgment when necessary to reflect actual system conditions, there is no reason to specify in the tariff that the EIM balancing authority may modify the load forecast for its balancing authority area to account for actual system conditions. The load forecast is intended to reflect the actual system requirements, and the adjustments the operators make to the forecast serve the same purpose. Operators make these adjustments based on their best judgment during the operating period and to ensure the market can produce a feasible and reliable solution, consistent with actual conditions.

Powerex challenges the explanation provided in the October 21 response regarding the EIM entity's reasons for adjusting load forecasts. Powerex states that instead of adjusting load forecasts to compensate for a forced or partial outage of a generating resource during the time between when the outage occurs and the 30-minute deadline for reporting outages under the CAISO tariff, the EIM entity should report the outage as soon as possible.³¹ The CAISO has worked with PacifiCorp over the past year to reduce any time lags in outage reporting, and will continue to do so.³² However, this does not eliminate the need for the load biasing. There are instances in which the operator may observe

authority obligations to address ACE. See NERC reliability standard BAL-001-1 (concerning real power balancing control performance).

³¹ Powerex at 15.

³² See, e.g., CAISO informational report, Docket No. ER15-402-000, at 23-24 (Mar. 26, 2015) (discussing steps taken by the CAISO and the EIM entity regarding timely entering and cancelling of forced outages).

system conditions contrary to what is reported, despite best efforts and tools that reflect the state of the system in any given operating interval. The operator must be able to modify the load forecast to inform the market and elicit the most reliably feasible solution based on the operator's judgement.

Powerex, citing the statement in the October 21 response that EIM entities may use load biasing to account for various types of modeling and telemetry errors and resource and load deviations, argues that the CAISO is permitting EIM entities to insert a subjective load bias amount in lieu of timely communicating information regarding real-time systems to the CAISO.³³ This contention is baseless. The EIM entity uses all of its tools as necessary to ensure the market observes actual market conditions. Load biasing tool is one tool used by balancing authorities (including the CAISO) – not marketing entities as Powerex suggests – to ensure that the CAISO market systems are better informed of operational conditions. Load biasing is purely a reliability function, and there is no reason to believe that the EIM entity, as the balancing authority, would manipulate the load forecast to impact prices.

2. The CAISO's Use of the Load Bias Limiter Is Appropriate.

Powerex recognizes that it is appropriate to apply the load bias limiter to identify erroneous operator adjustments and to prevent such adjustments from adversely impacting market operations. However, Powerex argues that the load bias limiter should not be used to prevent load biasing from triggering the

³³ Powerex at 15-16.

application of penalty prices. As discussed in more detail below, Powerex also contends that data contained in the CAISO's monthly EIM informational report for July 2015 indicates that the load bias limiter may make the load forecast less accurate in order to avoid penalty pricing.³⁴

The CAISO currently uses the load bias limiter only in its own balancing authority area and will not expand the use of the load bias limiter to include the balancing authority areas of EIM entities until the ongoing pricing waiver period expires.³⁵ The CAISO concurs that, in all balancing authority areas, the load bias limiter should not be used to avoid penalty pricing in circumstances where true scarcity exists. However, as the CAISO explained in its October 21 answer, the purpose of the load bias limiter is to avoid situations that may result in false scarcity and unnecessary price spikes due to the way load biasing is conducted. Powerex fails to distinguish between two differing circumstances: (1) use of the load bias limiter to avert triggering penalty prices due to artificial infeasibilities (*i.e.*, cases in which the megawatt quantity of the infeasibility is less than, and in the same direction as, the operator adjustment); and (2) triggering of penalty prices (and non-use of the load bias limiter) due to true infeasibilities (*i.e.*, cases in which the megawatt quantity of the infeasibility is greater than or in the opposite direction of the operator adjustment). It is appropriate to take different actions to address these two different circumstances.³⁶

³⁴ Powerex at 11, 16-18.

³⁵ Transmittal letter for August 19 filing at 36-37.

³⁶ October 21 answer at 33-35.

The CAISO uses the load bias limiter tool to dynamically calculate the maximum available feasible capacity of the system. Because the CAISO performs the calculation dynamically based on the specific system conditions at the time the biasing occurs, the purpose of the limiter is to avoid situations where an operator may enter an infeasible static requirement without knowing the maximum system capability. Also, as noted above, the load bias limiter is intended to address only true scarcity conditions. It only limits the bias to the extent the megawatt quantity of the infeasibility is less than, and in the same direction as, the operator adjustment. The bias is not limited in cases in which the megawatt quantity of the infeasibility is greater than or in the opposite direction of the operator adjustment.

Powerex argues that the CAISO's own data demonstrates that the load bias limiter may make the load forecast *less* accurate, not more accurate, in order to avoid penalty pricing. Powerex asserts that the EIM monthly report shows that the EIM balancing authority area experienced undersupply infeasibility, and the EIM entity had *no* excess capacity available to meet these shortfalls. Powerex goes on to argue that, absent the existing pricing waiver, the CAISO would have used the load bias limiter to avoid applying penalty pricing. Powerex argues that this would have reversed the load bias to avoid penalty prices, even though the load forecast was more accurate with the load bias than without it. Powerex concludes that the data demonstrates that the load bias

limiter would have falsely masked actual scarcity conditions during certain intervals in July 2015.³⁷

Powerex misunderstands the data the CAISO provided in the July 2015 report and reaches erroneous conclusions regarding that data. The data does not reflect any load bias actions the EIM entity operators would have taken or how the CAISO's load bias limiter would have acted in those intervals. It merely reflects whether in those intervals the infeasibility was larger than the identified reserves.

For the load bias limiter to avoid an infeasibility under these circumstances, the operator would have to know in advance how much capacity is available in the real-time market so as to be able to determine ahead of time, even before the real-time market starts to run and obtains a solution, whether there will be an infeasibility and the magnitude and direction of the infeasibility. The operator would have to input the biasing information in that amount and direction to make the load bias limiter mask the scarcity. In reality, the reason for adopting the load bias limiter is that the operators – including the EIM entity operators – do not know ahead of time how much capacity will be available in the market in the upcoming run. The load bias limiter is a safeguard against a potential excessive bias given the lack of information of how much capacity is actually available in the system. Contrary to Powerex's assertions, if the operator knew all this information in advance and prior to running the market, the CAISO would not need to adopt the load bias limiter in the first place because the

³⁷ Powerex at 16-18.

operator would know exactly how much capacity is available in the upcoming runs.

Moreover, Powerex ignores the fact that the power balance infeasibility is known only after the market solution is obtained, which is determined by all the dynamics of the system, including the ramp capability of resources, previous operating point of resources, potential deviation from resources, inter-temporal constraints of resources, congestion management of transmission constraints, among others. The load bias is an input to the market before the market actually starts to run, at which time the available system capacity is obviously not known.

Powerex's suggestion that the EIM entity or the CAISO operators could use load biasing deliberately to mask true scarcity is wrong.³⁸ Such a strategy would not be sustainable. It would pose a reliability risk because the system would redispatch resources to meet the additional load requirement. Thus, using such a strategy would eventually lead to a mismatch in the power balance of the actual system, and the operator would have to mitigate its adverse consequences. Such a strategy would be contrary to good utility practice and the operators' responsibility to run the system reliably.

As the CAISO has explained in its monthly reports to the Commission, the CAISO is currently exploring enhancements to the load bias limiter to address the potential for the limiter, as currently configured, to be under-applied (in cases

³⁸ As discussed above, the CAISO will soon be commencing a stakeholder process to address improvements to the load bias limiter to address situations in which the load bias limiter can be inadvertently triggered unnecessarily, as discussed in the CAISO's September 22, 2015 report on the EIM price waiver.

of sudden changes in load bias) or triggered unnecessarily (in intervals where a persistent bias is unintentionally applied).³⁹ The CAISO will soon commence a stakeholder effort to consider these enhancements, and will determine, as part of that effort, the appropriate means of documenting the application of the load-bias limiter (e.g. through business practice manual and/or tariff revisions). However, it is important that CAISO and EIM entity operators continue to be able to utilize load biasing and the associated limiter. As the CAISO has explained herein and in previous pleadings in this proceeding, these practices are critical tools to allow operators to feasibly ramp the system as fast as possible during specific intervals in order to ensure reliability, and are employed in a manner that generally avoids false scarcity conditions. Given the operational benefits of these mechanisms, and recognizing that the CAISO will soon be considering improvements to them through a stakeholder process, the Commission should reject Powerex's requests to restrict or eliminate their use.

E. The CAISO Has Committed to Work with Deseret and PacifiCorp Regarding the Transmission of Outage Information.

Deseret believes that one of the underlying causes of the price spikes that remains unaddressed is delay in transmitting unplanned real-time generator outage/derate information to the CAISO. Deseret claims that the process for reporting such outages, which relies on emails and telephone calls, is “error

³⁹ See, e.g., CAISO informational report, Docket No. ER15-402-000, at 48-49 (Sept. 22, 2015).

prone and can take several hours to reach the [CAISO].” Deseret suggests using e-tags for reporting non-participating resource unit availability.⁴⁰

The CAISO reached out to Deseret prior to filing this response and understands that Deseret’s concern is with PacifiCorp’s process for processing outages and derates of a non-participating resource. The CAISO has agreed to work with Deseret and PacifiCorp to evaluate and consider enhancements to those processes. The CAISO has already addressed issues with outage reporting identified earlier in this proceeding, which involved transitional and learning curve issues that hindered such reporting, not the manual nature of outage reporting. These issues have been resolved, and as a result outage submission times have substantially improved, being a few minutes or less in most instances.

To the extent PacifiCorp can improve the process by which it provides outage information of non-participating resources to the CAISO, the CAISO will assist PacifiCorp in adopting those improvements. However, that commitment is wholly independent of the merits of the available balancing capacity mechanism at issue in this proceeding. Although the issues discussed above may have contributed to infeasibilities that occurred near the start of EIM operations, the CAISO has demonstrated in its monthly reports that infeasibilities due to outage reporting have decreased substantially.⁴¹ The Commission should accept the

⁴⁰ Deseret at 6-7.

⁴¹ Compare CAISO informational report, Docket No. ER15-402-000, at 18 (figure 10) (Mar. 26, 2015), with CAISO informational report, Docket No. ER15-402-000, at 12 (figure 2) (Sept. 22, 2015).

available balancing capacity proposal and allow the CAISO to work with Deseret and PacifiCorp and to consider process improvements to their outage reporting processes, as discussed above.

F. Deseret's Pricing Figures Are Based on Erroneous CAISO Settlement Data.

Deseret argues that pricing disparities exist between the EIM and bilateral regional markets as well as within the EIM itself. Deseret contends that the EIM prices have been at a substantial premium to bilateral regional market prices even before accounting for EIM costs allocated to loads through the measured demand charge mechanism. Deseret provides a chart depicting pricing data from November 1, 2014 through September 1, 2015, based on the PacifiCorp East load aggregation point for settling load energy imbalance in the PacifiCorp East balancing authority area. Deseret asserts that the price coming out of the EIM has included a \$6.87/MWh premium as compared with the pricing methodology that PacifiCorp used under schedule 4 of its OATT prior to joining the EIM. Deseret also states that during August and September 2015, loads with energy imbalance in the PacifiCorp East balancing authority area have, on average, seen a premium between \$11.50 per MWh and \$12.70 per MWh, respectively. Deseret argues that this represents, respectively, a 37 percent and 47 percent premium for the months of August and September relative to the hourly pricing proxy price used by PacifiCorp, which included an average of bilateral market prices at California-Oregon Border (COB), Four Corners, Mid-

Columbia (Mid-C), and Palo Verde (PV). Deseret notes that it bases its analysis on data derived from PacifiCorp's OASIS.⁴²

The data on which Deseret relies is erroneous for two reasons, although Deseret could not have known this when it obtained the pricing data presented in its comments. The real-time load aggregation point prices from the PacifiCorp OASIS are derived from the settlement billing determinants provided by the CAISO to PacifiCorp. These prices differ from the real-time load aggregation point prices reported on the CAISO OASIS because in some instances price corrections are not yet reflected in the prices of the first settlement cycle. Also, the real-time load aggregation point price, which is derived from load-weighted prices for each specific default load aggregation point, is based on the data provided by the CAISO to PacifiCorp through the settlement systems.⁴³ The CAISO has determined over the past few months that EIM prices produced through its settlement system were incorrect due to two errors.

The first error resulted from exclusion of the greenhouse gas adder required by section 28.32 of the CAISO tariff from the real-time load weighted prices produced in the settlement system for the EIM areas. The EIM bid adder for greenhouse gas is a negative number, and applying it to the real-time load aggregation point price results in lower prices. The error was detected by the DMM in July 2015. The CAISO determined that it only affected settlement

⁴² Deseret at 3-6.

⁴³ See tariff section 11.5.2.2. The average prices reported by CAISO in the EIM monthly informational reports, as well as the price comparisons provided in the DMM's regular reports to the Commission regarding EIM performance, reflect prices reported on the CAISO's OASIS, which are unaffected by these errors.

prices, but did not affect the OASIS prices posted on the CAISO's website because the settlement prices are derived as weighted values from the underlying fifteen- and five-minute prices. After further investigation, the CAISO concluded that it needed to correct real-time settlements to include the greenhouse gas adders going back to November 1, 2014. The CAISO implemented the settlement correction in its charge codes effective September 28, 2015. The CAISO will also adjust settlement statements going back to November 1, 2014 in the upcoming recalculation settlement statements for the 55 business days after the trading day recalculation statement, the 9-month recalculation statement, and the 18-month recalculation statement. Once the affected settlement statements are corrected, the CAISO expects that the PacifiCorp OASIS settlement statement-based prices will also be corrected.

The second issue pertains to the real-time load aggregation point price calculation itself. The DMM determined in July that the settlement system-based real-time load aggregation point prices were not properly weighted as required by section 11.5.2.2 of the CAISO tariff. Section 11.5.2.2 specifies that the default load aggregation point hourly real-time prices are bounded by the maximum positive locational marginal price and the lowest negative locational marginal price for the applicable trading hour from those relevant intervals at the relevant load aggregation point. The section further provides that if the calculated price exceeds the upper boundary or is below the lower boundary, then the default load aggregation point hourly real-time prices will instead be calculated based on a weighted average price, with the weightings based on gross deviations

(absolute value of each deviation). In implementing this requirement, the CAISO erroneously used the absolute value of the settlement amounts to weight the prices instead of the gross deviations in MWh. This inflated prices and is inconsistent with the tariff requirement that prices be weighted by the gross deviations in load, which is consistent with the load weighting of that price in the first instance. As with the greenhouse gas adder issue, this error does not affect the real-time load aggregation point prices posted on the CAISO's OASIS but does affect the settlement-based prices reported on PacifiCorp's OASIS. The CAISO will soon announce the change to its market participants through an upcoming modification to the business practice manuals. The CAISO expects that the change will take effect on December 2, 2015, and the CAISO will correct the settlement prices going back to May 1, 2014 in the upcoming recalculation settlement statements.⁴⁴

The CAISO understands that Deseret was not aware of these two errors in the data from the CAISO settlement system. The CAISO has communicated these issues to Deseret and explained that it will correct the errors in upcoming recalculation settlement statements.

The CAISO has estimated the impact on the settlement-derived prices used by Deseret based on the two corrections it will make to the prices. The chart below shows that the corrected prices are significantly lower than the EIM prices that Deseret cites. The CAISO communicated this to Deseret prior to

⁴⁴ The CAISO has determined that the issue arose with the implementation of this charge code on May 1, 2014, and that it affects both the EIM and CAISO real-time markets prior to the implementation of the EIM.

submitting this filing, and Deseret has authorized the CAISO to state that Deseret will re-evaluate its concerns after the settlement prices are corrected.

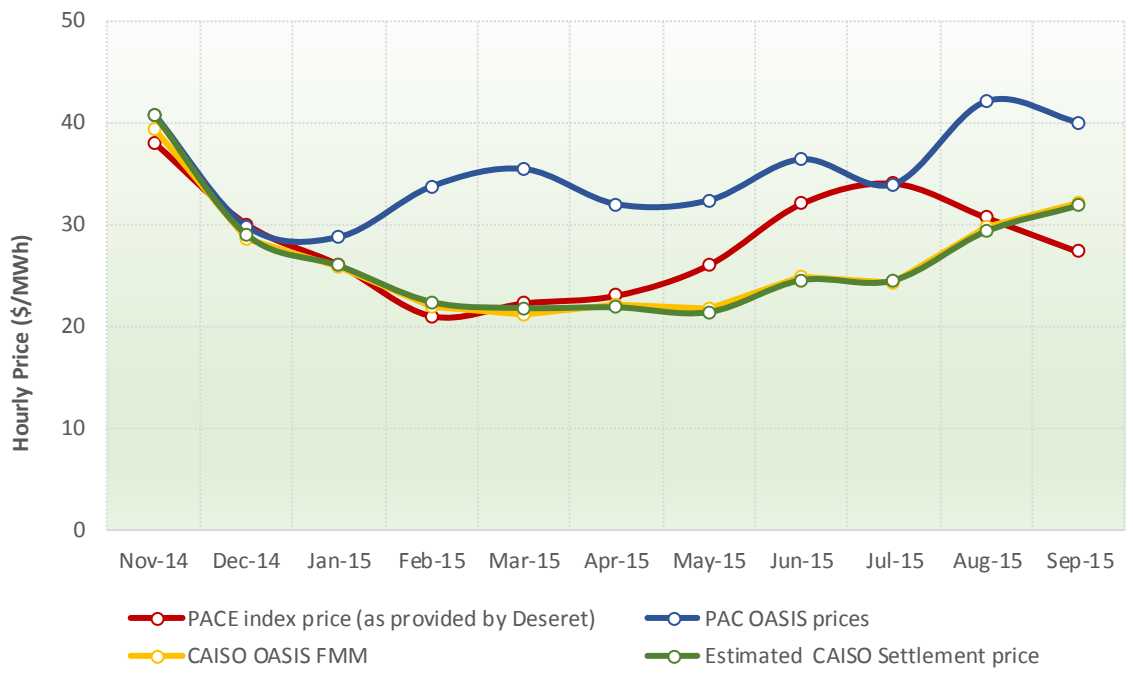
Figure 1 below compares the EIM load aggregation point prices for the PacifiCorp East balancing authority area. The red line shows the original bilateral hub prices provided by Deseret. The blue line represents the hourly prices per month derived from the hourly prices available on the PacifiCorp East OASIS as cited by Deseret. The yellow line shows the simple average prices for the fifteen minute market as reflected on the CAISO's OASIS, which are also used in the CAISO's monthly EIM informational reports. The green line shows the estimated recalculated settlement prices once the issues described above are corrected.⁴⁵

As reflected in Figure 1, the corrected prices shown in green are consistently below the original prices shown in blue that Deseret referenced. The corrected prices represented by the green line are also closely aligned with the prices on the CAISO's OASIS and are equal to or below the bilateral hub prices in almost all months in 2015. This pricing trend is consistent with the findings reported in DMM's prior reports to the Commission on EIM performance.⁴⁶

⁴⁵ Included as Attachment A to this filing are estimated recalculated hourly settlement prices reflecting the correction of the errors described herein, for both PacifiCorp East and PacifiCorp West. These estimated prices are for comparison purposes only, as they were calculated outside of the CAISO's normal settlement process and may be further revised to reflect other settlement adjustments.

⁴⁶ See, e.g., DMM informational report, Docket No. ER15-402-000, at 10 (table 2.1) (July 28, 2015); DMM informational report, Docket No. ER15-402-000, at 10 (table 1.1) (Sept. 25, 2015).

Figure 1: Price comparison for PACE ELAP prices



G. Powerex Merely Repeats Arguments Regarding Penalty Pricing and Bidding of Capacity into the EIM that the CAISO Has Already Addressed.

Powerex argues that the available balancing capacity proposal is contrary to the Commission’s position that penalty pricing should trigger to reflect deployment of reserves. Powerex also argues that the Commission should require the CAISO to take steps to ensure that more capacity is bid into the EIM.⁴⁷

These arguments are beyond the scope of the October 21 response because they do not concern whether the October 21 response fully addressed the questions posed in the Commission’s September 24 letter. Instead, Powerex merely repeats prior arguments urging the Commission to adopt Powerex’s EIM

⁴⁷ Powerex at 9-10, 11-14.

design proposals in lieu of the existing EIM design and the CAISO's proposed enhancements. The CAISO has already provided a complete response to Powerex's arguments regarding the available balancing capacity proposal in its earlier filings in this proceeding, including its answer to comments and protests regarding its August 21 filing, and will not repeat them here.⁴⁸

What is particularly troubling is that Powerex still seems to misunderstand the available balancing capacity proposal insofar as Powerex asserts that the CAISO is proposing to eliminate an EIM entity's reserves without triggering penalty pricing. This is incorrect. As the CAISO has explained: (1) an EIM entity's contingency reserves should not be designated as available balancing capacity, and therefore would not be affected at all by the CAISO's proposal; and (2) regulation and other capacity available to an EIM entity to balance supply and load can already be utilized by EIM entities to resolve power balance constraints in the EIM through manual dispatches – the available balancing capacity proposal merely improves and streamlines this process.

⁴⁸ See pages 9-19 and 25-27 of the reply comments the CAISO filed in Docket Nos. ER15-861-000 and EL15-53-000 on May 21, 2015; pages 1-4 of the limited answer to reply comments the CAISO filed in Docket Nos. ER15-861-000 and EL15-53-000 on June 5, 2015; pages 26-35 and 38-40 of the CAISO's August 19 filing; and pages 7-32 of the answer the CAISO filed in Docket No. ER15-861-003 on October 21, 2015 ("October 21 answer").

III. Conclusion

For the foregoing reasons, the CAISO requests that the Commission accept the October 19 filing and direct the CAISO to submit a compliance filing to clarify its proposed tariff definitions as discussed in this answer if the Commission finds that such clarification is necessary.

Respectfully submitted,

/s/ Anna A. McKenna
Anna A. McKenna

Michael Kunselman
Bradley R. Miliauskas
Alston & Bird LLP
The Atlantic Building
950 F Street, NW
Washington, DC 20004
Tel: (202) 239-3300
Fax: (202) 239-3333
E-mail:
michael.kunselman@alston.com
bradley.miliauskas@alston.com

Roger E. Collanton
General Counsel
Anthony J. Ivancovich
Deputy General Counsel
Anna A. McKenna
Assistant General Counsel
John C. Anders
Lead Counsel
California Independent System
Operator Corporation
250 Outcropping Way
Folsom, CA 95630
Tel: (916) 351-4400
Fax: (916) 608-7222
E-mail:
amckenna@caiso.com
janders@caiso.com

Counsel for the California Independent System Operator Corporation

Dated: November 24, 2015

CERTIFICATE OF SERVICE

I hereby certify that I have served the foregoing document upon all of the parties listed on the official service list for the above-referenced proceeding, pursuant to the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2010).

Dated at Washington, D.C. this 24th day of November, 2015.

/s/ Michael Kunselman
Michael Kunselman

Attachment A

**Estimated recalculated hourly settlement prices for
PacifiCorp East and PacifiCorp West**

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/1/2014	1	53.47	56.22
11/1/2014	2	184.22	184.01
11/1/2014	3	76.33	45.62
11/1/2014	4	29.53	27.71
11/1/2014	5	62.18	41.22
11/1/2014	6	48.10	42.11
11/1/2014	7	46.22	42.84
11/1/2014	8	45.55	46.49
11/1/2014	9	38.84	39.54
11/1/2014	10	35.57	36.46
11/1/2014	11	36.19	37.26
11/1/2014	12	27.75	-11.59
11/1/2014	13	26.54	-69.65
11/1/2014	14	31.31	29.96
11/1/2014	15	18.41	-20.99
11/1/2014	16	24.95	16.86
11/1/2014	17	280.16	29.53
11/1/2014	18	23.01	27.77
11/1/2014	19	17.53	18.03
11/1/2014	20	15.47	-82.10
11/1/2014	21	-3.34	-2.61
11/1/2014	22	0.11	0.89
11/1/2014	23	-3.87	-31.28
11/1/2014	24	7.89	8.42
11/2/2014	1	24.69	25.81
11/2/2014	2	21.40	25.55
11/2/2014	3	25.08	24.40
11/2/2014	4	27.24	27.59
11/2/2014	5	274.99	-22.46
11/2/2014	6	30.29	30.04
11/2/2014	7	33.44	33.24
11/2/2014	8	25.62	29.96
11/2/2014	9	31.02	31.98
11/2/2014	10	21.02	19.13
11/2/2014	11	26.25	11.61
11/2/2014	12	21.38	-22.99
11/2/2014	13	-7.22	-7.32
11/2/2014	14	1.55	1.86
11/2/2014	15	6.25	6.11
11/2/2014	16	33.25	39.98
11/2/2014	17	529.18	30.30
11/2/2014	18	53.22	53.29
11/2/2014	19	206.75	49.31
11/2/2014	20	34.99	35.68
11/2/2014	21	27.37	28.00
11/2/2014	22	-6.35	0.62

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/2/2014	23	18.97	-54.47
11/2/2014	24	1.40	-1.51
11/3/2014	1	271.73	-17.63
11/3/2014	2	27.43	380.81
11/3/2014	3	998.05	228.12
11/3/2014	4	70.35	6.99
11/3/2014	5	218.97	21.60
11/3/2014	6	39.08	38.90
11/3/2014	7	172.13	115.14
11/3/2014	8	22.85	412.90
11/3/2014	9	28.91	40.71
11/3/2014	10	27.33	35.57
11/3/2014	11	15.84	18.40
11/3/2014	12	21.40	19.83
11/3/2014	13	27.84	29.20
11/3/2014	14	24.50	25.85
11/3/2014	15	27.22	28.63
11/3/2014	16	16.79	-74.77
11/3/2014	17	15.06	146.46
11/3/2014	18	10.41	19.52
11/3/2014	19	18.95	33.35
11/3/2014	20	21.85	29.65
11/3/2014	21	19.03	35.69
11/3/2014	22	21.39	49.02
11/3/2014	23	19.60	24.76
11/3/2014	24	22.63	22.99
11/4/2014	1	176.06	296.24
11/4/2014	2	22.10	387.84
11/4/2014	3	22.95	127.68
11/4/2014	4	21.51	37.58
11/4/2014	5	20.99	130.47
11/4/2014	6	-15.25	228.68
11/4/2014	7	19.24	102.15
11/4/2014	8	19.43	391.53
11/4/2014	9	232.12	202.51
11/4/2014	10	24.48	381.99
11/4/2014	11	29.16	100.13
11/4/2014	12	27.36	-19.79
11/4/2014	13	27.48	-20.44
11/4/2014	14	28.89	-18.82
11/4/2014	15	25.64	-21.02
11/4/2014	16	22.73	3.21
11/4/2014	17	20.94	24.62
11/4/2014	18	22.38	26.98
11/4/2014	19	25.46	27.36
11/4/2014	20	24.59	-16.45

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/4/2014	21	20.36	147.97
11/4/2014	22	22.51	-21.23
11/4/2014	23	21.65	-35.14
11/4/2014	24	0.96	-65.21
11/5/2014	1	84.21	-23.49
11/5/2014	2	23.11	-14.20
11/5/2014	3	100.78	26.35
11/5/2014	4	409.50	153.28
11/5/2014	5	1004.72	-9.77
11/5/2014	6	23.83	838.53
11/5/2014	7	22.15	376.83
11/5/2014	8	118.41	374.78
11/5/2014	9	347.21	33.88
11/5/2014	10	26.56	27.44
11/5/2014	11	24.76	36.75
11/5/2014	12	25.21	36.51
11/5/2014	13	25.31	37.76
11/5/2014	14	21.11	36.16
11/5/2014	15	26.75	36.97
11/5/2014	16	25.02	38.03
11/5/2014	17	25.37	196.42
11/5/2014	18	25.11	488.11
11/5/2014	19	33.70	608.48
11/5/2014	20	33.44	480.84
11/5/2014	21	90.76	407.19
11/5/2014	22	118.59	357.70
11/5/2014	23	1005.55	305.92
11/5/2014	24	861.80	-12.17
11/6/2014	1	226.92	34.67
11/6/2014	2	326.66	29.31
11/6/2014	3	32.53	105.63
11/6/2014	4	228.79	37.34
11/6/2014	5	831.79	30.03
11/6/2014	6	322.04	309.15
11/6/2014	7	876.15	36.91
11/6/2014	8	742.30	-15.34
11/6/2014	9	368.10	45.51
11/6/2014	10	33.24	30.64
11/6/2014	11	28.44	30.36
11/6/2014	12	28.14	162.33
11/6/2014	13	28.19	171.53
11/6/2014	14	27.68	34.25
11/6/2014	15	33.52	50.39
11/6/2014	16	28.24	42.25
11/6/2014	17	35.72	38.73
11/6/2014	18	32.99	38.02

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/6/2014	19	28.15	36.69
11/6/2014	20	33.93	36.20
11/6/2014	21	346.21	33.82
11/6/2014	22	90.86	32.27
11/6/2014	23	908.81	21.18
11/6/2014	24	31.29	29.69
11/7/2014	1	365.08	36.30
11/7/2014	2	31.78	18.88
11/7/2014	3	26.23	25.62
11/7/2014	4	19.96	-19.87
11/7/2014	5	25.69	-20.15
11/7/2014	6	19.00	-14.20
11/7/2014	7	-0.50	36.34
11/7/2014	8	18.23	44.13
11/7/2014	9	28.38	31.33
11/7/2014	10	67.19	34.41
11/7/2014	11	31.69	37.64
11/7/2014	12	-16.52	-18.15
11/7/2014	13	32.69	43.52
11/7/2014	14	381.81	41.12
11/7/2014	15	30.25	40.18
11/7/2014	16	28.08	36.54
11/7/2014	17	29.69	37.46
11/7/2014	18	27.71	35.13
11/7/2014	19	25.49	35.60
11/7/2014	20	28.18	29.41
11/7/2014	21	30.87	37.10
11/7/2014	22	26.86	37.39
11/7/2014	23	22.02	22.90
11/7/2014	24	25.81	32.32
11/8/2014	1	33.19	34.97
11/8/2014	2	977.33	37.75
11/8/2014	3	290.97	34.33
11/8/2014	4	34.10	35.27
11/8/2014	5	28.00	31.73
11/8/2014	6	288.68	36.28
11/8/2014	7	33.51	35.12
11/8/2014	8	263.25	23.25
11/8/2014	9	22.91	32.76
11/8/2014	10	23.55	33.67
11/8/2014	11	28.47	34.32
11/8/2014	12	29.02	31.81
11/8/2014	13	27.67	34.26
11/8/2014	14	27.85	33.66
11/8/2014	15	26.32	34.01
11/8/2014	16	24.97	34.55

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/8/2014	17	23.78	35.81
11/8/2014	18	23.39	34.45
11/8/2014	19	26.45	36.24
11/8/2014	20	26.50	38.89
11/8/2014	21	26.38	40.18
11/8/2014	22	27.38	31.77
11/8/2014	23	18.66	-19.34
11/8/2014	24	22.33	-7.87
11/9/2014	1	171.42	10.67
11/9/2014	2	104.88	-15.43
11/9/2014	3	46.13	29.30
11/9/2014	4	25.84	26.34
11/9/2014	5	22.33	-6.76
11/9/2014	6	27.27	28.31
11/9/2014	7	286.24	31.48
11/9/2014	8	22.95	30.79
11/9/2014	9	26.43	-13.18
11/9/2014	10	30.75	-36.65
11/9/2014	11	30.80	-22.98
11/9/2014	12	28.71	27.30
11/9/2014	13	28.69	28.62
11/9/2014	14	28.96	-12.47
11/9/2014	15	29.67	34.64
11/9/2014	16	27.96	35.05
11/9/2014	17	31.57	35.19
11/9/2014	18	35.07	37.45
11/9/2014	19	39.98	41.01
11/9/2014	20	29.10	36.01
11/9/2014	21	28.35	-15.19
11/9/2014	22	27.31	-41.74
11/9/2014	23	25.24	-65.67
11/9/2014	24	19.50	-27.98
11/10/2014	1	27.59	-11.79
11/10/2014	2	30.49	36.37
11/10/2014	3	35.56	37.19
11/10/2014	4	22.66	-23.39
11/10/2014	5	19.75	21.19
11/10/2014	6	25.32	26.86
11/10/2014	7	782.87	40.78
11/10/2014	8	861.26	50.09
11/10/2014	9	29.02	-51.34
11/10/2014	10	282.41	-13.99
11/10/2014	11	500.02	-14.81
11/10/2014	12	28.96	-36.96
11/10/2014	13	28.82	-82.73
11/10/2014	14	30.12	-22.08

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/10/2014	15	29.98	-13.48
11/10/2014	16	31.19	-14.11
11/10/2014	17	30.08	36.08
11/10/2014	18	37.32	59.37
11/10/2014	19	308.51	60.26
11/10/2014	20	29.23	55.02
11/10/2014	21	25.86	36.04
11/10/2014	22	25.46	32.82
11/10/2014	23	24.58	25.86
11/10/2014	24	15.66	-69.85
11/11/2014	1	358.59	34.40
11/11/2014	2	71.08	34.57
11/11/2014	3	31.08	32.64
11/11/2014	4	340.28	34.24
11/11/2014	5	18.38	19.66
11/11/2014	6	282.45	23.81
11/11/2014	7	26.69	32.44
11/11/2014	8	29.88	36.12
11/11/2014	9	31.30	36.77
11/11/2014	10	32.43	35.13
11/11/2014	11	22.65	28.97
11/11/2014	12	27.06	-15.96
11/11/2014	13	23.40	32.89
11/11/2014	14	30.31	36.15
11/11/2014	15	24.54	39.97
11/11/2014	16	32.24	38.22
11/11/2014	17	25.61	37.42
11/11/2014	18	31.34	53.19
11/11/2014	19	33.20	43.76
11/11/2014	20	36.64	19.27
11/11/2014	21	34.71	33.41
11/11/2014	22	33.09	34.69
11/11/2014	23	31.79	14.67
11/11/2014	24	27.07	26.72
11/12/2014	1	285.45	37.54
11/12/2014	2	1016.18	40.73
11/12/2014	3	906.54	-15.54
11/12/2014	4	593.20	-23.72
11/12/2014	5	598.91	-4.15
11/12/2014	6	161.31	4.28
11/12/2014	7	36.26	37.20
11/12/2014	8	35.75	38.20
11/12/2014	9	288.66	285.70
11/12/2014	10	542.90	43.63
11/12/2014	11	608.80	46.14
11/12/2014	12	110.08	48.75

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/12/2014	13	350.85	40.57
11/12/2014	14	107.75	42.97
11/12/2014	15	35.07	40.96
11/12/2014	16	34.65	45.86
11/12/2014	17	31.98	38.97
11/12/2014	18	32.14	43.74
11/12/2014	19	31.69	47.00
11/12/2014	20	28.52	44.40
11/12/2014	21	32.08	42.28
11/12/2014	22	28.42	38.60
11/12/2014	23	31.25	38.07
11/12/2014	24	23.65	35.89
11/13/2014	1	29.50	36.73
11/13/2014	2	28.70	29.38
11/13/2014	3	272.19	29.76
11/13/2014	4	19.24	33.17
11/13/2014	5	18.70	23.43
11/13/2014	6	18.50	30.41
11/13/2014	7	23.37	41.08
11/13/2014	8	557.54	59.57
11/13/2014	9	39.63	48.82
11/13/2014	10	39.41	43.71
11/13/2014	11	38.13	41.53
11/13/2014	12	36.77	42.97
11/13/2014	13	-83.13	-82.49
11/13/2014	14	39.59	44.43
11/13/2014	15	41.05	43.70
11/13/2014	16	39.23	44.35
11/13/2014	17	31.93	41.96
11/13/2014	18	31.78	48.17
11/13/2014	19	24.86	44.65
11/13/2014	20	32.07	49.12
11/13/2014	21	40.47	52.98
11/13/2014	22	31.10	50.93
11/13/2014	23	25.16	39.84
11/13/2014	24	21.74	36.13
11/14/2014	1	27.96	33.35
11/14/2014	2	24.68	33.05
11/14/2014	3	30.75	32.78
11/14/2014	4	30.81	32.69
11/14/2014	5	21.65	26.43
11/14/2014	6	16.66	36.94
11/14/2014	7	17.94	38.52
11/14/2014	8	31.34	40.44
11/14/2014	9	32.29	39.71
11/14/2014	10	32.53	37.30

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/14/2014	11	32.36	35.47
11/14/2014	12	32.26	34.64
11/14/2014	13	32.20	34.81
11/14/2014	14	25.22	34.12
11/14/2014	15	32.08	34.54
11/14/2014	16	17.43	38.63
11/14/2014	17	16.80	21.36
11/14/2014	18	31.54	42.34
11/14/2014	19	31.45	44.67
11/14/2014	20	32.34	48.01
11/14/2014	21	29.66	35.73
11/14/2014	22	23.22	24.47
11/14/2014	23	19.32	5.52
11/14/2014	24	31.12	32.56
11/15/2014	1	34.49	36.54
11/15/2014	2	30.96	14.67
11/15/2014	3	30.45	14.56
11/15/2014	4	30.29	-15.64
11/15/2014	5	25.95	-14.85
11/15/2014	6	24.15	18.87
11/15/2014	7	34.00	35.87
11/15/2014	8	37.19	40.94
11/15/2014	9	36.04	39.12
11/15/2014	10	35.04	36.92
11/15/2014	11	32.48	33.37
11/15/2014	12	32.28	22.62
11/15/2014	13	31.39	29.08
11/15/2014	14	31.40	29.35
11/15/2014	15	30.10	29.64
11/15/2014	16	29.22	29.22
11/15/2014	17	31.67	35.62
11/15/2014	18	31.74	38.20
11/15/2014	19	31.45	39.58
11/15/2014	20	31.74	41.07
11/15/2014	21	31.15	38.88
11/15/2014	22	34.58	38.88
11/15/2014	23	30.73	31.15
11/15/2014	24	32.59	32.62
11/16/2014	1	41.32	39.56
11/16/2014	2	31.90	32.84
11/16/2014	3	31.95	33.27
11/16/2014	4	27.96	30.10
11/16/2014	5	28.31	31.84
11/16/2014	6	18.05	31.96
11/16/2014	7	24.09	37.14
11/16/2014	8	33.29	36.68

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/16/2014	9	33.28	37.23
11/16/2014	10	30.75	33.34
11/16/2014	11	33.56	35.00
11/16/2014	12	32.00	34.47
11/16/2014	13	32.11	34.90
11/16/2014	14	31.80	34.30
11/16/2014	15	32.97	35.42
11/16/2014	16	26.80	39.48
11/16/2014	17	31.26	48.62
11/16/2014	18	30.33	42.00
11/16/2014	19	31.18	45.86
11/16/2014	20	39.66	44.15
11/16/2014	21	43.23	45.63
11/16/2014	22	-14.82	41.19
11/16/2014	23	28.30	29.05
11/16/2014	24	28.46	29.04
11/17/2014	1	22.52	-60.31
11/17/2014	2	17.94	19.57
11/17/2014	3	12.53	14.27
11/17/2014	4	29.19	30.16
11/17/2014	5	20.12	4.74
11/17/2014	6	20.17	27.26
11/17/2014	7	27.89	46.15
11/17/2014	8	46.11	57.87
11/17/2014	9	179.31	55.19
11/17/2014	10	40.00	40.87
11/17/2014	11	36.36	39.49
11/17/2014	12	32.88	39.61
11/17/2014	13	36.68	38.19
11/17/2014	14	33.84	40.02
11/17/2014	15	0.36	232.55
11/17/2014	16	28.75	42.30
11/17/2014	17	36.23	42.45
11/17/2014	18	36.99	53.58
11/17/2014	19	33.75	67.54
11/17/2014	20	34.59	48.34
11/17/2014	21	30.84	32.11
11/17/2014	22	21.72	49.99
11/17/2014	23	99.03	37.91
11/17/2014	24	28.79	29.98
11/18/2014	1	34.16	35.21
11/18/2014	2	21.26	21.86
11/18/2014	3	20.31	20.96
11/18/2014	4	22.77	23.58
11/18/2014	5	21.04	13.72
11/18/2014	6	18.70	41.69

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/18/2014	7	27.77	47.11
11/18/2014	8	20.33	65.86
11/18/2014	9	36.22	48.71
11/18/2014	10	35.26	43.05
11/18/2014	11	37.57	40.66
11/18/2014	12	39.90	41.39
11/18/2014	13	23.94	41.49
11/18/2014	14	26.61	49.07
11/18/2014	15	20.21	44.31
11/18/2014	16	33.04	48.67
11/18/2014	17	35.84	42.91
11/18/2014	18	65.52	67.17
11/18/2014	19	62.49	64.73
11/18/2014	20	48.94	57.12
11/18/2014	21	118.48	62.01
11/18/2014	22	29.56	60.41
11/18/2014	23	37.31	40.35
11/18/2014	24	19.31	39.52
11/19/2014	1	29.93	33.32
11/19/2014	2	27.12	40.41
11/19/2014	3	19.39	39.71
11/19/2014	4	257.60	513.20
11/19/2014	5	16.54	36.70
11/19/2014	6	18.14	55.36
11/19/2014	7	13.10	68.17
11/19/2014	8	24.97	66.47
11/19/2014	9	18.72	50.81
11/19/2014	10	29.53	40.99
11/19/2014	11	34.32	45.09
11/19/2014	12	32.94	43.24
11/19/2014	13	35.77	48.96
11/19/2014	14	33.40	46.74
11/19/2014	15	33.09	43.10
11/19/2014	16	36.53	46.65
11/19/2014	17	29.68	98.94
11/19/2014	18	35.47	51.91
11/19/2014	19	31.80	50.65
11/19/2014	20	32.48	52.19
11/19/2014	21	42.55	58.66
11/19/2014	22	25.28	46.30
11/19/2014	23	27.22	39.67
11/19/2014	24	37.99	39.28
11/20/2014	1	36.83	42.03
11/20/2014	2	34.65	40.60
11/20/2014	3	25.28	39.50
11/20/2014	4	22.24	40.39

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/20/2014	5	21.24	43.68
11/20/2014	6	18.02	42.43
11/20/2014	7	30.15	50.35
11/20/2014	8	33.60	43.56
11/20/2014	9	34.60	45.45
11/20/2014	10	34.91	46.57
11/20/2014	11	35.05	44.60
11/20/2014	12	34.37	46.34
11/20/2014	13	34.99	50.01
11/20/2014	14	34.43	45.58
11/20/2014	15	34.56	44.52
11/20/2014	16	33.77	43.31
11/20/2014	17	22.23	40.90
11/20/2014	18	18.57	37.87
11/20/2014	19	30.43	45.53
11/20/2014	20	20.01	44.36
11/20/2014	21	34.06	47.14
11/20/2014	22	32.89	42.39
11/20/2014	23	21.83	42.39
11/20/2014	24	30.50	39.35
11/21/2014	1	35.68	36.20
11/21/2014	2	33.60	33.85
11/21/2014	3	70.85	36.69
11/21/2014	4	33.81	34.16
11/21/2014	5	33.17	30.11
11/21/2014	6	27.60	26.68
11/21/2014	7	29.42	34.93
11/21/2014	8	33.97	37.76
11/21/2014	9	33.93	40.49
11/21/2014	10	33.95	37.40
11/21/2014	11	34.20	35.40
11/21/2014	12	34.17	35.45
11/21/2014	13	34.14	37.13
11/21/2014	14	31.14	36.56
11/21/2014	15	33.97	36.34
11/21/2014	16	33.78	37.61
11/21/2014	17	33.84	36.11
11/21/2014	18	34.49	35.70
11/21/2014	19	35.81	28.25
11/21/2014	20	17.88	8.24
11/21/2014	21	30.68	34.43
11/21/2014	22	26.26	35.62
11/21/2014	23	19.44	16.24
11/21/2014	24	34.43	38.04
11/22/2014	1	38.79	46.11
11/22/2014	2	167.79	36.16

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/22/2014	3	18.75	35.45
11/22/2014	4	19.39	28.21
11/22/2014	5	87.79	35.35
11/22/2014	6	18.36	15.73
11/22/2014	7	22.60	37.79
11/22/2014	8	18.51	46.32
11/22/2014	9	32.10	38.65
11/22/2014	10	31.86	38.34
11/22/2014	11	31.36	49.16
11/22/2014	12	23.79	40.75
11/22/2014	13	19.98	37.20
11/22/2014	14	22.22	37.86
11/22/2014	15	28.57	36.99
11/22/2014	16	100.18	43.62
11/22/2014	17	-39.50	-16.66
11/22/2014	18	30.04	84.62
11/22/2014	19	20.41	27.58
11/22/2014	20	21.26	33.07
11/22/2014	21	16.73	43.93
11/22/2014	22	30.71	7.41
11/22/2014	23	18.29	31.96
11/22/2014	24	28.63	34.96
11/23/2014	1	22.21	8.60
11/23/2014	2	24.64	12.68
11/23/2014	3	24.35	20.37
11/23/2014	4	29.37	30.80
11/23/2014	5	26.64	27.52
11/23/2014	6	31.79	42.05
11/23/2014	7	31.45	11.04
11/23/2014	8	34.29	42.48
11/23/2014	9	43.38	45.10
11/23/2014	10	35.03	38.85
11/23/2014	11	99.67	37.77
11/23/2014	12	102.26	36.57
11/23/2014	13	34.62	36.63
11/23/2014	14	32.18	35.05
11/23/2014	15	32.69	27.22
11/23/2014	16	29.50	38.31
11/23/2014	17	57.93	61.40
11/23/2014	18	30.08	39.72
11/23/2014	19	26.38	30.09
11/23/2014	20	28.15	32.64
11/23/2014	21	39.67	37.29
11/23/2014	22	20.46	20.64
11/23/2014	23	19.12	28.22
11/23/2014	24	19.24	27.88

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/24/2014	1	21.31	30.09
11/24/2014	2	19.41	28.62
11/24/2014	3	19.79	27.71
11/24/2014	4	12.86	15.80
11/24/2014	5	25.32	38.41
11/24/2014	6	21.67	24.59
11/24/2014	7	25.84	29.10
11/24/2014	8	27.71	44.76
11/24/2014	9	32.84	34.13
11/24/2014	10	29.03	36.01
11/24/2014	11	19.24	34.66
11/24/2014	12	23.58	31.11
11/24/2014	13	19.23	30.20
11/24/2014	14	22.65	31.74
11/24/2014	15	21.98	31.23
11/24/2014	16	23.30	36.62
11/24/2014	17	17.21	34.83
11/24/2014	18	24.99	37.55
11/24/2014	19	31.10	36.08
11/24/2014	20	25.86	41.61
11/24/2014	21	24.14	29.69
11/24/2014	22	25.32	25.69
11/24/2014	23	17.18	26.66
11/24/2014	24	25.41	30.18
11/25/2014	1	19.24	9.70
11/25/2014	2	25.43	-43.17
11/25/2014	3	44.81	12.89
11/25/2014	4	20.89	-8.07
11/25/2014	5	20.45	-43.54
11/25/2014	6	17.49	-30.23
11/25/2014	7	27.29	-10.06
11/25/2014	8	21.08	5.88
11/25/2014	9	18.65	4.70
11/25/2014	10	26.31	28.17
11/25/2014	11	19.32	28.12
11/25/2014	12	20.53	34.04
11/25/2014	13	27.64	32.44
11/25/2014	14	22.17	33.77
11/25/2014	15	18.10	27.13
11/25/2014	16	18.20	31.17
11/25/2014	17	26.22	27.29
11/25/2014	18	22.55	23.14
11/25/2014	19	25.00	24.22
11/25/2014	20	28.16	33.01
11/25/2014	21	29.64	31.58
11/25/2014	22	25.13	21.22

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/25/2014	23	22.42	31.50
11/25/2014	24	27.59	9.27
11/26/2014	1	27.17	25.87
11/26/2014	2	24.29	24.18
11/26/2014	3	19.95	4.70
11/26/2014	4	21.32	19.92
11/26/2014	5	19.27	-10.74
11/26/2014	6	18.34	21.48
11/26/2014	7	26.73	23.19
11/26/2014	8	22.96	24.17
11/26/2014	9	28.90	25.65
11/26/2014	10	30.30	23.12
11/26/2014	11	30.61	22.93
11/26/2014	12	31.00	25.31
11/26/2014	13	29.77	27.78
11/26/2014	14	30.54	31.76
11/26/2014	15	31.33	32.69
11/26/2014	16	25.62	26.90
11/26/2014	17	26.73	26.19
11/26/2014	18	42.55	34.00
11/26/2014	19	30.60	22.91
11/26/2014	20	30.47	22.35
11/26/2014	21	31.43	30.17
11/26/2014	22	29.79	32.63
11/26/2014	23	28.28	25.45
11/26/2014	24	32.98	34.15
11/27/2014	1	32.20	11.17
11/27/2014	2	20.48	21.88
11/27/2014	3	23.92	22.60
11/27/2014	4	19.19	20.57
11/27/2014	5	22.35	23.10
11/27/2014	6	24.49	25.81
11/27/2014	7	22.79	29.01
11/27/2014	8	31.14	22.96
11/27/2014	9	27.77	25.05
11/27/2014	10	29.30	30.62
11/27/2014	11	28.21	29.91
11/27/2014	12	26.24	26.93
11/27/2014	13	29.58	34.84
11/27/2014	14	24.61	28.48
11/27/2014	15	20.07	21.96
11/27/2014	16	18.57	20.42
11/27/2014	17	18.35	18.78
11/27/2014	18	18.36	20.89
11/27/2014	19	19.60	18.28
11/27/2014	20	30.32	29.41

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/27/2014	21	29.62	-7.92
11/27/2014	22	19.83	-25.45
11/27/2014	23	17.52	-41.73
11/27/2014	24	29.49	10.31
11/28/2014	1	27.88	28.10
11/28/2014	2	25.08	24.94
11/28/2014	3	18.76	22.30
11/28/2014	4	24.44	21.40
11/28/2014	5	97.93	24.12
11/28/2014	6	28.43	21.66
11/28/2014	7	18.51	15.46
11/28/2014	8	25.13	22.42
11/28/2014	9	30.90	25.47
11/28/2014	10	25.81	25.56
11/28/2014	11	25.42	13.54
11/28/2014	12	22.88	7.10
11/28/2014	13	281.59	23.02
11/28/2014	14	20.08	21.10
11/28/2014	15	19.75	27.60
11/28/2014	16	19.56	32.41
11/28/2014	17	24.36	31.98
11/28/2014	18	26.94	30.78
11/28/2014	19	21.89	24.64
11/28/2014	20	19.17	19.51
11/28/2014	21	26.90	31.74
11/28/2014	22	18.86	-7.99
11/28/2014	23	32.50	36.21
11/28/2014	24	586.19	279.28
11/29/2014	1	35.86	34.51
11/29/2014	2	35.31	35.38
11/29/2014	3	31.40	31.24
11/29/2014	4	32.05	33.06
11/29/2014	5	35.60	37.05
11/29/2014	6	34.14	40.90
11/29/2014	7	31.59	13.08
11/29/2014	8	22.23	-7.48
11/29/2014	9	18.15	19.19
11/29/2014	10	20.61	16.04
11/29/2014	11	26.76	26.33
11/29/2014	12	25.80	24.95
11/29/2014	13	22.61	11.78
11/29/2014	14	26.82	25.14
11/29/2014	15	22.02	23.18
11/29/2014	16	29.29	32.10
11/29/2014	17	31.02	37.03
11/29/2014	18	31.60	37.17

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
11/29/2014	19	32.43	36.30
11/29/2014	20	31.22	32.90
11/29/2014	21	30.46	-4.30
11/29/2014	22	20.67	29.29
11/29/2014	23	20.91	38.08
11/29/2014	24	28.13	28.51
11/30/2014	1	29.71	28.93
11/30/2014	2	30.66	34.78
11/30/2014	3	24.71	23.12
11/30/2014	4	23.56	21.63
11/30/2014	5	29.73	30.87
11/30/2014	6	34.16	36.73
11/30/2014	7	32.00	33.50
11/30/2014	8	98.59	28.03
11/30/2014	9	102.94	42.02
11/30/2014	10	102.21	5.59
11/30/2014	11	36.57	24.29
11/30/2014	12	27.52	31.94
11/30/2014	13	17.41	22.63
11/30/2014	14	17.71	22.17
11/30/2014	15	30.91	34.69
11/30/2014	16	19.37	22.07
11/30/2014	17	27.40	-2.44
11/30/2014	18	29.29	34.85
11/30/2014	19	20.88	34.36
11/30/2014	20	33.05	32.73
11/30/2014	21	99.51	32.99
11/30/2014	22	31.70	31.33
11/30/2014	23	28.99	31.23
11/30/2014	24	22.11	26.64
12/1/2014	1	25.25	26.56
12/1/2014	2	27.30	28.42
12/1/2014	3	26.51	22.48
12/1/2014	4	20.24	33.35
12/1/2014	5	18.83	25.70
12/1/2014	6	19.58	34.53
12/1/2014	7	25.86	34.89
12/1/2014	8	26.80	48.93
12/1/2014	9	19.54	36.80
12/1/2014	10	17.78	31.25
12/1/2014	11	25.58	26.91
12/1/2014	12	19.22	23.57
12/1/2014	13	36.32	47.46
12/1/2014	14	43.40	45.63
12/1/2014	15	44.64	41.25
12/1/2014	16	25.58	29.66

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/1/2014	17	16.24	21.21
12/1/2014	18	17.77	18.03
12/1/2014	19	23.52	37.45
12/1/2014	20	25.26	44.88
12/1/2014	21	29.25	29.30
12/1/2014	22	31.71	31.73
12/1/2014	23	36.52	39.04
12/1/2014	24	59.53	59.73
12/2/2014	1	28.56	30.04
12/2/2014	2	28.68	32.06
12/2/2014	3	28.74	30.75
12/2/2014	4	21.88	23.27
12/2/2014	5	24.88	28.10
12/2/2014	6	30.37	38.86
12/2/2014	7	29.27	35.88
12/2/2014	8	19.74	19.55
12/2/2014	9	30.02	36.51
12/2/2014	10	30.10	34.35
12/2/2014	11	34.43	39.04
12/2/2014	12	32.20	39.84
12/2/2014	13	49.95	43.26
12/2/2014	14	40.83	41.10
12/2/2014	15	49.25	43.61
12/2/2014	16	45.45	30.89
12/2/2014	17	34.28	38.26
12/2/2014	18	30.61	38.40
12/2/2014	19	40.39	41.03
12/2/2014	20	41.08	41.07
12/2/2014	21	43.14	43.98
12/2/2014	22	38.00	39.82
12/2/2014	23	22.10	32.36
12/2/2014	24	33.90	25.69
12/3/2014	1	20.95	21.91
12/3/2014	2	22.17	30.81
12/3/2014	3	21.95	32.09
12/3/2014	4	24.98	31.28
12/3/2014	5	27.34	28.82
12/3/2014	6	22.71	23.88
12/3/2014	7	25.15	34.94
12/3/2014	8	27.52	32.60
12/3/2014	9	44.50	41.15
12/3/2014	10	46.75	42.96
12/3/2014	11	39.02	45.46
12/3/2014	12	51.49	38.45
12/3/2014	13	41.95	38.47
12/3/2014	14	46.77	40.73

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/3/2014	15	35.08	39.22
12/3/2014	16	30.62	43.87
12/3/2014	17	-15.02	28.26
12/3/2014	18	39.68	40.34
12/3/2014	19	24.22	41.26
12/3/2014	20	39.59	63.60
12/3/2014	21	31.78	38.30
12/3/2014	22	45.86	21.21
12/3/2014	23	39.31	35.77
12/3/2014	24	36.88	32.10
12/4/2014	1	22.63	23.57
12/4/2014	2	23.47	24.45
12/4/2014	3	21.08	22.01
12/4/2014	4	21.44	22.45
12/4/2014	5	20.12	22.90
12/4/2014	6	5.12	25.35
12/4/2014	7	31.76	34.53
12/4/2014	8	28.42	34.49
12/4/2014	9	28.28	34.53
12/4/2014	10	32.71	34.33
12/4/2014	11	30.60	31.71
12/4/2014	12	29.80	31.93
12/4/2014	13	28.75	29.65
12/4/2014	14	30.55	32.01
12/4/2014	15	28.80	30.61
12/4/2014	16	27.20	27.45
12/4/2014	17	22.43	25.10
12/4/2014	18	23.18	33.22
12/4/2014	19	27.87	34.74
12/4/2014	20	25.47	33.99
12/4/2014	21	36.23	30.95
12/4/2014	22	33.58	35.75
12/4/2014	23	23.86	26.98
12/4/2014	24	20.27	23.41
12/5/2014	1	24.57	30.16
12/5/2014	2	21.20	22.74
12/5/2014	3	21.25	23.22
12/5/2014	4	22.70	30.69
12/5/2014	5	21.36	29.21
12/5/2014	6	20.88	27.14
12/5/2014	7	23.21	53.03
12/5/2014	8	20.17	57.75
12/5/2014	9	23.16	46.08
12/5/2014	10	21.81	31.22
12/5/2014	11	24.51	30.96
12/5/2014	12	22.22	29.00

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/5/2014	13	25.19	30.73
12/5/2014	14	24.13	33.79
12/5/2014	15	23.93	31.27
12/5/2014	16	22.58	31.37
12/5/2014	17	22.63	33.62
12/5/2014	18	26.99	57.00
12/5/2014	19	30.94	44.82
12/5/2014	20	26.97	46.47
12/5/2014	21	26.80	38.58
12/5/2014	22	28.39	45.80
12/5/2014	23	29.08	29.98
12/5/2014	24	29.26	29.84
12/6/2014	1	30.58	33.78
12/6/2014	2	27.10	28.15
12/6/2014	3	26.23	27.12
12/6/2014	4	26.86	27.67
12/6/2014	5	30.13	30.83
12/6/2014	6	29.58	30.48
12/6/2014	7	24.39	30.92
12/6/2014	8	27.37	37.37
12/6/2014	9	25.25	28.48
12/6/2014	10	25.12	27.67
12/6/2014	11	24.04	29.31
12/6/2014	12	25.39	26.79
12/6/2014	13	24.54	26.29
12/6/2014	14	25.60	29.70
12/6/2014	15	21.02	29.30
12/6/2014	16	24.31	28.93
12/6/2014	17	24.49	32.23
12/6/2014	18	37.63	30.02
12/6/2014	19	24.81	44.59
12/6/2014	20	39.32	46.15
12/6/2014	21	30.91	42.05
12/6/2014	22	28.24	36.96
12/6/2014	23	25.98	30.86
12/6/2014	24	24.24	25.12
12/7/2014	1	24.63	30.38
12/7/2014	2	31.00	29.90
12/7/2014	3	27.83	28.53
12/7/2014	4	26.75	27.81
12/7/2014	5	22.72	25.81
12/7/2014	6	20.28	26.50
12/7/2014	7	25.25	29.97
12/7/2014	8	25.86	28.12
12/7/2014	9	31.64	36.16
12/7/2014	10	25.29	35.75

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/7/2014	11	25.21	29.86
12/7/2014	12	24.72	28.66
12/7/2014	13	21.12	30.23
12/7/2014	14	30.98	34.89
12/7/2014	15	24.83	48.98
12/7/2014	16	15.32	43.87
12/7/2014	17	20.58	65.31
12/7/2014	18	37.05	63.08
12/7/2014	19	42.99	48.83
12/7/2014	20	24.72	46.49
12/7/2014	21	98.86	115.63
12/7/2014	22	27.53	40.44
12/7/2014	23	20.44	24.87
12/7/2014	24	22.58	27.97
12/8/2014	1	21.81	30.72
12/8/2014	2	20.99	22.50
12/8/2014	3	20.15	23.62
12/8/2014	4	20.83	21.90
12/8/2014	5	17.34	51.14
12/8/2014	6	21.84	23.93
12/8/2014	7	25.17	55.26
12/8/2014	8	28.67	47.92
12/8/2014	9	22.21	50.28
12/8/2014	10	21.98	36.53
12/8/2014	11	19.26	37.29
12/8/2014	12	20.43	30.98
12/8/2014	13	20.18	31.00
12/8/2014	14	20.79	30.81
12/8/2014	15	20.87	36.64
12/8/2014	16	19.83	36.84
12/8/2014	17	23.15	48.75
12/8/2014	18	50.78	52.07
12/8/2014	19	27.70	48.01
12/8/2014	20	31.54	41.64
12/8/2014	21	27.48	51.40
12/8/2014	22	-1.46	1.18
12/8/2014	23	4.29	5.43
12/8/2014	24	20.35	8.61
12/9/2014	1	22.91	23.43
12/9/2014	2	23.31	23.74
12/9/2014	3	22.60	-6.80
12/9/2014	4	22.04	28.55
12/9/2014	5	25.03	25.42
12/9/2014	6	25.47	26.13
12/9/2014	7	25.54	23.90
12/9/2014	8	26.11	31.00

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/9/2014	9	26.30	36.12
12/9/2014	10	24.40	18.04
12/9/2014	11	21.25	32.37
12/9/2014	12	20.26	15.12
12/9/2014	13	17.70	-6.02
12/9/2014	14	17.71	32.74
12/9/2014	15	19.46	27.96
12/9/2014	16	20.28	23.43
12/9/2014	17	21.80	28.66
12/9/2014	18	22.46	27.90
12/9/2014	19	23.55	23.32
12/9/2014	20	26.72	37.23
12/9/2014	21	29.21	35.13
12/9/2014	22	23.17	29.32
12/9/2014	23	20.31	21.43
12/9/2014	24	20.64	27.66
12/10/2014	1	21.84	24.65
12/10/2014	2	18.72	-8.81
12/10/2014	3	23.66	26.38
12/10/2014	4	23.37	26.65
12/10/2014	5	22.64	23.68
12/10/2014	6	24.90	27.56
12/10/2014	7	24.50	24.37
12/10/2014	8	25.60	36.02
12/10/2014	9	21.50	25.63
12/10/2014	10	24.77	26.86
12/10/2014	11	25.48	27.45
12/10/2014	12	24.66	29.73
12/10/2014	13	21.65	31.10
12/10/2014	14	26.93	29.54
12/10/2014	15	26.81	29.30
12/10/2014	16	25.60	31.01
12/10/2014	17	26.33	31.26
12/10/2014	18	26.79	36.73
12/10/2014	19	27.06	33.46
12/10/2014	20	26.76	33.06
12/10/2014	21	30.62	30.97
12/10/2014	22	25.38	30.85
12/10/2014	23	20.65	28.52
12/10/2014	24	24.92	28.79
12/11/2014	1	26.10	29.51
12/11/2014	2	25.12	28.34
12/11/2014	3	28.10	28.79
12/11/2014	4	31.33	31.61
12/11/2014	5	26.92	26.86
12/11/2014	6	26.20	27.36

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/11/2014	7	27.05	28.09
12/11/2014	8	26.92	27.31
12/11/2014	9	26.74	30.13
12/11/2014	10	26.62	27.16
12/11/2014	11	26.49	27.09
12/11/2014	12	23.75	25.59
12/11/2014	13	26.67	36.97
12/11/2014	14	27.40	29.28
12/11/2014	15	71.17	39.33
12/11/2014	16	26.71	30.14
12/11/2014	17	26.19	31.78
12/11/2014	18	26.19	35.98
12/11/2014	19	31.98	37.91
12/11/2014	20	36.50	28.62
12/11/2014	21	29.66	29.97
12/11/2014	22	32.70	33.44
12/11/2014	23	24.35	27.93
12/11/2014	24	32.51	30.47
12/12/2014	1	25.73	23.97
12/12/2014	2	25.26	25.71
12/12/2014	3	24.25	26.56
12/12/2014	4	20.54	26.64
12/12/2014	5	23.32	27.82
12/12/2014	6	23.31	26.58
12/12/2014	7	27.25	27.61
12/12/2014	8	26.94	27.32
12/12/2014	9	29.75	28.36
12/12/2014	10	26.84	31.86
12/12/2014	11	26.32	36.71
12/12/2014	12	24.11	35.58
12/12/2014	13	25.74	41.67
12/12/2014	14	25.85	31.33
12/12/2014	15	26.13	32.27
12/12/2014	16	26.36	30.35
12/12/2014	17	26.41	27.15
12/12/2014	18	25.55	26.42
12/12/2014	19	25.38	26.68
12/12/2014	20	26.02	27.44
12/12/2014	21	29.49	27.01
12/12/2014	22	22.98	25.89
12/12/2014	23	21.14	25.38
12/12/2014	24	25.14	26.01
12/13/2014	1	20.52	25.56
12/13/2014	2	22.25	27.75
12/13/2014	3	20.85	22.81
12/13/2014	4	18.08	22.79

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/13/2014	5	19.74	25.92
12/13/2014	6	24.48	25.43
12/13/2014	7	21.62	26.78
12/13/2014	8	24.36	23.73
12/13/2014	9	28.05	31.96
12/13/2014	10	27.03	31.64
12/13/2014	11	23.97	36.14
12/13/2014	12	28.87	27.54
12/13/2014	13	22.91	27.11
12/13/2014	14	22.51	25.75
12/13/2014	15	18.52	28.01
12/13/2014	16	25.54	25.87
12/13/2014	17	26.36	27.07
12/13/2014	18	20.94	27.13
12/13/2014	19	20.10	30.25
12/13/2014	20	19.36	28.17
12/13/2014	21	19.80	26.21
12/13/2014	22	22.17	29.30
12/13/2014	23	19.88	27.19
12/13/2014	24	25.40	28.30
12/14/2014	1	27.79	28.92
12/14/2014	2	27.96	30.47
12/14/2014	3	25.53	29.72
12/14/2014	4	25.64	27.05
12/14/2014	5	25.56	29.79
12/14/2014	6	24.42	31.93
12/14/2014	7	22.59	36.77
12/14/2014	8	26.77	31.59
12/14/2014	9	26.19	34.07
12/14/2014	10	26.98	31.91
12/14/2014	11	27.87	30.50
12/14/2014	12	26.56	29.09
12/14/2014	13	25.67	27.55
12/14/2014	14	26.59	30.06
12/14/2014	15	30.05	31.92
12/14/2014	16	26.06	28.86
12/14/2014	17	22.78	28.10
12/14/2014	18	24.73	29.88
12/14/2014	19	25.54	28.63
12/14/2014	20	25.78	30.38
12/14/2014	21	33.33	41.57
12/14/2014	22	28.75	32.15
12/14/2014	23	21.04	31.10
12/14/2014	24	32.26	33.84
12/15/2014	1	21.00	28.00
12/15/2014	2	21.71	29.80

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/15/2014	3	22.01	29.91
12/15/2014	4	23.18	28.47
12/15/2014	5	24.20	27.25
12/15/2014	6	22.79	29.18
12/15/2014	7	31.58	30.18
12/15/2014	8	31.83	29.85
12/15/2014	9	28.33	30.29
12/15/2014	10	28.32	31.49
12/15/2014	11	31.65	31.10
12/15/2014	12	26.19	28.94
12/15/2014	13	27.08	29.10
12/15/2014	14	26.42	28.52
12/15/2014	15	25.84	25.79
12/15/2014	16	25.71	27.76
12/15/2014	17	26.47	28.65
12/15/2014	18	22.74	29.52
12/15/2014	19	27.62	28.34
12/15/2014	20	29.37	32.62
12/15/2014	21	27.38	29.46
12/15/2014	22	26.61	28.79
12/15/2014	23	24.55	26.71
12/15/2014	24	31.89	29.31
12/16/2014	1	26.94	27.86
12/16/2014	2	26.57	27.55
12/16/2014	3	26.84	27.59
12/16/2014	4	27.15	29.58
12/16/2014	5	25.14	29.98
12/16/2014	6	27.70	28.62
12/16/2014	7	27.06	27.90
12/16/2014	8	26.80	30.99
12/16/2014	9	28.81	37.59
12/16/2014	10	31.13	45.84
12/16/2014	11	32.41	57.11
12/16/2014	12	31.02	49.07
12/16/2014	13	28.42	42.00
12/16/2014	14	29.23	33.92
12/16/2014	15	31.02	51.57
12/16/2014	16	25.43	34.91
12/16/2014	17	27.51	33.64
12/16/2014	18	24.08	42.51
12/16/2014	19	33.15	41.94
12/16/2014	20	29.03	40.95
12/16/2014	21	31.06	36.44
12/16/2014	22	29.18	43.98
12/16/2014	23	26.21	30.07
12/16/2014	24	27.21	28.81

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/17/2014	1	27.69	28.87
12/17/2014	2	26.92	28.04
12/17/2014	3	26.69	25.97
12/17/2014	4	26.03	26.22
12/17/2014	5	26.43	26.62
12/17/2014	6	23.67	24.61
12/17/2014	7	27.93	30.65
12/17/2014	8	21.80	25.25
12/17/2014	9	23.75	24.73
12/17/2014	10	125.78	129.81
12/17/2014	11	122.05	119.82
12/17/2014	12	118.55	121.78
12/17/2014	13	25.09	29.03
12/17/2014	14	24.58	25.75
12/17/2014	15	26.99	28.78
12/17/2014	16	24.87	31.42
12/17/2014	17	24.41	26.90
12/17/2014	18	28.15	31.35
12/17/2014	19	29.58	39.53
12/17/2014	20	27.18	33.27
12/17/2014	21	27.74	32.48
12/17/2014	22	27.71	30.89
12/17/2014	23	21.07	27.42
12/17/2014	24	23.51	26.43
12/18/2014	1	26.59	27.59
12/18/2014	2	27.07	27.81
12/18/2014	3	25.07	25.68
12/18/2014	4	26.64	26.82
12/18/2014	5	27.49	28.26
12/18/2014	6	28.23	30.05
12/18/2014	7	27.80	29.48
12/18/2014	8	27.37	30.30
12/18/2014	9	28.28	31.12
12/18/2014	10	28.47	30.58
12/18/2014	11	28.36	27.60
12/18/2014	12	25.76	24.57
12/18/2014	13	23.32	23.84
12/18/2014	14	26.49	22.99
12/18/2014	15	26.52	24.30
12/18/2014	16	20.07	23.63
12/18/2014	17	23.16	28.29
12/18/2014	18	27.36	37.14
12/18/2014	19	28.27	38.20
12/18/2014	20	28.75	40.22
12/18/2014	21	28.47	39.26
12/18/2014	22	31.23	37.06

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/18/2014	23	25.18	34.81
12/18/2014	24	27.23	30.07
12/19/2014	1	27.08	31.19
12/19/2014	2	27.16	32.29
12/19/2014	3	26.29	28.34
12/19/2014	4	24.79	28.06
12/19/2014	5	23.88	25.45
12/19/2014	6	32.08	32.92
12/19/2014	7	27.12	28.49
12/19/2014	8	27.68	31.17
12/19/2014	9	30.47	39.82
12/19/2014	10	27.97	33.05
12/19/2014	11	27.53	31.20
12/19/2014	12	27.86	30.82
12/19/2014	13	28.02	31.00
12/19/2014	14	27.86	29.80
12/19/2014	15	27.53	29.23
12/19/2014	16	24.27	28.40
12/19/2014	17	26.41	26.59
12/19/2014	18	26.40	32.39
12/19/2014	19	26.96	29.06
12/19/2014	20	27.40	30.21
12/19/2014	21	26.20	29.71
12/19/2014	22	27.10	29.55
12/19/2014	23	26.33	27.81
12/19/2014	24	19.99	30.49
12/20/2014	1	21.21	27.25
12/20/2014	2	21.91	26.51
12/20/2014	3	20.83	25.98
12/20/2014	4	20.35	27.41
12/20/2014	5	18.47	27.39
12/20/2014	6	22.77	26.70
12/20/2014	7	25.18	28.14
12/20/2014	8	26.34	27.56
12/20/2014	9	25.48	28.44
12/20/2014	10	24.66	28.24
12/20/2014	11	26.54	28.85
12/20/2014	12	25.37	35.10
12/20/2014	13	25.44	28.53
12/20/2014	14	25.53	29.09
12/20/2014	15	25.34	26.49
12/20/2014	16	19.55	27.16
12/20/2014	17	21.85	27.37
12/20/2014	18	24.45	27.48
12/20/2014	19	24.21	26.62
12/20/2014	20	24.37	25.37

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/20/2014	21	23.44	25.29
12/20/2014	22	23.49	24.10
12/20/2014	23	21.71	23.50
12/20/2014	24	17.22	16.98
12/21/2014	1	20.70	23.25
12/21/2014	2	23.99	27.99
12/21/2014	3	16.12	23.09
12/21/2014	4	16.11	22.50
12/21/2014	5	18.06	23.70
12/21/2014	6	19.94	24.32
12/21/2014	7	20.45	-1.07
12/21/2014	8	20.88	22.94
12/21/2014	9	23.06	24.70
12/21/2014	10	21.75	25.07
12/21/2014	11	18.80	22.49
12/21/2014	12	21.43	21.93
12/21/2014	13	23.87	22.56
12/21/2014	14	22.15	24.06
12/21/2014	15	21.01	21.58
12/21/2014	16	21.38	22.29
12/21/2014	17	25.46	22.28
12/21/2014	18	26.46	28.30
12/21/2014	19	23.89	23.56
12/21/2014	20	25.06	27.78
12/21/2014	21	24.59	25.82
12/21/2014	22	24.96	26.02
12/21/2014	23	21.96	12.67
12/21/2014	24	23.33	18.40
12/22/2014	1	25.11	23.21
12/22/2014	2	26.15	22.97
12/22/2014	3	21.33	19.33
12/22/2014	4	26.99	22.03
12/22/2014	5	20.63	21.28
12/22/2014	6	19.80	21.99
12/22/2014	7	19.72	-28.04
12/22/2014	8	22.63	23.64
12/22/2014	9	21.54	-6.19
12/22/2014	10	25.65	10.64
12/22/2014	11	25.54	23.65
12/22/2014	12	26.54	17.73
12/22/2014	13	27.78	23.32
12/22/2014	14	25.55	21.93
12/22/2014	15	21.47	18.31
12/22/2014	16	20.23	17.98
12/22/2014	17	24.76	20.84
12/22/2014	18	29.13	21.92

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/22/2014	19	27.12	26.53
12/22/2014	20	30.72	30.18
12/22/2014	21	22.36	30.75
12/22/2014	22	22.34	0.85
12/22/2014	23	23.27	27.35
12/22/2014	24	24.34	25.60
12/23/2014	1	20.20	22.12
12/23/2014	2	19.94	23.91
12/23/2014	3	20.53	24.02
12/23/2014	4	20.79	21.99
12/23/2014	5	20.83	22.82
12/23/2014	6	20.67	21.19
12/23/2014	7	20.84	21.93
12/23/2014	8	22.31	23.81
12/23/2014	9	22.88	24.06
12/23/2014	10	24.59	26.20
12/23/2014	11	24.54	25.86
12/23/2014	12	23.65	25.15
12/23/2014	13	24.52	24.20
12/23/2014	14	25.06	25.85
12/23/2014	15	12.18	12.81
12/23/2014	16	22.45	24.77
12/23/2014	17	22.12	23.89
12/23/2014	18	20.41	22.24
12/23/2014	19	22.09	28.07
12/23/2014	20	20.79	23.44
12/23/2014	21	18.74	-8.22
12/23/2014	22	18.96	24.23
12/23/2014	23	23.04	23.80
12/23/2014	24	23.34	22.11
12/24/2014	1	19.82	20.16
12/24/2014	2	19.55	-9.89
12/24/2014	3	19.63	20.14
12/24/2014	4	19.93	21.90
12/24/2014	5	20.31	24.87
12/24/2014	6	20.54	23.41
12/24/2014	7	4.76	25.03
12/24/2014	8	22.08	24.34
12/24/2014	9	22.06	23.27
12/24/2014	10	22.47	24.86
12/24/2014	11	23.03	26.96
12/24/2014	12	22.01	27.46
12/24/2014	13	21.81	27.60
12/24/2014	14	20.84	27.19
12/24/2014	15	21.30	26.63
12/24/2014	16	22.17	20.61

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/24/2014	17	21.99	23.88
12/24/2014	18	21.78	28.85
12/24/2014	19	18.34	-11.09
12/24/2014	20	18.98	17.15
12/24/2014	21	20.00	22.59
12/24/2014	22	19.34	20.27
12/24/2014	23	23.08	24.08
12/24/2014	24	19.75	21.05
12/25/2014	1	3.08	4.15
12/25/2014	2	21.29	23.14
12/25/2014	3	20.42	23.40
12/25/2014	4	31.89	32.62
12/25/2014	5	27.33	28.27
12/25/2014	6	21.20	26.95
12/25/2014	7	20.51	26.30
12/25/2014	8	21.44	23.11
12/25/2014	9	22.25	23.75
12/25/2014	10	22.45	23.05
12/25/2014	11	26.18	-26.75
12/25/2014	12	27.81	-27.01
12/25/2014	13	19.80	20.62
12/25/2014	14	22.63	-16.62
12/25/2014	15	21.23	-15.69
12/25/2014	16	20.36	12.11
12/25/2014	17	20.66	20.38
12/25/2014	18	20.99	28.74
12/25/2014	19	22.08	26.87
12/25/2014	20	21.76	24.92
12/25/2014	21	22.85	25.16
12/25/2014	22	22.40	27.95
12/25/2014	23	20.04	22.49
12/25/2014	24	20.80	5.82
12/26/2014	1	21.04	22.14
12/26/2014	2	20.32	22.76
12/26/2014	3	20.66	25.50
12/26/2014	4	20.62	21.75
12/26/2014	5	20.83	24.32
12/26/2014	6	22.75	25.87
12/26/2014	7	24.28	26.44
12/26/2014	8	21.17	26.71
12/26/2014	9	21.46	26.43
12/26/2014	10	21.76	24.30
12/26/2014	11	23.10	23.98
12/26/2014	12	22.23	8.55
12/26/2014	13	23.86	0.16
12/26/2014	14	21.74	-6.90

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/26/2014	15	20.14	14.96
12/26/2014	16	19.97	20.13
12/26/2014	17	20.71	25.43
12/26/2014	18	21.82	27.28
12/26/2014	19	21.66	30.01
12/26/2014	20	22.72	27.50
12/26/2014	21	22.72	27.22
12/26/2014	22	22.45	30.91
12/26/2014	23	22.51	27.37
12/26/2014	24	22.86	10.15
12/27/2014	1	24.42	26.34
12/27/2014	2	25.80	26.53
12/27/2014	3	25.12	25.84
12/27/2014	4	26.68	27.39
12/27/2014	5	24.79	26.55
12/27/2014	6	23.20	26.40
12/27/2014	7	20.98	26.89
12/27/2014	8	20.55	23.49
12/27/2014	9	20.61	22.37
12/27/2014	10	21.17	18.80
12/27/2014	11	22.47	16.53
12/27/2014	12	23.48	24.20
12/27/2014	13	23.31	22.69
12/27/2014	14	24.22	4.42
12/27/2014	15	23.09	16.15
12/27/2014	16	23.27	24.83
12/27/2014	17	22.46	23.43
12/27/2014	18	22.58	23.76
12/27/2014	19	24.01	25.94
12/27/2014	20	23.03	25.33
12/27/2014	21	23.44	25.25
12/27/2014	22	26.41	27.60
12/27/2014	23	26.57	27.21
12/27/2014	24	26.81	26.77
12/28/2014	1	28.05	28.33
12/28/2014	2	26.56	27.68
12/28/2014	3	25.79	26.75
12/28/2014	4	25.00	25.38
12/28/2014	5	25.58	26.16
12/28/2014	6	21.51	23.29
12/28/2014	7	23.62	-6.25
12/28/2014	8	22.19	23.44
12/28/2014	9	22.22	23.99
12/28/2014	10	28.76	26.10
12/28/2014	11	23.95	25.50
12/28/2014	12	26.04	24.49

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/28/2014	13	21.95	22.52
12/28/2014	14	21.26	19.44
12/28/2014	15	23.17	24.07
12/28/2014	16	23.29	26.23
12/28/2014	17	20.47	25.47
12/28/2014	18	22.68	29.43
12/28/2014	19	26.61	34.40
12/28/2014	20	23.17	40.83
12/28/2014	21	28.99	42.85
12/28/2014	22	34.69	36.25
12/28/2014	23	65.88	67.61
12/28/2014	24	30.81	30.32
12/29/2014	1	29.88	26.46
12/29/2014	2	27.07	26.53
12/29/2014	3	25.22	26.10
12/29/2014	4	24.36	25.09
12/29/2014	5	24.04	25.25
12/29/2014	6	23.60	24.71
12/29/2014	7	20.55	27.67
12/29/2014	8	24.26	23.38
12/29/2014	9	22.25	22.12
12/29/2014	10	22.63	22.77
12/29/2014	11	22.74	21.39
12/29/2014	12	26.20	19.30
12/29/2014	13	27.84	19.00
12/29/2014	14	22.51	17.05
12/29/2014	15	25.63	11.85
12/29/2014	16	10.49	-15.31
12/29/2014	17	21.74	21.77
12/29/2014	18	24.80	27.77
12/29/2014	19	45.96	50.46
12/29/2014	20	28.29	54.06
12/29/2014	21	27.75	38.74
12/29/2014	22	27.29	27.58
12/29/2014	23	30.78	44.04
12/29/2014	24	29.22	44.65
12/30/2014	1	30.67	30.84
12/30/2014	2	25.85	26.60
12/30/2014	3	22.92	25.81
12/30/2014	4	20.76	28.80
12/30/2014	5	24.21	31.33
12/30/2014	6	24.54	26.41
12/30/2014	7	28.89	29.79
12/30/2014	8	20.48	33.09
12/30/2014	9	29.99	31.87
12/30/2014	10	29.64	28.77

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
12/30/2014	11	27.08	28.30
12/30/2014	12	28.12	28.19
12/30/2014	13	35.64	27.03
12/30/2014	14	29.29	27.18
12/30/2014	15	25.69	27.03
12/30/2014	16	19.45	25.64
12/30/2014	17	25.37	29.35
12/30/2014	18	27.98	28.69
12/30/2014	19	27.79	28.80
12/30/2014	20	26.96	29.19
12/30/2014	21	20.08	28.10
12/30/2014	22	30.65	31.89
12/30/2014	23	24.17	30.71
12/30/2014	24	24.15	28.07
12/31/2014	1	26.96	28.28
12/31/2014	2	26.74	27.16
12/31/2014	3	28.69	28.77
12/31/2014	4	28.46	29.38
12/31/2014	5	27.26	28.16
12/31/2014	6	28.95	30.22
12/31/2014	7	27.06	26.68
12/31/2014	8	27.97	29.31
12/31/2014	9	35.01	36.64
12/31/2014	10	35.20	35.64
12/31/2014	11	35.86	32.44
12/31/2014	12	35.55	31.13
12/31/2014	13	29.17	28.03
12/31/2014	14	26.70	27.39
12/31/2014	15	20.99	26.44
12/31/2014	16	22.94	24.65
12/31/2014	17	22.35	30.51
12/31/2014	18	20.16	38.21
12/31/2014	19	24.54	36.61
12/31/2014	20	28.38	32.76
12/31/2014	21	28.06	30.86
12/31/2014	22	29.82	34.19
12/31/2014	23	25.01	28.93
12/31/2014	24	32.42	33.61
1/1/2015	1	31.79	35.82
1/1/2015	2	32.50	33.74
1/1/2015	3	38.55	40.14
1/1/2015	4	39.69	41.07
1/1/2015	5	39.64	39.07
1/1/2015	6	29.62	30.97
1/1/2015	7	33.83	38.49
1/1/2015	8	38.70	40.32

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/1/2015	9	31.96	34.02
1/1/2015	10	27.69	29.70
1/1/2015	11	26.15	27.94
1/1/2015	12	31.49	26.80
1/1/2015	13	27.94	28.41
1/1/2015	14	25.88	27.53
1/1/2015	15	24.93	27.33
1/1/2015	16	22.43	27.75
1/1/2015	17	24.45	29.11
1/1/2015	18	30.48	60.79
1/1/2015	19	33.46	53.55
1/1/2015	20	38.85	65.36
1/1/2015	21	31.16	67.15
1/1/2015	22	35.17	38.80
1/1/2015	23	30.01	31.76
1/1/2015	24	33.84	34.99
1/2/2015	1	21.98	27.93
1/2/2015	2	20.23	28.25
1/2/2015	3	26.79	27.87
1/2/2015	4	28.40	29.77
1/2/2015	5	34.03	34.92
1/2/2015	6	32.26	34.22
1/2/2015	7	29.22	29.95
1/2/2015	8	23.08	26.79
1/2/2015	9	36.32	9.79
1/2/2015	10	28.08	29.88
1/2/2015	11	26.02	28.09
1/2/2015	12	27.56	29.29
1/2/2015	13	27.35	28.96
1/2/2015	14	29.29	29.64
1/2/2015	15	25.97	27.38
1/2/2015	16	25.15	27.55
1/2/2015	17	24.25	30.10
1/2/2015	18	27.28	29.61
1/2/2015	19	24.97	25.75
1/2/2015	20	27.02	28.03
1/2/2015	21	27.79	28.52
1/2/2015	22	29.12	28.86
1/2/2015	23	27.04	29.89
1/2/2015	24	24.85	29.39
1/3/2015	1	26.05	28.79
1/3/2015	2	27.35	28.49
1/3/2015	3	30.38	31.90
1/3/2015	4	39.45	42.03
1/3/2015	5	60.29	69.58
1/3/2015	6	20.01	38.65

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/3/2015	7	20.87	28.51
1/3/2015	8	27.75	29.17
1/3/2015	9	24.30	37.02
1/3/2015	10	27.56	30.03
1/3/2015	11	26.76	28.55
1/3/2015	12	25.77	27.80
1/3/2015	13	21.34	25.82
1/3/2015	14	25.61	27.68
1/3/2015	15	26.07	27.24
1/3/2015	16	28.46	29.61
1/3/2015	17	25.95	36.91
1/3/2015	18	30.89	60.33
1/3/2015	19	64.67	68.12
1/3/2015	20	50.36	50.60
1/3/2015	21	51.60	54.01
1/3/2015	22	46.03	45.33
1/3/2015	23	35.86	38.07
1/3/2015	24	79.34	80.79
1/4/2015	1	38.78	39.45
1/4/2015	2	35.29	35.65
1/4/2015	3	31.78	32.08
1/4/2015	4	29.87	30.32
1/4/2015	5	27.96	28.14
1/4/2015	6	28.54	28.49
1/4/2015	7	33.52	33.27
1/4/2015	8	42.25	46.12
1/4/2015	9	27.96	29.40
1/4/2015	10	30.17	32.35
1/4/2015	11	29.35	30.85
1/4/2015	12	27.52	29.38
1/4/2015	13	25.33	26.82
1/4/2015	14	26.10	29.04
1/4/2015	15	27.19	28.09
1/4/2015	16	29.32	30.78
1/4/2015	17	23.84	29.78
1/4/2015	18	41.79	43.33
1/4/2015	19	22.71	29.13
1/4/2015	20	30.64	30.65
1/4/2015	21	26.53	29.06
1/4/2015	22	24.90	27.26
1/4/2015	23	17.17	21.34
1/4/2015	24	19.62	16.97
1/5/2015	1	18.94	-22.28
1/5/2015	2	19.05	-10.34
1/5/2015	3	20.74	22.37
1/5/2015	4	27.63	27.14

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/5/2015	5	20.38	28.28
1/5/2015	6	22.37	27.33
1/5/2015	7	19.88	31.68
1/5/2015	8	22.10	26.11
1/5/2015	9	28.10	33.26
1/5/2015	10	26.40	33.53
1/5/2015	11	26.24	28.33
1/5/2015	12	22.95	25.44
1/5/2015	13	26.91	26.97
1/5/2015	14	25.99	27.04
1/5/2015	15	23.68	24.48
1/5/2015	16	24.38	25.10
1/5/2015	17	25.30	26.15
1/5/2015	18	27.93	33.37
1/5/2015	19	28.01	28.83
1/5/2015	20	26.20	22.54
1/5/2015	21	29.96	30.02
1/5/2015	22	25.77	20.97
1/5/2015	23	26.20	20.80
1/5/2015	24	25.09	27.19
1/6/2015	1	24.59	-8.59
1/6/2015	2	24.24	24.80
1/6/2015	3	24.98	25.30
1/6/2015	4	25.90	25.08
1/6/2015	5	24.61	24.53
1/6/2015	6	24.69	28.80
1/6/2015	7	22.61	-26.02
1/6/2015	8	26.91	22.56
1/6/2015	9	25.19	23.79
1/6/2015	10	22.84	8.44
1/6/2015	11	25.85	27.82
1/6/2015	12	26.22	23.11
1/6/2015	13	25.90	-0.22
1/6/2015	14	26.77	17.80
1/6/2015	15	26.37	20.76
1/6/2015	16	26.20	26.39
1/6/2015	17	24.44	10.85
1/6/2015	18	27.21	29.15
1/6/2015	19	27.09	27.18
1/6/2015	20	26.50	27.03
1/6/2015	21	28.26	28.41
1/6/2015	22	29.40	29.83
1/6/2015	23	25.91	27.36
1/6/2015	24	25.80	26.46
1/7/2015	1	22.41	26.42
1/7/2015	2	22.64	26.16

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/7/2015	3	24.64	26.79
1/7/2015	4	26.06	26.79
1/7/2015	5	23.39	26.45
1/7/2015	6	26.05	26.86
1/7/2015	7	25.75	27.16
1/7/2015	8	30.13	40.58
1/7/2015	9	24.16	28.64
1/7/2015	10	26.73	27.08
1/7/2015	11	21.78	19.38
1/7/2015	12	25.65	26.34
1/7/2015	13	24.07	22.69
1/7/2015	14	21.28	23.05
1/7/2015	15	22.74	24.85
1/7/2015	16	21.44	25.03
1/7/2015	17	20.79	24.63
1/7/2015	18	27.57	29.07
1/7/2015	19	26.04	28.03
1/7/2015	20	27.75	29.47
1/7/2015	21	27.03	28.97
1/7/2015	22	25.91	28.08
1/7/2015	23	25.48	27.17
1/7/2015	24	24.36	25.37
1/8/2015	1	24.29	26.66
1/8/2015	2	24.19	27.04
1/8/2015	3	24.71	25.99
1/8/2015	4	28.73	26.56
1/8/2015	5	28.47	27.52
1/8/2015	6	27.37	27.91
1/8/2015	7	44.06	46.10
1/8/2015	8	45.93	48.66
1/8/2015	9	29.60	31.85
1/8/2015	10	29.47	32.82
1/8/2015	11	27.59	28.03
1/8/2015	12	26.12	27.87
1/8/2015	13	22.46	27.05
1/8/2015	14	21.33	27.03
1/8/2015	15	26.53	27.07
1/8/2015	16	27.17	27.42
1/8/2015	17	28.59	27.81
1/8/2015	18	29.06	28.80
1/8/2015	19	45.94	47.59
1/8/2015	20	36.17	37.66
1/8/2015	21	33.30	34.96
1/8/2015	22	26.69	28.09
1/8/2015	23	20.95	27.72
1/8/2015	24	27.76	27.18

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/9/2015	1	28.47	27.47
1/9/2015	2	26.96	27.18
1/9/2015	3	26.38	26.34
1/9/2015	4	26.25	26.89
1/9/2015	5	26.08	27.03
1/9/2015	6	26.14	27.25
1/9/2015	7	25.01	33.04
1/9/2015	8	26.71	40.00
1/9/2015	9	36.21	39.73
1/9/2015	10	27.25	31.22
1/9/2015	11	28.32	35.55
1/9/2015	12	26.64	37.39
1/9/2015	13	29.30	35.88
1/9/2015	14	30.36	26.60
1/9/2015	15	27.63	21.33
1/9/2015	16	28.66	13.49
1/9/2015	17	27.08	30.57
1/9/2015	18	31.66	37.11
1/9/2015	19	27.38	30.38
1/9/2015	20	34.83	56.02
1/9/2015	21	25.03	28.28
1/9/2015	22	22.44	27.46
1/9/2015	23	19.79	27.28
1/9/2015	24	24.76	26.84
1/10/2015	1	23.99	26.68
1/10/2015	2	25.03	27.15
1/10/2015	3	28.19	25.39
1/10/2015	4	26.86	25.50
1/10/2015	5	28.11	27.88
1/10/2015	6	27.83	28.11
1/10/2015	7	28.24	28.20
1/10/2015	8	29.49	31.99
1/10/2015	9	28.78	29.95
1/10/2015	10	28.90	29.75
1/10/2015	11	29.13	30.77
1/10/2015	12	30.60	42.91
1/10/2015	13	32.40	34.51
1/10/2015	14	26.40	30.65
1/10/2015	15	22.20	30.95
1/10/2015	16	22.00	27.73
1/10/2015	17	24.87	28.03
1/10/2015	18	28.39	29.28
1/10/2015	19	28.09	28.90
1/10/2015	20	27.86	28.12
1/10/2015	21	27.41	28.42
1/10/2015	22	26.41	30.39

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/10/2015	23	23.84	27.41
1/10/2015	24	26.43	27.43
1/11/2015	1	21.63	26.30
1/11/2015	2	26.92	28.80
1/11/2015	3	26.90	27.20
1/11/2015	4	27.02	27.55
1/11/2015	5	27.53	27.83
1/11/2015	6	29.77	29.11
1/11/2015	7	23.26	32.67
1/11/2015	8	22.08	32.45
1/11/2015	9	19.91	39.10
1/11/2015	10	26.96	44.90
1/11/2015	11	28.62	40.28
1/11/2015	12	27.16	40.37
1/11/2015	13	24.68	33.88
1/11/2015	14	23.36	34.14
1/11/2015	15	22.10	28.15
1/11/2015	16	22.46	26.29
1/11/2015	17	25.18	26.87
1/11/2015	18	28.05	28.97
1/11/2015	19	27.92	29.42
1/11/2015	20	24.65	28.57
1/11/2015	21	26.79	28.77
1/11/2015	22	21.80	27.20
1/11/2015	23	22.19	30.12
1/11/2015	24	20.83	25.10
1/12/2015	1	20.02	24.97
1/12/2015	2	20.30	23.30
1/12/2015	3	20.49	23.60
1/12/2015	4	24.91	25.21
1/12/2015	5	27.55	27.89
1/12/2015	6	31.65	32.23
1/12/2015	7	38.34	40.71
1/12/2015	8	32.47	33.58
1/12/2015	9	25.23	24.73
1/12/2015	10	28.38	29.51
1/12/2015	11	28.37	28.38
1/12/2015	12	28.13	29.46
1/12/2015	13	26.95	28.24
1/12/2015	14	25.05	28.17
1/12/2015	15	27.16	28.00
1/12/2015	16	26.66	26.98
1/12/2015	17	35.13	36.22
1/12/2015	18	42.49	50.73
1/12/2015	19	29.86	36.37
1/12/2015	20	24.80	24.82

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/12/2015	21	28.08	27.63
1/12/2015	22	33.07	34.00
1/12/2015	23	24.67	26.72
1/12/2015	24	28.44	28.95
1/13/2015	1	28.20	28.89
1/13/2015	2	31.62	32.00
1/13/2015	3	32.64	32.86
1/13/2015	4	31.06	31.46
1/13/2015	5	35.94	36.46
1/13/2015	6	22.07	25.88
1/13/2015	7	27.08	26.83
1/13/2015	8	28.06	28.36
1/13/2015	9	24.42	25.03
1/13/2015	10	30.65	31.35
1/13/2015	11	32.79	37.24
1/13/2015	12	29.81	32.17
1/13/2015	13	30.02	33.64
1/13/2015	14	29.72	32.80
1/13/2015	15	26.96	30.01
1/13/2015	16	26.45	27.84
1/13/2015	17	26.49	27.95
1/13/2015	18	28.31	29.72
1/13/2015	19	27.83	29.92
1/13/2015	20	29.66	30.20
1/13/2015	21	26.42	30.11
1/13/2015	22	24.04	28.06
1/13/2015	23	25.76	30.22
1/13/2015	24	28.00	28.73
1/14/2015	1	26.56	28.14
1/14/2015	2	20.40	26.41
1/14/2015	3	20.73	27.92
1/14/2015	4	23.11	27.35
1/14/2015	5	32.44	33.80
1/14/2015	6	22.62	28.67
1/14/2015	7	46.55	47.94
1/14/2015	8	49.85	51.27
1/14/2015	9	32.52	35.50
1/14/2015	10	35.83	40.89
1/14/2015	11	30.61	33.88
1/14/2015	12	27.45	30.92
1/14/2015	13	26.37	28.61
1/14/2015	14	27.26	28.42
1/14/2015	15	29.14	24.81
1/14/2015	16	22.91	24.18
1/14/2015	17	26.13	27.47
1/14/2015	18	30.15	31.47

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/14/2015	19	26.52	31.59
1/14/2015	20	27.57	28.65
1/14/2015	21	25.09	41.85
1/14/2015	22	22.04	29.28
1/14/2015	23	21.76	26.68
1/14/2015	24	28.05	17.21
1/15/2015	1	25.99	26.47
1/15/2015	2	26.93	26.98
1/15/2015	3	25.54	28.27
1/15/2015	4	22.60	27.85
1/15/2015	5	21.86	25.51
1/15/2015	6	20.14	24.92
1/15/2015	7	43.90	46.17
1/15/2015	8	47.09	48.36
1/15/2015	9	34.38	35.77
1/15/2015	10	25.47	28.90
1/15/2015	11	26.60	28.36
1/15/2015	12	24.87	27.11
1/15/2015	13	22.42	26.83
1/15/2015	14	25.96	27.45
1/15/2015	15	21.67	23.33
1/15/2015	16	19.98	23.91
1/15/2015	17	20.13	28.86
1/15/2015	18	21.08	28.85
1/15/2015	19	25.09	28.42
1/15/2015	20	25.61	26.86
1/15/2015	21	30.70	32.47
1/15/2015	22	24.73	22.35
1/15/2015	23	22.27	27.75
1/15/2015	24	21.67	23.48
1/16/2015	1	28.19	27.74
1/16/2015	2	25.78	25.99
1/16/2015	3	23.80	24.64
1/16/2015	4	20.18	14.09
1/16/2015	5	24.90	1.98
1/16/2015	6	21.73	-4.83
1/16/2015	7	37.88	38.48
1/16/2015	8	30.88	31.77
1/16/2015	9	33.00	38.77
1/16/2015	10	33.54	28.73
1/16/2015	11	35.39	28.84
1/16/2015	12	28.97	30.34
1/16/2015	13	25.38	21.52
1/16/2015	14	26.18	21.80
1/16/2015	15	22.02	10.23
1/16/2015	16	26.08	28.18

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/16/2015	17	26.27	29.79
1/16/2015	18	33.39	34.99
1/16/2015	19	28.37	31.58
1/16/2015	20	29.06	29.70
1/16/2015	21	34.58	34.30
1/16/2015	22	31.82	27.69
1/16/2015	23	36.71	22.46
1/16/2015	24	36.38	25.14
1/17/2015	1	28.74	29.39
1/17/2015	2	34.57	28.13
1/17/2015	3	28.46	27.06
1/17/2015	4	27.17	26.50
1/17/2015	5	21.20	26.71
1/17/2015	6	24.31	26.50
1/17/2015	7	26.17	28.24
1/17/2015	8	25.39	26.49
1/17/2015	9	24.82	24.99
1/17/2015	10	21.84	26.06
1/17/2015	11	23.90	24.94
1/17/2015	12	24.77	26.52
1/17/2015	13	22.88	27.54
1/17/2015	14	26.25	26.56
1/17/2015	15	24.48	25.75
1/17/2015	16	24.22	25.30
1/17/2015	17	23.82	25.73
1/17/2015	18	25.59	28.72
1/17/2015	19	24.67	26.59
1/17/2015	20	21.17	23.36
1/17/2015	21	24.72	26.06
1/17/2015	22	25.83	25.75
1/17/2015	23	28.42	28.42
1/17/2015	24	25.82	25.82
1/18/2015	1	26.28	26.28
1/18/2015	2	25.70	25.76
1/18/2015	3	26.89	27.39
1/18/2015	4	27.41	30.49
1/18/2015	5	26.01	20.67
1/18/2015	6	20.98	18.18
1/18/2015	7	30.32	27.06
1/18/2015	8	20.47	9.81
1/18/2015	9	29.09	31.98
1/18/2015	10	24.70	19.92
1/18/2015	11	26.17	16.34
1/18/2015	12	21.00	21.89
1/18/2015	13	21.31	19.86
1/18/2015	14	17.56	20.93

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/18/2015	15	19.87	5.33
1/18/2015	16	17.46	9.08
1/18/2015	17	23.45	21.93
1/18/2015	18	25.14	24.23
1/18/2015	19	22.15	18.84
1/18/2015	20	22.58	24.67
1/18/2015	21	20.34	25.60
1/18/2015	22	19.99	17.21
1/18/2015	23	18.53	16.75
1/18/2015	24	20.06	23.19
1/19/2015	1	20.77	22.21
1/19/2015	2	24.18	24.04
1/19/2015	3	23.57	24.03
1/19/2015	4	22.81	22.78
1/19/2015	5	28.25	28.67
1/19/2015	6	25.61	24.08
1/19/2015	7	26.02	27.50
1/19/2015	8	26.75	26.69
1/19/2015	9	21.99	19.05
1/19/2015	10	22.13	23.01
1/19/2015	11	24.48	27.76
1/19/2015	12	20.98	1.68
1/19/2015	13	21.00	-10.34
1/19/2015	14	20.67	7.24
1/19/2015	15	23.78	19.80
1/19/2015	16	19.84	3.58
1/19/2015	17	21.49	22.94
1/19/2015	18	30.98	31.39
1/19/2015	19	30.90	31.00
1/19/2015	20	33.90	34.69
1/19/2015	21	30.82	31.19
1/19/2015	22	30.10	30.61
1/19/2015	23	31.30	31.98
1/19/2015	24	24.14	25.72
1/20/2015	1	27.47	27.67
1/20/2015	2	26.14	26.48
1/20/2015	3	25.57	25.97
1/20/2015	4	25.76	26.16
1/20/2015	5	28.16	29.50
1/20/2015	6	24.11	26.84
1/20/2015	7	27.35	28.03
1/20/2015	8	25.27	31.63
1/20/2015	9	23.85	34.28
1/20/2015	10	26.23	44.00
1/20/2015	11	24.30	29.63
1/20/2015	12	23.13	25.63

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/20/2015	13	22.10	24.77
1/20/2015	14	22.85	24.94
1/20/2015	15	22.10	27.15
1/20/2015	16	23.05	24.86
1/20/2015	17	25.55	26.45
1/20/2015	18	36.59	38.05
1/20/2015	19	27.89	40.96
1/20/2015	20	33.88	34.99
1/20/2015	21	28.91	28.71
1/20/2015	22	37.27	38.67
1/20/2015	23	27.67	28.30
1/20/2015	24	26.40	27.09
1/21/2015	1	29.81	27.45
1/21/2015	2	26.56	27.00
1/21/2015	3	26.85	27.02
1/21/2015	4	27.75	27.02
1/21/2015	5	24.27	9.20
1/21/2015	6	26.61	24.21
1/21/2015	7	35.72	35.66
1/21/2015	8	29.26	31.84
1/21/2015	9	26.94	30.74
1/21/2015	10	25.34	37.16
1/21/2015	11	25.56	37.33
1/21/2015	12	23.85	32.26
1/21/2015	13	24.98	33.18
1/21/2015	14	25.00	32.82
1/21/2015	15	21.14	24.96
1/21/2015	16	19.69	25.39
1/21/2015	17	21.32	27.16
1/21/2015	18	24.86	33.54
1/21/2015	19	26.18	29.24
1/21/2015	20	26.91	27.98
1/21/2015	21	29.82	31.20
1/21/2015	22	22.62	27.72
1/21/2015	23	26.83	25.68
1/21/2015	24	25.68	26.30
1/22/2015	1	21.91	23.64
1/22/2015	2	17.53	15.85
1/22/2015	3	22.39	22.46
1/22/2015	4	21.94	21.98
1/22/2015	5	25.70	22.28
1/22/2015	6	26.08	26.31
1/22/2015	7	25.67	27.15
1/22/2015	8	28.04	29.52
1/22/2015	9	27.28	29.03
1/22/2015	10	26.70	29.93

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/22/2015	11	26.45	28.06
1/22/2015	12	26.70	28.05
1/22/2015	13	22.02	15.02
1/22/2015	14	23.08	4.62
1/22/2015	15	20.84	21.95
1/22/2015	16	22.12	8.74
1/22/2015	17	23.04	24.04
1/22/2015	18	25.71	29.87
1/22/2015	19	22.63	25.05
1/22/2015	20	25.57	27.00
1/22/2015	21	23.18	19.92
1/22/2015	22	20.78	2.62
1/22/2015	23	18.45	-30.30
1/22/2015	24	23.17	22.85
1/23/2015	1	24.53	25.14
1/23/2015	2	23.67	20.40
1/23/2015	3	20.63	22.60
1/23/2015	4	25.34	25.60
1/23/2015	5	23.64	23.29
1/23/2015	6	20.59	23.53
1/23/2015	7	22.10	23.56
1/23/2015	8	25.20	26.14
1/23/2015	9	24.96	26.00
1/23/2015	10	23.58	20.61
1/23/2015	11	25.50	26.41
1/23/2015	12	23.56	11.02
1/23/2015	13	23.12	-18.75
1/23/2015	14	22.44	3.63
1/23/2015	15	25.08	24.13
1/23/2015	16	24.17	25.66
1/23/2015	17	25.14	25.93
1/23/2015	18	27.00	28.08
1/23/2015	19	27.29	28.41
1/23/2015	20	22.00	25.32
1/23/2015	21	20.03	20.71
1/23/2015	22	21.18	-17.98
1/23/2015	23	19.70	21.46
1/23/2015	24	23.28	24.01
1/24/2015	1	23.16	19.27
1/24/2015	2	22.25	22.42
1/24/2015	3	19.70	12.06
1/24/2015	4	20.95	21.11
1/24/2015	5	23.08	23.08
1/24/2015	6	22.86	23.01
1/24/2015	7	22.87	23.02
1/24/2015	8	22.16	2.50

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/24/2015	9	20.27	-51.64
1/24/2015	10	19.63	20.75
1/24/2015	11	20.17	18.46
1/24/2015	12	19.64	16.19
1/24/2015	13	20.02	6.18
1/24/2015	14	19.82	-15.18
1/24/2015	15	19.53	19.41
1/24/2015	16	22.08	19.43
1/24/2015	17	24.16	22.48
1/24/2015	18	25.15	25.61
1/24/2015	19	25.25	24.94
1/24/2015	20	24.95	25.76
1/24/2015	21	30.16	31.21
1/24/2015	22	24.99	26.17
1/24/2015	23	23.90	24.59
1/24/2015	24	22.63	23.80
1/25/2015	1	21.63	21.30
1/25/2015	2	20.77	20.93
1/25/2015	3	19.64	19.90
1/25/2015	4	19.83	20.13
1/25/2015	5	20.08	20.43
1/25/2015	6	20.62	20.99
1/25/2015	7	23.92	26.10
1/25/2015	8	24.60	25.36
1/25/2015	9	23.24	23.05
1/25/2015	10	24.00	22.02
1/25/2015	11	21.71	21.17
1/25/2015	12	20.88	21.58
1/25/2015	13	23.04	16.99
1/25/2015	14	20.15	17.12
1/25/2015	15	22.48	23.51
1/25/2015	16	23.30	23.99
1/25/2015	17	33.81	34.61
1/25/2015	18	24.71	49.54
1/25/2015	19	38.23	39.53
1/25/2015	20	28.74	29.73
1/25/2015	21	36.21	36.76
1/25/2015	22	23.43	24.22
1/25/2015	23	22.75	23.42
1/25/2015	24	21.40	22.91
1/26/2015	1	22.15	23.98
1/26/2015	2	21.63	24.12
1/26/2015	3	20.19	24.01
1/26/2015	4	20.08	22.97
1/26/2015	5	23.73	25.59
1/26/2015	6	20.41	21.13

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/26/2015	7	22.62	23.75
1/26/2015	8	25.26	26.61
1/26/2015	9	22.20	22.77
1/26/2015	10	21.29	22.11
1/26/2015	11	20.11	22.98
1/26/2015	12	21.85	14.41
1/26/2015	13	22.91	15.10
1/26/2015	14	20.68	18.16
1/26/2015	15	20.99	14.88
1/26/2015	16	21.05	19.41
1/26/2015	17	21.07	21.81
1/26/2015	18	27.21	25.31
1/26/2015	19	22.45	28.11
1/26/2015	20	21.51	18.44
1/26/2015	21	22.97	23.01
1/26/2015	22	22.13	22.86
1/26/2015	23	20.37	21.11
1/26/2015	24	22.50	21.89
1/27/2015	1	22.73	22.69
1/27/2015	2	22.12	22.19
1/27/2015	3	19.82	21.87
1/27/2015	4	21.45	21.74
1/27/2015	5	21.96	23.74
1/27/2015	6	22.78	25.32
1/27/2015	7	21.10	23.53
1/27/2015	8	23.84	23.83
1/27/2015	9	23.54	23.24
1/27/2015	10	23.28	24.83
1/27/2015	11	22.13	23.61
1/27/2015	12	20.90	22.84
1/27/2015	13	22.35	24.57
1/27/2015	14	21.26	23.49
1/27/2015	15	20.44	22.37
1/27/2015	16	20.09	21.75
1/27/2015	17	19.67	-9.87
1/27/2015	18	23.93	24.91
1/27/2015	19	23.52	23.26
1/27/2015	20	20.75	24.70
1/27/2015	21	23.78	23.78
1/27/2015	22	20.35	-21.92
1/27/2015	23	24.24	24.34
1/27/2015	24	18.99	19.42
1/28/2015	1	21.88	22.28
1/28/2015	2	21.98	23.71
1/28/2015	3	18.81	21.54
1/28/2015	4	21.81	23.62

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/28/2015	5	21.20	23.77
1/28/2015	6	4.46	22.34
1/28/2015	7	22.20	25.24
1/28/2015	8	25.76	26.88
1/28/2015	9	25.55	27.34
1/28/2015	10	25.09	26.53
1/28/2015	11	23.00	24.64
1/28/2015	12	21.70	24.89
1/28/2015	13	21.91	24.72
1/28/2015	14	22.23	26.92
1/28/2015	15	23.95	26.44
1/28/2015	16	21.83	22.82
1/28/2015	17	22.59	23.51
1/28/2015	18	25.87	26.52
1/28/2015	19	25.27	16.99
1/28/2015	20	25.70	38.91
1/28/2015	21	22.92	24.23
1/28/2015	22	21.22	26.67
1/28/2015	23	20.17	23.38
1/28/2015	24	19.32	25.68
1/29/2015	1	19.71	23.81
1/29/2015	2	23.88	24.06
1/29/2015	3	22.78	22.96
1/29/2015	4	23.34	23.50
1/29/2015	5	22.47	24.85
1/29/2015	6	20.32	23.43
1/29/2015	7	23.40	26.62
1/29/2015	8	25.19	32.80
1/29/2015	9	26.06	27.49
1/29/2015	10	25.49	28.52
1/29/2015	11	26.13	29.23
1/29/2015	12	26.25	28.65
1/29/2015	13	26.52	28.24
1/29/2015	14	25.29	27.12
1/29/2015	15	24.12	26.54
1/29/2015	16	24.59	25.41
1/29/2015	17	24.74	25.20
1/29/2015	18	26.67	28.12
1/29/2015	19	24.27	26.77
1/29/2015	20	23.45	26.02
1/29/2015	21	23.98	25.66
1/29/2015	22	23.06	26.38
1/29/2015	23	24.68	25.69
1/29/2015	24	21.72	23.64
1/30/2015	1	20.53	20.94
1/30/2015	2	22.67	23.27

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
1/30/2015	3	20.34	20.74
1/30/2015	4	20.89	21.85
1/30/2015	5	19.99	23.79
1/30/2015	6	19.53	23.67
1/30/2015	7	21.89	32.91
1/30/2015	8	27.31	34.36
1/30/2015	9	35.97	39.99
1/30/2015	10	35.05	40.01
1/30/2015	11	32.71	35.88
1/30/2015	12	26.47	29.51
1/30/2015	13	24.52	26.68
1/30/2015	14	24.16	29.33
1/30/2015	15	23.33	25.02
1/30/2015	16	23.42	24.85
1/30/2015	17	25.91	26.83
1/30/2015	18	25.98	26.62
1/30/2015	19	26.46	28.20
1/30/2015	20	24.66	26.07
1/30/2015	21	20.96	21.69
1/30/2015	22	20.97	21.64
1/30/2015	23	24.18	24.93
1/30/2015	24	22.86	23.19
1/31/2015	1	22.62	22.82
1/31/2015	2	23.43	-8.70
1/31/2015	3	21.22	21.43
1/31/2015	4	20.96	21.15
1/31/2015	5	22.37	22.59
1/31/2015	6	20.59	21.33
1/31/2015	7	21.95	22.31
1/31/2015	8	23.34	23.87
1/31/2015	9	23.94	24.54
1/31/2015	10	23.79	24.60
1/31/2015	11	24.36	25.61
1/31/2015	12	19.43	17.70
1/31/2015	13	21.17	12.43
1/31/2015	14	17.21	12.65
1/31/2015	15	18.05	15.37
1/31/2015	16	19.46	21.28
1/31/2015	17	20.72	23.08
1/31/2015	18	23.70	28.64
1/31/2015	19	23.28	27.11
1/31/2015	20	20.62	22.19
1/31/2015	21	20.27	23.70
1/31/2015	22	20.65	22.14
1/31/2015	23	19.56	5.68
1/31/2015	24	20.41	-10.68

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/1/2015	1	20.29	23.02
2/1/2015	2	21.15	24.46
2/1/2015	3	19.43	25.91
2/1/2015	4	20.46	26.24
2/1/2015	5	20.11	26.38
2/1/2015	6	20.07	26.29
2/1/2015	7	20.57	24.93
2/1/2015	8	20.66	25.37
2/1/2015	9	22.13	23.52
2/1/2015	10	21.13	26.83
2/1/2015	11	21.80	24.81
2/1/2015	12	21.60	24.32
2/1/2015	13	22.59	27.55
2/1/2015	14	24.07	30.00
2/1/2015	15	22.54	29.77
2/1/2015	16	21.02	27.59
2/1/2015	17	21.46	18.87
2/1/2015	18	19.97	24.11
2/1/2015	19	20.55	26.40
2/1/2015	20	19.52	24.52
2/1/2015	21	28.32	30.57
2/1/2015	22	22.05	26.64
2/1/2015	23	24.95	28.56
2/1/2015	24	19.13	-11.89
2/2/2015	1	21.66	22.37
2/2/2015	2	20.48	22.16
2/2/2015	3	20.42	20.78
2/2/2015	4	20.98	22.30
2/2/2015	5	23.60	25.10
2/2/2015	6	19.66	25.04
2/2/2015	7	21.60	27.85
2/2/2015	8	29.96	33.87
2/2/2015	9	22.05	28.15
2/2/2015	10	23.12	27.96
2/2/2015	11	23.13	29.01
2/2/2015	12	22.63	27.57
2/2/2015	13	23.74	27.55
2/2/2015	14	24.95	29.22
2/2/2015	15	21.78	25.69
2/2/2015	16	22.15	18.01
2/2/2015	17	24.45	22.87
2/2/2015	18	27.25	27.82
2/2/2015	19	28.71	26.04
2/2/2015	20	16.19	26.51
2/2/2015	21	19.87	23.23
2/2/2015	22	19.64	24.98

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/2/2015	23	19.74	24.76
2/2/2015	24	16.45	19.96
2/3/2015	1	21.16	22.04
2/3/2015	2	18.71	19.21
2/3/2015	3	18.13	18.37
2/3/2015	4	18.97	19.79
2/3/2015	5	19.20	24.55
2/3/2015	6	17.80	24.33
2/3/2015	7	27.77	27.88
2/3/2015	8	27.59	28.65
2/3/2015	9	25.56	26.85
2/3/2015	10	23.62	24.57
2/3/2015	11	20.93	21.61
2/3/2015	12	20.36	21.69
2/3/2015	13	21.41	23.16
2/3/2015	14	18.95	21.99
2/3/2015	15	21.74	24.18
2/3/2015	16	20.11	22.93
2/3/2015	17	21.38	24.04
2/3/2015	18	21.62	28.42
2/3/2015	19	52.70	57.30
2/3/2015	20	20.56	26.67
2/3/2015	21	22.29	27.02
2/3/2015	22	24.72	26.08
2/3/2015	23	20.28	26.94
2/3/2015	24	18.61	23.39
2/4/2015	1	21.92	23.02
2/4/2015	2	24.24	23.71
2/4/2015	3	19.70	18.56
2/4/2015	4	19.17	17.50
2/4/2015	5	19.10	18.73
2/4/2015	6	24.40	22.95
2/4/2015	7	23.92	25.56
2/4/2015	8	22.16	19.81
2/4/2015	9	19.89	22.40
2/4/2015	10	19.81	-0.37
2/4/2015	11	18.96	9.45
2/4/2015	12	18.51	10.69
2/4/2015	13	19.60	12.55
2/4/2015	14	19.23	13.43
2/4/2015	15	19.45	15.92
2/4/2015	16	18.88	19.20
2/4/2015	17	20.33	11.93
2/4/2015	18	22.01	30.78
2/4/2015	19	24.67	26.87
2/4/2015	20	19.55	28.30

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/4/2015	21	20.08	20.89
2/4/2015	22	19.28	21.74
2/4/2015	23	18.80	21.78
2/4/2015	24	18.58	24.92
2/5/2015	1	22.65	23.06
2/5/2015	2	23.24	20.35
2/5/2015	3	21.88	22.17
2/5/2015	4	22.35	22.49
2/5/2015	5	19.36	20.25
2/5/2015	6	22.00	24.06
2/5/2015	7	24.20	28.23
2/5/2015	8	26.83	28.42
2/5/2015	9	21.34	25.91
2/5/2015	10	20.95	24.31
2/5/2015	11	24.69	24.91
2/5/2015	12	24.60	25.25
2/5/2015	13	22.59	23.19
2/5/2015	14	23.98	31.70
2/5/2015	15	23.47	25.74
2/5/2015	16	20.90	25.50
2/5/2015	17	20.03	25.01
2/5/2015	18	21.49	26.04
2/5/2015	19	23.90	23.55
2/5/2015	20	21.54	31.70
2/5/2015	21	21.95	24.95
2/5/2015	22	27.43	31.97
2/5/2015	23	22.78	28.70
2/5/2015	24	21.46	25.48
2/6/2015	1	18.97	-18.62
2/6/2015	2	20.31	20.54
2/6/2015	3	23.49	22.20
2/6/2015	4	19.45	17.46
2/6/2015	5	20.02	-9.90
2/6/2015	6	18.97	21.94
2/6/2015	7	20.76	22.87
2/6/2015	8	22.58	23.17
2/6/2015	9	20.13	22.51
2/6/2015	10	21.54	22.12
2/6/2015	11	19.19	20.11
2/6/2015	12	21.43	21.21
2/6/2015	13	19.79	21.29
2/6/2015	14	19.78	17.13
2/6/2015	15	18.71	6.83
2/6/2015	16	16.76	13.09
2/6/2015	17	17.21	-6.82
2/6/2015	18	18.98	-0.05

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/6/2015	19	18.93	11.17
2/6/2015	20	20.40	20.81
2/6/2015	21	22.44	22.76
2/6/2015	22	22.18	20.68
2/6/2015	23	24.46	16.09
2/6/2015	24	17.50	8.21
2/7/2015	1	21.42	21.55
2/7/2015	2	21.78	21.78
2/7/2015	3	20.55	21.45
2/7/2015	4	19.41	19.77
2/7/2015	5	21.06	21.55
2/7/2015	6	18.03	-11.31
2/7/2015	7	20.37	24.03
2/7/2015	8	19.49	18.92
2/7/2015	9	19.35	17.75
2/7/2015	10	20.30	16.80
2/7/2015	11	18.81	-11.54
2/7/2015	12	21.05	22.22
2/7/2015	13	19.67	19.83
2/7/2015	14	17.74	16.83
2/7/2015	15	16.83	-27.64
2/7/2015	16	17.11	-25.62
2/7/2015	17	18.01	-20.20
2/7/2015	18	24.94	17.07
2/7/2015	19	25.20	9.45
2/7/2015	20	22.18	23.42
2/7/2015	21	20.44	23.73
2/7/2015	22	23.00	24.43
2/7/2015	23	22.77	23.30
2/7/2015	24	19.35	10.72
2/8/2015	1	17.97	20.25
2/8/2015	2	20.95	20.29
2/8/2015	3	17.14	14.28
2/8/2015	4	20.54	20.32
2/8/2015	5	19.20	17.50
2/8/2015	6	17.71	19.30
2/8/2015	7	18.45	18.63
2/8/2015	8	19.59	21.17
2/8/2015	9	18.87	18.40
2/8/2015	10	19.83	7.36
2/8/2015	11	18.38	15.45
2/8/2015	12	18.62	8.28
2/8/2015	13	19.57	24.15
2/8/2015	14	20.02	24.61
2/8/2015	15	20.01	24.58
2/8/2015	16	19.84	20.87

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/8/2015	17	19.29	19.68
2/8/2015	18	19.39	21.64
2/8/2015	19	21.62	24.14
2/8/2015	20	20.18	24.92
2/8/2015	21	19.79	25.84
2/8/2015	22	19.73	21.31
2/8/2015	23	20.30	22.69
2/8/2015	24	19.51	20.45
2/9/2015	1	20.03	22.04
2/9/2015	2	19.50	19.64
2/9/2015	3	18.89	11.35
2/9/2015	4	18.29	-16.19
2/9/2015	5	20.70	17.70
2/9/2015	6	21.43	17.14
2/9/2015	7	19.71	22.61
2/9/2015	8	20.86	23.58
2/9/2015	9	20.27	23.44
2/9/2015	10	21.02	22.63
2/9/2015	11	20.18	21.23
2/9/2015	12	21.11	21.83
2/9/2015	13	21.61	22.29
2/9/2015	14	18.83	2.74
2/9/2015	15	21.82	-29.45
2/9/2015	16	18.98	-24.45
2/9/2015	17	16.76	-17.19
2/9/2015	18	18.77	17.09
2/9/2015	19	19.03	3.40
2/9/2015	20	20.75	19.47
2/9/2015	21	18.11	16.94
2/9/2015	22	18.86	-1.53
2/9/2015	23	18.69	12.94
2/9/2015	24	17.98	7.99
2/10/2015	1	17.49	15.72
2/10/2015	2	15.93	14.71
2/10/2015	3	15.39	13.78
2/10/2015	4	18.28	-1.51
2/10/2015	5	39.69	-1.98
2/10/2015	6	28.37	7.86
2/10/2015	7	18.79	17.74
2/10/2015	8	18.40	21.18
2/10/2015	9	18.98	6.44
2/10/2015	10	17.76	11.92
2/10/2015	11	22.43	14.80
2/10/2015	12	18.28	6.01
2/10/2015	13	18.77	16.16
2/10/2015	14	19.58	17.61

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/10/2015	15	19.57	10.80
2/10/2015	16	9.53	8.00
2/10/2015	17	18.18	16.57
2/10/2015	18	18.61	18.20
2/10/2015	19	19.17	18.83
2/10/2015	20	22.22	31.47
2/10/2015	21	19.33	19.76
2/10/2015	22	19.78	19.46
2/10/2015	23	21.85	19.90
2/10/2015	24	22.69	22.91
2/11/2015	1	19.66	18.81
2/11/2015	2	19.71	17.93
2/11/2015	3	19.54	17.09
2/11/2015	4	19.13	17.79
2/11/2015	5	21.81	20.18
2/11/2015	6	19.28	12.09
2/11/2015	7	19.64	21.02
2/11/2015	8	21.98	20.06
2/11/2015	9	21.42	19.95
2/11/2015	10	19.40	19.64
2/11/2015	11	19.35	11.62
2/11/2015	12	20.58	18.88
2/11/2015	13	20.98	18.46
2/11/2015	14	21.03	19.04
2/11/2015	15	20.85	19.24
2/11/2015	16	20.46	18.46
2/11/2015	17	20.57	21.03
2/11/2015	18	20.20	20.00
2/11/2015	19	20.51	20.44
2/11/2015	20	19.99	19.37
2/11/2015	21	19.78	22.99
2/11/2015	22	19.06	18.77
2/11/2015	23	18.82	18.66
2/11/2015	24	18.93	-3.94
2/12/2015	1	20.48	15.63
2/12/2015	2	19.64	16.91
2/12/2015	3	19.27	8.42
2/12/2015	4	19.42	14.60
2/12/2015	5	18.70	18.01
2/12/2015	6	17.96	14.20
2/12/2015	7	20.39	25.10
2/12/2015	8	21.66	0.09
2/12/2015	9	19.75	19.79
2/12/2015	10	20.23	20.60
2/12/2015	11	20.08	19.23
2/12/2015	12	21.72	17.70

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/12/2015	13	18.90	17.56
2/12/2015	14	19.00	17.83
2/12/2015	15	18.15	15.16
2/12/2015	16	10.28	10.64
2/12/2015	17	18.53	17.45
2/12/2015	18	19.60	18.66
2/12/2015	19	22.45	19.56
2/12/2015	20	21.72	21.57
2/12/2015	21	21.26	19.17
2/12/2015	22	19.57	16.98
2/12/2015	23	18.92	16.36
2/12/2015	24	18.73	17.11
2/13/2015	1	19.24	16.60
2/13/2015	2	19.12	6.36
2/13/2015	3	18.89	15.48
2/13/2015	4	18.94	15.76
2/13/2015	5	18.72	12.57
2/13/2015	6	18.68	8.44
2/13/2015	7	18.99	20.50
2/13/2015	8	19.93	18.83
2/13/2015	9	20.34	12.60
2/13/2015	10	20.10	19.35
2/13/2015	11	21.03	18.67
2/13/2015	12	20.82	18.46
2/13/2015	13	20.96	20.44
2/13/2015	14	19.85	17.44
2/13/2015	15	19.10	17.74
2/13/2015	16	19.10	16.74
2/13/2015	17	18.70	17.31
2/13/2015	18	19.57	16.57
2/13/2015	19	19.32	17.89
2/13/2015	20	19.50	17.40
2/13/2015	21	20.41	17.51
2/13/2015	22	18.63	14.52
2/13/2015	23	17.05	17.59
2/13/2015	24	19.24	18.06
2/14/2015	1	20.27	17.41
2/14/2015	2	19.68	17.35
2/14/2015	3	18.48	15.87
2/14/2015	4	18.49	-2.83
2/14/2015	5	19.27	9.86
2/14/2015	6	18.75	10.12
2/14/2015	7	19.15	10.05
2/14/2015	8	18.74	10.30
2/14/2015	9	17.78	12.02
2/14/2015	10	19.03	7.27

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/14/2015	11	17.80	9.48
2/14/2015	12	19.20	15.34
2/14/2015	13	16.99	15.61
2/14/2015	14	18.47	16.14
2/14/2015	15	18.48	13.38
2/14/2015	16	18.52	14.82
2/14/2015	17	18.06	11.30
2/14/2015	18	18.76	15.22
2/14/2015	19	19.25	14.91
2/14/2015	20	14.85	15.25
2/14/2015	21	18.57	15.89
2/14/2015	22	18.57	2.78
2/14/2015	23	17.46	14.71
2/14/2015	24	20.55	15.96
2/15/2015	1	20.02	14.75
2/15/2015	2	18.36	14.55
2/15/2015	3	18.48	15.49
2/15/2015	4	16.01	15.81
2/15/2015	5	16.32	15.50
2/15/2015	6	18.98	19.89
2/15/2015	7	22.42	24.14
2/15/2015	8	58.57	56.08
2/15/2015	9	21.87	22.04
2/15/2015	10	19.63	21.73
2/15/2015	11	19.78	21.08
2/15/2015	12	19.33	19.19
2/15/2015	13	19.04	18.28
2/15/2015	14	18.93	18.33
2/15/2015	15	19.16	18.40
2/15/2015	16	18.71	17.24
2/15/2015	17	19.44	15.46
2/15/2015	18	20.20	20.12
2/15/2015	19	35.38	35.31
2/15/2015	20	21.43	43.86
2/15/2015	21	67.43	73.64
2/15/2015	22	35.01	39.65
2/15/2015	23	28.72	31.21
2/15/2015	24	24.19	20.54
2/16/2015	1	21.02	20.16
2/16/2015	2	19.54	16.20
2/16/2015	3	19.07	7.61
2/16/2015	4	19.32	16.44
2/16/2015	5	32.48	19.70
2/16/2015	6	20.32	19.94
2/16/2015	7	20.60	24.90
2/16/2015	8	21.86	22.23

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/16/2015	9	26.20	21.20
2/16/2015	10	19.35	17.50
2/16/2015	11	19.42	18.52
2/16/2015	12	19.00	18.79
2/16/2015	13	19.62	18.27
2/16/2015	14	19.32	18.38
2/16/2015	15	19.92	14.66
2/16/2015	16	19.61	15.06
2/16/2015	17	20.09	14.82
2/16/2015	18	19.44	14.36
2/16/2015	19	20.20	19.79
2/16/2015	20	19.05	18.26
2/16/2015	21	19.64	18.58
2/16/2015	22	19.06	17.42
2/16/2015	23	19.71	18.65
2/16/2015	24	18.80	16.24
2/17/2015	1	19.30	16.91
2/17/2015	2	19.07	16.89
2/17/2015	3	19.01	16.27
2/17/2015	4	19.18	9.57
2/17/2015	5	19.14	16.48
2/17/2015	6	19.94	17.71
2/17/2015	7	19.54	19.96
2/17/2015	8	21.86	25.91
2/17/2015	9	26.74	27.31
2/17/2015	10	21.81	21.87
2/17/2015	11	20.35	19.95
2/17/2015	12	19.13	19.51
2/17/2015	13	18.85	18.86
2/17/2015	14	18.57	18.44
2/17/2015	15	19.23	18.09
2/17/2015	16	19.67	17.24
2/17/2015	17	19.29	18.05
2/17/2015	18	20.00	9.21
2/17/2015	19	21.74	21.55
2/17/2015	20	21.47	21.56
2/17/2015	21	22.62	22.59
2/17/2015	22	36.11	22.66
2/17/2015	23	19.55	18.88
2/17/2015	24	19.28	18.49
2/18/2015	1	19.37	17.73
2/18/2015	2	18.77	15.64
2/18/2015	3	18.56	15.35
2/18/2015	4	18.66	15.94
2/18/2015	5	31.16	17.90
2/18/2015	6	19.13	17.57

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/18/2015	7	21.72	25.08
2/18/2015	8	28.00	27.10
2/18/2015	9	61.80	26.40
2/18/2015	10	40.79	30.03
2/18/2015	11	21.40	22.43
2/18/2015	12	20.18	22.98
2/18/2015	13	19.93	21.47
2/18/2015	14	18.28	18.39
2/18/2015	15	18.77	18.07
2/18/2015	16	18.69	17.67
2/18/2015	17	18.32	12.86
2/18/2015	18	24.24	3.29
2/18/2015	19	19.29	11.74
2/18/2015	20	18.97	4.30
2/18/2015	21	20.29	16.79
2/18/2015	22	18.54	20.00
2/18/2015	23	20.55	-13.15
2/18/2015	24	19.88	-6.32
2/19/2015	1	19.29	15.95
2/19/2015	2	19.88	16.07
2/19/2015	3	20.71	1.77
2/19/2015	4	19.73	14.76
2/19/2015	5	20.65	15.90
2/19/2015	6	32.31	19.72
2/19/2015	7	52.03	11.35
2/19/2015	8	32.59	24.28
2/19/2015	9	25.07	23.18
2/19/2015	10	24.54	24.20
2/19/2015	11	21.69	21.35
2/19/2015	12	19.64	16.55
2/19/2015	13	16.59	16.43
2/19/2015	14	13.93	16.38
2/19/2015	15	12.35	15.06
2/19/2015	16	-0.86	-7.36
2/19/2015	17	15.18	10.22
2/19/2015	18	21.13	21.24
2/19/2015	19	19.87	19.73
2/19/2015	20	19.88	21.02
2/19/2015	21	20.06	19.50
2/19/2015	22	18.54	10.80
2/19/2015	23	18.77	17.12
2/19/2015	24	18.27	16.03
2/20/2015	1	20.32	2.86
2/20/2015	2	18.75	16.07
2/20/2015	3	19.36	0.42
2/20/2015	4	18.90	1.02

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/20/2015	5	19.48	16.90
2/20/2015	6	20.21	-26.92
2/20/2015	7	18.67	15.60
2/20/2015	8	18.21	17.06
2/20/2015	9	18.61	17.77
2/20/2015	10	19.47	16.73
2/20/2015	11	20.14	15.75
2/20/2015	12	18.92	16.55
2/20/2015	13	19.61	16.57
2/20/2015	14	18.63	-12.89
2/20/2015	15	18.78	-11.91
2/20/2015	16	20.03	14.81
2/20/2015	17	19.72	13.45
2/20/2015	18	21.51	15.96
2/20/2015	19	20.77	17.00
2/20/2015	20	28.59	19.87
2/20/2015	21	24.14	18.72
2/20/2015	22	19.24	16.15
2/20/2015	23	19.04	11.07
2/20/2015	24	19.70	17.16
2/21/2015	1	23.48	6.26
2/21/2015	2	21.42	9.41
2/21/2015	3	19.08	-9.10
2/21/2015	4	19.03	-8.94
2/21/2015	5	20.32	1.71
2/21/2015	6	19.80	17.32
2/21/2015	7	18.99	15.60
2/21/2015	8	19.42	17.31
2/21/2015	9	21.75	19.02
2/21/2015	10	25.17	21.31
2/21/2015	11	22.87	19.66
2/21/2015	12	18.94	20.01
2/21/2015	13	19.22	-20.90
2/21/2015	14	18.97	-42.27
2/21/2015	15	17.64	-42.32
2/21/2015	16	19.05	-6.31
2/21/2015	17	20.97	-19.33
2/21/2015	18	22.88	-10.94
2/21/2015	19	22.26	-11.01
2/21/2015	20	19.23	-22.10
2/21/2015	21	20.20	20.78
2/21/2015	22	20.12	19.33
2/21/2015	23	22.38	21.91
2/21/2015	24	21.00	16.81
2/22/2015	1	18.06	16.33
2/22/2015	2	18.65	15.86

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/22/2015	3	18.85	15.58
2/22/2015	4	18.62	14.96
2/22/2015	5	18.87	-10.61
2/22/2015	6	18.52	-0.11
2/22/2015	7	18.55	9.56
2/22/2015	8	21.26	18.31
2/22/2015	9	22.97	23.74
2/22/2015	10	24.39	25.32
2/22/2015	11	22.85	23.21
2/22/2015	12	22.85	23.24
2/22/2015	13	21.91	17.85
2/22/2015	14	19.08	2.50
2/22/2015	15	18.60	-12.77
2/22/2015	16	17.24	16.76
2/22/2015	17	19.47	17.17
2/22/2015	18	21.71	18.48
2/22/2015	19	22.42	20.46
2/22/2015	20	25.20	23.58
2/22/2015	21	23.07	19.74
2/22/2015	22	38.12	30.41
2/22/2015	23	26.18	22.82
2/22/2015	24	18.80	17.55
2/23/2015	1	20.95	18.00
2/23/2015	2	18.70	17.90
2/23/2015	3	18.75	17.23
2/23/2015	4	17.85	-11.27
2/23/2015	5	18.05	18.32
2/23/2015	6	18.84	19.83
2/23/2015	7	17.82	21.20
2/23/2015	8	23.23	23.95
2/23/2015	9	26.86	27.89
2/23/2015	10	25.55	23.99
2/23/2015	11	22.40	21.73
2/23/2015	12	19.40	20.61
2/23/2015	13	20.03	19.89
2/23/2015	14	20.01	17.83
2/23/2015	15	18.93	17.81
2/23/2015	16	18.73	20.37
2/23/2015	17	17.53	19.20
2/23/2015	18	18.82	18.96
2/23/2015	19	20.01	23.84
2/23/2015	20	21.97	27.95
2/23/2015	21	22.18	28.32
2/23/2015	22	19.02	19.54
2/23/2015	23	23.12	18.08
2/23/2015	24	18.81	18.48

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/24/2015	1	19.18	16.77
2/24/2015	2	19.01	16.92
2/24/2015	3	17.91	2.40
2/24/2015	4	18.44	17.28
2/24/2015	5	17.85	2.94
2/24/2015	6	20.89	20.96
2/24/2015	7	31.10	40.61
2/24/2015	8	35.41	41.33
2/24/2015	9	32.54	38.76
2/24/2015	10	29.64	34.10
2/24/2015	11	21.38	24.51
2/24/2015	12	19.63	18.27
2/24/2015	13	15.85	11.95
2/24/2015	14	14.09	-22.10
2/24/2015	15	13.61	-30.74
2/24/2015	16	16.51	-12.96
2/24/2015	17	19.79	10.38
2/24/2015	18	19.40	7.55
2/24/2015	19	21.14	28.99
2/24/2015	20	24.31	14.27
2/24/2015	21	24.28	18.43
2/24/2015	22	29.16	19.35
2/24/2015	23	26.23	19.18
2/24/2015	24	16.30	-13.79
2/25/2015	1	32.38	19.12
2/25/2015	2	23.91	18.28
2/25/2015	3	21.16	17.66
2/25/2015	4	23.67	17.90
2/25/2015	5	33.44	17.36
2/25/2015	6	25.82	17.82
2/25/2015	7	24.10	21.25
2/25/2015	8	21.95	20.63
2/25/2015	9	19.55	20.56
2/25/2015	10	17.35	14.55
2/25/2015	11	19.69	17.67
2/25/2015	12	18.99	16.22
2/25/2015	13	19.28	18.89
2/25/2015	14	20.57	18.68
2/25/2015	15	19.66	0.65
2/25/2015	16	17.45	1.07
2/25/2015	17	18.76	-5.22
2/25/2015	18	19.50	-4.44
2/25/2015	19	23.17	9.87
2/25/2015	20	28.03	12.47
2/25/2015	21	20.18	9.97
2/25/2015	22	26.91	17.37

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/25/2015	23	19.09	17.18
2/25/2015	24	20.63	17.65
2/26/2015	1	31.17	0.95
2/26/2015	2	36.26	11.22
2/26/2015	3	24.84	-1.63
2/26/2015	4	36.50	11.41
2/26/2015	5	23.58	17.88
2/26/2015	6	18.77	17.54
2/26/2015	7	19.43	18.32
2/26/2015	8	22.34	21.68
2/26/2015	9	30.41	21.48
2/26/2015	10	23.56	20.32
2/26/2015	11	24.77	21.68
2/26/2015	12	22.47	22.66
2/26/2015	13	19.20	20.06
2/26/2015	14	24.53	20.37
2/26/2015	15	19.05	19.06
2/26/2015	16	18.77	19.43
2/26/2015	17	17.83	18.22
2/26/2015	18	21.59	20.35
2/26/2015	19	21.89	23.16
2/26/2015	20	30.90	12.73
2/26/2015	21	41.35	41.95
2/26/2015	22	31.76	33.18
2/26/2015	23	21.53	22.44
2/26/2015	24	11.75	12.18
2/27/2015	1	28.09	28.94
2/27/2015	2	37.80	38.77
2/27/2015	3	32.12	32.93
2/27/2015	4	25.58	26.17
2/27/2015	5	0.36	0.38
2/27/2015	6	14.76	15.06
2/27/2015	7	34.03	35.55
2/27/2015	8	24.00	25.63
2/27/2015	9	-13.72	-16.01
2/27/2015	10	-21.37	-23.07
2/27/2015	11	-7.93	-8.50
2/27/2015	12	16.84	17.88
2/27/2015	13	-6.32	-6.67
2/27/2015	14	-10.99	-11.54
2/27/2015	15	8.17	8.55
2/27/2015	16	23.96	25.05
2/27/2015	17	20.09	20.88
2/27/2015	18	34.18	35.09
2/27/2015	19	38.54	39.69
2/27/2015	20	39.55	40.97

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
2/27/2015	21	42.89	44.58
2/27/2015	22	31.78	33.15
2/27/2015	23	451.26	469.16
2/27/2015	24	24.66	24.72
2/28/2015	1	18.57	19.13
2/28/2015	2	29.96	30.73
2/28/2015	3	34.89	35.77
2/28/2015	4	35.14	35.90
2/28/2015	5	41.37	42.24
2/28/2015	6	32.17	32.84
2/28/2015	7	21.05	21.98
2/28/2015	8	14.00	14.96
2/28/2015	9	-4.49	-4.67
2/28/2015	10	0.86	0.86
2/28/2015	11	18.03	19.29
2/28/2015	12	324.53	342.77
2/28/2015	13	24.58	25.94
2/28/2015	14	16.35	17.18
2/28/2015	15	43.36	45.40
2/28/2015	16	51.90	54.17
2/28/2015	17	35.41	36.77
2/28/2015	18	31.67	32.51
2/28/2015	19	39.23	40.40
2/28/2015	20	36.51	37.77
2/28/2015	21	36.28	37.73
2/28/2015	22	36.77	38.41
2/28/2015	23	47.50	49.51
2/28/2015	24	36.91	38.25
3/1/2015	1	27.21	28.02
3/1/2015	2	24.89	25.53
3/1/2015	3	23.92	24.52
3/1/2015	4	24.41	24.97
3/1/2015	5	23.92	24.42
3/1/2015	6	27.88	28.45
3/1/2015	7	25.84	27.02
3/1/2015	8	33.03	35.34
3/1/2015	9	102.30	109.77
3/1/2015	10	73.14	78.52
3/1/2015	11	46.37	49.72
3/1/2015	12	218.64	229.04
3/1/2015	13	223.75	234.54
3/1/2015	14	83.95	87.80
3/1/2015	15	37.10	38.85
3/1/2015	16	43.71	45.71
3/1/2015	17	59.30	61.47
3/1/2015	18	44.48	45.55

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/1/2015	19	53.79	55.43
3/1/2015	20	63.11	65.40
3/1/2015	21	53.42	55.54
3/1/2015	22	39.85	41.63
3/1/2015	23	35.08	36.57
3/1/2015	24	20.45	21.39
3/2/2015	1	32.52	31.32
3/2/2015	2	22.40	23.30
3/2/2015	3	22.45	23.40
3/2/2015	4	21.72	22.44
3/2/2015	5	20.45	21.07
3/2/2015	6	24.86	24.84
3/2/2015	7	24.09	27.47
3/2/2015	8	35.42	35.52
3/2/2015	9	39.19	34.87
3/2/2015	10	30.70	30.03
3/2/2015	11	23.42	21.10
3/2/2015	12	20.29	21.28
3/2/2015	13	23.13	24.53
3/2/2015	14	25.35	27.05
3/2/2015	15	20.32	21.63
3/2/2015	16	18.53	19.53
3/2/2015	17	20.53	6.40
3/2/2015	18	24.38	24.35
3/2/2015	19	25.06	24.48
3/2/2015	20	20.77	24.18
3/2/2015	21	23.62	22.48
3/2/2015	22	19.24	20.59
3/2/2015	23	18.01	19.02
3/2/2015	24	0.68	0.40
3/3/2015	1	18.77	17.42
3/3/2015	2	18.20	18.07
3/3/2015	3	19.23	17.74
3/3/2015	4	19.47	17.71
3/3/2015	5	19.37	17.01
3/3/2015	6	26.38	27.90
3/3/2015	7	22.65	24.56
3/3/2015	8	34.05	38.19
3/3/2015	9	31.64	27.44
3/3/2015	10	27.10	21.92
3/3/2015	11	22.10	20.47
3/3/2015	12	20.25	20.20
3/3/2015	13	20.25	19.30
3/3/2015	14	19.80	14.78
3/3/2015	15	19.40	18.12
3/3/2015	16	19.73	19.09

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/3/2015	17	19.34	19.83
3/3/2015	18	21.30	21.66
3/3/2015	19	22.78	33.31
3/3/2015	20	28.90	36.16
3/3/2015	21	26.21	27.47
3/3/2015	22	21.65	23.32
3/3/2015	23	20.47	26.53
3/3/2015	24	20.03	21.20
3/4/2015	1	17.64	18.75
3/4/2015	2	18.62	17.62
3/4/2015	3	19.47	18.76
3/4/2015	4	19.91	20.39
3/4/2015	5	19.81	20.03
3/4/2015	6	21.79	22.71
3/4/2015	7	24.09	35.35
3/4/2015	8	23.48	24.67
3/4/2015	9	23.52	24.36
3/4/2015	10	22.92	20.98
3/4/2015	11	24.93	16.27
3/4/2015	12	18.52	18.46
3/4/2015	13	18.80	17.52
3/4/2015	14	20.18	19.72
3/4/2015	15	21.85	26.00
3/4/2015	16	19.72	21.20
3/4/2015	17	19.54	20.92
3/4/2015	18	25.79	36.44
3/4/2015	19	19.69	21.27
3/4/2015	20	20.51	22.07
3/4/2015	21	36.29	38.01
3/4/2015	22	20.35	21.59
3/4/2015	23	18.28	19.57
3/4/2015	24	16.30	18.99
3/5/2015	1	19.42	19.40
3/5/2015	2	19.79	19.79
3/5/2015	3	20.67	18.86
3/5/2015	4	20.76	19.39
3/5/2015	5	20.84	22.04
3/5/2015	6	20.04	21.15
3/5/2015	7	21.90	25.50
3/5/2015	8	20.73	27.07
3/5/2015	9	20.09	20.43
3/5/2015	10	24.89	20.49
3/5/2015	11	23.07	21.20
3/5/2015	12	35.91	21.26
3/5/2015	13	22.77	19.54
3/5/2015	14	18.53	19.71

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/5/2015	15	20.40	20.08
3/5/2015	16	19.00	20.38
3/5/2015	17	19.24	21.02
3/5/2015	18	20.11	22.00
3/5/2015	19	45.16	37.81
3/5/2015	20	21.95	22.58
3/5/2015	21	25.73	20.92
3/5/2015	22	33.95	35.80
3/5/2015	23	20.27	21.23
3/5/2015	24	19.04	19.53
3/6/2015	1	22.58	22.33
3/6/2015	2	19.57	18.89
3/6/2015	3	18.76	19.05
3/6/2015	4	19.23	20.05
3/6/2015	5	19.50	20.39
3/6/2015	6	19.31	19.99
3/6/2015	7	20.59	21.75
3/6/2015	8	22.54	24.55
3/6/2015	9	21.32	22.73
3/6/2015	10	22.17	24.65
3/6/2015	11	20.26	21.96
3/6/2015	12	18.66	20.29
3/6/2015	13	19.67	21.74
3/6/2015	14	19.16	22.11
3/6/2015	15	18.82	20.31
3/6/2015	16	18.74	20.95
3/6/2015	17	19.06	20.88
3/6/2015	18	18.42	19.40
3/6/2015	19	19.95	20.83
3/6/2015	20	19.69	20.57
3/6/2015	21	23.06	21.14
3/6/2015	22	25.77	19.67
3/6/2015	23	20.28	20.95
3/6/2015	24	35.32	28.94
3/7/2015	1	25.65	20.83
3/7/2015	2	20.70	21.17
3/7/2015	3	18.93	19.45
3/7/2015	4	22.50	22.98
3/7/2015	5	21.31	21.76
3/7/2015	6	17.72	18.47
3/7/2015	7	18.55	18.72
3/7/2015	8	24.13	19.75
3/7/2015	9	27.60	20.28
3/7/2015	10	26.94	19.66
3/7/2015	11	22.25	20.15
3/7/2015	12	19.44	19.40

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/7/2015	13	18.47	19.58
3/7/2015	14	21.22	22.16
3/7/2015	15	19.55	20.48
3/7/2015	16	20.49	21.51
3/7/2015	17	19.77	20.61
3/7/2015	18	19.48	19.79
3/7/2015	19	19.18	19.29
3/7/2015	20	29.80	11.03
3/7/2015	21	28.61	21.51
3/7/2015	22	28.22	21.17
3/7/2015	23	21.76	22.33
3/7/2015	24	32.54	24.81
3/8/2015	1	20.91	18.82
3/8/2015	2	17.71	18.55
3/8/2015	3	21.58	20.22
3/8/2015	4	20.28	20.37
3/8/2015	5	22.72	18.52
3/8/2015	6	18.00	18.10
3/8/2015	7	19.24	19.79
3/8/2015	8	16.80	18.03
3/8/2015	9	16.27	15.87
3/8/2015	10	18.90	19.16
3/8/2015	11	18.80	18.82
3/8/2015	12	18.53	18.88
3/8/2015	13	18.30	18.82
3/8/2015	14	18.52	18.93
3/8/2015	15	17.60	18.31
3/8/2015	16	18.75	18.75
3/8/2015	17	18.74	19.13
3/8/2015	18	20.86	20.66
3/8/2015	19	22.63	22.76
3/8/2015	20	23.30	22.60
3/8/2015	21	28.89	20.36
3/8/2015	22	24.16	19.63
3/8/2015	23	17.77	18.20
3/8/2015	24		
3/9/2015	1	18.64	18.98
3/9/2015	2	18.33	18.98
3/9/2015	3	17.32	18.49
3/9/2015	4	17.80	17.90
3/9/2015	5	18.70	18.64
3/9/2015	6	20.01	20.45
3/9/2015	7	19.24	19.66
3/9/2015	8	19.48	19.56
3/9/2015	9	19.27	19.01
3/9/2015	10	20.06	19.94

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/9/2015	11	19.91	20.15
3/9/2015	12	18.96	19.36
3/9/2015	13	19.00	18.65
3/9/2015	14	18.28	18.11
3/9/2015	15	18.93	-15.84
3/9/2015	16	18.50	19.11
3/9/2015	17	16.41	16.61
3/9/2015	18	16.19	17.84
3/9/2015	19	17.60	18.58
3/9/2015	20	20.17	19.98
3/9/2015	21	19.10	20.23
3/9/2015	22	22.26	23.89
3/9/2015	23	18.62	19.29
3/9/2015	24	18.96	19.37
3/10/2015	1	18.88	18.85
3/10/2015	2	18.23	18.80
3/10/2015	3	18.55	19.05
3/10/2015	4	18.62	19.25
3/10/2015	5	18.93	19.46
3/10/2015	6	18.12	18.66
3/10/2015	7	18.52	18.85
3/10/2015	8	20.32	20.55
3/10/2015	9	21.19	22.28
3/10/2015	10	25.17	22.86
3/10/2015	11	20.27	23.92
3/10/2015	12	20.92	23.94
3/10/2015	13	23.36	25.99
3/10/2015	14	22.92	25.02
3/10/2015	15	22.20	25.28
3/10/2015	16	21.63	24.80
3/10/2015	17	19.98	21.25
3/10/2015	18	19.70	20.49
3/10/2015	19	21.21	21.79
3/10/2015	20	20.95	21.21
3/10/2015	21	20.25	21.23
3/10/2015	22	19.59	20.77
3/10/2015	23	19.06	20.37
3/10/2015	24	18.19	18.86
3/11/2015	1	19.17	2.71
3/11/2015	2	18.83	18.47
3/11/2015	3	18.42	17.40
3/11/2015	4	18.75	17.56
3/11/2015	5	18.90	17.95
3/11/2015	6	18.42	18.78
3/11/2015	7	19.45	19.69
3/11/2015	8	22.02	23.36

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/11/2015	9	20.63	21.89
3/11/2015	10	21.51	22.81
3/11/2015	11	21.11	21.44
3/11/2015	12	20.15	20.68
3/11/2015	13	20.85	22.32
3/11/2015	14	20.11	21.82
3/11/2015	15	21.68	20.41
3/11/2015	16	20.34	1.75
3/11/2015	17	19.65	18.76
3/11/2015	18	18.76	19.05
3/11/2015	19	19.80	19.86
3/11/2015	20	19.27	19.00
3/11/2015	21	18.71	19.17
3/11/2015	22	19.45	20.12
3/11/2015	23	19.53	20.18
3/11/2015	24	18.72	18.54
3/12/2015	1	18.60	17.99
3/12/2015	2	18.59	14.90
3/12/2015	3	17.90	17.75
3/12/2015	4	-0.52	17.35
3/12/2015	5	17.19	19.18
3/12/2015	6	17.97	19.66
3/12/2015	7	18.32	18.34
3/12/2015	8	19.30	18.96
3/12/2015	9	18.91	18.84
3/12/2015	10	19.34	19.12
3/12/2015	11	19.38	19.30
3/12/2015	12	19.27	18.63
3/12/2015	13	19.41	19.41
3/12/2015	14	19.86	19.24
3/12/2015	15	20.01	19.61
3/12/2015	16	19.93	19.63
3/12/2015	17	19.66	18.68
3/12/2015	18	19.14	19.99
3/12/2015	19	20.38	20.67
3/12/2015	20	21.36	22.96
3/12/2015	21	20.45	21.19
3/12/2015	22	20.29	21.04
3/12/2015	23	21.18	30.00
3/12/2015	24	18.95	17.43
3/13/2015	1	18.92	18.12
3/13/2015	2	19.46	19.04
3/13/2015	3	20.24	20.95
3/13/2015	4	20.45	21.12
3/13/2015	5	20.52	21.08
3/13/2015	6	18.89	18.21

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/13/2015	7	20.22	21.40
3/13/2015	8	24.04	19.63
3/13/2015	9	26.52	26.82
3/13/2015	10	21.21	22.17
3/13/2015	11	19.92	20.82
3/13/2015	12	19.72	20.85
3/13/2015	13	19.35	19.64
3/13/2015	14	22.30	24.55
3/13/2015	15	20.60	22.75
3/13/2015	16	20.97	22.14
3/13/2015	17	20.40	21.11
3/13/2015	18	19.65	21.19
3/13/2015	19	20.49	19.82
3/13/2015	20	25.38	29.28
3/13/2015	21	21.28	22.62
3/13/2015	22	19.94	20.35
3/13/2015	23	18.62	19.06
3/13/2015	24	24.37	25.83
3/14/2015	1	23.15	25.89
3/14/2015	2	21.34	22.36
3/14/2015	3	19.80	20.65
3/14/2015	4	19.86	21.88
3/14/2015	5	20.33	23.57
3/14/2015	6	19.89	21.79
3/14/2015	7	18.45	19.01
3/14/2015	8	18.42	17.74
3/14/2015	9	18.24	19.57
3/14/2015	10	18.94	19.08
3/14/2015	11	19.14	20.16
3/14/2015	12	18.43	19.63
3/14/2015	13	18.54	19.63
3/14/2015	14	18.46	18.85
3/14/2015	15	18.43	19.21
3/14/2015	16	19.26	19.46
3/14/2015	17	18.63	19.44
3/14/2015	18	18.48	18.32
3/14/2015	19	18.98	18.66
3/14/2015	20	18.66	19.31
3/14/2015	21	18.92	19.50
3/14/2015	22	18.69	20.06
3/14/2015	23	20.49	23.73
3/14/2015	24	19.82	24.57
3/15/2015	1	23.78	24.55
3/15/2015	2	25.74	21.09
3/15/2015	3	23.78	18.99
3/15/2015	4	18.90	18.18

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/15/2015	5	18.92	17.84
3/15/2015	6	19.26	18.00
3/15/2015	7	20.69	17.72
3/15/2015	8	18.53	18.21
3/15/2015	9	19.18	18.89
3/15/2015	10	19.50	18.76
3/15/2015	11	19.11	19.50
3/15/2015	12	20.50	25.47
3/15/2015	13	21.17	33.81
3/15/2015	14	20.37	24.37
3/15/2015	15	19.91	20.54
3/15/2015	16	18.41	19.68
3/15/2015	17	18.55	19.58
3/15/2015	18	18.86	18.52
3/15/2015	19	19.04	17.59
3/15/2015	20	18.20	18.42
3/15/2015	21	19.43	18.78
3/15/2015	22	19.57	21.15
3/15/2015	23	19.00	19.65
3/15/2015	24	18.08	18.78
3/16/2015	1	18.79	17.69
3/16/2015	2	18.45	17.52
3/16/2015	3	18.49	17.48
3/16/2015	4	18.40	17.94
3/16/2015	5	18.65	18.48
3/16/2015	6	19.30	18.76
3/16/2015	7	25.24	26.50
3/16/2015	8	20.05	20.67
3/16/2015	9	20.65	21.69
3/16/2015	10	24.88	23.32
3/16/2015	11	26.90	22.23
3/16/2015	12	20.14	21.66
3/16/2015	13	19.95	22.10
3/16/2015	14	29.45	20.98
3/16/2015	15	19.15	19.53
3/16/2015	16	18.88	19.27
3/16/2015	17	18.87	19.05
3/16/2015	18	19.56	20.15
3/16/2015	19	19.62	19.90
3/16/2015	20	20.47	23.94
3/16/2015	21	19.76	20.25
3/16/2015	22	21.77	22.36
3/16/2015	23	22.46	23.28
3/16/2015	24	18.60	19.00
3/17/2015	1	17.86	18.50
3/17/2015	2	21.15	19.15

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/17/2015	3	18.83	18.81
3/17/2015	4	20.01	18.90
3/17/2015	5	20.80	21.63
3/17/2015	6	19.45	19.85
3/17/2015	7	20.03	18.94
3/17/2015	8	19.80	20.47
3/17/2015	9	19.73	21.07
3/17/2015	10	19.41	18.53
3/17/2015	11	23.43	17.80
3/17/2015	12	23.41	19.03
3/17/2015	13	22.50	18.63
3/17/2015	14	20.07	20.98
3/17/2015	15	27.77	22.77
3/17/2015	16	20.53	20.98
3/17/2015	17	9.67	10.18
3/17/2015	18	19.28	19.33
3/17/2015	19	19.05	19.07
3/17/2015	20	19.04	16.12
3/17/2015	21	27.45	20.22
3/17/2015	22	27.06	19.46
3/17/2015	23	29.82	19.06
3/17/2015	24	30.02	18.68
3/18/2015	1	19.69	17.71
3/18/2015	2	18.92	17.88
3/18/2015	3	18.66	17.71
3/18/2015	4	18.46	17.54
3/18/2015	5	18.52	14.35
3/18/2015	6	18.60	19.11
3/18/2015	7	18.69	18.20
3/18/2015	8	26.52	17.14
3/18/2015	9	17.86	18.62
3/18/2015	10	19.62	19.53
3/18/2015	11	20.42	18.69
3/18/2015	12	9.74	9.38
3/18/2015	13	18.41	18.11
3/18/2015	14	19.10	18.87
3/18/2015	15	19.91	21.69
3/18/2015	16	19.68	21.95
3/18/2015	17	20.29	24.11
3/18/2015	18	18.74	21.13
3/18/2015	19	18.98	17.79
3/18/2015	20	20.77	19.99
3/18/2015	21	20.06	21.60
3/18/2015	22	31.24	22.56
3/18/2015	23	27.69	23.62
3/18/2015	24	18.39	18.90

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/19/2015	1	18.52	16.93
3/19/2015	2	18.34	16.81
3/19/2015	3	18.68	17.41
3/19/2015	4	18.38	17.26
3/19/2015	5	18.34	15.25
3/19/2015	6	18.23	2.60
3/19/2015	7	18.54	18.08
3/19/2015	8	20.19	18.72
3/19/2015	9	19.50	19.85
3/19/2015	10	19.41	19.48
3/19/2015	11	18.87	20.25
3/19/2015	12	18.78	19.52
3/19/2015	13	19.33	19.21
3/19/2015	14	16.97	22.79
3/19/2015	15	12.56	14.25
3/19/2015	16	19.16	19.29
3/19/2015	17	18.09	20.91
3/19/2015	18	17.72	18.21
3/19/2015	19	18.25	18.60
3/19/2015	20	18.78	9.56
3/19/2015	21	20.12	21.55
3/19/2015	22	19.57	20.60
3/19/2015	23	17.85	20.29
3/19/2015	24	18.62	16.44
3/20/2015	1	24.36	24.70
3/20/2015	2	18.47	18.67
3/20/2015	3	18.23	18.28
3/20/2015	4	18.18	18.13
3/20/2015	5	18.44	18.28
3/20/2015	6	19.74	20.20
3/20/2015	7	21.71	20.70
3/20/2015	8	22.03	22.48
3/20/2015	9	23.20	24.73
3/20/2015	10	22.46	27.91
3/20/2015	11	21.13	35.24
3/20/2015	12	15.03	30.90
3/20/2015	13	25.10	26.45
3/20/2015	14	24.67	26.23
3/20/2015	15	25.65	27.25
3/20/2015	16	22.22	23.35
3/20/2015	17	23.98	25.14
3/20/2015	18	23.51	23.92
3/20/2015	19	22.40	23.02
3/20/2015	20	21.82	21.83
3/20/2015	21	28.62	20.84
3/20/2015	22	32.27	32.56

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/20/2015	23	19.08	19.47
3/20/2015	24	19.73	19.57
3/21/2015	1	19.40	19.35
3/21/2015	2	18.80	18.70
3/21/2015	3	18.69	18.34
3/21/2015	4	18.57	18.15
3/21/2015	5	18.38	18.09
3/21/2015	6	19.25	17.91
3/21/2015	7	21.48	20.66
3/21/2015	8	19.09	16.52
3/21/2015	9	19.54	18.53
3/21/2015	10	20.10	18.70
3/21/2015	11	19.42	-11.25
3/21/2015	12	19.23	-1.02
3/21/2015	13	19.99	-18.71
3/21/2015	14	20.48	-13.76
3/21/2015	15	19.85	-26.40
3/21/2015	16	20.45	17.17
3/21/2015	17	19.64	21.82
3/21/2015	18	18.63	19.56
3/21/2015	19	19.08	20.44
3/21/2015	20	21.17	28.91
3/21/2015	21	22.86	19.45
3/21/2015	22	19.35	19.63
3/21/2015	23	21.52	21.69
3/21/2015	24	21.20	22.33
3/22/2015	1	20.42	22.32
3/22/2015	2	25.22	26.37
3/22/2015	3	20.41	20.84
3/22/2015	4	19.95	22.04
3/22/2015	5	20.31	21.92
3/22/2015	6	19.56	20.21
3/22/2015	7	19.21	19.44
3/22/2015	8	20.07	19.88
3/22/2015	9	20.57	21.58
3/22/2015	10	24.41	50.57
3/22/2015	11	26.90	85.72
3/22/2015	12	21.58	37.56
3/22/2015	13	20.25	29.93
3/22/2015	14	25.64	92.38
3/22/2015	15	28.61	127.42
3/22/2015	16	20.47	63.22
3/22/2015	17	19.63	25.25
3/22/2015	18	25.41	33.19
3/22/2015	19	21.39	21.91
3/22/2015	20	19.99	18.54

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/22/2015	21	21.92	23.14
3/22/2015	22	29.42	30.38
3/22/2015	23	19.89	20.72
3/22/2015	24	18.75	19.19
3/23/2015	1	19.02	19.39
3/23/2015	2	18.84	19.00
3/23/2015	3	18.52	19.38
3/23/2015	4	19.48	19.19
3/23/2015	5	19.80	21.53
3/23/2015	6	20.50	29.17
3/23/2015	7	22.01	29.10
3/23/2015	8	21.57	37.88
3/23/2015	9	20.84	34.54
3/23/2015	10	38.08	46.18
3/23/2015	11	26.60	41.05
3/23/2015	12	19.82	30.85
3/23/2015	13	18.70	32.40
3/23/2015	14	19.46	21.52
3/23/2015	15	18.69	17.45
3/23/2015	16	20.33	20.24
3/23/2015	17	20.00	21.10
3/23/2015	18	18.74	24.74
3/23/2015	19	19.61	19.95
3/23/2015	20	19.37	19.11
3/23/2015	21	5.29	23.41
3/23/2015	22	19.47	21.01
3/23/2015	23	17.74	22.40
3/23/2015	24	18.50	21.45
3/24/2015	1	19.82	20.19
3/24/2015	2	21.11	19.31
3/24/2015	3	38.38	18.58
3/24/2015	4	21.81	17.97
3/24/2015	5	21.00	18.52
3/24/2015	6	18.49	18.54
3/24/2015	7	31.80	18.28
3/24/2015	8	18.89	18.86
3/24/2015	9	19.16	18.63
3/24/2015	10	17.79	18.50
3/24/2015	11	18.38	14.92
3/24/2015	12	19.19	-13.09
3/24/2015	13	19.94	28.66
3/24/2015	14	16.04	14.36
3/24/2015	15	13.99	14.36
3/24/2015	16	13.06	20.35
3/24/2015	17	17.11	13.12
3/24/2015	18	18.66	16.90

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/24/2015	19	21.44	17.13
3/24/2015	20	19.08	18.60
3/24/2015	21	19.99	19.81
3/24/2015	22	19.14	19.51
3/24/2015	23	18.76	12.19
3/24/2015	24	19.05	18.42
3/25/2015	1	19.55	19.02
3/25/2015	2	29.25	49.31
3/25/2015	3	16.49	21.33
3/25/2015	4	19.35	17.63
3/25/2015	5	19.22	18.49
3/25/2015	6	19.11	18.49
3/25/2015	7	18.97	18.06
3/25/2015	8	20.06	20.24
3/25/2015	9	21.72	23.94
3/25/2015	10	29.98	20.66
3/25/2015	11	19.26	18.70
3/25/2015	12	20.09	18.79
3/25/2015	13	18.82	11.51
3/25/2015	14	18.09	11.79
3/25/2015	15	17.08	16.31
3/25/2015	16	18.40	18.35
3/25/2015	17	8.73	8.68
3/25/2015	18	18.09	18.25
3/25/2015	19	19.90	20.05
3/25/2015	20	20.27	20.22
3/25/2015	21	20.95	20.84
3/25/2015	22	20.93	20.97
3/25/2015	23	19.95	19.84
3/25/2015	24	16.21	-1.01
3/26/2015	1	18.45	16.76
3/26/2015	2	18.85	17.37
3/26/2015	3	19.37	17.89
3/26/2015	4	18.70	17.26
3/26/2015	5	18.58	17.69
3/26/2015	6	19.05	17.61
3/26/2015	7	19.25	18.78
3/26/2015	8	21.57	21.98
3/26/2015	9	19.92	20.80
3/26/2015	10	27.41	24.12
3/26/2015	11	20.01	20.96
3/26/2015	12	18.63	21.11
3/26/2015	13	20.47	24.99
3/26/2015	14	17.78	23.21
3/26/2015	15	14.68	28.99
3/26/2015	16	20.46	21.29

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/26/2015	17	19.95	20.38
3/26/2015	18	19.83	21.12
3/26/2015	19	19.03	14.66
3/26/2015	20	18.83	17.12
3/26/2015	21	19.45	17.41
3/26/2015	22	18.72	30.69
3/26/2015	23	20.22	30.14
3/26/2015	24	19.23	26.39
3/27/2015	1	18.87	18.97
3/27/2015	2	18.52	18.66
3/27/2015	3	20.05	20.01
3/27/2015	4	18.82	17.59
3/27/2015	5	18.85	17.58
3/27/2015	6	18.59	17.37
3/27/2015	7	20.35	20.71
3/27/2015	8	23.91	24.96
3/27/2015	9	24.36	20.87
3/27/2015	10	32.88	23.09
3/27/2015	11	20.83	22.13
3/27/2015	12	20.60	22.86
3/27/2015	13	19.05	19.59
3/27/2015	14	19.36	21.62
3/27/2015	15	19.79	22.65
3/27/2015	16	19.20	22.15
3/27/2015	17	19.39	19.28
3/27/2015	18	21.40	21.65
3/27/2015	19	17.22	17.30
3/27/2015	20	19.10	20.84
3/27/2015	21	19.61	21.57
3/27/2015	22	18.83	19.61
3/27/2015	23	18.85	17.71
3/27/2015	24	17.65	15.96
3/28/2015	1	16.09	-2.11
3/28/2015	2	16.18	8.30
3/28/2015	3	16.25	11.74
3/28/2015	4	15.88	11.54
3/28/2015	5	15.58	-2.17
3/28/2015	6	13.71	2.54
3/28/2015	7	16.43	14.12
3/28/2015	8	17.80	15.76
3/28/2015	9	17.16	-12.24
3/28/2015	10	17.78	9.68
3/28/2015	11	14.75	-7.62
3/28/2015	12	18.44	13.54
3/28/2015	13	17.12	11.67
3/28/2015	14	17.87	0.57

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/28/2015	15	17.91	15.57
3/28/2015	16	18.12	15.56
3/28/2015	17	15.86	8.54
3/28/2015	18	16.46	15.46
3/28/2015	19	15.06	14.99
3/28/2015	20	16.17	15.78
3/28/2015	21	18.02	13.22
3/28/2015	22	17.27	17.85
3/28/2015	23	17.65	16.71
3/28/2015	24	18.52	17.49
3/29/2015	1	15.24	16.01
3/29/2015	2	18.13	15.67
3/29/2015	3	17.68	15.53
3/29/2015	4	17.80	16.26
3/29/2015	5	26.93	-12.06
3/29/2015	6	18.72	2.25
3/29/2015	7	18.56	15.84
3/29/2015	8	18.56	13.04
3/29/2015	9	35.25	20.31
3/29/2015	10	18.92	18.31
3/29/2015	11	18.83	15.49
3/29/2015	12	19.00	17.38
3/29/2015	13	18.78	17.46
3/29/2015	14	22.62	20.99
3/29/2015	15	19.21	19.48
3/29/2015	16	18.91	19.34
3/29/2015	17	18.06	18.15
3/29/2015	18	18.11	16.93
3/29/2015	19	17.64	15.19
3/29/2015	20	36.81	24.27
3/29/2015	21	20.93	24.76
3/29/2015	22	18.78	17.57
3/29/2015	23	18.51	18.50
3/29/2015	24	17.17	17.27
3/30/2015	1	18.48	17.49
3/30/2015	2	15.85	15.98
3/30/2015	3	12.50	16.14
3/30/2015	4	13.35	15.59
3/30/2015	5	13.55	15.10
3/30/2015	6	17.96	16.08
3/30/2015	7	19.84	19.40
3/30/2015	8	22.29	23.15
3/30/2015	9	21.18	21.64
3/30/2015	10	21.71	25.69
3/30/2015	11	23.23	24.16
3/30/2015	12	20.19	23.01

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
3/30/2015	13	19.95	23.81
3/30/2015	14	21.21	25.91
3/30/2015	15	20.47	22.90
3/30/2015	16	20.03	24.21
3/30/2015	17	20.39	21.72
3/30/2015	18	21.35	22.81
3/30/2015	19	28.46	32.68
3/30/2015	20	26.39	35.69
3/30/2015	21	35.31	34.99
3/30/2015	22	36.76	36.39
3/30/2015	23	22.57	24.27
3/30/2015	24	21.46	16.65
3/31/2015	1	18.76	17.66
3/31/2015	2	18.38	17.67
3/31/2015	3	17.89	16.02
3/31/2015	4	20.48	-13.66
3/31/2015	5	17.85	-41.95
3/31/2015	6	18.53	-26.47
3/31/2015	7	19.41	5.00
3/31/2015	8	20.40	1.89
3/31/2015	9	18.86	18.11
3/31/2015	10	19.52	17.34
3/31/2015	11	19.05	14.84
3/31/2015	12	27.17	16.89
3/31/2015	13	18.81	14.41
3/31/2015	14	18.76	17.66
3/31/2015	15	19.39	16.74
3/31/2015	16	49.11	17.09
3/31/2015	17	18.54	16.15
3/31/2015	18	21.54	16.28
3/31/2015	19	18.30	16.88
3/31/2015	20	20.62	16.45
3/31/2015	21	23.29	15.93
3/31/2015	22	47.09	16.41
3/31/2015	23	19.03	18.50
3/31/2015	24	22.43	17.33
4/1/2015	1	16.83	15.07
4/1/2015	2	16.12	15.57
4/1/2015	3	21.84	15.70
4/1/2015	4	21.62	15.90
4/1/2015	5	20.91	16.11
4/1/2015	6	18.67	15.59
4/1/2015	7	18.59	0.77
4/1/2015	8	18.63	17.30
4/1/2015	9	18.89	16.40
4/1/2015	10	22.10	17.07

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/1/2015	11	19.08	16.40
4/1/2015	12	21.71	16.48
4/1/2015	13	16.93	16.90
4/1/2015	14	35.22	2.88
4/1/2015	15	86.01	17.81
4/1/2015	16	52.72	18.57
4/1/2015	17	92.44	17.21
4/1/2015	18	90.35	17.14
4/1/2015	19	19.75	17.49
4/1/2015	20	30.12	16.52
4/1/2015	21	19.08	15.25
4/1/2015	22	40.35	16.67
4/1/2015	23	19.23	16.39
4/1/2015	24	19.13	2.62
4/2/2015	1	19.43	-13.02
4/2/2015	2	21.37	-4.06
4/2/2015	3	18.69	17.23
4/2/2015	4	18.73	17.52
4/2/2015	5	19.22	17.87
4/2/2015	6	18.69	2.67
4/2/2015	7	18.84	17.87
4/2/2015	8	19.04	18.42
4/2/2015	9	18.80	18.20
4/2/2015	10	34.06	17.70
4/2/2015	11	19.48	17.39
4/2/2015	12	19.73	17.73
4/2/2015	13	34.65	15.85
4/2/2015	14	31.66	19.62
4/2/2015	15	19.24	18.09
4/2/2015	16	45.51	18.46
4/2/2015	17	18.76	18.22
4/2/2015	18	19.27	18.44
4/2/2015	19	19.64	19.50
4/2/2015	20	27.26	24.90
4/2/2015	21	21.83	13.03
4/2/2015	22	18.78	28.07
4/2/2015	23	18.98	19.23
4/2/2015	24	17.48	17.37
4/3/2015	1	19.15	19.39
4/3/2015	2	19.20	19.38
4/3/2015	3	34.59	19.33
4/3/2015	4	18.92	19.39
4/3/2015	5	52.15	19.37
4/3/2015	6	19.79	19.69
4/3/2015	7	20.11	26.22
4/3/2015	8	20.04	18.74

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/3/2015	9	19.26	19.79
4/3/2015	10	19.07	19.54
4/3/2015	11	18.96	21.41
4/3/2015	12	22.36	26.58
4/3/2015	13	32.84	24.90
4/3/2015	14	18.39	22.53
4/3/2015	15	17.09	19.64
4/3/2015	16	18.89	18.98
4/3/2015	17	18.76	18.70
4/3/2015	18	19.45	18.45
4/3/2015	19	18.67	18.24
4/3/2015	20	29.24	18.47
4/3/2015	21	47.10	44.64
4/3/2015	22	33.46	33.70
4/3/2015	23	18.86	13.09
4/3/2015	24	18.33	9.57
4/4/2015	1	18.14	14.47
4/4/2015	2	18.24	14.35
4/4/2015	3	21.01	17.81
4/4/2015	4	18.34	17.99
4/4/2015	5	23.71	17.56
4/4/2015	6	22.08	17.92
4/4/2015	7	20.65	17.43
4/4/2015	8	22.51	9.63
4/4/2015	9	41.23	18.82
4/4/2015	10	21.31	19.64
4/4/2015	11	31.29	18.49
4/4/2015	12	20.09	18.68
4/4/2015	13	27.94	18.05
4/4/2015	14	18.13	18.20
4/4/2015	15	18.86	18.14
4/4/2015	16	18.66	18.09
4/4/2015	17	18.63	18.16
4/4/2015	18	39.97	17.41
4/4/2015	19	26.81	17.29
4/4/2015	20	22.40	22.12
4/4/2015	21	5.99	21.65
4/4/2015	22	27.13	32.38
4/4/2015	23	26.53	19.60
4/4/2015	24	18.89	18.50
4/5/2015	1	27.54	24.04
4/5/2015	2	19.49	18.53
4/5/2015	3	19.25	18.45
4/5/2015	4	20.91	18.22
4/5/2015	5	18.82	18.98
4/5/2015	6	20.03	18.62

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/5/2015	7	19.32	18.43
4/5/2015	8	34.17	18.67
4/5/2015	9	20.32	28.55
4/5/2015	10	19.29	46.58
4/5/2015	11	13.74	38.67
4/5/2015	12	16.88	48.30
4/5/2015	13	19.91	76.12
4/5/2015	14	19.95	33.80
4/5/2015	15	22.12	53.07
4/5/2015	16	20.63	34.42
4/5/2015	17	20.99	32.88
4/5/2015	18	34.44	40.92
4/5/2015	19	18.72	19.19
4/5/2015	20	18.36	17.50
4/5/2015	21	25.79	18.25
4/5/2015	22	23.67	28.46
4/5/2015	23	28.75	35.34
4/5/2015	24	19.35	24.62
4/6/2015	1	18.36	18.85
4/6/2015	2	18.35	18.63
4/6/2015	3	17.58	17.99
4/6/2015	4	17.56	18.07
4/6/2015	5	18.53	18.60
4/6/2015	6	18.47	17.67
4/6/2015	7	34.70	17.03
4/6/2015	8	19.77	18.82
4/6/2015	9	-15.69	-24.19
4/6/2015	10	31.47	27.32
4/6/2015	11	17.35	33.93
4/6/2015	12	47.75	-9.91
4/6/2015	13	19.55	17.05
4/6/2015	14	23.70	22.20
4/6/2015	15	21.58	31.06
4/6/2015	16	21.19	27.75
4/6/2015	17	18.64	22.02
4/6/2015	18	17.96	18.76
4/6/2015	19	18.57	19.04
4/6/2015	20	19.72	19.59
4/6/2015	21	19.11	21.14
4/6/2015	22	18.77	18.84
4/6/2015	23	18.80	19.03
4/6/2015	24	18.52	18.62
4/7/2015	1	18.51	18.95
4/7/2015	2	19.42	20.58
4/7/2015	3	16.89	19.42
4/7/2015	4	16.53	19.13

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/7/2015	5	19.22	24.63
4/7/2015	6	19.74	32.65
4/7/2015	7	34.84	57.27
4/7/2015	8	20.85	26.16
4/7/2015	9	26.92	22.61
4/7/2015	10	39.81	26.75
4/7/2015	11	25.48	32.62
4/7/2015	12	19.79	21.02
4/7/2015	13	19.82	21.71
4/7/2015	14	20.18	20.06
4/7/2015	15	22.60	40.56
4/7/2015	16	22.94	21.56
4/7/2015	17	19.60	19.11
4/7/2015	18	26.93	26.74
4/7/2015	19	45.95	49.29
4/7/2015	20	37.74	31.28
4/7/2015	21	30.44	18.28
4/7/2015	22	66.12	65.73
4/7/2015	23	20.89	47.75
4/7/2015	24	22.36	22.92
4/8/2015	1	25.39	26.25
4/8/2015	2	23.90	18.84
4/8/2015	3	18.93	18.74
4/8/2015	4	19.57	19.14
4/8/2015	5	21.81	21.75
4/8/2015	6	28.69	28.97
4/8/2015	7	18.98	29.21
4/8/2015	8	31.01	45.55
4/8/2015	9	32.11	30.71
4/8/2015	10	23.15	23.16
4/8/2015	11	21.03	20.38
4/8/2015	12	20.11	24.12
4/8/2015	13	20.69	26.57
4/8/2015	14	25.24	23.70
4/8/2015	15	20.15	21.44
4/8/2015	16	9.07	9.29
4/8/2015	17	18.77	18.08
4/8/2015	18	19.36	18.90
4/8/2015	19	18.75	18.07
4/8/2015	20	18.65	17.95
4/8/2015	21	18.33	16.17
4/8/2015	22	22.91	9.91
4/8/2015	23	18.63	17.30
4/8/2015	24	30.81	17.03
4/9/2015	1	23.77	17.97
4/9/2015	2	21.73	17.85

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/9/2015	3	25.33	17.50
4/9/2015	4	18.53	17.70
4/9/2015	5	18.21	17.93
4/9/2015	6	34.93	18.07
4/9/2015	7	17.68	17.88
4/9/2015	8	13.69	28.65
4/9/2015	9	25.54	28.29
4/9/2015	10	79.71	35.77
4/9/2015	11	24.90	32.43
4/9/2015	12	19.24	23.05
4/9/2015	13	19.22	20.67
4/9/2015	14	19.57	25.28
4/9/2015	15	9.86	10.56
4/9/2015	16	19.43	18.87
4/9/2015	17	18.65	18.66
4/9/2015	18	18.58	18.72
4/9/2015	19	18.40	18.65
4/9/2015	20	18.90	18.72
4/9/2015	21	19.13	18.58
4/9/2015	22	21.87	-3.32
4/9/2015	23	91.73	88.14
4/9/2015	24	19.83	26.47
4/10/2015	1	19.86	26.47
4/10/2015	2	20.37	21.21
4/10/2015	3	19.33	19.54
4/10/2015	4	19.47	20.15
4/10/2015	5	16.88	18.60
4/10/2015	6	18.36	18.83
4/10/2015	7	26.89	24.97
4/10/2015	8	22.69	28.08
4/10/2015	9	24.16	24.84
4/10/2015	10	43.27	44.22
4/10/2015	11	20.64	27.58
4/10/2015	12	22.49	24.13
4/10/2015	13	20.53	24.83
4/10/2015	14	12.67	23.02
4/10/2015	15	27.55	28.79
4/10/2015	16	21.61	21.64
4/10/2015	17	19.80	19.90
4/10/2015	18	18.54	18.68
4/10/2015	19	19.77	19.65
4/10/2015	20	37.72	23.82
4/10/2015	21	19.82	18.07
4/10/2015	22	20.43	27.28
4/10/2015	23	19.19	20.04
4/10/2015	24	18.64	17.34

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/11/2015	1	18.96	19.75
4/11/2015	2	18.37	18.63
4/11/2015	3	19.12	22.48
4/11/2015	4	18.13	18.31
4/11/2015	5	18.57	18.61
4/11/2015	6	17.96	17.92
4/11/2015	7	18.96	18.89
4/11/2015	8	18.18	18.25
4/11/2015	9	19.39	19.11
4/11/2015	10	19.59	23.21
4/11/2015	11	20.96	42.31
4/11/2015	12	20.06	21.51
4/11/2015	13	19.65	26.01
4/11/2015	14	19.94	32.58
4/11/2015	15	17.43	31.71
4/11/2015	16	18.60	30.26
4/11/2015	17	19.40	23.28
4/11/2015	18	18.60	19.06
4/11/2015	19	15.57	16.00
4/11/2015	20	28.11	18.03
4/11/2015	21	18.27	18.25
4/11/2015	22	20.04	21.06
4/11/2015	23	18.50	18.51
4/11/2015	24	18.31	17.65
4/12/2015	1	17.94	16.95
4/12/2015	2	17.63	16.07
4/12/2015	3	17.68	0.11
4/12/2015	4	16.19	15.93
4/12/2015	5	18.37	15.99
4/12/2015	6	17.28	16.99
4/12/2015	7	17.24	17.51
4/12/2015	8	18.57	18.15
4/12/2015	9	19.43	19.07
4/12/2015	10	32.34	19.57
4/12/2015	11	20.64	20.80
4/12/2015	12	19.69	21.42
4/12/2015	13	19.23	21.01
4/12/2015	14	19.75	22.10
4/12/2015	15	20.21	21.96
4/12/2015	16	21.80	23.04
4/12/2015	17	27.75	29.22
4/12/2015	18	26.91	28.57
4/12/2015	19	19.80	27.52
4/12/2015	20	20.08	20.31
4/12/2015	21	18.91	19.20
4/12/2015	22	20.61	32.22

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/12/2015	23	41.04	32.97
4/12/2015	24	19.12	20.00
4/13/2015	1	18.72	19.28
4/13/2015	2	18.47	19.16
4/13/2015	3	18.53	19.21
4/13/2015	4	19.18	19.18
4/13/2015	5	18.06	18.91
4/13/2015	6	19.52	22.80
4/13/2015	7	19.83	54.65
4/13/2015	8	20.27	52.24
4/13/2015	9	20.72	31.85
4/13/2015	10	27.72	36.47
4/13/2015	11	32.00	34.94
4/13/2015	12	32.45	33.30
4/13/2015	13	35.82	30.13
4/13/2015	14	27.51	30.22
4/13/2015	15	22.21	21.11
4/13/2015	16	29.74	22.51
4/13/2015	17	21.52	21.00
4/13/2015	18	20.04	22.47
4/13/2015	19	26.55	28.36
4/13/2015	20	19.15	51.22
4/13/2015	21	23.93	33.13
4/13/2015	22	20.83	26.04
4/13/2015	23	31.20	33.21
4/13/2015	24	37.70	19.10
4/14/2015	1	17.99	18.62
4/14/2015	2	17.91	18.66
4/14/2015	3	17.62	17.94
4/14/2015	4	17.34	18.21
4/14/2015	5	16.04	16.57
4/14/2015	6	17.40	4.04
4/14/2015	7	17.82	18.64
4/14/2015	8	24.88	21.42
4/14/2015	9	28.32	19.55
4/14/2015	10	34.27	20.60
4/14/2015	11	19.12	19.93
4/14/2015	12	13.58	18.82
4/14/2015	13	19.40	20.13
4/14/2015	14	20.76	22.26
4/14/2015	15	18.80	18.75
4/14/2015	16	19.01	19.19
4/14/2015	17	19.00	18.03
4/14/2015	18	18.50	17.82
4/14/2015	19	30.24	6.91
4/14/2015	20	40.94	17.89

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/14/2015	21	40.71	15.91
4/14/2015	22	19.34	12.28
4/14/2015	23	21.03	16.23
4/14/2015	24	18.54	5.34
4/15/2015	1	19.02	18.70
4/15/2015	2	15.58	17.92
4/15/2015	3	15.34	17.50
4/15/2015	4	18.12	17.26
4/15/2015	5	18.17	19.21
4/15/2015	6	19.19	19.30
4/15/2015	7	48.68	10.87
4/15/2015	8	21.88	25.72
4/15/2015	9	28.32	21.77
4/15/2015	10	27.17	26.22
4/15/2015	11	21.24	31.92
4/15/2015	12	21.80	19.18
4/15/2015	13	20.28	21.53
4/15/2015	14	19.96	21.95
4/15/2015	15	18.80	19.04
4/15/2015	16	19.43	18.95
4/15/2015	17	31.40	20.02
4/15/2015	18	19.51	20.46
4/15/2015	19	19.61	34.07
4/15/2015	20	20.47	57.91
4/15/2015	21	25.79	44.51
4/15/2015	22	26.81	40.43
4/15/2015	23	57.15	59.28
4/15/2015	24	19.89	24.13
4/16/2015	1	19.37	19.40
4/16/2015	2	19.65	20.66
4/16/2015	3	18.80	18.09
4/16/2015	4	19.46	19.01
4/16/2015	5	37.40	18.32
4/16/2015	6	-33.00	21.26
4/16/2015	7	33.86	31.42
4/16/2015	8	30.65	31.33
4/16/2015	9	22.82	31.71
4/16/2015	10	25.38	30.70
4/16/2015	11	23.35	24.66
4/16/2015	12	21.35	32.96
4/16/2015	13	48.98	22.31
4/16/2015	14	21.72	23.29
4/16/2015	15	21.52	24.35
4/16/2015	16	38.51	23.75
4/16/2015	17	20.85	20.97
4/16/2015	18	20.79	23.14

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/16/2015	19	22.65	24.48
4/16/2015	20	20.63	20.69
4/16/2015	21	18.44	18.81
4/16/2015	22	21.70	27.93
4/16/2015	23	29.72	43.32
4/16/2015	24	33.77	29.64
4/17/2015	1	23.37	21.69
4/17/2015	2	20.41	21.25
4/17/2015	3	19.11	19.47
4/17/2015	4	20.37	18.06
4/17/2015	5	21.34	21.30
4/17/2015	6	25.27	26.00
4/17/2015	7	21.59	2.28
4/17/2015	8	19.19	19.22
4/17/2015	9	19.97	24.98
4/17/2015	10	21.44	31.76
4/17/2015	11	22.12	31.83
4/17/2015	12	20.15	27.01
4/17/2015	13	20.35	27.59
4/17/2015	14	20.33	28.04
4/17/2015	15	27.10	21.72
4/17/2015	16	37.72	53.27
4/17/2015	17	21.07	30.18
4/17/2015	18	20.07	21.22
4/17/2015	19	35.03	22.82
4/17/2015	20	19.36	19.41
4/17/2015	21	19.70	19.37
4/17/2015	22	19.35	19.59
4/17/2015	23	18.76	27.23
4/17/2015	24	17.68	20.64
4/18/2015	1	47.89	36.59
4/18/2015	2	18.36	17.45
4/18/2015	3	17.86	18.09
4/18/2015	4	18.62	17.75
4/18/2015	5	18.62	20.25
4/18/2015	6	20.20	25.09
4/18/2015	7	18.69	17.76
4/18/2015	8	19.08	19.34
4/18/2015	9	19.42	29.93
4/18/2015	10	19.57	35.24
4/18/2015	11	19.72	28.42
4/18/2015	12	19.13	23.11
4/18/2015	13	18.37	21.55
4/18/2015	14	19.10	21.04
4/18/2015	15	18.40	18.94
4/18/2015	16	18.44	18.64

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/18/2015	17	9.18	9.10
4/18/2015	18	17.88	18.57
4/18/2015	19	18.73	19.37
4/18/2015	20	18.41	18.22
4/18/2015	21	19.60	19.52
4/18/2015	22	19.62	19.96
4/18/2015	23	23.55	24.69
4/18/2015	24	20.04	23.86
4/19/2015	1	10.51	9.74
4/19/2015	2	22.22	22.94
4/19/2015	3	28.13	21.03
4/19/2015	4	34.55	35.23
4/19/2015	5	21.07	21.82
4/19/2015	6	23.05	23.52
4/19/2015	7	19.79	20.46
4/19/2015	8	19.64	18.11
4/19/2015	9	20.51	21.62
4/19/2015	10	35.91	43.34
4/19/2015	11	18.83	23.55
4/19/2015	12	19.36	21.99
4/19/2015	13	20.12	20.93
4/19/2015	14	19.80	20.37
4/19/2015	15	20.64	21.31
4/19/2015	16	22.18	22.87
4/19/2015	17	21.18	21.76
4/19/2015	18	30.37	20.99
4/19/2015	19	21.38	21.67
4/19/2015	20	18.37	17.24
4/19/2015	21	29.62	30.31
4/19/2015	22	30.14	30.66
4/19/2015	23	20.11	20.86
4/19/2015	24	19.54	20.13
4/20/2015	1	18.39	7.54
4/20/2015	2	18.96	19.29
4/20/2015	3	8.91	9.02
4/20/2015	4	18.33	18.45
4/20/2015	5	18.57	18.98
4/20/2015	6	18.00	17.59
4/20/2015	7	18.65	17.84
4/20/2015	8	18.45	18.62
4/20/2015	9	17.94	20.65
4/20/2015	10	18.14	19.61
4/20/2015	11	18.57	22.35
4/20/2015	12	21.53	20.92
4/20/2015	13	19.57	20.20
4/20/2015	14	19.62	19.50

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/20/2015	15	19.25	19.17
4/20/2015	16	18.82	18.75
4/20/2015	17	18.97	18.82
4/20/2015	18	19.31	19.40
4/20/2015	19	21.60	19.78
4/20/2015	20	18.41	17.59
4/20/2015	21	21.58	20.73
4/20/2015	22	30.41	31.35
4/20/2015	23	20.19	20.65
4/20/2015	24	19.09	19.65
4/21/2015	1	20.06	20.89
4/21/2015	2	20.78	21.61
4/21/2015	3	19.05	19.20
4/21/2015	4	18.92	15.09
4/21/2015	5	20.15	20.36
4/21/2015	6	18.73	18.83
4/21/2015	7	20.19	20.19
4/21/2015	8	20.17	20.51
4/21/2015	9	28.42	16.98
4/21/2015	10	21.21	20.93
4/21/2015	11	19.42	20.50
4/21/2015	12	20.65	21.86
4/21/2015	13	21.12	21.64
4/21/2015	14	19.82	19.60
4/21/2015	15	20.96	21.60
4/21/2015	16	20.28	20.34
4/21/2015	17	19.07	19.45
4/21/2015	18	20.27	20.69
4/21/2015	19	20.29	20.55
4/21/2015	20	19.85	18.43
4/21/2015	21	22.52	15.53
4/21/2015	22	19.08	17.68
4/21/2015	23	19.07	18.60
4/21/2015	24	18.86	18.86
4/22/2015	1	20.36	20.51
4/22/2015	2	19.72	19.79
4/22/2015	3	18.75	18.07
4/22/2015	4	19.38	18.85
4/22/2015	5	18.73	18.44
4/22/2015	6	18.72	18.10
4/22/2015	7	27.67	27.78
4/22/2015	8	19.38	19.81
4/22/2015	9	9.14	23.07
4/22/2015	10	20.62	22.90
4/22/2015	11	19.86	25.23
4/22/2015	12	19.93	24.07

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/22/2015	13	19.40	21.67
4/22/2015	14	19.38	19.25
4/22/2015	15	19.22	21.32
4/22/2015	16	18.35	20.87
4/22/2015	17	19.63	21.31
4/22/2015	18	19.81	20.19
4/22/2015	19	31.84	18.98
4/22/2015	20	18.43	18.49
4/22/2015	21	35.58	34.33
4/22/2015	22	22.40	22.27
4/22/2015	23	20.27	21.28
4/22/2015	24	19.81	19.59
4/23/2015	1	2.18	2.94
4/23/2015	2	18.80	16.54
4/23/2015	3	16.11	16.12
4/23/2015	4	3.74	3.31
4/23/2015	5	18.57	17.95
4/23/2015	6	19.34	19.09
4/23/2015	7	21.49	22.36
4/23/2015	8	20.17	20.83
4/23/2015	9	18.67	18.75
4/23/2015	10	19.12	19.22
4/23/2015	11	20.75	19.20
4/23/2015	12	28.81	28.09
4/23/2015	13	19.26	19.18
4/23/2015	14	18.99	22.42
4/23/2015	15	19.37	19.92
4/23/2015	16	19.28	19.70
4/23/2015	17	23.04	19.35
4/23/2015	18	19.14	19.20
4/23/2015	19	22.22	19.13
4/23/2015	20	19.01	19.37
4/23/2015	21	22.47	19.77
4/23/2015	22	20.93	26.20
4/23/2015	23	21.06	21.89
4/23/2015	24	19.11	20.16
4/24/2015	1	17.42	18.75
4/24/2015	2	17.99	19.02
4/24/2015	3	18.54	19.20
4/24/2015	4	17.53	18.00
4/24/2015	5	17.96	20.80
4/24/2015	6	17.66	17.83
4/24/2015	7	17.83	18.25
4/24/2015	8	18.53	19.74
4/24/2015	9	18.61	16.99
4/24/2015	10	19.32	18.69

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/24/2015	11	19.74	19.45
4/24/2015	12	19.66	17.81
4/24/2015	13	19.57	21.98
4/24/2015	14	21.70	23.97
4/24/2015	15	20.76	25.72
4/24/2015	16	19.55	21.63
4/24/2015	17	21.70	18.27
4/24/2015	18	18.69	19.33
4/24/2015	19	16.44	16.64
4/24/2015	20	18.67	18.27
4/24/2015	21	41.07	44.35
4/24/2015	22	19.65	29.20
4/24/2015	23	18.54	17.88
4/24/2015	24	18.48	18.42
4/25/2015	1	8.65	9.40
4/25/2015	2	17.06	16.12
4/25/2015	3	16.36	16.54
4/25/2015	4	16.36	16.50
4/25/2015	5	19.79	19.57
4/25/2015	6	19.46	17.90
4/25/2015	7	-0.45	15.08
4/25/2015	8	18.02	17.68
4/25/2015	9	17.64	17.59
4/25/2015	10	19.68	20.29
4/25/2015	11	9.29	8.26
4/25/2015	12	15.99	16.64
4/25/2015	13	9.51	9.10
4/25/2015	14	18.70	14.03
4/25/2015	15	18.55	16.94
4/25/2015	16	18.21	18.19
4/25/2015	17	19.65	14.99
4/25/2015	18	19.43	18.11
4/25/2015	19	19.35	19.04
4/25/2015	20	20.76	20.86
4/25/2015	21	17.61	20.80
4/25/2015	22	20.56	21.81
4/25/2015	23	19.47	20.43
4/25/2015	24	19.22	19.74
4/26/2015	1	1.34	3.43
4/26/2015	2	-15.95	18.65
4/26/2015	3	17.60	16.59
4/26/2015	4	16.63	18.54
4/26/2015	5	17.23	20.18
4/26/2015	6	18.01	18.85
4/26/2015	7	18.82	20.01
4/26/2015	8	18.86	19.99

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/26/2015	9	19.26	28.02
4/26/2015	10	20.47	22.81
4/26/2015	11	20.04	25.61
4/26/2015	12	19.46	29.50
4/26/2015	13	19.10	33.36
4/26/2015	14	19.72	40.88
4/26/2015	15	19.77	25.55
4/26/2015	16	19.39	30.87
4/26/2015	17	19.80	34.63
4/26/2015	18	23.03	23.09
4/26/2015	19	19.62	19.47
4/26/2015	20	18.04	18.71
4/26/2015	21	23.90	24.28
4/26/2015	22	23.38	22.73
4/26/2015	23	18.44	20.04
4/26/2015	24	18.57	19.82
4/27/2015	1	8.74	9.16
4/27/2015	2	18.80	17.36
4/27/2015	3	17.57	18.75
4/27/2015	4	17.55	19.13
4/27/2015	5	17.19	4.01
4/27/2015	6	18.98	17.64
4/27/2015	7	20.54	21.02
4/27/2015	8	22.12	22.67
4/27/2015	9	21.87	22.59
4/27/2015	10	21.38	28.69
4/27/2015	11	20.19	27.13
4/27/2015	12	21.40	31.71
4/27/2015	13	25.12	38.59
4/27/2015	14	22.78	27.52
4/27/2015	15	22.46	27.14
4/27/2015	16	19.63	21.12
4/27/2015	17	19.25	20.52
4/27/2015	18	20.41	23.86
4/27/2015	19	20.59	21.48
4/27/2015	20	20.42	21.55
4/27/2015	21	21.32	23.39
4/27/2015	22	21.70	22.86
4/27/2015	23	10.00	11.31
4/27/2015	24	18.81	21.36
4/28/2015	1	17.48	19.18
4/28/2015	2	18.71	20.08
4/28/2015	3	18.76	20.10
4/28/2015	4	18.47	19.53
4/28/2015	5	19.59	20.01
4/28/2015	6	24.81	25.98

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/28/2015	7	73.60	-15.63
4/28/2015	8	20.56	18.53
4/28/2015	9	20.72	20.73
4/28/2015	10	21.17	21.47
4/28/2015	11	19.01	17.92
4/28/2015	12	20.92	20.91
4/28/2015	13	22.01	21.39
4/28/2015	14	19.17	2.70
4/28/2015	15	19.12	4.02
4/28/2015	16	18.86	17.29
4/28/2015	17	21.75	21.08
4/28/2015	18	20.51	19.70
4/28/2015	19	20.59	17.67
4/28/2015	20	19.70	16.22
4/28/2015	21	20.26	20.53
4/28/2015	22	20.18	19.94
4/28/2015	23	20.09	20.35
4/28/2015	24	18.96	18.85
4/29/2015	1	18.23	17.40
4/29/2015	2	17.67	2.29
4/29/2015	3	18.66	17.20
4/29/2015	4	18.63	18.00
4/29/2015	5	18.55	17.65
4/29/2015	6	33.66	6.33
4/29/2015	7	18.42	2.45
4/29/2015	8	19.44	17.52
4/29/2015	9	21.80	21.76
4/29/2015	10	27.37	26.19
4/29/2015	11	18.80	18.20
4/29/2015	12	21.10	20.44
4/29/2015	13	23.12	22.51
4/29/2015	14	22.34	4.41
4/29/2015	15	18.75	17.83
4/29/2015	16	19.10	17.89
4/29/2015	17	19.05	17.69
4/29/2015	18	19.62	18.09
4/29/2015	19	19.29	17.56
4/29/2015	20	19.36	18.31
4/29/2015	21	23.54	23.46
4/29/2015	22	19.76	19.22
4/29/2015	23	22.26	22.07
4/29/2015	24	37.83	28.59
4/30/2015	1	19.30	24.63
4/30/2015	2	19.84	30.46
4/30/2015	3	27.37	25.50
4/30/2015	4	18.82	17.08

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
4/30/2015	5	19.21	18.52
4/30/2015	6	20.19	20.04
4/30/2015	7	19.06	16.90
4/30/2015	8	8.94	18.58
4/30/2015	9	24.50	25.14
4/30/2015	10	24.89	20.87
4/30/2015	11	21.87	20.98
4/30/2015	12	21.25	21.13
4/30/2015	13	21.85	20.98
4/30/2015	14	19.28	18.73
4/30/2015	15	21.61	20.64
4/30/2015	16	22.85	23.10
4/30/2015	17	22.28	22.32
4/30/2015	18	20.31	20.67
4/30/2015	19	21.55	21.47
4/30/2015	20	20.80	20.50
4/30/2015	21	20.87	20.57
4/30/2015	22	20.90	20.88
4/30/2015	23	19.93	20.37
4/30/2015	24	49.31	50.72
5/1/2015	1	30.05	24.10
5/1/2015	2	22.10	22.20
5/1/2015	3	17.96	19.61
5/1/2015	4	17.68	20.41
5/1/2015	5	19.29	19.23
5/1/2015	6	19.30	20.35
5/1/2015	7	20.71	20.07
5/1/2015	8	22.70	22.90
5/1/2015	9	26.29	26.88
5/1/2015	10	23.54	26.09
5/1/2015	11	21.85	32.43
5/1/2015	12	20.99	25.11
5/1/2015	13	23.79	25.64
5/1/2015	14	21.38	25.35
5/1/2015	15	22.78	25.76
5/1/2015	16	22.37	21.17
5/1/2015	17	22.11	25.38
5/1/2015	18	22.66	23.43
5/1/2015	19	22.66	23.01
5/1/2015	20	20.43	20.63
5/1/2015	21	20.85	20.19
5/1/2015	22	20.03	19.54
5/1/2015	23	19.29	22.63
5/1/2015	24	24.64	25.73
5/2/2015	1	19.44	19.92
5/2/2015	2	17.97	20.75

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/2/2015	3	17.16	19.64
5/2/2015	4	18.00	20.51
5/2/2015	5	18.55	20.80
5/2/2015	6	20.56	21.27
5/2/2015	7	18.41	19.09
5/2/2015	8	21.90	22.84
5/2/2015	9	22.05	23.25
5/2/2015	10	20.22	22.11
5/2/2015	11	20.36	22.95
5/2/2015	12	19.27	20.11
5/2/2015	13	18.51	20.43
5/2/2015	14	18.27	22.81
5/2/2015	15	18.87	23.88
5/2/2015	16	18.90	21.54
5/2/2015	17	18.69	20.06
5/2/2015	18	22.51	24.43
5/2/2015	19	18.89	24.01
5/2/2015	20	22.38	25.82
5/2/2015	21	31.79	32.78
5/2/2015	22	23.28	25.27
5/2/2015	23	22.62	21.09
5/2/2015	24	18.48	19.06
5/3/2015	1	18.85	19.35
5/3/2015	2	19.18	21.55
5/3/2015	3	18.82	20.66
5/3/2015	4	18.59	19.75
5/3/2015	5	19.75	22.30
5/3/2015	6	19.80	22.60
5/3/2015	7	18.23	19.48
5/3/2015	8	23.00	56.43
5/3/2015	9	20.69	68.12
5/3/2015	10	21.19	58.34
5/3/2015	11	20.89	60.33
5/3/2015	12	21.54	38.76
5/3/2015	13	20.34	35.69
5/3/2015	14	20.61	27.29
5/3/2015	15	21.11	31.48
5/3/2015	16	19.94	24.71
5/3/2015	17	20.29	27.71
5/3/2015	18	20.46	26.90
5/3/2015	19	23.88	25.50
5/3/2015	20	22.59	24.10
5/3/2015	21	26.11	27.55
5/3/2015	22	27.79	30.55
5/3/2015	23	23.17	31.26
5/3/2015	24	17.91	25.04

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/4/2015	1	22.70	28.19
5/4/2015	2	18.29	20.86
5/4/2015	3	18.47	20.10
5/4/2015	4	17.00	19.31
5/4/2015	5	18.36	20.36
5/4/2015	6	19.46	21.01
5/4/2015	7	19.00	20.86
5/4/2015	8	20.66	22.34
5/4/2015	9	21.82	27.02
5/4/2015	10	24.29	26.76
5/4/2015	11	33.71	42.27
5/4/2015	12	28.78	35.50
5/4/2015	13	29.40	31.93
5/4/2015	14	24.16	26.94
5/4/2015	15	22.61	23.75
5/4/2015	16	20.77	22.21
5/4/2015	17	19.55	23.81
5/4/2015	18	19.39	14.89
5/4/2015	19	16.75	15.47
5/4/2015	20	17.87	16.85
5/4/2015	21	18.88	19.93
5/4/2015	22	17.69	21.92
5/4/2015	23	24.50	25.94
5/4/2015	24	19.69	20.68
5/5/2015	1	18.61	18.81
5/5/2015	2	18.66	18.83
5/5/2015	3	19.00	18.70
5/5/2015	4	19.18	18.29
5/5/2015	5	18.26	18.68
5/5/2015	6	19.72	20.28
5/5/2015	7	20.14	21.57
5/5/2015	8	23.80	20.44
5/5/2015	9	19.59	19.26
5/5/2015	10	21.35	21.64
5/5/2015	11	20.33	21.57
5/5/2015	12	21.41	23.86
5/5/2015	13	19.84	26.55
5/5/2015	14	21.67	31.86
5/5/2015	15	21.87	37.07
5/5/2015	16	21.47	34.49
5/5/2015	17	21.19	31.66
5/5/2015	18	20.38	24.45
5/5/2015	19	19.62	25.14
5/5/2015	20	21.70	23.91
5/5/2015	21	21.97	25.89
5/5/2015	22	33.76	38.47

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/5/2015	23	34.69	36.78
5/5/2015	24	33.23	35.73
5/6/2015	1	27.32	28.84
5/6/2015	2	22.50	24.04
5/6/2015	3	18.61	17.75
5/6/2015	4	19.46	19.21
5/6/2015	5	18.46	18.79
5/6/2015	6	18.03	19.15
5/6/2015	7	20.25	21.43
5/6/2015	8	22.58	25.70
5/6/2015	9	25.28	30.60
5/6/2015	10	20.02	23.95
5/6/2015	11	20.59	33.36
5/6/2015	12	21.19	35.01
5/6/2015	13	21.24	38.24
5/6/2015	14	20.41	38.85
5/6/2015	15	21.53	43.30
5/6/2015	16	20.05	36.12
5/6/2015	17	20.69	35.38
5/6/2015	18	16.68	25.98
5/6/2015	19	16.28	22.82
5/6/2015	20	25.00	26.94
5/6/2015	21	34.45	39.23
5/6/2015	22	32.41	33.79
5/6/2015	23	20.20	21.53
5/6/2015	24	20.22	19.49
5/7/2015	1	19.62	19.25
5/7/2015	2	19.45	19.38
5/7/2015	3	18.69	18.91
5/7/2015	4	19.35	20.38
5/7/2015	5	18.72	17.83
5/7/2015	6	21.06	23.45
5/7/2015	7	20.42	32.61
5/7/2015	8	20.79	29.64
5/7/2015	9	19.65	27.87
5/7/2015	10	19.45	27.61
5/7/2015	11	20.29	24.37
5/7/2015	12	21.25	24.72
5/7/2015	13	25.12	57.01
5/7/2015	14	22.12	46.58
5/7/2015	15	24.97	65.30
5/7/2015	16	22.05	42.94
5/7/2015	17	20.76	42.74
5/7/2015	18	23.06	61.54
5/7/2015	19	22.92	36.10
5/7/2015	20	22.35	29.42

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/7/2015	21	22.10	50.29
5/7/2015	22	21.56	53.99
5/7/2015	23	24.89	26.18
5/7/2015	24	20.04	21.56
5/8/2015	1	21.22	32.49
5/8/2015	2	20.99	26.09
5/8/2015	3	19.96	27.82
5/8/2015	4	21.03	22.67
5/8/2015	5	20.62	22.15
5/8/2015	6	18.04	20.15
5/8/2015	7	23.69	25.20
5/8/2015	8	22.06	33.71
5/8/2015	9	22.86	39.05
5/8/2015	10	24.33	33.44
5/8/2015	11	23.55	59.80
5/8/2015	12	25.29	33.10
5/8/2015	13	24.91	32.09
5/8/2015	14	25.38	46.12
5/8/2015	15	23.43	44.41
5/8/2015	16	21.79	38.86
5/8/2015	17	24.57	34.69
5/8/2015	18	21.18	44.33
5/8/2015	19	22.37	33.80
5/8/2015	20	20.69	25.78
5/8/2015	21	23.07	26.01
5/8/2015	22	21.42	26.46
5/8/2015	23	27.10	29.94
5/8/2015	24	27.00	29.26
5/9/2015	1	22.78	29.04
5/9/2015	2	26.23	28.26
5/9/2015	3	19.59	23.40
5/9/2015	4	19.34	22.83
5/9/2015	5	22.36	25.95
5/9/2015	6	21.30	23.81
5/9/2015	7	22.73	31.16
5/9/2015	8	26.49	30.20
5/9/2015	9	25.11	32.46
5/9/2015	10	21.34	32.12
5/9/2015	11	22.31	50.22
5/9/2015	12	20.28	39.48
5/9/2015	13	19.99	28.64
5/9/2015	14	21.04	39.88
5/9/2015	15	20.87	39.08
5/9/2015	16	22.13	50.86
5/9/2015	17	23.52	31.80
5/9/2015	18	21.62	181.97

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/9/2015	19	20.91	81.84
5/9/2015	20	21.45	30.53
5/9/2015	21	26.04	30.49
5/9/2015	22	21.91	30.54
5/9/2015	23	21.83	45.47
5/9/2015	24	20.03	26.67
5/10/2015	1	20.76	19.43
5/10/2015	2	22.29	27.93
5/10/2015	3	23.07	28.14
5/10/2015	4	20.79	24.31
5/10/2015	5	21.77	25.11
5/10/2015	6	20.73	25.61
5/10/2015	7	20.76	28.97
5/10/2015	8	19.39	25.12
5/10/2015	9	21.69	26.44
5/10/2015	10	21.40	35.44
5/10/2015	11	20.79	28.82
5/10/2015	12	20.38	30.01
5/10/2015	13	20.30	30.43
5/10/2015	14	20.07	38.89
5/10/2015	15	20.81	27.35
5/10/2015	16	22.28	34.28
5/10/2015	17	21.98	25.24
5/10/2015	18	26.05	28.51
5/10/2015	19	23.17	39.33
5/10/2015	20	26.71	27.91
5/10/2015	21	23.37	25.50
5/10/2015	22	38.29	43.81
5/10/2015	23	30.47	30.03
5/10/2015	24	36.55	39.26
5/11/2015	1	20.72	22.82
5/11/2015	2	21.26	23.24
5/11/2015	3	19.05	20.89
5/11/2015	4	19.92	21.77
5/11/2015	5	19.35	20.89
5/11/2015	6	19.68	20.97
5/11/2015	7	19.43	12.24
5/11/2015	8	23.44	25.07
5/11/2015	9	25.41	27.05
5/11/2015	10	25.13	27.50
5/11/2015	11	26.33	28.90
5/11/2015	12	22.95	24.42
5/11/2015	13	25.21	27.17
5/11/2015	14	27.05	28.65
5/11/2015	15	26.31	28.09
5/11/2015	16	24.91	26.76

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/11/2015	17	23.14	24.64
5/11/2015	18	21.78	23.17
5/11/2015	19	24.98	26.16
5/11/2015	20	21.38	20.54
5/11/2015	21	20.18	20.20
5/11/2015	22	21.55	22.64
5/11/2015	23	20.69	21.76
5/11/2015	24	19.43	19.99
5/12/2015	1	21.12	22.22
5/12/2015	2	20.32	25.82
5/12/2015	3	18.48	19.17
5/12/2015	4	19.49	19.54
5/12/2015	5	19.08	19.63
5/12/2015	6	18.04	18.27
5/12/2015	7	30.82	22.91
5/12/2015	8	19.02	25.78
5/12/2015	9	25.93	39.54
5/12/2015	10	24.26	28.53
5/12/2015	11	22.87	31.22
5/12/2015	12	20.93	35.39
5/12/2015	13	24.89	29.85
5/12/2015	14	22.78	32.71
5/12/2015	15	23.19	48.93
5/12/2015	16	24.16	37.27
5/12/2015	17	20.03	38.24
5/12/2015	18	20.44	32.96
5/12/2015	19	20.52	27.41
5/12/2015	20	24.94	27.19
5/12/2015	21	19.22	17.11
5/12/2015	22	27.21	29.07
5/12/2015	23	30.82	33.05
5/12/2015	24	20.58	5.73
5/13/2015	1	15.54	15.80
5/13/2015	2	16.61	-41.84
5/13/2015	3	17.64	18.39
5/13/2015	4	19.34	20.36
5/13/2015	5	18.17	18.30
5/13/2015	6	18.66	17.97
5/13/2015	7	32.84	10.65
5/13/2015	8	22.25	18.01
5/13/2015	9	21.62	16.55
5/13/2015	10	21.76	24.12
5/13/2015	11	21.53	25.69
5/13/2015	12	21.61	19.95
5/13/2015	13	21.92	26.41
5/13/2015	14	23.25	25.75

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/13/2015	15	24.50	26.09
5/13/2015	16	26.48	27.87
5/13/2015	17	25.99	28.98
5/13/2015	18	25.20	27.22
5/13/2015	19	26.83	28.18
5/13/2015	20	23.38	24.63
5/13/2015	21	29.84	31.29
5/13/2015	22	37.49	38.23
5/13/2015	23	37.98	22.17
5/13/2015	24	19.49	20.85
5/14/2015	1	23.09	28.14
5/14/2015	2	20.43	24.00
5/14/2015	3	18.84	26.55
5/14/2015	4	18.39	27.53
5/14/2015	5	18.78	28.28
5/14/2015	6	16.88	27.48
5/14/2015	7	22.78	27.09
5/14/2015	8	26.88	40.45
5/14/2015	9	28.04	31.06
5/14/2015	10	29.04	32.33
5/14/2015	11	38.02	44.46
5/14/2015	12	26.64	29.88
5/14/2015	13	23.40	26.57
5/14/2015	14	3.53	25.52
5/14/2015	15	18.14	34.72
5/14/2015	16	29.49	32.33
5/14/2015	17	23.27	26.31
5/14/2015	18	21.58	29.06
5/14/2015	19	22.15	23.96
5/14/2015	20	37.02	20.60
5/14/2015	21	23.02	24.76
5/14/2015	22	23.29	24.69
5/14/2015	23	21.78	24.92
5/14/2015	24	21.60	23.64
5/15/2015	1	16.95	19.64
5/15/2015	2	17.71	20.27
5/15/2015	3	35.05	20.57
5/15/2015	4	21.99	23.41
5/15/2015	5	18.54	19.66
5/15/2015	6	16.48	17.53
5/15/2015	7	18.16	18.77
5/15/2015	8	19.61	19.06
5/15/2015	9	28.14	28.62
5/15/2015	10	26.02	27.59
5/15/2015	11	29.17	31.12
5/15/2015	12	17.56	20.70

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/15/2015	13	23.21	26.50
5/15/2015	14	21.09	26.07
5/15/2015	15	42.51	26.59
5/15/2015	16	22.21	25.88
5/15/2015	17	10.66	8.37
5/15/2015	18	53.91	18.58
5/15/2015	19	23.56	18.25
5/15/2015	20	36.55	17.40
5/15/2015	21	21.61	17.50
5/15/2015	22	37.72	14.33
5/15/2015	23	19.00	16.02
5/15/2015	24	30.58	97.99
5/16/2015	1	21.38	33.00
5/16/2015	2	19.20	12.55
5/16/2015	3	17.74	17.14
5/16/2015	4	16.11	17.13
5/16/2015	5	18.41	17.00
5/16/2015	6	17.99	17.01
5/16/2015	7	17.38	-5.96
5/16/2015	8	14.76	18.54
5/16/2015	9	17.92	24.29
5/16/2015	10	14.01	30.98
5/16/2015	11	17.17	25.57
5/16/2015	12	17.21	38.07
5/16/2015	13	18.41	32.05
5/16/2015	14	15.12	36.90
5/16/2015	15	17.67	62.51
5/16/2015	16	22.03	42.06
5/16/2015	17	20.77	32.71
5/16/2015	18	19.64	19.74
5/16/2015	19	18.21	17.63
5/16/2015	20	19.72	20.55
5/16/2015	21	24.72	14.24
5/16/2015	22	22.62	22.41
5/16/2015	23	20.22	18.76
5/16/2015	24	21.89	12.82
5/17/2015	1	18.96	21.68
5/17/2015	2	20.23	19.34
5/17/2015	3	17.54	17.79
5/17/2015	4	17.74	17.87
5/17/2015	5	17.87	19.09
5/17/2015	6	18.15	21.48
5/17/2015	7	18.10	18.56
5/17/2015	8	19.64	14.11
5/17/2015	9	20.10	23.81
5/17/2015	10	14.92	30.09

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/17/2015	11	18.29	27.79
5/17/2015	12	20.69	23.37
5/17/2015	13	23.95	25.55
5/17/2015	14	19.98	22.87
5/17/2015	15	19.55	27.97
5/17/2015	16	20.22	32.59
5/17/2015	17	24.77	25.77
5/17/2015	18	23.91	25.82
5/17/2015	19	20.45	13.48
5/17/2015	20	20.81	19.38
5/17/2015	21	21.62	22.74
5/17/2015	22	31.55	33.33
5/17/2015	23	22.73	24.03
5/17/2015	24	53.18	59.06
5/18/2015	1	21.93	23.08
5/18/2015	2	19.99	29.11
5/18/2015	3	18.85	20.96
5/18/2015	4	19.43	21.48
5/18/2015	5	18.30	22.46
5/18/2015	6	19.50	22.01
5/18/2015	7	20.24	24.95
5/18/2015	8	20.86	26.32
5/18/2015	9	16.40	27.34
5/18/2015	10	12.67	32.81
5/18/2015	11	12.10	30.14
5/18/2015	12	13.53	27.98
5/18/2015	13	10.09	27.09
5/18/2015	14	14.79	26.30
5/18/2015	15	20.78	25.64
5/18/2015	16	18.49	23.63
5/18/2015	17	18.87	25.98
5/18/2015	18	34.81	30.88
5/18/2015	19	23.92	22.89
5/18/2015	20	39.34	41.13
5/18/2015	21	24.94	28.09
5/18/2015	22	34.66	35.32
5/18/2015	23	35.60	34.38
5/18/2015	24	22.96	24.21
5/19/2015	1	18.43	24.51
5/19/2015	2	18.39	21.02
5/19/2015	3	17.03	22.64
5/19/2015	4	5.67	98.27
5/19/2015	5	21.17	23.41
5/19/2015	6	18.82	20.15
5/19/2015	7	20.81	22.75
5/19/2015	8	18.57	22.11

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/19/2015	9	17.26	33.34
5/19/2015	10	16.81	33.20
5/19/2015	11	22.41	55.47
5/19/2015	12	19.59	49.60
5/19/2015	13	19.83	26.30
5/19/2015	14	20.77	25.74
5/19/2015	15	20.69	27.04
5/19/2015	16	21.67	26.15
5/19/2015	17	21.27	26.95
5/19/2015	18	21.64	23.77
5/19/2015	19	23.57	25.43
5/19/2015	20	19.04	18.61
5/19/2015	21	16.18	20.31
5/19/2015	22	25.91	25.65
5/19/2015	23	39.32	27.05
5/19/2015	24	37.50	18.19
5/20/2015	1	21.88	22.84
5/20/2015	2	17.53	20.08
5/20/2015	3	16.54	18.77
5/20/2015	4	16.57	18.89
5/20/2015	5	18.31	21.67
5/20/2015	6	19.14	24.28
5/20/2015	7	22.45	25.12
5/20/2015	8	20.44	23.07
5/20/2015	9	23.13	25.09
5/20/2015	10	26.61	28.47
5/20/2015	11	21.03	22.48
5/20/2015	12	23.11	24.40
5/20/2015	13	22.12	23.71
5/20/2015	14	23.76	25.80
5/20/2015	15	21.68	23.20
5/20/2015	16	21.03	24.83
5/20/2015	17	10.16	20.43
5/20/2015	18	19.97	21.81
5/20/2015	19	19.06	19.73
5/20/2015	20	20.16	15.34
5/20/2015	21	19.60	23.76
5/20/2015	22	21.43	19.94
5/20/2015	23	30.34	22.93
5/20/2015	24	24.86	21.79
5/21/2015	1	20.41	23.59
5/21/2015	2	19.24	21.80
5/21/2015	3	19.39	21.99
5/21/2015	4	19.36	22.19
5/21/2015	5	18.59	22.09
5/21/2015	6	19.59	20.39

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/21/2015	7	19.37	20.32
5/21/2015	8	23.26	28.23
5/21/2015	9	20.25	34.76
5/21/2015	10	21.17	29.19
5/21/2015	11	20.43	29.14
5/21/2015	12	19.82	37.01
5/21/2015	13	20.51	31.87
5/21/2015	14	20.12	31.42
5/21/2015	15	20.65	30.44
5/21/2015	16	16.60	31.82
5/21/2015	17	10.75	29.93
5/21/2015	18	21.84	99.22
5/21/2015	19	23.02	24.36
5/21/2015	20	20.11	18.42
5/21/2015	21	22.22	21.57
5/21/2015	22	18.30	18.25
5/21/2015	23	25.19	25.11
5/21/2015	24	19.11	22.61
5/22/2015	1	16.17	18.47
5/22/2015	2	15.70	17.73
5/22/2015	3	15.13	17.55
5/22/2015	4	16.03	18.00
5/22/2015	5	16.85	19.41
5/22/2015	6	19.95	21.45
5/22/2015	7	17.09	18.23
5/22/2015	8	16.97	15.23
5/22/2015	9	18.71	23.77
5/22/2015	10	19.28	26.24
5/22/2015	11	15.33	29.04
5/22/2015	12	14.76	34.16
5/22/2015	13	20.47	30.75
5/22/2015	14	21.35	32.09
5/22/2015	15	21.06	29.08
5/22/2015	16	20.70	31.31
5/22/2015	17	20.40	26.50
5/22/2015	18	15.83	23.57
5/22/2015	19	15.12	14.38
5/22/2015	20	15.40	13.96
5/22/2015	21	18.88	15.19
5/22/2015	22	19.51	16.23
5/22/2015	23	20.92	15.88
5/22/2015	24	20.19	36.94
5/23/2015	1	16.53	19.78
5/23/2015	2	16.41	18.32
5/23/2015	3	17.73	16.57
5/23/2015	4	15.11	16.69

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/23/2015	5	15.92	17.00
5/23/2015	6	14.58	15.94
5/23/2015	7	15.96	15.22
5/23/2015	8	17.24	16.30
5/23/2015	9	11.08	28.32
5/23/2015	10	14.72	28.51
5/23/2015	11	15.52	28.82
5/23/2015	12	18.91	30.66
5/23/2015	13	18.02	35.40
5/23/2015	14	8.84	31.47
5/23/2015	15	12.07	28.02
5/23/2015	16	13.84	29.56
5/23/2015	17	20.39	27.91
5/23/2015	18	17.91	22.74
5/23/2015	19	16.98	20.83
5/23/2015	20	19.64	22.30
5/23/2015	21	21.37	21.77
5/23/2015	22	47.53	38.09
5/23/2015	23	30.15	23.01
5/23/2015	24	20.34	20.21
5/24/2015	1	17.90	17.71
5/24/2015	2	17.70	18.76
5/24/2015	3	15.94	18.33
5/24/2015	4	16.53	3.39
5/24/2015	5	17.76	18.55
5/24/2015	6	15.36	15.12
5/24/2015	7	16.45	15.95
5/24/2015	8	15.98	9.30
5/24/2015	9	15.32	21.02
5/24/2015	10	17.95	20.32
5/24/2015	11	16.59	22.63
5/24/2015	12	19.74	20.76
5/24/2015	13	16.60	27.78
5/24/2015	14	19.17	23.18
5/24/2015	15	19.58	16.47
5/24/2015	16	17.74	5.39
5/24/2015	17	18.22	-13.88
5/24/2015	18	18.66	5.55
5/24/2015	19	18.31	15.80
5/24/2015	20	20.02	14.74
5/24/2015	21	20.29	-2.37
5/24/2015	22	20.71	-7.76
5/24/2015	23	19.69	-0.84
5/24/2015	24	16.62	13.29
5/25/2015	1	15.53	17.16
5/25/2015	2	16.07	18.08

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/25/2015	3	17.01	16.71
5/25/2015	4	16.79	17.24
5/25/2015	5	17.28	17.79
5/25/2015	6	16.53	12.89
5/25/2015	7	1.05	15.94
5/25/2015	8	17.73	19.96
5/25/2015	9	-3.63	21.07
5/25/2015	10	17.00	22.11
5/25/2015	11	22.09	24.29
5/25/2015	12	20.12	22.90
5/25/2015	13	20.68	25.95
5/25/2015	14	19.80	59.55
5/25/2015	15	20.37	23.74
5/25/2015	16	20.72	22.47
5/25/2015	17	19.84	20.79
5/25/2015	18	20.09	22.95
5/25/2015	19	19.79	31.65
5/25/2015	20	29.14	28.95
5/25/2015	21	22.40	27.41
5/25/2015	22	29.23	31.95
5/25/2015	23	26.72	24.84
5/25/2015	24	18.94	20.07
5/26/2015	1	16.55	18.62
5/26/2015	2	16.79	19.30
5/26/2015	3	14.49	16.45
5/26/2015	4	15.80	17.88
5/26/2015	5	16.40	18.36
5/26/2015	6	16.94	17.31
5/26/2015	7	18.78	24.40
5/26/2015	8	21.28	23.35
5/26/2015	9	24.54	28.36
5/26/2015	10	22.53	24.14
5/26/2015	11	27.32	26.86
5/26/2015	12	44.62	47.69
5/26/2015	13	31.14	38.88
5/26/2015	14	22.92	40.97
5/26/2015	15	22.32	44.94
5/26/2015	16	20.53	42.95
5/26/2015	17	24.97	30.28
5/26/2015	18	22.45	25.77
5/26/2015	19	29.19	30.95
5/26/2015	20	24.03	30.45
5/26/2015	21	34.72	40.09
5/26/2015	22	8.55	49.78
5/26/2015	23	42.81	51.61
5/26/2015	24	38.78	31.99

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/27/2015	1	16.61	19.35
5/27/2015	2	17.19	19.96
5/27/2015	3	17.58	28.63
5/27/2015	4	15.56	17.67
5/27/2015	5	16.96	19.34
5/27/2015	6	18.66	20.92
5/27/2015	7	19.87	1.25
5/27/2015	8	25.12	27.85
5/27/2015	9	22.10	30.83
5/27/2015	10	25.89	27.96
5/27/2015	11	52.21	37.01
5/27/2015	12	34.61	38.12
5/27/2015	13	20.90	32.19
5/27/2015	14	18.73	24.32
5/27/2015	15	23.45	26.96
5/27/2015	16	25.84	31.57
5/27/2015	17	49.22	25.57
5/27/2015	18	21.94	22.41
5/27/2015	19	19.48	20.88
5/27/2015	20	20.21	22.75
5/27/2015	21	23.96	24.33
5/27/2015	22	22.48	33.94
5/27/2015	23	18.88	26.69
5/27/2015	24	29.49	24.41
5/28/2015	1	17.18	18.71
5/28/2015	2	16.38	17.97
5/28/2015	3	16.86	19.40
5/28/2015	4	15.49	10.76
5/28/2015	5	17.06	19.42
5/28/2015	6	15.78	17.75
5/28/2015	7	24.73	24.78
5/28/2015	8	37.71	26.17
5/28/2015	9	20.48	27.62
5/28/2015	10	17.73	24.65
5/28/2015	11	20.18	30.30
5/28/2015	12	59.54	35.51
5/28/2015	13	21.53	30.00
5/28/2015	14	20.75	24.77
5/28/2015	15	20.66	25.62
5/28/2015	16	20.56	27.45
5/28/2015	17	23.27	26.62
5/28/2015	18	21.27	24.29
5/28/2015	19	20.25	23.96
5/28/2015	20	24.36	24.42
5/28/2015	21	29.02	27.52
5/28/2015	22	24.85	29.77

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/28/2015	23	24.58	26.61
5/28/2015	24	18.07	23.27
5/29/2015	1	18.02	20.24
5/29/2015	2	17.56	20.71
5/29/2015	3	16.42	17.50
5/29/2015	4	16.08	14.94
5/29/2015	5	16.26	18.18
5/29/2015	6	17.07	19.46
5/29/2015	7	17.77	20.43
5/29/2015	8	17.87	21.05
5/29/2015	9	18.15	20.26
5/29/2015	10	20.75	25.54
5/29/2015	11	22.53	27.17
5/29/2015	12	22.95	29.97
5/29/2015	13	21.22	25.04
5/29/2015	14	19.15	26.41
5/29/2015	15	22.47	28.81
5/29/2015	16	25.60	15.21
5/29/2015	17	22.94	24.52
5/29/2015	18	25.74	26.29
5/29/2015	19	39.20	25.88
5/29/2015	20	27.77	28.41
5/29/2015	21	26.36	27.55
5/29/2015	22	24.32	22.16
5/29/2015	23	18.73	18.73
5/29/2015	24	19.21	11.90
5/30/2015	1	17.52	5.05
5/30/2015	2	17.34	4.09
5/30/2015	3	17.33	0.06
5/30/2015	4	17.39	1.64
5/30/2015	5	16.07	-16.25
5/30/2015	6	8.61	3.05
5/30/2015	7	13.96	3.17
5/30/2015	8	18.57	13.95
5/30/2015	9	18.83	13.50
5/30/2015	10	18.50	19.26
5/30/2015	11	19.31	22.24
5/30/2015	12	18.75	19.87
5/30/2015	13	20.48	23.73
5/30/2015	14	19.96	21.40
5/30/2015	15	19.56	18.26
5/30/2015	16	9.85	17.19
5/30/2015	17	18.77	-3.98
5/30/2015	18	21.52	11.32
5/30/2015	19	19.66	-3.99
5/30/2015	20	20.13	19.53

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
5/30/2015	21	19.25	-0.01
5/30/2015	22	19.25	5.45
5/30/2015	23	18.36	-10.00
5/30/2015	24	21.05	7.26
5/31/2015	1	36.33	16.17
5/31/2015	2	18.60	-13.64
5/31/2015	3	18.89	-2.85
5/31/2015	4	16.78	10.67
5/31/2015	5	18.04	0.57
5/31/2015	6	17.69	-13.76
5/31/2015	7	18.47	14.42
5/31/2015	8	18.97	19.19
5/31/2015	9	18.75	15.87
5/31/2015	10	16.67	17.00
5/31/2015	11	17.95	17.95
5/31/2015	12	18.94	17.78
5/31/2015	13	20.74	22.26
5/31/2015	14	21.03	19.92
5/31/2015	15	19.47	13.79
5/31/2015	16	20.25	-15.29
5/31/2015	17	20.29	-16.39
5/31/2015	18	21.97	-5.06
5/31/2015	19	25.52	-4.64
5/31/2015	20	24.77	13.18
5/31/2015	21	32.82	23.23
5/31/2015	22	19.23	15.44
5/31/2015	23	18.28	1.03
5/31/2015	24	18.32	7.70
6/1/2015	1	13.79	14.20
6/1/2015	2	16.83	15.47
6/1/2015	3	17.32	18.20
6/1/2015	4	7.63	18.43
6/1/2015	5	15.65	17.95
6/1/2015	6	16.01	18.85
6/1/2015	7	12.60	14.70
6/1/2015	8	18.72	20.58
6/1/2015	9	18.11	21.90
6/1/2015	10	19.39	23.00
6/1/2015	11	20.10	26.14
6/1/2015	12	19.80	20.62
6/1/2015	13	20.68	23.19
6/1/2015	14	19.73	20.52
6/1/2015	15	19.98	20.46
6/1/2015	16	20.47	21.16
6/1/2015	17	18.75	15.18
6/1/2015	18	18.99	11.55

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/1/2015	19	1.05	16.42
6/1/2015	20	18.71	13.53
6/1/2015	21	15.39	13.15
6/1/2015	22	15.06	15.32
6/1/2015	23	34.32	42.82
6/1/2015	24	17.45	38.19
6/2/2015	1	15.85	19.43
6/2/2015	2	14.56	18.19
6/2/2015	3	17.64	19.52
6/2/2015	4	14.82	20.04
6/2/2015	5	16.85	21.43
6/2/2015	6	17.45	41.00
6/2/2015	7	17.31	18.77
6/2/2015	8	18.76	14.92
6/2/2015	9	19.63	12.95
6/2/2015	10	20.27	23.39
6/2/2015	11	13.90	30.26
6/2/2015	12	17.93	24.41
6/2/2015	13	19.35	25.37
6/2/2015	14	19.48	24.94
6/2/2015	15	18.89	27.66
6/2/2015	16	17.01	23.96
6/2/2015	17	17.13	25.12
6/2/2015	18	17.28	23.70
6/2/2015	19	17.86	25.98
6/2/2015	20	17.25	34.96
6/2/2015	21	23.05	21.23
6/2/2015	22	13.92	20.79
6/2/2015	23	18.61	20.98
6/2/2015	24	17.70	17.75
6/3/2015	1	18.35	15.87
6/3/2015	2	16.04	17.04
6/3/2015	3	14.77	18.58
6/3/2015	4	16.88	18.52
6/3/2015	5	7.09	18.33
6/3/2015	6	16.50	22.28
6/3/2015	7	-5.20	22.55
6/3/2015	8	17.26	18.37
6/3/2015	9	20.03	23.70
6/3/2015	10	17.19	10.65
6/3/2015	11	17.17	0.51
6/3/2015	12	17.48	30.06
6/3/2015	13	17.86	30.94
6/3/2015	14	20.61	24.15
6/3/2015	15	18.92	10.18
6/3/2015	16	12.94	27.49

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/3/2015	17	14.14	18.35
6/3/2015	18	14.76	24.33
6/3/2015	19	26.26	20.63
6/3/2015	20	17.19	20.03
6/3/2015	21	-7.74	16.90
6/3/2015	22	19.35	10.73
6/3/2015	23	1.51	8.49
6/3/2015	24	36.55	26.42
6/4/2015	1	37.44	81.60
6/4/2015	2	18.87	46.35
6/4/2015	3	18.71	28.98
6/4/2015	4	10.68	193.02
6/4/2015	5	19.60	25.45
6/4/2015	6	18.03	51.26
6/4/2015	7	17.90	34.09
6/4/2015	8	25.06	41.51
6/4/2015	9	21.02	42.16
6/4/2015	10	18.69	41.55
6/4/2015	11	20.19	40.25
6/4/2015	12	21.34	31.51
6/4/2015	13	21.63	38.29
6/4/2015	14	21.03	42.02
6/4/2015	15	20.18	40.97
6/4/2015	16	20.78	40.70
6/4/2015	17	19.92	37.62
6/4/2015	18	20.84	44.97
6/4/2015	19	20.98	36.84
6/4/2015	20	21.67	37.14
6/4/2015	21	20.40	38.75
6/4/2015	22	18.12	34.87
6/4/2015	23	17.58	35.13
6/4/2015	24	18.60	30.81
6/5/2015	1	18.61	23.78
6/5/2015	2	17.22	24.05
6/5/2015	3	5.51	25.63
6/5/2015	4	16.60	20.58
6/5/2015	5	17.43	22.00
6/5/2015	6	16.34	23.55
6/5/2015	7	18.23	22.00
6/5/2015	8	21.56	23.21
6/5/2015	9	18.33	22.11
6/5/2015	10	16.03	23.68
6/5/2015	11	11.38	25.88
6/5/2015	12	17.97	26.52
6/5/2015	13	19.18	27.66
6/5/2015	14	20.70	32.27

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/5/2015	15	21.61	25.48
6/5/2015	16	16.45	28.54
6/5/2015	17	69.27	78.56
6/5/2015	18	21.51	41.17
6/5/2015	19	22.51	28.49
6/5/2015	20	27.80	30.41
6/5/2015	21	25.88	32.34
6/5/2015	22	28.07	30.79
6/5/2015	23	24.10	26.38
6/5/2015	24	22.31	23.20
6/6/2015	1	16.86	19.64
6/6/2015	2	17.18	19.99
6/6/2015	3	17.94	20.37
6/6/2015	4	17.70	19.54
6/6/2015	5	18.13	19.53
6/6/2015	6	18.37	20.01
6/6/2015	7	20.57	23.48
6/6/2015	8	25.22	27.63
6/6/2015	9	19.15	30.59
6/6/2015	10	15.12	31.16
6/6/2015	11	14.51	30.30
6/6/2015	12	21.82	40.31
6/6/2015	13	22.47	37.18
6/6/2015	14	22.46	48.48
6/6/2015	15	13.83	53.07
6/6/2015	16	20.61	36.37
6/6/2015	17	19.98	36.53
6/6/2015	18	20.12	38.18
6/6/2015	19	20.05	39.36
6/6/2015	20	26.10	29.73
6/6/2015	21	26.39	27.43
6/6/2015	22	24.54	27.86
6/6/2015	23	26.16	28.66
6/6/2015	24	24.06	26.20
6/7/2015	1	32.83	28.58
6/7/2015	2	17.58	17.78
6/7/2015	3	19.38	21.26
6/7/2015	4	18.65	20.35
6/7/2015	5	17.35	19.67
6/7/2015	6	17.41	19.25
6/7/2015	7	19.83	24.28
6/7/2015	8	19.53	20.48
6/7/2015	9	18.77	25.31
6/7/2015	10	18.89	24.91
6/7/2015	11	16.06	37.40
6/7/2015	12	19.97	37.31

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/7/2015	13	13.90	38.59
6/7/2015	14	21.14	38.36
6/7/2015	15	20.42	34.50
6/7/2015	16	19.28	37.65
6/7/2015	17	20.53	46.89
6/7/2015	18	22.87	76.57
6/7/2015	19	20.69	79.68
6/7/2015	20	22.15	75.56
6/7/2015	21	21.80	51.90
6/7/2015	22	25.97	47.90
6/7/2015	23	22.99	33.42
6/7/2015	24	20.23	22.25
6/8/2015	1	22.79	23.08
6/8/2015	2	18.57	21.44
6/8/2015	3	16.57	19.54
6/8/2015	4	16.88	19.53
6/8/2015	5	16.78	19.24
6/8/2015	6	18.41	16.37
6/8/2015	7	24.50	26.91
6/8/2015	8	21.70	24.87
6/8/2015	9	30.53	35.01
6/8/2015	10	44.56	53.24
6/8/2015	11	29.33	42.32
6/8/2015	12	33.23	35.69
6/8/2015	13	43.38	47.08
6/8/2015	14	50.82	69.12
6/8/2015	15	44.84	55.62
6/8/2015	16	203.47	389.84
6/8/2015	17	109.21	138.04
6/8/2015	18	40.60	63.47
6/8/2015	19	104.16	244.90
6/8/2015	20	108.47	144.43
6/8/2015	21	26.14	96.25
6/8/2015	22	39.63	44.71
6/8/2015	23	60.35	41.60
6/8/2015	24	8.19	36.40
6/9/2015	1	40.85	39.10
6/9/2015	2	27.10	29.62
6/9/2015	3	21.37	22.72
6/9/2015	4	19.47	20.81
6/9/2015	5	20.69	21.58
6/9/2015	6	20.22	19.40
6/9/2015	7	21.42	22.68
6/9/2015	8	25.97	31.03
6/9/2015	9	33.87	39.36
6/9/2015	10	36.87	39.74

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/9/2015	11	32.54	35.71
6/9/2015	12	37.72	40.75
6/9/2015	13	32.38	41.81
6/9/2015	14	32.19	35.93
6/9/2015	15	37.52	40.85
6/9/2015	16	36.31	36.13
6/9/2015	17	7.04	19.54
6/9/2015	18	19.35	24.73
6/9/2015	19	20.41	22.11
6/9/2015	20	18.75	19.17
6/9/2015	21	20.49	20.65
6/9/2015	22	23.55	20.17
6/9/2015	23	20.00	23.98
6/9/2015	24	18.60	10.61
6/10/2015	1	20.65	20.93
6/10/2015	2	17.74	15.86
6/10/2015	3	17.48	7.33
6/10/2015	4	18.50	16.39
6/10/2015	5	18.51	19.47
6/10/2015	6	17.91	17.40
6/10/2015	7	18.31	20.00
6/10/2015	8	19.69	20.42
6/10/2015	9	21.04	23.34
6/10/2015	10	20.40	25.06
6/10/2015	11	20.17	26.43
6/10/2015	12	19.38	24.08
6/10/2015	13	20.30	22.91
6/10/2015	14	19.94	23.63
6/10/2015	15	19.33	21.49
6/10/2015	16	18.13	22.09
6/10/2015	17	18.68	19.56
6/10/2015	18	18.58	18.73
6/10/2015	19	19.13	19.71
6/10/2015	20	18.42	20.31
6/10/2015	21	22.21	22.81
6/10/2015	22	22.63	23.40
6/10/2015	23	22.27	20.34
6/10/2015	24	20.85	18.66
6/11/2015	1	20.19	22.06
6/11/2015	2	20.01	22.43
6/11/2015	3	19.20	21.07
6/11/2015	4	19.08	22.00
6/11/2015	5	18.58	21.54
6/11/2015	6	20.24	22.51
6/11/2015	7	22.58	24.48
6/11/2015	8	18.39	27.43

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/11/2015	9	19.69	21.92
6/11/2015	10	23.47	28.60
6/11/2015	11	20.50	22.67
6/11/2015	12	21.92	24.56
6/11/2015	13	24.51	28.39
6/11/2015	14	24.96	30.31
6/11/2015	15	25.48	35.48
6/11/2015	16	-0.60	37.09
6/11/2015	17	23.65	25.68
6/11/2015	18	22.62	24.66
6/11/2015	19	25.55	23.41
6/11/2015	20	24.44	19.91
6/11/2015	21	22.36	23.71
6/11/2015	22	24.52	27.27
6/11/2015	23	18.24	22.54
6/11/2015	24	20.27	23.64
6/12/2015	1	27.48	20.91
6/12/2015	2	18.44	19.96
6/12/2015	3	18.25	18.56
6/12/2015	4	17.32	18.27
6/12/2015	5	17.83	18.33
6/12/2015	6	19.73	20.11
6/12/2015	7	22.18	23.17
6/12/2015	8	47.45	28.04
6/12/2015	9	24.06	24.62
6/12/2015	10	28.86	31.74
6/12/2015	11	19.94	24.73
6/12/2015	12	20.69	20.31
6/12/2015	13	18.47	16.76
6/12/2015	14	20.71	8.64
6/12/2015	15	23.23	9.74
6/12/2015	16	20.46	9.70
6/12/2015	17	19.79	17.53
6/12/2015	18	21.84	21.91
6/12/2015	19	21.48	15.60
6/12/2015	20	21.26	6.17
6/12/2015	21	21.64	5.82
6/12/2015	22	19.82	7.77
6/12/2015	23	18.36	11.25
6/12/2015	24	20.52	25.28
6/13/2015	1	24.75	21.00
6/13/2015	2	19.53	20.11
6/13/2015	3	18.04	19.77
6/13/2015	4	17.70	20.12
6/13/2015	5	18.12	18.57
6/13/2015	6	17.20	16.58

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/13/2015	7	18.50	14.95
6/13/2015	8	19.23	11.92
6/13/2015	9	20.02	21.99
6/13/2015	10	19.77	20.71
6/13/2015	11	19.40	21.39
6/13/2015	12	21.02	27.07
6/13/2015	13	21.03	21.95
6/13/2015	14	21.07	25.40
6/13/2015	15	24.80	20.09
6/13/2015	16	23.41	12.23
6/13/2015	17	20.51	17.02
6/13/2015	18	22.13	18.66
6/13/2015	19	20.88	13.60
6/13/2015	20	21.13	13.90
6/13/2015	21	27.65	5.02
6/13/2015	22	25.18	19.41
6/13/2015	23	18.73	19.66
6/13/2015	24	21.75	22.64
6/14/2015	1	21.40	18.40
6/14/2015	2	20.28	21.48
6/14/2015	3	17.81	18.69
6/14/2015	4	17.49	18.25
6/14/2015	5	21.91	18.29
6/14/2015	6	18.27	17.65
6/14/2015	7	19.73	19.02
6/14/2015	8	19.29	11.74
6/14/2015	9	18.86	20.75
6/14/2015	10	20.96	22.36
6/14/2015	11	18.00	19.07
6/14/2015	12	19.32	19.46
6/14/2015	13	18.83	18.88
6/14/2015	14	22.44	21.07
6/14/2015	15	20.27	20.14
6/14/2015	16	19.18	20.05
6/14/2015	17	18.71	18.49
6/14/2015	18	19.58	20.27
6/14/2015	19	20.36	21.51
6/14/2015	20	21.05	22.06
6/14/2015	21	26.77	27.82
6/14/2015	22	33.68	33.05
6/14/2015	23	23.29	26.24
6/14/2015	24	26.80	27.72
6/15/2015	1	57.81	24.69
6/15/2015	2	34.95	24.48
6/15/2015	3	20.63	22.95
6/15/2015	4	18.43	20.64

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/15/2015	5	21.69	22.71
6/15/2015	6	19.97	19.42
6/15/2015	7	19.40	21.26
6/15/2015	8	20.61	21.58
6/15/2015	9	20.88	22.03
6/15/2015	10	19.13	20.36
6/15/2015	11	18.98	20.38
6/15/2015	12	21.21	21.71
6/15/2015	13	21.40	22.34
6/15/2015	14	20.76	24.06
6/15/2015	15	20.66	26.58
6/15/2015	16	-31.89	2.31
6/15/2015	17	-11.60	28.39
6/15/2015	18	13.42	32.33
6/15/2015	19	18.83	38.61
6/15/2015	20	3.18	35.67
6/15/2015	21	20.90	34.58
6/15/2015	22	24.55	30.81
6/15/2015	23	20.61	21.47
6/15/2015	24	23.13	24.25
6/16/2015	1	25.09	27.46
6/16/2015	2	20.84	23.17
6/16/2015	3	15.79	16.79
6/16/2015	4	16.65	18.36
6/16/2015	5	17.89	17.16
6/16/2015	6	17.01	17.44
6/16/2015	7	16.04	20.82
6/16/2015	8	17.33	25.60
6/16/2015	9	20.01	22.14
6/16/2015	10	20.98	23.07
6/16/2015	11	25.32	26.70
6/16/2015	12	34.72	36.65
6/16/2015	13	35.43	34.08
6/16/2015	14	32.14	33.67
6/16/2015	15	32.65	33.93
6/16/2015	16	26.93	26.16
6/16/2015	17	19.08	20.52
6/16/2015	18	21.51	10.58
6/16/2015	19	22.72	13.62
6/16/2015	20	23.35	8.17
6/16/2015	21	25.03	25.25
6/16/2015	22	21.50	33.03
6/16/2015	23	19.84	19.37
6/16/2015	24	18.23	15.64
6/17/2015	1	18.41	17.68
6/17/2015	2	18.05	17.04

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/17/2015	3	17.69	11.27
6/17/2015	4	17.64	19.66
6/17/2015	5	17.65	18.25
6/17/2015	6	18.87	12.85
6/17/2015	7	18.76	19.14
6/17/2015	8	19.47	21.49
6/17/2015	9	24.56	29.17
6/17/2015	10	25.93	44.75
6/17/2015	11	25.32	28.12
6/17/2015	12	26.71	28.35
6/17/2015	13	25.74	28.54
6/17/2015	14	32.42	46.08
6/17/2015	15	27.20	46.61
6/17/2015	16	29.61	55.05
6/17/2015	17	27.77	44.18
6/17/2015	18	30.49	40.42
6/17/2015	19	29.89	40.04
6/17/2015	20	21.28	47.17
6/17/2015	21	39.12	44.05
6/17/2015	22	28.31	43.40
6/17/2015	23	32.22	33.60
6/17/2015	24	15.25	22.75
6/18/2015	1	32.32	29.15
6/18/2015	2	21.30	27.57
6/18/2015	3	20.61	21.11
6/18/2015	4	19.53	20.01
6/18/2015	5	17.66	19.48
6/18/2015	6	19.31	20.43
6/18/2015	7	3.43	24.77
6/18/2015	8	23.32	24.91
6/18/2015	9	23.15	22.62
6/18/2015	10	22.87	25.33
6/18/2015	11	21.85	23.13
6/18/2015	12	21.72	23.69
6/18/2015	13	25.48	28.23
6/18/2015	14	31.83	32.17
6/18/2015	15	22.62	32.87
6/18/2015	16	49.09	46.06
6/18/2015	17	21.00	30.18
6/18/2015	18	36.50	28.44
6/18/2015	19	55.07	47.03
6/18/2015	20	44.88	34.03
6/18/2015	21	75.26	54.81
6/18/2015	22	53.74	40.00
6/18/2015	23	22.17	47.51
6/18/2015	24	25.99	27.61

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/19/2015	1	31.63	31.98
6/19/2015	2	30.89	30.34
6/19/2015	3	24.02	23.49
6/19/2015	4	18.90	19.99
6/19/2015	5	19.19	20.17
6/19/2015	6	19.26	19.86
6/19/2015	7	19.15	20.37
6/19/2015	8	18.71	19.71
6/19/2015	9	17.87	19.65
6/19/2015	10	18.95	20.98
6/19/2015	11	20.43	24.48
6/19/2015	12	23.40	24.89
6/19/2015	13	20.67	27.60
6/19/2015	14	20.30	27.86
6/19/2015	15	22.86	32.67
6/19/2015	16	21.34	34.91
6/19/2015	17	27.45	35.61
6/19/2015	18	26.01	28.96
6/19/2015	19	37.15	41.04
6/19/2015	20	54.56	56.87
6/19/2015	21	30.27	42.34
6/19/2015	22	28.32	41.17
6/19/2015	23	33.56	35.21
6/19/2015	24	37.16	29.82
6/20/2015	1	21.13	22.19
6/20/2015	2	23.24	25.52
6/20/2015	3	20.55	24.42
6/20/2015	4	19.02	24.33
6/20/2015	5	23.38	26.22
6/20/2015	6	22.16	24.76
6/20/2015	7	21.14	22.45
6/20/2015	8	19.03	20.59
6/20/2015	9	20.93	24.92
6/20/2015	10	21.41	26.39
6/20/2015	11	21.11	25.15
6/20/2015	12	20.46	25.25
6/20/2015	13	19.93	24.29
6/20/2015	14	20.64	27.20
6/20/2015	15	22.95	33.44
6/20/2015	16	26.45	33.32
6/20/2015	17	24.90	41.35
6/20/2015	18	42.99	47.39
6/20/2015	19	31.94	30.21
6/20/2015	20	43.42	31.24
6/20/2015	21	24.33	33.14
6/20/2015	22	30.36	34.70

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/20/2015	23	35.51	35.10
6/20/2015	24	24.84	23.90
6/21/2015	1	23.80	24.49
6/21/2015	2	23.97	25.21
6/21/2015	3	22.11	23.54
6/21/2015	4	22.09	24.48
6/21/2015	5	19.08	23.19
6/21/2015	6	21.84	24.04
6/21/2015	7	18.80	20.62
6/21/2015	8	18.17	19.11
6/21/2015	9	21.44	24.97
6/21/2015	10	22.36	27.28
6/21/2015	11	21.27	27.33
6/21/2015	12	23.13	25.69
6/21/2015	13	20.30	25.77
6/21/2015	14	18.86	26.25
6/21/2015	15	20.81	24.62
6/21/2015	16	27.76	23.35
6/21/2015	17	26.95	23.09
6/21/2015	18	22.31	24.93
6/21/2015	19	26.97	28.39
6/21/2015	20	64.95	72.27
6/21/2015	21	40.04	43.73
6/21/2015	22	21.38	45.34
6/21/2015	23	33.94	38.06
6/21/2015	24	22.64	25.83
6/22/2015	1	19.03	18.67
6/22/2015	2	19.23	17.21
6/22/2015	3	17.80	18.72
6/22/2015	4	17.90	19.16
6/22/2015	5	19.68	21.13
6/22/2015	6	20.09	22.00
6/22/2015	7	1.76	22.03
6/22/2015	8	19.31	20.12
6/22/2015	9	19.53	25.48
6/22/2015	10	21.82	29.80
6/22/2015	11	21.51	26.25
6/22/2015	12	22.18	27.31
6/22/2015	13	28.41	29.80
6/22/2015	14	43.86	43.91
6/22/2015	15	24.89	27.47
6/22/2015	16	37.38	29.18
6/22/2015	17	19.91	26.25
6/22/2015	18	72.72	39.47
6/22/2015	19	34.45	30.82
6/22/2015	20	29.66	31.26

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/22/2015	21	33.96	35.06
6/22/2015	22	26.30	35.48
6/22/2015	23	21.25	31.31
6/22/2015	24	19.73	22.91
6/23/2015	1	23.55	23.22
6/23/2015	2	21.99	23.42
6/23/2015	3	18.16	21.19
6/23/2015	4	23.47	22.73
6/23/2015	5	22.31	24.35
6/23/2015	6	21.10	22.94
6/23/2015	7	19.55	22.01
6/23/2015	8	14.65	22.06
6/23/2015	9	19.87	20.25
6/23/2015	10	55.67	36.82
6/23/2015	11	48.87	32.15
6/23/2015	12	42.88	38.14
6/23/2015	13	51.56	43.66
6/23/2015	14	61.11	59.59
6/23/2015	15	54.03	54.02
6/23/2015	16	30.07	30.05
6/23/2015	17	19.74	37.37
6/23/2015	18	23.93	35.73
6/23/2015	19	19.78	30.53
6/23/2015	20	38.75	41.52
6/23/2015	21	39.42	39.40
6/23/2015	22	39.06	36.08
6/23/2015	23	29.19	30.08
6/23/2015	24	25.08	25.79
6/24/2015	1	20.46	22.19
6/24/2015	2	19.59	20.77
6/24/2015	3	17.99	19.54
6/24/2015	4	17.62	19.37
6/24/2015	5	18.04	19.39
6/24/2015	6	17.65	19.50
6/24/2015	7	18.50	20.52
6/24/2015	8	19.09	21.39
6/24/2015	9	19.42	24.43
6/24/2015	10	19.61	26.79
6/24/2015	11	19.73	28.41
6/24/2015	12	26.77	34.45
6/24/2015	13	20.07	35.37
6/24/2015	14	20.30	45.87
6/24/2015	15	21.13	45.91
6/24/2015	16	24.40	42.83
6/24/2015	17	20.18	48.18
6/24/2015	18	22.46	40.99

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/24/2015	19	27.66	29.56
6/24/2015	20	35.52	35.60
6/24/2015	21	34.07	47.66
6/24/2015	22	30.90	33.92
6/24/2015	23	21.21	17.15
6/24/2015	24	23.44	102.25
6/25/2015	1	19.68	20.31
6/25/2015	2	21.02	22.61
6/25/2015	3	21.65	19.65
6/25/2015	4	18.80	24.33
6/25/2015	5	19.03	21.12
6/25/2015	6	19.82	22.08
6/25/2015	7	19.28	22.63
6/25/2015	8	21.39	23.59
6/25/2015	9	18.99	23.33
6/25/2015	10	20.03	24.25
6/25/2015	11	22.94	28.27
6/25/2015	12	26.73	35.95
6/25/2015	13	20.28	36.92
6/25/2015	14	20.70	27.96
6/25/2015	15	20.76	67.62
6/25/2015	16	20.09	72.93
6/25/2015	17	39.53	61.05
6/25/2015	18	28.61	61.81
6/25/2015	19	20.76	61.93
6/25/2015	20	27.11	47.82
6/25/2015	21	29.84	40.44
6/25/2015	22	31.32	37.12
6/25/2015	23	27.37	37.30
6/25/2015	24	24.99	31.98
6/26/2015	1	21.52	24.68
6/26/2015	2	19.49	24.32
6/26/2015	3	19.05	23.14
6/26/2015	4	18.91	21.55
6/26/2015	5	19.08	22.27
6/26/2015	6	19.42	23.07
6/26/2015	7	19.63	25.62
6/26/2015	8	20.16	25.97
6/26/2015	9	19.85	25.29
6/26/2015	10	19.86	32.44
6/26/2015	11	17.28	43.21
6/26/2015	12	22.34	55.33
6/26/2015	13	24.40	91.16
6/26/2015	14	21.33	64.07
6/26/2015	15	21.23	72.86
6/26/2015	16	43.78	114.56

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/26/2015	17	22.61	89.33
6/26/2015	18	21.35	62.03
6/26/2015	19	28.59	50.44
6/26/2015	20	20.59	38.48
6/26/2015	21	24.81	35.39
6/26/2015	22	33.65	44.89
6/26/2015	23	31.03	28.81
6/26/2015	24	25.69	32.34
6/27/2015	1	21.82	17.65
6/27/2015	2	19.66	22.90
6/27/2015	3	18.85	22.17
6/27/2015	4	18.95	17.74
6/27/2015	5	18.19	22.10
6/27/2015	6	17.98	22.72
6/27/2015	7	16.12	20.73
6/27/2015	8	19.49	23.26
6/27/2015	9	21.48	29.28
6/27/2015	10	29.01	35.54
6/27/2015	11	30.93	37.39
6/27/2015	12	23.28	32.38
6/27/2015	13	29.99	40.84
6/27/2015	14	29.91	26.73
6/27/2015	15	27.80	28.08
6/27/2015	16	31.20	26.21
6/27/2015	17	26.74	25.45
6/27/2015	18	21.26	24.35
6/27/2015	19	26.88	27.89
6/27/2015	20	22.67	20.37
6/27/2015	21	39.99	24.48
6/27/2015	22	26.63	19.44
6/27/2015	23	26.11	24.31
6/27/2015	24	30.79	16.12
6/28/2015	1	23.26	10.91
6/28/2015	2	22.90	16.47
6/28/2015	3	25.67	20.92
6/28/2015	4	23.28	17.94
6/28/2015	5	18.79	19.36
6/28/2015	6	19.40	19.40
6/28/2015	7	17.27	17.15
6/28/2015	8	19.73	22.12
6/28/2015	9	23.56	27.65
6/28/2015	10	21.21	37.10
6/28/2015	11	20.06	34.45
6/28/2015	12	20.22	33.34
6/28/2015	13	26.02	36.80
6/28/2015	14	30.90	35.16

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/28/2015	15	21.12	39.11
6/28/2015	16	49.66	43.88
6/28/2015	17	38.77	42.92
6/28/2015	18	48.16	40.74
6/28/2015	19	63.59	44.32
6/28/2015	20	37.59	32.00
6/28/2015	21	51.21	32.62
6/28/2015	22	64.48	31.16
6/28/2015	23	39.18	30.91
6/28/2015	24	27.65	21.78
6/29/2015	1	28.08	26.44
6/29/2015	2	85.49	88.28
6/29/2015	3	42.49	43.72
6/29/2015	4	18.55	20.48
6/29/2015	5	17.72	19.42
6/29/2015	6	19.88	22.84
6/29/2015	7	18.90	26.60
6/29/2015	8	20.46	32.65
6/29/2015	9	42.14	39.66
6/29/2015	10	27.87	32.04
6/29/2015	11	20.31	34.01
6/29/2015	12	20.91	51.21
6/29/2015	13	21.16	40.90
6/29/2015	14	50.34	47.53
6/29/2015	15	52.09	47.79
6/29/2015	16	30.63	89.43
6/29/2015	17	53.65	53.48
6/29/2015	18	59.06	60.46
6/29/2015	19	42.92	47.49
6/29/2015	20	29.55	43.91
6/29/2015	21	36.68	45.31
6/29/2015	22	30.06	39.53
6/29/2015	23	30.46	36.90
6/29/2015	24	34.74	8.57
6/30/2015	1	25.42	22.02
6/30/2015	2	23.72	22.73
6/30/2015	3	18.97	19.72
6/30/2015	4	1.68	0.28
6/30/2015	5	8.93	9.64
6/30/2015	6	17.95	12.97
6/30/2015	7	19.83	20.60
6/30/2015	8	20.56	30.66
6/30/2015	9	26.34	30.00
6/30/2015	10	26.75	35.88
6/30/2015	11	37.17	50.92
6/30/2015	12	23.32	39.76

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
6/30/2015	13	42.85	55.99
6/30/2015	14	42.27	52.52
6/30/2015	15	90.06	105.43
6/30/2015	16	87.72	104.49
6/30/2015	17	61.96	115.48
6/30/2015	18	52.17	41.61
6/30/2015	19	44.18	34.09
6/30/2015	20	55.29	55.56
6/30/2015	21	30.88	38.33
6/30/2015	22	53.13	55.69
6/30/2015	23	28.58	34.28
6/30/2015	24	34.89	30.98
7/1/2015	1	16.39	25.68
7/1/2015	2	23.08	21.60
7/1/2015	3	19.58	5.56
7/1/2015	4	19.15	-8.69
7/1/2015	5	19.30	-3.10
7/1/2015	6	18.75	4.48
7/1/2015	7	18.22	17.63
7/1/2015	8	24.26	21.11
7/1/2015	9	28.69	35.82
7/1/2015	10	34.15	40.07
7/1/2015	11	29.61	46.40
7/1/2015	12	54.18	89.38
7/1/2015	13	40.20	76.24
7/1/2015	14	51.54	44.68
7/1/2015	15	36.46	41.21
7/1/2015	16	36.33	42.70
7/1/2015	17	21.07	40.76
7/1/2015	18	23.38	42.87
7/1/2015	19	49.06	36.52
7/1/2015	20	35.50	37.49
7/1/2015	21	42.20	40.93
7/1/2015	22	81.96	43.70
7/1/2015	23	58.78	55.46
7/1/2015	24	12.98	33.71
7/2/2015	1	38.34	20.98
7/2/2015	2	27.02	27.08
7/2/2015	3	20.69	22.85
7/2/2015	4	19.70	24.51
7/2/2015	5	19.65	24.31
7/2/2015	6	18.85	22.21
7/2/2015	7	18.58	23.91
7/2/2015	8	21.81	21.71
7/2/2015	9	21.26	22.78
7/2/2015	10	21.48	23.48

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/2/2015	11	21.69	27.07
7/2/2015	12	21.12	25.30
7/2/2015	13	27.79	31.17
7/2/2015	14	26.40	36.80
7/2/2015	15	30.31	34.58
7/2/2015	16	35.06	37.94
7/2/2015	17	33.54	35.74
7/2/2015	18	38.34	40.20
7/2/2015	19	31.62	41.52
7/2/2015	20	59.74	43.65
7/2/2015	21	65.34	33.75
7/2/2015	22	52.63	35.03
7/2/2015	23	62.49	30.89
7/2/2015	24	26.68	26.74
7/3/2015	1	27.50	28.01
7/3/2015	2	21.38	22.52
7/3/2015	3	19.14	19.74
7/3/2015	4	16.31	13.31
7/3/2015	5	17.50	16.41
7/3/2015	6	17.03	14.72
7/3/2015	7	16.78	19.16
7/3/2015	8	44.70	34.15
7/3/2015	9	45.75	28.35
7/3/2015	10	27.07	25.72
7/3/2015	11	15.87	25.66
7/3/2015	12	19.94	25.24
7/3/2015	13	20.64	25.28
7/3/2015	14	20.88	26.07
7/3/2015	15	20.72	25.07
7/3/2015	16	23.07	24.26
7/3/2015	17	20.26	23.91
7/3/2015	18	19.49	32.42
7/3/2015	19	20.84	48.15
7/3/2015	20	20.24	29.04
7/3/2015	21	19.83	30.91
7/3/2015	22	23.91	22.14
7/3/2015	23	20.83	24.35
7/3/2015	24	19.30	17.79
7/4/2015	1	17.84	10.04
7/4/2015	2	18.57	5.36
7/4/2015	3	16.49	-9.57
7/4/2015	4	15.83	10.24
7/4/2015	5	17.71	9.73
7/4/2015	6	16.78	13.79
7/4/2015	7	18.49	19.58
7/4/2015	8	17.89	15.81

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/4/2015	9	18.09	16.60
7/4/2015	10	18.79	15.35
7/4/2015	11	20.03	23.83
7/4/2015	12	20.27	23.65
7/4/2015	13	20.07	23.62
7/4/2015	14	23.13	24.35
7/4/2015	15	22.75	24.13
7/4/2015	16	29.18	29.61
7/4/2015	17	26.13	27.12
7/4/2015	18	22.97	24.13
7/4/2015	19	21.24	23.55
7/4/2015	20	24.62	22.05
7/4/2015	21	24.65	23.02
7/4/2015	22	27.39	24.17
7/4/2015	23	18.81	7.27
7/4/2015	24	18.17	7.03
7/5/2015	1	23.85	14.67
7/5/2015	2	17.91	11.33
7/5/2015	3	17.16	-13.93
7/5/2015	4	16.72	16.90
7/5/2015	5	16.71	17.64
7/5/2015	6	18.30	16.81
7/5/2015	7	17.65	17.07
7/5/2015	8	17.68	7.27
7/5/2015	9	17.32	18.22
7/5/2015	10	14.41	16.75
7/5/2015	11	17.11	18.20
7/5/2015	12	19.97	21.50
7/5/2015	13	22.48	23.24
7/5/2015	14	41.46	24.79
7/5/2015	15	22.66	23.12
7/5/2015	16	20.07	13.63
7/5/2015	17	27.41	8.87
7/5/2015	18	70.97	18.82
7/5/2015	19	21.36	12.24
7/5/2015	20	38.42	19.58
7/5/2015	21	30.50	20.98
7/5/2015	22	31.80	23.68
7/5/2015	23	34.23	20.03
7/5/2015	24	26.97	23.22
7/6/2015	1	22.00	16.41
7/6/2015	2	21.31	23.64
7/6/2015	3	18.93	22.24
7/6/2015	4	19.47	19.06
7/6/2015	5	18.93	22.13
7/6/2015	6	22.05	23.28

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/6/2015	7	21.60	23.39
7/6/2015	8	25.12	30.69
7/6/2015	9	26.27	27.89
7/6/2015	10	25.88	27.61
7/6/2015	11	22.92	27.16
7/6/2015	12	25.79	27.77
7/6/2015	13	36.59	30.53
7/6/2015	14	28.54	30.79
7/6/2015	15	36.17	33.98
7/6/2015	16	30.98	36.49
7/6/2015	17	33.90	35.60
7/6/2015	18	22.78	37.00
7/6/2015	19	27.18	34.35
7/6/2015	20	29.77	31.58
7/6/2015	21	37.85	30.67
7/6/2015	22	34.70	33.11
7/6/2015	23	31.70	31.42
7/6/2015	24	24.18	25.51
7/7/2015	1	21.33	24.16
7/7/2015	2	19.59	24.87
7/7/2015	3	18.16	21.43
7/7/2015	4	16.76	21.41
7/7/2015	5	16.69	20.35
7/7/2015	6	18.07	17.57
7/7/2015	7	18.31	14.86
7/7/2015	8	21.31	14.17
7/7/2015	9	19.40	19.45
7/7/2015	10	20.32	18.28
7/7/2015	11	20.86	22.15
7/7/2015	12	20.14	21.46
7/7/2015	13	21.73	23.12
7/7/2015	14	22.29	24.29
7/7/2015	15	20.08	22.79
7/7/2015	16	17.65	24.36
7/7/2015	17	21.13	21.13
7/7/2015	18	28.40	21.14
7/7/2015	19	34.92	23.68
7/7/2015	20	29.92	24.66
7/7/2015	21	30.25	26.88
7/7/2015	22	29.68	29.70
7/7/2015	23	26.19	26.26
7/7/2015	24	25.17	26.59
7/8/2015	1	24.28	24.09
7/8/2015	2	20.15	19.49
7/8/2015	3	18.27	19.20
7/8/2015	4	21.02	21.30

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/8/2015	5	20.00	14.63
7/8/2015	6	19.75	18.40
7/8/2015	7	19.43	21.93
7/8/2015	8	24.14	26.72
7/8/2015	9	23.09	24.48
7/8/2015	10	19.78	29.27
7/8/2015	11	18.63	25.92
7/8/2015	12	19.68	25.65
7/8/2015	13	21.85	24.03
7/8/2015	14	25.30	28.61
7/8/2015	15	24.08	26.50
7/8/2015	16	28.27	25.82
7/8/2015	17	26.98	22.59
7/8/2015	18	46.58	20.53
7/8/2015	19	28.40	25.13
7/8/2015	20	31.65	24.24
7/8/2015	21	29.54	24.27
7/8/2015	22	31.95	26.41
7/8/2015	23	26.90	25.53
7/8/2015	24	19.81	26.81
7/9/2015	1	19.31	19.92
7/9/2015	2	18.12	19.68
7/9/2015	3	16.68	17.44
7/9/2015	4	16.61	19.00
7/9/2015	5	16.77	19.53
7/9/2015	6	16.70	19.15
7/9/2015	7	21.45	18.97
7/9/2015	8	20.09	12.52
7/9/2015	9	20.34	32.20
7/9/2015	10	27.82	34.39
7/9/2015	11	24.38	34.11
7/9/2015	12	22.84	46.21
7/9/2015	13	25.05	36.62
7/9/2015	14	24.46	27.37
7/9/2015	15	23.34	27.08
7/9/2015	16	21.48	23.98
7/9/2015	17	18.35	24.50
7/9/2015	18	19.90	26.17
7/9/2015	19	22.85	24.77
7/9/2015	20	25.66	24.03
7/9/2015	21	23.90	31.12
7/9/2015	22	21.15	44.53
7/9/2015	23	41.38	38.81
7/9/2015	24	24.72	26.15
7/10/2015	1	54.63	85.52
7/10/2015	2	18.62	21.62

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/10/2015	3	20.05	21.77
7/10/2015	4	18.49	20.06
7/10/2015	5	18.40	19.96
7/10/2015	6	17.74	19.96
7/10/2015	7	20.27	22.22
7/10/2015	8	20.83	22.61
7/10/2015	9	17.57	21.29
7/10/2015	10	16.72	20.38
7/10/2015	11	20.09	21.34
7/10/2015	12	21.01	22.51
7/10/2015	13	20.47	21.46
7/10/2015	14	20.68	22.26
7/10/2015	15	21.56	22.84
7/10/2015	16	22.92	24.85
7/10/2015	17	22.72	24.43
7/10/2015	18	22.20	23.40
7/10/2015	19	21.64	22.86
7/10/2015	20	21.63	22.67
7/10/2015	21	25.75	27.36
7/10/2015	22	26.42	27.80
7/10/2015	23	28.54	30.33
7/10/2015	24	19.52	20.71
7/11/2015	1	23.90	27.66
7/11/2015	2	18.73	19.30
7/11/2015	3	16.25	19.46
7/11/2015	4	16.30	19.38
7/11/2015	5	16.65	19.88
7/11/2015	6	16.31	19.09
7/11/2015	7	17.63	18.35
7/11/2015	8	17.35	18.02
7/11/2015	9	16.80	19.17
7/11/2015	10	19.78	22.32
7/11/2015	11	20.65	21.99
7/11/2015	12	21.80	32.15
7/11/2015	13	19.75	23.45
7/11/2015	14	18.87	24.76
7/11/2015	15	19.61	22.91
7/11/2015	16	20.35	21.54
7/11/2015	17	24.02	25.30
7/11/2015	18	22.94	24.17
7/11/2015	19	23.01	23.23
7/11/2015	20	24.09	23.67
7/11/2015	21	18.58	18.82
7/11/2015	22	19.08	20.71
7/11/2015	23	28.55	30.14
7/11/2015	24	18.88	19.78

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/12/2015	1	18.23	17.53
7/12/2015	2	17.03	14.54
7/12/2015	3	16.03	12.75
7/12/2015	4	17.21	17.64
7/12/2015	5	15.53	17.82
7/12/2015	6	16.75	17.56
7/12/2015	7	19.32	21.02
7/12/2015	8	18.86	19.59
7/12/2015	9	20.05	21.83
7/12/2015	10	19.90	21.78
7/12/2015	11	20.20	23.94
7/12/2015	12	20.26	21.90
7/12/2015	13	20.20	21.50
7/12/2015	14	20.80	23.59
7/12/2015	15	21.56	24.19
7/12/2015	16	20.55	27.05
7/12/2015	17	21.01	23.11
7/12/2015	18	20.32	9.95
7/12/2015	19	39.11	25.43
7/12/2015	20	29.15	45.64
7/12/2015	21	35.33	22.26
7/12/2015	22	34.32	33.85
7/12/2015	23	21.42	22.06
7/12/2015	24	17.73	20.42
7/13/2015	1	19.39	19.68
7/13/2015	2	15.49	18.07
7/13/2015	3	17.19	19.82
7/13/2015	4	15.67	18.13
7/13/2015	5	21.09	22.08
7/13/2015	6	16.35	18.03
7/13/2015	7	16.90	18.77
7/13/2015	8	19.63	27.16
7/13/2015	9	20.75	25.42
7/13/2015	10	20.87	29.93
7/13/2015	11	20.37	21.64
7/13/2015	12	21.96	22.56
7/13/2015	13	22.86	37.93
7/13/2015	14	18.02	37.53
7/13/2015	15	20.59	30.88
7/13/2015	16	21.57	25.45
7/13/2015	17	19.27	8.92
7/13/2015	18	21.42	23.58
7/13/2015	19	42.15	36.96
7/13/2015	20	41.51	34.19
7/13/2015	21	21.49	20.40
7/13/2015	22	18.77	14.34

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/13/2015	23	18.97	20.81
7/13/2015	24	22.10	23.40
7/14/2015	1	21.49	26.93
7/14/2015	2	-1.33	19.28
7/14/2015	3	-12.70	19.88
7/14/2015	4	16.51	19.22
7/14/2015	5	19.09	19.68
7/14/2015	6	21.06	21.93
7/14/2015	7	13.62	22.31
7/14/2015	8	3.25	23.95
7/14/2015	9	22.86	23.91
7/14/2015	10	21.17	23.58
7/14/2015	11	22.10	23.33
7/14/2015	12	24.41	25.01
7/14/2015	13	25.44	25.82
7/14/2015	14	26.07	26.89
7/14/2015	15	23.33	25.50
7/14/2015	16	29.26	28.43
7/14/2015	17	27.94	26.84
7/14/2015	18	25.78	25.41
7/14/2015	19	33.60	29.28
7/14/2015	20	31.60	25.56
7/14/2015	21	26.98	22.44
7/14/2015	22	30.03	21.96
7/14/2015	23	24.10	29.97
7/14/2015	24	24.07	26.92
7/15/2015	1	32.62	18.11
7/15/2015	2	17.58	19.26
7/15/2015	3	15.83	16.40
7/15/2015	4	17.50	18.93
7/15/2015	5	18.22	19.79
7/15/2015	6	16.95	18.29
7/15/2015	7	17.41	17.48
7/15/2015	8	2.78	3.07
7/15/2015	9	17.54	18.06
7/15/2015	10	20.92	20.93
7/15/2015	11	19.94	21.95
7/15/2015	12	18.52	22.51
7/15/2015	13	22.01	24.93
7/15/2015	14	24.11	27.15
7/15/2015	15	24.04	26.06
7/15/2015	16	38.63	28.14
7/15/2015	17	21.93	29.16
7/15/2015	18	25.50	29.01
7/15/2015	19	22.19	32.03
7/15/2015	20	38.56	29.79

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/15/2015	21	22.45	24.64
7/15/2015	22	30.56	25.93
7/15/2015	23	21.48	13.75
7/15/2015	24	19.73	16.97
7/16/2015	1	22.30	24.42
7/16/2015	2	21.95	23.24
7/16/2015	3	15.12	18.39
7/16/2015	4	16.37	18.11
7/16/2015	5	16.56	19.02
7/16/2015	6	17.65	16.26
7/16/2015	7	18.28	18.53
7/16/2015	8	18.42	18.43
7/16/2015	9	19.00	19.70
7/16/2015	10	20.19	20.93
7/16/2015	11	20.16	23.28
7/16/2015	12	19.01	21.73
7/16/2015	13	21.27	24.10
7/16/2015	14	21.32	26.17
7/16/2015	15	23.58	22.85
7/16/2015	16	21.83	25.04
7/16/2015	17	24.24	28.04
7/16/2015	18	22.33	27.11
7/16/2015	19	34.52	32.16
7/16/2015	20	42.40	41.95
7/16/2015	21	30.28	27.37
7/16/2015	22	26.37	22.23
7/16/2015	23	19.85	19.26
7/16/2015	24	22.51	23.61
7/17/2015	1	19.95	15.50
7/17/2015	2	18.59	19.85
7/17/2015	3	16.30	17.11
7/17/2015	4	15.54	4.92
7/17/2015	5	17.81	12.41
7/17/2015	6	17.98	10.30
7/17/2015	7	17.22	17.37
7/17/2015	8	18.06	18.02
7/17/2015	9	18.62	16.29
7/17/2015	10	16.64	13.06
7/17/2015	11	20.88	20.84
7/17/2015	12	20.60	21.89
7/17/2015	13	24.12	25.50
7/17/2015	14	26.59	29.15
7/17/2015	15	28.82	27.68
7/17/2015	16	29.92	28.89
7/17/2015	17	35.46	33.64
7/17/2015	18	40.37	40.44

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/17/2015	19	51.91	50.91
7/17/2015	20	41.54	47.46
7/17/2015	21	29.19	33.15
7/17/2015	22	41.33	38.35
7/17/2015	23	43.35	31.30
7/17/2015	24	47.61	31.38
7/18/2015	1	20.04	11.37
7/18/2015	2	33.54	27.57
7/18/2015	3	34.08	18.54
7/18/2015	4	36.58	19.76
7/18/2015	5	17.34	18.19
7/18/2015	6	16.88	2.60
7/18/2015	7	17.09	17.40
7/18/2015	8	19.18	19.60
7/18/2015	9	20.31	21.51
7/18/2015	10	19.18	19.65
7/18/2015	11	21.74	22.55
7/18/2015	12	26.55	26.34
7/18/2015	13	22.59	18.74
7/18/2015	14	24.88	22.52
7/18/2015	15	21.15	18.67
7/18/2015	16	29.69	23.76
7/18/2015	17	24.00	21.35
7/18/2015	18	25.41	22.30
7/18/2015	19	26.07	23.47
7/18/2015	20	25.04	22.67
7/18/2015	21	26.71	23.51
7/18/2015	22	26.46	24.22
7/18/2015	23	20.78	21.91
7/18/2015	24	33.70	10.97
7/19/2015	1	19.33	17.79
7/19/2015	2	21.36	19.03
7/19/2015	3	40.54	22.01
7/19/2015	4	33.55	21.90
7/19/2015	5	17.12	19.56
7/19/2015	6	16.83	18.99
7/19/2015	7	18.52	18.10
7/19/2015	8	16.89	20.95
7/19/2015	9	20.02	20.33
7/19/2015	10	19.70	24.69
7/19/2015	11	28.95	33.79
7/19/2015	12	28.92	31.60
7/19/2015	13	20.56	21.13
7/19/2015	14	22.54	20.42
7/19/2015	15	42.09	47.79
7/19/2015	16	38.66	43.97

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/19/2015	17	30.92	30.90
7/19/2015	18	23.86	24.65
7/19/2015	19	30.50	31.76
7/19/2015	20	24.67	26.40
7/19/2015	21	31.27	36.65
7/19/2015	22	30.87	36.57
7/19/2015	23	21.57	23.06
7/19/2015	24	22.42	22.99
7/20/2015	1	17.07	17.70
7/20/2015	2	17.99	18.08
7/20/2015	3	17.81	2.81
7/20/2015	4	16.87	17.65
7/20/2015	5	17.72	17.46
7/20/2015	6	16.12	17.47
7/20/2015	7	17.55	17.01
7/20/2015	8	17.39	17.03
7/20/2015	9	18.29	17.72
7/20/2015	10	17.96	19.57
7/20/2015	11	17.95	18.61
7/20/2015	12	18.64	18.84
7/20/2015	13	19.32	19.61
7/20/2015	14	19.41	18.36
7/20/2015	15	29.01	34.36
7/20/2015	16	22.85	23.74
7/20/2015	17	21.95	22.34
7/20/2015	18	66.13	32.91
7/20/2015	19	19.91	20.44
7/20/2015	20	20.10	21.20
7/20/2015	21	21.20	23.15
7/20/2015	22	19.65	21.17
7/20/2015	23	23.72	22.22
7/20/2015	24	40.21	27.14
7/21/2015	1	18.26	19.15
7/21/2015	2	22.19	22.53
7/21/2015	3	16.22	19.00
7/21/2015	4	17.08	18.83
7/21/2015	5	16.29	18.34
7/21/2015	6	16.44	16.75
7/21/2015	7	17.05	17.87
7/21/2015	8	16.56	16.91
7/21/2015	9	17.67	17.75
7/21/2015	10	16.81	18.75
7/21/2015	11	18.26	18.92
7/21/2015	12	18.68	18.85
7/21/2015	13	19.81	20.59
7/21/2015	14	19.84	17.92

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/21/2015	15	29.45	28.85
7/21/2015	16	22.98	17.32
7/21/2015	17	18.97	10.85
7/21/2015	18	25.97	5.98
7/21/2015	19	17.77	8.26
7/21/2015	20	28.17	23.06
7/21/2015	21	17.20	12.53
7/21/2015	22	18.00	13.20
7/21/2015	23	24.67	6.84
7/21/2015	24	18.17	11.24
7/22/2015	1	18.01	11.96
7/22/2015	2	16.61	13.65
7/22/2015	3	16.14	12.49
7/22/2015	4	16.68	12.00
7/22/2015	5	16.15	13.07
7/22/2015	6	17.75	10.37
7/22/2015	7	9.19	3.15
7/22/2015	8	17.58	9.89
7/22/2015	9	17.88	16.50
7/22/2015	10	18.94	17.77
7/22/2015	11	19.45	20.20
7/22/2015	12	21.27	21.23
7/22/2015	13	21.42	20.03
7/22/2015	14	23.84	18.70
7/22/2015	15	20.64	20.70
7/22/2015	16	36.21	13.12
7/22/2015	17	26.91	18.51
7/22/2015	18	24.95	21.34
7/22/2015	19	23.99	10.98
7/22/2015	20	17.92	3.89
7/22/2015	21	26.15	22.89
7/22/2015	22	23.12	13.80
7/22/2015	23	20.63	-6.39
7/22/2015	24	17.94	8.04
7/23/2015	1	35.20	17.03
7/23/2015	2	18.30	19.39
7/23/2015	3	17.99	19.48
7/23/2015	4	18.59	19.67
7/23/2015	5	18.18	19.49
7/23/2015	6	18.47	16.74
7/23/2015	7	18.17	19.11
7/23/2015	8	28.77	26.78
7/23/2015	9	26.28	30.67
7/23/2015	10	21.51	22.07
7/23/2015	11	16.65	18.06
7/23/2015	12	17.24	19.23

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/23/2015	13	30.85	22.33
7/23/2015	14	19.79	23.08
7/23/2015	15	22.07	22.95
7/23/2015	16	32.99	22.72
7/23/2015	17	45.49	26.27
7/23/2015	18	25.47	25.75
7/23/2015	19	31.08	24.80
7/23/2015	20	24.88	25.25
7/23/2015	21	38.80	28.80
7/23/2015	22	27.12	34.75
7/23/2015	23	23.52	21.87
7/23/2015	24	23.74	22.24
7/24/2015	1	18.77	15.94
7/24/2015	2	18.32	13.73
7/24/2015	3	18.31	15.67
7/24/2015	4	18.73	10.65
7/24/2015	5	19.32	20.54
7/24/2015	6	19.60	21.54
7/24/2015	7	19.64	20.23
7/24/2015	8	18.23	7.49
7/24/2015	9	17.89	14.32
7/24/2015	10	20.06	21.81
7/24/2015	11	18.93	19.44
7/24/2015	12	19.72	20.46
7/24/2015	13	20.17	19.09
7/24/2015	14	19.64	21.71
7/24/2015	15	19.45	23.13
7/24/2015	16	20.72	22.30
7/24/2015	17	27.50	24.98
7/24/2015	18	24.79	27.76
7/24/2015	19	37.41	31.85
7/24/2015	20	51.31	31.82
7/24/2015	21	18.29	35.62
7/24/2015	22	17.13	29.26
7/24/2015	23	26.77	22.78
7/24/2015	24	23.05	9.97
7/25/2015	1	21.40	18.76
7/25/2015	2	18.83	26.08
7/25/2015	3	18.71	19.25
7/25/2015	4	22.88	19.47
7/25/2015	5	77.21	19.26
7/25/2015	6	50.58	18.50
7/25/2015	7	15.52	16.04
7/25/2015	8	20.29	17.26
7/25/2015	9	18.12	18.11
7/25/2015	10	18.78	18.80

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/25/2015	11	18.38	19.11
7/25/2015	12	18.83	19.78
7/25/2015	13	19.63	20.76
7/25/2015	14	18.88	18.63
7/25/2015	15	16.61	21.44
7/25/2015	16	23.00	23.97
7/25/2015	17	20.99	20.82
7/25/2015	18	20.67	19.07
7/25/2015	19	29.20	16.48
7/25/2015	20	27.95	23.59
7/25/2015	21	47.14	25.75
7/25/2015	22	23.22	22.35
7/25/2015	23	18.48	7.18
7/25/2015	24	28.77	10.88
7/26/2015	1	17.16	11.28
7/26/2015	2	18.80	14.91
7/26/2015	3	17.27	17.83
7/26/2015	4	18.93	10.06
7/26/2015	5	2.11	19.15
7/26/2015	6	17.36	19.11
7/26/2015	7	-15.28	14.77
7/26/2015	8	15.41	8.82
7/26/2015	9	16.63	14.48
7/26/2015	10	16.97	16.67
7/26/2015	11	-0.33	17.92
7/26/2015	12	15.54	16.40
7/26/2015	13	17.75	19.52
7/26/2015	14	17.39	20.09
7/26/2015	15	19.73	20.79
7/26/2015	16	20.31	20.45
7/26/2015	17	21.75	21.12
7/26/2015	18	24.48	19.85
7/26/2015	19	47.43	20.95
7/26/2015	20	23.32	18.84
7/26/2015	21	20.26	17.25
7/26/2015	22	23.14	23.20
7/26/2015	23	19.94	6.36
7/26/2015	24	18.54	19.00
7/27/2015	1	18.35	34.04
7/27/2015	2	21.12	22.08
7/27/2015	3	17.98	19.01
7/27/2015	4	18.27	18.91
7/27/2015	5	16.20	17.56
7/27/2015	6	16.75	18.73
7/27/2015	7	17.71	18.68
7/27/2015	8	17.45	13.94

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/27/2015	9	18.26	20.23
7/27/2015	10	15.65	25.33
7/27/2015	11	14.37	21.09
7/27/2015	12	10.75	20.03
7/27/2015	13	19.92	22.40
7/27/2015	14	25.73	23.14
7/27/2015	15	19.02	22.81
7/27/2015	16	23.68	17.05
7/27/2015	17	19.84	25.00
7/27/2015	18	38.10	25.64
7/27/2015	19	27.29	27.02
7/27/2015	20	39.49	22.10
7/27/2015	21	29.16	24.50
7/27/2015	22	31.12	22.54
7/27/2015	23	23.73	16.91
7/27/2015	24	24.06	20.54
7/28/2015	1	21.41	21.05
7/28/2015	2	36.05	34.34
7/28/2015	3	18.54	18.54
7/28/2015	4	17.37	18.10
7/28/2015	5	18.73	20.50
7/28/2015	6	18.93	20.56
7/28/2015	7	17.65	17.88
7/28/2015	8	19.21	16.20
7/28/2015	9	21.36	20.42
7/28/2015	10	20.04	16.86
7/28/2015	11	18.89	19.72
7/28/2015	12	19.80	23.91
7/28/2015	13	18.13	20.66
7/28/2015	14	19.44	20.76
7/28/2015	15	23.08	25.16
7/28/2015	16	40.45	39.39
7/28/2015	17	23.44	17.75
7/28/2015	18	33.09	30.66
7/28/2015	19	39.45	33.37
7/28/2015	20	36.90	30.81
7/28/2015	21	36.88	30.72
7/28/2015	22	32.99	35.47
7/28/2015	23	18.90	6.95
7/28/2015	24	22.58	24.35
7/29/2015	1	21.83	20.18
7/29/2015	2	26.63	28.07
7/29/2015	3	24.76	23.51
7/29/2015	4	20.53	24.32
7/29/2015	5	21.33	25.27
7/29/2015	6	19.16	14.81

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/29/2015	7	23.67	25.68
7/29/2015	8	21.32	26.58
7/29/2015	9	19.60	26.22
7/29/2015	10	19.78	29.61
7/29/2015	11	20.97	30.87
7/29/2015	12	49.57	56.41
7/29/2015	13	29.91	36.04
7/29/2015	14	18.04	34.34
7/29/2015	15	40.86	47.62
7/29/2015	16	44.00	61.89
7/29/2015	17	54.84	66.77
7/29/2015	18	224.19	239.72
7/29/2015	19	52.34	56.51
7/29/2015	20	38.63	47.64
7/29/2015	21	41.88	45.26
7/29/2015	22	-5.63	42.10
7/29/2015	23	60.91	65.87
7/29/2015	24	23.47	25.27
7/30/2015	1	36.65	17.98
7/30/2015	2	19.98	23.93
7/30/2015	3	19.78	22.01
7/30/2015	4	17.64	14.60
7/30/2015	5	21.53	18.49
7/30/2015	6	21.10	20.81
7/30/2015	7	19.95	19.08
7/30/2015	8	20.33	14.54
7/30/2015	9	42.40	18.97
7/30/2015	10	20.05	21.37
7/30/2015	11	25.16	24.53
7/30/2015	12	28.62	28.83
7/30/2015	13	27.80	25.97
7/30/2015	14	33.30	37.82
7/30/2015	15	41.46	40.51
7/30/2015	16	55.86	48.19
7/30/2015	17	70.17	50.60
7/30/2015	18	43.73	43.69
7/30/2015	19	59.11	43.47
7/30/2015	20	38.82	37.18
7/30/2015	21	35.96	43.30
7/30/2015	22	35.04	34.49
7/30/2015	23	27.36	28.15
7/30/2015	24	58.65	66.83
7/31/2015	1	46.60	41.60
7/31/2015	2	57.07	19.58
7/31/2015	3	38.25	23.38
7/31/2015	4	20.54	22.17

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
7/31/2015	5	18.63	15.71
7/31/2015	6	19.58	22.73
7/31/2015	7	19.66	23.46
7/31/2015	8	26.18	18.35
7/31/2015	9	19.72	20.94
7/31/2015	10	22.01	23.32
7/31/2015	11	26.70	23.70
7/31/2015	12	23.68	23.87
7/31/2015	13	29.53	28.32
7/31/2015	14	42.48	40.77
7/31/2015	15	37.05	30.74
7/31/2015	16	35.04	21.39
7/31/2015	17	39.11	25.17
7/31/2015	18	42.30	26.77
7/31/2015	19	38.88	24.48
7/31/2015	20	27.85	21.82
7/31/2015	21	19.71	27.97
7/31/2015	22	30.18	27.84
7/31/2015	23	19.69	21.80
7/31/2015	24	33.61	19.00
8/1/2015	1	29.98	20.71
8/1/2015	2	27.13	25.06
8/1/2015	3	19.19	22.33
8/1/2015	4	18.96	27.57
8/1/2015	5	18.07	21.26
8/1/2015	6	18.55	17.14
8/1/2015	7	19.40	25.54
8/1/2015	8	20.28	22.67
8/1/2015	9	19.21	26.71
8/1/2015	10	25.43	30.47
8/1/2015	11	25.75	31.94
8/1/2015	12	30.94	34.23
8/1/2015	13	41.19	35.96
8/1/2015	14	34.23	32.29
8/1/2015	15	56.78	32.68
8/1/2015	16	45.55	36.08
8/1/2015	17	39.60	40.24
8/1/2015	18	55.82	41.33
8/1/2015	19	45.44	36.40
8/1/2015	20	20.05	39.57
8/1/2015	21	25.17	47.52
8/1/2015	22	30.16	39.54
8/1/2015	23	27.79	35.51
8/1/2015	24	23.59	27.54
8/2/2015	1	20.00	26.62
8/2/2015	2	24.02	25.93

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/2/2015	3	19.61	23.66
8/2/2015	4	19.25	23.30
8/2/2015	5	18.92	21.18
8/2/2015	6	19.07	23.57
8/2/2015	7	19.17	21.61
8/2/2015	8	26.09	19.87
8/2/2015	9	22.60	24.46
8/2/2015	10	22.61	24.66
8/2/2015	11	22.38	24.86
8/2/2015	12	33.38	25.26
8/2/2015	13	28.07	26.44
8/2/2015	14	26.62	27.81
8/2/2015	15	28.62	29.62
8/2/2015	16	23.10	24.51
8/2/2015	17	26.39	22.44
8/2/2015	18	23.35	25.43
8/2/2015	19	20.97	25.61
8/2/2015	20	19.44	25.60
8/2/2015	21	33.26	29.51
8/2/2015	22	26.73	30.90
8/2/2015	23	26.91	28.34
8/2/2015	24	22.92	24.10
8/3/2015	1	36.10	19.91
8/3/2015	2	19.21	21.65
8/3/2015	3	18.94	21.25
8/3/2015	4	16.68	16.92
8/3/2015	5	18.31	18.98
8/3/2015	6	16.55	1.81
8/3/2015	7	31.16	22.68
8/3/2015	8	26.27	23.85
8/3/2015	9	38.90	18.68
8/3/2015	10	17.85	16.36
8/3/2015	11	17.12	16.78
8/3/2015	12	19.13	-28.04
8/3/2015	13	19.07	1.58
8/3/2015	14	26.26	23.76
8/3/2015	15	30.08	26.34
8/3/2015	16	24.44	22.81
8/3/2015	17	19.04	19.11
8/3/2015	18	31.17	22.11
8/3/2015	19	33.63	28.57
8/3/2015	20	38.09	31.85
8/3/2015	21	22.99	29.15
8/3/2015	22	62.71	29.53
8/3/2015	23	24.81	25.98
8/3/2015	24	21.73	22.59

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/4/2015	1	24.52	23.87
8/4/2015	2	24.55	26.00
8/4/2015	3	20.92	22.10
8/4/2015	4	15.12	16.20
8/4/2015	5	19.60	20.67
8/4/2015	6	21.62	22.71
8/4/2015	7	17.25	18.36
8/4/2015	8	20.43	20.59
8/4/2015	9	23.18	24.97
8/4/2015	10	22.22	23.56
8/4/2015	11	19.97	20.71
8/4/2015	12	19.24	19.87
8/4/2015	13	21.26	16.85
8/4/2015	14	25.60	24.48
8/4/2015	15	28.23	25.57
8/4/2015	16	24.47	19.56
8/4/2015	17	22.80	2.61
8/4/2015	18	21.06	3.58
8/4/2015	19	22.22	11.81
8/4/2015	20	35.97	24.06
8/4/2015	21	38.94	27.15
8/4/2015	22	31.84	26.49
8/4/2015	23	29.74	18.82
8/4/2015	24	25.16	26.05
8/5/2015	1	23.32	24.90
8/5/2015	2	26.84	29.28
8/5/2015	3	19.56	20.23
8/5/2015	4	17.04	17.31
8/5/2015	5	19.34	20.05
8/5/2015	6	19.98	20.79
8/5/2015	7	17.47	18.15
8/5/2015	8	11.47	15.48
8/5/2015	9	18.61	17.38
8/5/2015	10	18.15	17.32
8/5/2015	11	18.38	18.48
8/5/2015	12	21.83	22.40
8/5/2015	13	22.86	22.45
8/5/2015	14	20.31	21.27
8/5/2015	15	20.29	19.69
8/5/2015	16	21.19	25.59
8/5/2015	17	26.07	26.57
8/5/2015	18	31.24	31.42
8/5/2015	19	38.03	38.56
8/5/2015	20	36.32	34.72
8/5/2015	21	55.81	36.39
8/5/2015	22	37.07	25.87

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/5/2015	23	43.70	31.84
8/5/2015	24	28.31	29.56
8/6/2015	1	20.19	24.35
8/6/2015	2	27.34	28.74
8/6/2015	3	23.39	25.19
8/6/2015	4	20.57	21.73
8/6/2015	5	19.47	22.76
8/6/2015	6	19.27	25.60
8/6/2015	7	24.00	25.42
8/6/2015	8	19.63	25.08
8/6/2015	9	20.93	22.46
8/6/2015	10	24.47	26.37
8/6/2015	11	35.15	29.10
8/6/2015	12	27.33	30.45
8/6/2015	13	34.27	30.19
8/6/2015	14	39.16	41.31
8/6/2015	15	30.94	32.92
8/6/2015	16	21.16	12.94
8/6/2015	17	25.65	25.96
8/6/2015	18	27.63	27.93
8/6/2015	19	24.84	26.42
8/6/2015	20	27.25	27.22
8/6/2015	21	28.78	28.48
8/6/2015	22	42.88	29.51
8/6/2015	23	22.40	27.26
8/6/2015	24	22.51	26.55
8/7/2015	1	20.92	23.78
8/7/2015	2	21.71	24.91
8/7/2015	3	20.60	24.77
8/7/2015	4	19.62	24.09
8/7/2015	5	22.39	25.30
8/7/2015	6	23.32	24.28
8/7/2015	7	24.61	27.30
8/7/2015	8	19.35	19.54
8/7/2015	9	21.42	19.55
8/7/2015	10	20.23	23.86
8/7/2015	11	22.05	24.09
8/7/2015	12	24.90	23.72
8/7/2015	13	33.57	19.05
8/7/2015	14	24.87	21.03
8/7/2015	15	26.47	19.61
8/7/2015	16	25.96	16.78
8/7/2015	17	32.71	20.83
8/7/2015	18	24.27	21.38
8/7/2015	19	23.12	22.77
8/7/2015	20	22.31	23.05

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/7/2015	21	29.07	24.19
8/7/2015	22	19.89	16.08
8/7/2015	23	19.95	15.90
8/7/2015	24	18.54	19.13
8/8/2015	1	19.21	17.85
8/8/2015	2	19.27	22.46
8/8/2015	3	19.23	19.40
8/8/2015	4	19.84	21.29
8/8/2015	5	19.75	21.19
8/8/2015	6	19.18	21.27
8/8/2015	7	18.09	9.83
8/8/2015	8	24.01	20.06
8/8/2015	9	20.54	20.89
8/8/2015	10	17.94	10.84
8/8/2015	11	22.16	23.78
8/8/2015	12	21.73	23.75
8/8/2015	13	21.94	23.59
8/8/2015	14	20.24	23.51
8/8/2015	15	23.58	25.36
8/8/2015	16	25.18	27.13
8/8/2015	17	23.97	26.13
8/8/2015	18	27.77	26.07
8/8/2015	19	21.82	24.47
8/8/2015	20	32.04	23.75
8/8/2015	21	39.18	24.93
8/8/2015	22	30.01	25.82
8/8/2015	23	23.03	22.58
8/8/2015	24	22.38	21.11
8/9/2015	1	20.93	14.79
8/9/2015	2	19.69	21.18
8/9/2015	3	18.38	17.85
8/9/2015	4	18.84	18.08
8/9/2015	5	20.32	21.44
8/9/2015	6	24.09	22.21
8/9/2015	7	18.30	21.54
8/9/2015	8	19.95	21.37
8/9/2015	9	19.08	21.02
8/9/2015	10	18.21	19.65
8/9/2015	11	18.21	21.01
8/9/2015	12	20.42	23.08
8/9/2015	13	20.01	22.44
8/9/2015	14	24.50	26.53
8/9/2015	15	25.46	25.02
8/9/2015	16	30.08	30.38
8/9/2015	17	33.77	29.08
8/9/2015	18	34.55	28.93

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/9/2015	19	28.14	29.16
8/9/2015	20	39.03	36.68
8/9/2015	21	39.95	35.11
8/9/2015	22	31.86	24.45
8/9/2015	23	22.35	20.55
8/9/2015	24	24.91	24.50
8/10/2015	1	21.40	13.58
8/10/2015	2	22.09	23.48
8/10/2015	3	25.05	26.52
8/10/2015	4	22.19	23.54
8/10/2015	5	23.61	24.94
8/10/2015	6	18.65	19.43
8/10/2015	7	46.84	29.91
8/10/2015	8	24.33	28.02
8/10/2015	9	27.80	31.12
8/10/2015	10	23.33	23.68
8/10/2015	11	28.93	30.56
8/10/2015	12	25.37	27.51
8/10/2015	13	26.71	27.31
8/10/2015	14	28.26	28.91
8/10/2015	15	29.84	29.97
8/10/2015	16	40.12	35.00
8/10/2015	17	39.12	25.80
8/10/2015	18	51.12	27.61
8/10/2015	19	44.58	29.68
8/10/2015	20	31.88	31.98
8/10/2015	21	30.61	30.45
8/10/2015	22	22.94	29.43
8/10/2015	23	20.69	15.05
8/10/2015	24	26.15	23.37
8/11/2015	1	24.14	23.94
8/11/2015	2	21.63	21.59
8/11/2015	3	20.89	20.60
8/11/2015	4	20.49	21.22
8/11/2015	5	20.97	21.96
8/11/2015	6	23.08	23.73
8/11/2015	7	26.94	27.95
8/11/2015	8	24.17	24.49
8/11/2015	9	23.32	23.04
8/11/2015	10	24.06	23.46
8/11/2015	11	23.33	23.72
8/11/2015	12	26.16	27.57
8/11/2015	13	27.37	28.18
8/11/2015	14	30.04	28.48
8/11/2015	15	49.22	30.60
8/11/2015	16	79.84	39.74

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/11/2015	17	46.47	45.03
8/11/2015	18	45.18	51.55
8/11/2015	19	19.29	43.38
8/11/2015	20	18.29	13.12
8/11/2015	21	19.06	28.24
8/11/2015	22	23.68	31.29
8/11/2015	23	24.70	27.21
8/11/2015	24	22.21	28.24
8/12/2015	1	28.97	28.00
8/12/2015	2	24.60	25.87
8/12/2015	3	22.03	22.19
8/12/2015	4	38.00	24.17
8/12/2015	5	21.35	22.47
8/12/2015	6	45.98	27.99
8/12/2015	7	25.50	26.35
8/12/2015	8	25.52	24.28
8/12/2015	9	25.85	23.03
8/12/2015	10	20.44	21.61
8/12/2015	11	22.29	23.38
8/12/2015	12	25.74	26.64
8/12/2015	13	26.18	27.38
8/12/2015	14	29.15	30.47
8/12/2015	15	29.00	30.14
8/12/2015	16	44.33	43.54
8/12/2015	17	71.89	50.96
8/12/2015	18	47.03	47.10
8/12/2015	19	30.94	31.41
8/12/2015	20	30.91	32.57
8/12/2015	21	26.24	26.48
8/12/2015	22	70.33	36.87
8/12/2015	23	23.88	24.64
8/12/2015	24	22.11	23.31
8/13/2015	1	39.18	19.99
8/13/2015	2	32.56	9.58
8/13/2015	3	20.84	9.88
8/13/2015	4	18.94	16.25
8/13/2015	5	21.75	22.65
8/13/2015	6	19.56	22.19
8/13/2015	7	17.56	5.95
8/13/2015	8	24.00	24.78
8/13/2015	9	20.30	19.77
8/13/2015	10	27.53	28.39
8/13/2015	11	25.44	27.42
8/13/2015	12	27.44	28.15
8/13/2015	13	38.29	37.10
8/13/2015	14	48.90	50.36

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/13/2015	15	60.65	62.36
8/13/2015	16	76.33	68.02
8/13/2015	17	105.33	101.90
8/13/2015	18	83.97	76.13
8/13/2015	19	75.63	57.75
8/13/2015	20	63.11	41.93
8/13/2015	21	39.33	36.83
8/13/2015	22	78.65	46.23
8/13/2015	23	26.72	27.39
8/13/2015	24	43.62	37.93
8/14/2015	1	27.01	25.16
8/14/2015	2	36.97	23.54
8/14/2015	3	28.81	20.91
8/14/2015	4	19.65	19.57
8/14/2015	5	35.44	19.78
8/14/2015	6	54.47	21.19
8/14/2015	7	18.32	19.04
8/14/2015	8	21.82	22.11
8/14/2015	9	21.43	21.26
8/14/2015	10	22.85	19.60
8/14/2015	11	22.07	22.16
8/14/2015	12	34.32	23.57
8/14/2015	13	29.94	24.38
8/14/2015	14	30.39	25.70
8/14/2015	15	35.67	8.91
8/14/2015	16	40.83	21.84
8/14/2015	17	49.81	26.03
8/14/2015	18	32.52	24.09
8/14/2015	19	23.75	23.13
8/14/2015	20	25.03	25.34
8/14/2015	21	31.99	31.51
8/14/2015	22	40.41	30.48
8/14/2015	23	21.03	25.23
8/14/2015	24	25.51	26.03
8/15/2015	1	82.88	79.75
8/15/2015	2	17.35	15.83
8/15/2015	3	15.75	15.22
8/15/2015	4	15.46	15.06
8/15/2015	5	15.67	-12.02
8/15/2015	6	15.20	14.32
8/15/2015	7	14.56	14.38
8/15/2015	8	16.66	2.28
8/15/2015	9	34.63	19.65
8/15/2015	10	81.13	18.87
8/15/2015	11	19.11	15.31
8/15/2015	12	18.55	13.39

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/15/2015	13	19.98	19.92
8/15/2015	14	26.13	15.44
8/15/2015	15	25.47	21.26
8/15/2015	16	24.13	20.82
8/15/2015	17	26.58	21.20
8/15/2015	18	19.76	18.19
8/15/2015	19	25.23	24.56
8/15/2015	20	20.56	20.73
8/15/2015	21	26.68	23.38
8/15/2015	22	21.16	16.82
8/15/2015	23	18.84	19.26
8/15/2015	24	17.53	17.42
8/16/2015	1	53.59	23.27
8/16/2015	2	38.35	22.57
8/16/2015	3	18.38	18.42
8/16/2015	4	16.11	16.06
8/16/2015	5	17.52	16.02
8/16/2015	6	19.18	19.24
8/16/2015	7	19.26	18.36
8/16/2015	8	16.81	12.17
8/16/2015	9	18.64	18.54
8/16/2015	10	21.75	18.28
8/16/2015	11	19.65	18.65
8/16/2015	12	20.83	22.40
8/16/2015	13	39.36	22.08
8/16/2015	14	29.18	23.99
8/16/2015	15	30.50	27.64
8/16/2015	16	27.05	22.66
8/16/2015	17	32.62	28.56
8/16/2015	18	34.81	24.14
8/16/2015	19	29.55	10.59
8/16/2015	20	18.29	28.14
8/16/2015	21	70.51	33.69
8/16/2015	22	43.71	31.53
8/16/2015	23	26.15	25.57
8/16/2015	24	38.21	25.92
8/17/2015	1	41.06	27.34
8/17/2015	2	23.73	23.82
8/17/2015	3	18.72	18.94
8/17/2015	4	18.57	18.95
8/17/2015	5	17.78	18.21
8/17/2015	6	22.52	21.63
8/17/2015	7	20.93	16.20
8/17/2015	8	24.04	17.19
8/17/2015	9	27.18	24.33
8/17/2015	10	26.34	28.51

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/17/2015	11	31.59	28.10
8/17/2015	12	31.46	33.13
8/17/2015	13	30.16	30.76
8/17/2015	14	31.77	34.17
8/17/2015	15	80.53	35.58
8/17/2015	16	44.83	35.21
8/17/2015	17	73.20	38.36
8/17/2015	18	38.32	38.51
8/17/2015	19	129.38	281.86
8/17/2015	20	27.64	46.95
8/17/2015	21	28.76	35.46
8/17/2015	22	74.25	34.01
8/17/2015	23	80.19	29.01
8/17/2015	24	93.96	75.38
8/18/2015	1	57.75	21.73
8/18/2015	2	34.78	18.75
8/18/2015	3	33.65	14.50
8/18/2015	4	22.62	12.83
8/18/2015	5	18.71	13.29
8/18/2015	6	18.50	12.77
8/18/2015	7	16.51	16.87
8/18/2015	8	20.55	22.52
8/18/2015	9	21.88	36.40
8/18/2015	10	22.07	32.96
8/18/2015	11	22.40	26.27
8/18/2015	12	22.63	33.46
8/18/2015	13	21.47	18.64
8/18/2015	14	25.10	24.13
8/18/2015	15	23.63	55.42
8/18/2015	16	23.02	65.42
8/18/2015	17	62.84	35.04
8/18/2015	18	49.16	27.81
8/18/2015	19	26.00	35.23
8/18/2015	20	21.17	33.99
8/18/2015	21	25.81	29.10
8/18/2015	22	17.51	74.44
8/18/2015	23	14.28	87.92
8/18/2015	24	20.70	55.91
8/19/2015	1	18.44	20.33
8/19/2015	2	20.88	24.40
8/19/2015	3	13.82	22.49
8/19/2015	4	10.39	19.05
8/19/2015	5	14.85	16.12
8/19/2015	6	16.36	17.67
8/19/2015	7	15.15	33.59
8/19/2015	8	6.87	28.81

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/19/2015	9	23.57	28.29
8/19/2015	10	21.77	50.15
8/19/2015	11	20.26	30.80
8/19/2015	12	21.09	24.10
8/19/2015	13	23.91	28.98
8/19/2015	14	25.36	26.81
8/19/2015	15	36.95	21.61
8/19/2015	16	66.97	26.77
8/19/2015	17	87.93	28.63
8/19/2015	18	62.51	30.75
8/19/2015	19	51.20	27.85
8/19/2015	20	31.51	21.65
8/19/2015	21	24.61	35.57
8/19/2015	22	20.84	16.84
8/19/2015	23	17.63	17.10
8/19/2015	24	17.91	8.06
8/20/2015	1	18.96	21.11
8/20/2015	2	19.07	49.25
8/20/2015	3	18.71	21.17
8/20/2015	4	16.25	12.32
8/20/2015	5	18.31	11.90
8/20/2015	6	18.81	7.52
8/20/2015	7	50.66	6.16
8/20/2015	8	19.56	21.44
8/20/2015	9	20.04	26.27
8/20/2015	10	19.81	18.98
8/20/2015	11	18.84	17.82
8/20/2015	12	17.48	16.84
8/20/2015	13	20.22	18.42
8/20/2015	14	21.15	18.81
8/20/2015	15	20.31	20.22
8/20/2015	16	20.33	22.43
8/20/2015	17	22.46	20.91
8/20/2015	18	27.66	23.71
8/20/2015	19	23.81	26.94
8/20/2015	20	23.59	30.37
8/20/2015	21	25.31	27.99
8/20/2015	22	20.94	28.57
8/20/2015	23	33.21	3.66
8/20/2015	24	35.69	11.71
8/21/2015	1	34.19	12.39
8/21/2015	2	17.26	9.56
8/21/2015	3	17.24	17.03
8/21/2015	4	17.09	17.49
8/21/2015	5	17.48	17.70
8/21/2015	6	17.22	18.00

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/21/2015	7	19.89	22.12
8/21/2015	8	18.42	18.43
8/21/2015	9	18.61	18.60
8/21/2015	10	19.07	18.21
8/21/2015	11	18.98	17.92
8/21/2015	12	18.94	7.10
8/21/2015	13	19.19	-27.11
8/21/2015	14	31.01	17.94
8/21/2015	15	44.06	14.11
8/21/2015	16	40.32	18.93
8/21/2015	17	59.36	-27.05
8/21/2015	18	19.02	1.80
8/21/2015	19	18.84	-10.99
8/21/2015	20	19.40	14.10
8/21/2015	21	17.50	18.29
8/21/2015	22	17.67	18.36
8/21/2015	23	14.02	14.92
8/21/2015	24	33.21	18.10
8/22/2015	1	72.86	54.53
8/22/2015	2	66.92	70.42
8/22/2015	3	65.76	69.58
8/22/2015	4	50.78	23.22
8/22/2015	5	26.99	28.79
8/22/2015	6	19.30	20.51
8/22/2015	7	18.20	17.82
8/22/2015	8	16.75	16.12
8/22/2015	9	18.25	18.51
8/22/2015	10	18.20	19.14
8/22/2015	11	37.47	24.30
8/22/2015	12	23.50	21.16
8/22/2015	13	23.39	20.02
8/22/2015	14	18.67	19.79
8/22/2015	15	19.89	21.07
8/22/2015	16	21.37	16.65
8/22/2015	17	37.73	23.63
8/22/2015	18	23.08	20.41
8/22/2015	19	19.21	16.92
8/22/2015	20	28.16	29.96
8/22/2015	21	26.16	34.30
8/22/2015	22	21.29	21.25
8/22/2015	23	22.24	20.37
8/22/2015	24	26.26	24.06
8/23/2015	1	52.74	22.54
8/23/2015	2	41.27	28.31
8/23/2015	3	23.50	22.06
8/23/2015	4	18.32	19.03

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/23/2015	5	18.27	18.83
8/23/2015	6	17.57	18.62
8/23/2015	7	17.46	18.53
8/23/2015	8	17.01	17.20
8/23/2015	9	18.33	19.21
8/23/2015	10	18.35	19.84
8/23/2015	11	19.28	20.35
8/23/2015	12	18.55	20.53
8/23/2015	13	19.69	21.27
8/23/2015	14	20.98	21.45
8/23/2015	15	23.10	25.44
8/23/2015	16	33.85	35.42
8/23/2015	17	36.14	23.81
8/23/2015	18	35.38	28.19
8/23/2015	19	33.06	24.97
8/23/2015	20	27.69	32.22
8/23/2015	21	28.60	32.26
8/23/2015	22	24.08	27.70
8/23/2015	23	53.96	24.01
8/23/2015	24	24.28	25.95
8/24/2015	1	50.48	45.30
8/24/2015	2	18.48	19.27
8/24/2015	3	17.95	18.98
8/24/2015	4	17.35	18.03
8/24/2015	5	17.09	17.47
8/24/2015	6	17.18	17.23
8/24/2015	7	16.33	12.87
8/24/2015	8	19.30	11.22
8/24/2015	9	17.74	18.58
8/24/2015	10	18.22	19.85
8/24/2015	11	20.60	20.88
8/24/2015	12	29.88	25.82
8/24/2015	13	19.81	20.67
8/24/2015	14	35.98	35.81
8/24/2015	15	39.79	38.46
8/24/2015	16	50.57	35.89
8/24/2015	17	52.78	31.82
8/24/2015	18	38.17	31.87
8/24/2015	19	36.02	36.55
8/24/2015	20	31.95	46.29
8/24/2015	21	28.00	28.65
8/24/2015	22	19.95	27.00
8/24/2015	23	34.64	23.29
8/24/2015	24	34.20	12.21
8/25/2015	1	23.73	23.02
8/25/2015	2	22.09	23.13

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/25/2015	3	21.62	21.18
8/25/2015	4	18.07	19.02
8/25/2015	5	17.55	18.14
8/25/2015	6	17.63	17.61
8/25/2015	7	18.30	18.37
8/25/2015	8	19.51	19.21
8/25/2015	9	19.99	31.27
8/25/2015	10	19.85	34.84
8/25/2015	11	32.84	34.21
8/25/2015	12	38.54	39.71
8/25/2015	13	33.99	37.58
8/25/2015	14	52.76	33.84
8/25/2015	15	34.17	34.85
8/25/2015	16	26.50	30.30
8/25/2015	17	15.29	27.67
8/25/2015	18	23.42	31.13
8/25/2015	19	29.15	25.05
8/25/2015	20	30.14	38.06
8/25/2015	21	66.09	70.51
8/25/2015	22	23.61	19.27
8/25/2015	23	14.94	10.63
8/25/2015	24	25.96	28.23
8/26/2015	1	19.21	20.60
8/26/2015	2	18.69	20.25
8/26/2015	3	20.72	19.70
8/26/2015	4	20.02	21.28
8/26/2015	5	17.90	19.12
8/26/2015	6	18.25	19.42
8/26/2015	7	19.25	20.33
8/26/2015	8	20.43	21.64
8/26/2015	9	19.19	25.96
8/26/2015	10	17.98	22.04
8/26/2015	11	20.70	25.31
8/26/2015	12	20.03	31.19
8/26/2015	13	26.96	32.15
8/26/2015	14	22.45	32.74
8/26/2015	15	22.32	28.94
8/26/2015	16	24.54	32.76
8/26/2015	17	44.78	42.97
8/26/2015	18	76.80	83.17
8/26/2015	19	27.20	33.50
8/26/2015	20	48.43	30.33
8/26/2015	21	76.28	39.60
8/26/2015	22	12.59	24.51
8/26/2015	23	22.50	25.06
8/26/2015	24	17.73	17.09

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/27/2015	1	119.72	90.07
8/27/2015	2	84.79	44.74
8/27/2015	3	53.22	24.92
8/27/2015	4	21.03	22.83
8/27/2015	5	35.22	22.05
8/27/2015	6	51.18	24.39
8/27/2015	7	20.39	20.61
8/27/2015	8	22.77	21.83
8/27/2015	9	19.40	22.61
8/27/2015	10	23.00	30.39
8/27/2015	11	25.11	32.92
8/27/2015	12	32.09	31.87
8/27/2015	13	51.06	46.78
8/27/2015	14	48.40	46.18
8/27/2015	15	35.61	43.73
8/27/2015	16	40.57	40.96
8/27/2015	17	38.88	39.59
8/27/2015	18	38.20	36.56
8/27/2015	19	30.41	29.51
8/27/2015	20	44.02	36.83
8/27/2015	21	44.50	33.61
8/27/2015	22	19.46	33.55
8/27/2015	23	18.80	24.18
8/27/2015	24	19.21	12.39
8/28/2015	1	40.12	36.14
8/28/2015	2	23.53	25.89
8/28/2015	3	22.54	24.49
8/28/2015	4	19.08	20.65
8/28/2015	5	17.87	18.29
8/28/2015	6	18.56	18.93
8/28/2015	7	18.16	18.58
8/28/2015	8	34.88	31.73
8/28/2015	9	23.11	24.45
8/28/2015	10	21.10	22.71
8/28/2015	11	24.72	40.85
8/28/2015	12	-4.73	5.60
8/28/2015	13	3.79	28.49
8/28/2015	14	30.11	42.15
8/28/2015	15	-273.34	-486.75
8/28/2015	16	101.48	92.97
8/28/2015	17	342.76	343.46
8/28/2015	18	57.21	49.63
8/28/2015	19	39.90	38.19
8/28/2015	20	38.38	38.41
8/28/2015	21	29.73	33.09
8/28/2015	22	20.41	32.06

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/28/2015	23	52.92	32.26
8/28/2015	24	48.92	39.06
8/29/2015	1	84.18	83.03
8/29/2015	2	45.03	26.40
8/29/2015	3	41.63	44.12
8/29/2015	4	23.42	25.40
8/29/2015	5	22.52	24.09
8/29/2015	6	27.27	29.38
8/29/2015	7	21.61	22.50
8/29/2015	8	18.72	19.39
8/29/2015	9	18.91	20.06
8/29/2015	10	22.82	25.12
8/29/2015	11	17.67	19.59
8/29/2015	12	30.71	30.02
8/29/2015	13	73.09	39.03
8/29/2015	14	40.48	34.02
8/29/2015	15	30.25	34.14
8/29/2015	16	31.00	19.66
8/29/2015	17	27.55	15.49
8/29/2015	18	34.79	19.20
8/29/2015	19	76.76	18.03
8/29/2015	20	41.17	19.00
8/29/2015	21	37.67	15.25
8/29/2015	22	68.23	46.02
8/29/2015	23	68.73	39.24
8/29/2015	24	37.64	24.85
8/30/2015	1	47.40	30.26
8/30/2015	2	38.32	25.36
8/30/2015	3	23.47	24.32
8/30/2015	4	38.70	40.63
8/30/2015	5	22.88	24.28
8/30/2015	6	20.42	21.59
8/30/2015	7	18.30	18.86
8/30/2015	8	18.12	17.25
8/30/2015	9	19.05	18.53
8/30/2015	10	19.59	19.83
8/30/2015	11	19.00	20.46
8/30/2015	12	18.37	19.81
8/30/2015	13	23.17	22.92
8/30/2015	14	22.11	16.09
8/30/2015	15	21.55	17.49
8/30/2015	16	26.57	26.46
8/30/2015	17	24.18	25.61
8/30/2015	18	37.81	29.05
8/30/2015	19	56.95	31.61
8/30/2015	20	87.24	52.89

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
8/30/2015	21	48.89	35.50
8/30/2015	22	43.65	45.08
8/30/2015	23	72.98	21.60
8/30/2015	24	51.73	20.51
8/31/2015	1	65.04	34.57
8/31/2015	2	64.30	17.61
8/31/2015	3	16.11	16.67
8/31/2015	4	14.43	13.56
8/31/2015	5	17.82	18.87
8/31/2015	6	24.42	26.15
8/31/2015	7	18.26	19.01
8/31/2015	8	26.60	27.72
8/31/2015	9	24.11	25.49
8/31/2015	10	23.57	24.60
8/31/2015	11	21.57	22.79
8/31/2015	12	17.50	20.33
8/31/2015	13	21.86	21.94
8/31/2015	14	30.68	30.93
8/31/2015	15	75.45	37.89
8/31/2015	16	58.31	35.29
8/31/2015	17	88.71	35.01
8/31/2015	18	42.47	32.80
8/31/2015	19	27.26	18.85
8/31/2015	20	43.87	38.57
8/31/2015	21	48.61	36.48
8/31/2015	22	28.56	28.66
8/31/2015	23	18.58	18.71
8/31/2015	24	17.28	17.41
9/1/2015	1	18.67	20.01
9/1/2015	2	18.15	18.62
9/1/2015	3	18.23	19.06
9/1/2015	4	17.97	18.93
9/1/2015	5	18.61	19.70
9/1/2015	6	17.80	18.69
9/1/2015	7	19.08	23.53
9/1/2015	8	23.20	23.02
9/1/2015	9	23.65	25.10
9/1/2015	10	21.80	24.31
9/1/2015	11	21.34	21.32
9/1/2015	12	19.77	21.38
9/1/2015	13	23.55	23.54
9/1/2015	14	26.94	25.98
9/1/2015	15	37.25	29.91
9/1/2015	16	43.53	30.62
9/1/2015	17	65.75	27.96
9/1/2015	18	50.36	25.91

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/1/2015	19	32.52	30.34
9/1/2015	20	38.41	33.74
9/1/2015	21	19.06	9.55
9/1/2015	22	29.51	18.03
9/1/2015	23	22.15	17.75
9/1/2015	24	17.05	13.32
9/2/2015	1	18.98	14.74
9/2/2015	2	21.09	20.37
9/2/2015	3	18.52	19.88
9/2/2015	4	16.95	19.29
9/2/2015	5	18.66	19.90
9/2/2015	6	20.76	21.55
9/2/2015	7	24.49	25.91
9/2/2015	8	21.12	21.86
9/2/2015	9	22.47	22.79
9/2/2015	10	24.31	23.25
9/2/2015	11	22.89	22.36
9/2/2015	12	22.77	21.33
9/2/2015	13	21.92	20.84
9/2/2015	14	21.54	20.91
9/2/2015	15	26.62	23.14
9/2/2015	16	33.44	11.91
9/2/2015	17	25.41	22.21
9/2/2015	18	40.13	31.37
9/2/2015	19	39.96	37.15
9/2/2015	20	53.14	54.16
9/2/2015	21	81.18	70.92
9/2/2015	22	22.79	26.59
9/2/2015	23	22.18	19.92
9/2/2015	24	20.60	17.74
9/3/2015	1	22.88	22.44
9/3/2015	2	37.13	20.43
9/3/2015	3	50.47	21.96
9/3/2015	4	50.43	19.50
9/3/2015	5	21.12	21.31
9/3/2015	6	36.65	18.30
9/3/2015	7	23.52	24.02
9/3/2015	8	38.34	24.14
9/3/2015	9	23.48	24.27
9/3/2015	10	50.95	21.27
9/3/2015	11	21.27	22.61
9/3/2015	12	19.76	22.49
9/3/2015	13	19.87	23.06
9/3/2015	14	21.13	23.05
9/3/2015	15	38.45	19.31
9/3/2015	16	41.55	20.19

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/3/2015	17	62.53	22.31
9/3/2015	18	38.86	24.13
9/3/2015	19	17.73	21.53
9/3/2015	20	54.91	34.53
9/3/2015	21	37.69	39.29
9/3/2015	22	27.46	27.78
9/3/2015	23	24.25	28.15
9/3/2015	24	25.16	26.42
9/4/2015	1	24.03	25.56
9/4/2015	2	54.54	31.23
9/4/2015	3	19.06	12.28
9/4/2015	4	18.68	19.21
9/4/2015	5	18.48	17.92
9/4/2015	6	36.15	18.00
9/4/2015	7	42.18	27.01
9/4/2015	8	40.55	26.52
9/4/2015	9	25.38	25.04
9/4/2015	10	25.20	26.63
9/4/2015	11	63.67	28.97
9/4/2015	12	23.05	24.21
9/4/2015	13	73.68	22.60
9/4/2015	14	38.55	21.77
9/4/2015	15	24.12	21.87
9/4/2015	16	29.57	24.30
9/4/2015	17	23.16	22.98
9/4/2015	18	19.42	20.26
9/4/2015	19	18.83	19.27
9/4/2015	20	84.01	24.68
9/4/2015	21	49.43	21.78
9/4/2015	22	22.80	23.46
9/4/2015	23	36.75	25.39
9/4/2015	24	19.18	19.73
9/5/2015	1	18.33	20.13
9/5/2015	2	18.43	19.03
9/5/2015	3	17.57	17.06
9/5/2015	4	16.65	16.38
9/5/2015	5	18.46	17.05
9/5/2015	6	18.88	17.91
9/5/2015	7	19.72	22.74
9/5/2015	8	25.16	27.69
9/5/2015	9	20.66	24.12
9/5/2015	10	19.46	26.31
9/5/2015	11	18.40	20.58
9/5/2015	12	18.74	19.90
9/5/2015	13	19.01	15.39
9/5/2015	14	20.31	20.83

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/5/2015	15	18.92	19.42
9/5/2015	16	19.73	16.03
9/5/2015	17	19.06	1.39
9/5/2015	18	17.54	-26.67
9/5/2015	19	17.53	14.82
9/5/2015	20	18.23	0.71
9/5/2015	21	20.83	4.75
9/5/2015	22	35.50	3.13
9/5/2015	23	18.83	16.38
9/5/2015	24	22.78	24.15
9/6/2015	1	42.23	26.63
9/6/2015	2	23.71	26.09
9/6/2015	3	23.04	25.45
9/6/2015	4	19.14	20.85
9/6/2015	5	19.46	21.03
9/6/2015	6	18.82	19.65
9/6/2015	7	27.30	32.58
9/6/2015	8	21.84	26.22
9/6/2015	9	22.58	25.91
9/6/2015	10	21.50	24.32
9/6/2015	11	20.89	26.21
9/6/2015	12	19.93	22.41
9/6/2015	13	21.10	23.81
9/6/2015	14	20.77	24.05
9/6/2015	15	19.55	25.04
9/6/2015	16	21.32	24.59
9/6/2015	17	23.69	28.53
9/6/2015	18	23.38	25.07
9/6/2015	19	22.73	22.57
9/6/2015	20	83.68	23.98
9/6/2015	21	40.21	42.56
9/6/2015	22	55.28	58.29
9/6/2015	23	35.94	20.82
9/6/2015	24	19.80	52.84
9/7/2015	1	36.05	15.71
9/7/2015	2	41.34	43.11
9/7/2015	3	19.28	20.64
9/7/2015	4	18.40	19.02
9/7/2015	5	19.47	20.91
9/7/2015	6	18.68	20.63
9/7/2015	7	18.51	19.37
9/7/2015	8	18.87	19.33
9/7/2015	9	20.39	21.36
9/7/2015	10	22.63	24.52
9/7/2015	11	20.51	20.14
9/7/2015	12	27.67	29.33

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/7/2015	13	22.24	31.10
9/7/2015	14	31.29	35.83
9/7/2015	15	37.63	37.51
9/7/2015	16	38.25	38.95
9/7/2015	17	41.36	39.21
9/7/2015	18	65.41	57.93
9/7/2015	19	30.93	30.28
9/7/2015	20	39.62	39.48
9/7/2015	21	34.28	34.20
9/7/2015	22	46.98	31.88
9/7/2015	23	86.78	31.01
9/7/2015	24	52.51	28.00
9/8/2015	1	19.63	20.24
9/8/2015	2	18.46	18.05
9/8/2015	3	17.34	17.94
9/8/2015	4	18.38	19.33
9/8/2015	5	35.05	21.39
9/8/2015	6	50.91	21.89
9/8/2015	7	21.94	24.04
9/8/2015	8	41.02	23.16
9/8/2015	9	71.65	19.79
9/8/2015	10	64.15	23.03
9/8/2015	11	23.19	21.81
9/8/2015	12	22.62	24.28
9/8/2015	13	24.02	24.60
9/8/2015	14	21.68	21.83
9/8/2015	15	36.80	31.72
9/8/2015	16	63.50	32.19
9/8/2015	17	64.91	45.34
9/8/2015	18	36.02	36.32
9/8/2015	19	42.39	35.08
9/8/2015	20	38.82	34.32
9/8/2015	21	30.97	31.94
9/8/2015	22	55.82	38.11
9/8/2015	23	39.18	41.91
9/8/2015	24	58.06	60.52
9/9/2015	1	55.57	57.97
9/9/2015	2	21.96	23.33
9/9/2015	3	19.67	20.92
9/9/2015	4	18.57	19.76
9/9/2015	5	18.41	19.39
9/9/2015	6	19.88	20.93
9/9/2015	7	35.91	24.29
9/9/2015	8	25.40	26.95
9/9/2015	9	39.55	27.51
9/9/2015	10	23.38	24.17

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/9/2015	11	26.05	25.97
9/9/2015	12	28.04	29.66
9/9/2015	13	29.85	30.42
9/9/2015	14	41.21	31.70
9/9/2015	15	59.12	31.60
9/9/2015	16	79.48	33.74
9/9/2015	17	99.88	31.26
9/9/2015	18	72.39	26.34
9/9/2015	19	81.89	32.19
9/9/2015	20	88.07	32.41
9/9/2015	21	26.30	28.21
9/9/2015	22	28.30	32.75
9/9/2015	23	59.09	28.45
9/9/2015	24	67.49	26.03
9/10/2015	1	52.56	26.32
9/10/2015	2	24.37	25.53
9/10/2015	3	21.49	22.98
9/10/2015	4	19.60	20.90
9/10/2015	5	39.90	23.76
9/10/2015	6	20.22	20.90
9/10/2015	7	51.33	24.44
9/10/2015	8	38.25	26.44
9/10/2015	9	25.77	26.46
9/10/2015	10	46.59	28.95
9/10/2015	11	26.45	26.05
9/10/2015	12	39.91	27.17
9/10/2015	13	28.07	31.79
9/10/2015	14	30.59	30.67
9/10/2015	15	47.10	31.96
9/10/2015	16	72.67	41.48
9/10/2015	17	91.13	41.46
9/10/2015	18	86.69	41.31
9/10/2015	19	42.41	34.32
9/10/2015	20	46.18	47.64
9/10/2015	21	32.22	36.89
9/10/2015	22	30.82	37.35
9/10/2015	23	24.93	24.76
9/10/2015	24	23.39	25.04
9/11/2015	1	20.06	18.52
9/11/2015	2	20.65	21.73
9/11/2015	3	19.50	20.95
9/11/2015	4	19.00	18.26
9/11/2015	5	20.27	20.60
9/11/2015	6	36.39	19.22
9/11/2015	7	36.64	22.32
9/11/2015	8	26.08	24.53

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/11/2015	9	22.81	22.73
9/11/2015	10	64.86	21.78
9/11/2015	11	27.46	26.29
9/11/2015	12	52.97	27.62
9/11/2015	13	44.83	30.14
9/11/2015	14	59.74	25.86
9/11/2015	15	39.46	36.41
9/11/2015	16	48.37	35.34
9/11/2015	17	105.07	40.31
9/11/2015	18	96.09	39.82
9/11/2015	19	60.62	40.48
9/11/2015	20	37.25	29.53
9/11/2015	21	20.59	21.62
9/11/2015	22	27.75	33.39
9/11/2015	23	21.44	21.45
9/11/2015	24	19.48	19.85
9/12/2015	1	37.37	38.77
9/12/2015	2	36.00	22.80
9/12/2015	3	20.52	21.61
9/12/2015	4	19.92	20.91
9/12/2015	5	20.39	21.75
9/12/2015	6	19.24	18.87
9/12/2015	7	20.97	22.57
9/12/2015	8	22.31	21.82
9/12/2015	9	44.50	22.85
9/12/2015	10	26.29	28.24
9/12/2015	11	28.72	30.37
9/12/2015	12	34.29	26.99
9/12/2015	13	44.26	27.56
9/12/2015	14	28.23	28.97
9/12/2015	15	65.44	33.30
9/12/2015	16	73.31	25.38
9/12/2015	17	76.00	35.73
9/12/2015	18	27.48	36.01
9/12/2015	19	62.64	38.24
9/12/2015	20	26.03	26.65
9/12/2015	21	38.68	22.77
9/12/2015	22	24.46	20.89
9/12/2015	23	25.51	26.19
9/12/2015	24	19.40	15.43
9/13/2015	1	19.95	19.88
9/13/2015	2	19.55	18.26
9/13/2015	3	17.29	16.95
9/13/2015	4	16.98	17.16
9/13/2015	5	18.48	17.07
9/13/2015	6	18.89	17.02

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/13/2015	7	20.75	22.03
9/13/2015	8	22.90	23.98
9/13/2015	9	28.04	29.07
9/13/2015	10	45.35	30.96
9/13/2015	11	26.04	27.96
9/13/2015	12	70.30	28.68
9/13/2015	13	80.00	39.57
9/13/2015	14	21.96	22.91
9/13/2015	15	32.22	39.22
9/13/2015	16	36.45	35.98
9/13/2015	17	50.55	48.06
9/13/2015	18	45.02	44.86
9/13/2015	19	43.88	43.89
9/13/2015	20	41.87	44.76
9/13/2015	21	38.25	38.11
9/13/2015	22	28.78	28.48
9/13/2015	23	19.37	19.06
9/13/2015	24	17.40	18.10
9/14/2015	1	18.24	17.85
9/14/2015	2	18.31	17.63
9/14/2015	3	18.25	17.21
9/14/2015	4	18.19	17.50
9/14/2015	5	19.30	19.96
9/14/2015	6	55.96	60.17
9/14/2015	7	60.92	39.37
9/14/2015	8	41.27	43.45
9/14/2015	9	19.55	22.72
9/14/2015	10	19.16	22.27
9/14/2015	11	15.69	29.92
9/14/2015	12	15.32	24.97
9/14/2015	13	61.88	28.05
9/14/2015	14	19.56	32.57
9/14/2015	15	19.14	28.15
9/14/2015	16	19.13	30.41
9/14/2015	17	34.91	26.73
9/14/2015	18	14.34	21.29
9/14/2015	19	18.99	29.16
9/14/2015	20	34.46	42.36
9/14/2015	21	21.09	71.15
9/14/2015	22	18.10	28.14
9/14/2015	23	18.37	42.55
9/14/2015	24	18.57	10.45
9/15/2015	1	18.88	19.83
9/15/2015	2	18.99	21.32
9/15/2015	3	18.92	-12.47
9/15/2015	4	18.37	17.51

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/15/2015	5	30.37	20.46
9/15/2015	6	60.87	10.12
9/15/2015	7	20.05	40.77
9/15/2015	8	19.58	30.88
9/15/2015	9	19.47	37.12
9/15/2015	10	19.12	25.62
9/15/2015	11	17.55	25.61
9/15/2015	12	18.25	25.60
9/15/2015	13	18.97	22.78
9/15/2015	14	17.55	22.81
9/15/2015	15	18.37	21.82
9/15/2015	16	9.00	24.37
9/15/2015	17	19.44	46.88
9/15/2015	18	18.93	16.53
9/15/2015	19	24.38	18.98
9/15/2015	20	23.43	34.30
9/15/2015	21	40.24	34.08
9/15/2015	22	25.18	22.37
9/15/2015	23	53.97	15.49
9/15/2015	24	16.51	-22.32
9/16/2015	1	16.32	0.36
9/16/2015	2	18.15	19.95
9/16/2015	3	18.09	24.38
9/16/2015	4	34.59	22.32
9/16/2015	5	34.30	20.77
9/16/2015	6	17.55	20.98
9/16/2015	7	23.45	21.84
9/16/2015	8	19.96	74.48
9/16/2015	9	69.61	58.27
9/16/2015	10	13.37	21.49
9/16/2015	11	21.16	25.24
9/16/2015	12	23.57	23.23
9/16/2015	13	22.89	23.13
9/16/2015	14	20.04	22.26
9/16/2015	15	52.50	22.07
9/16/2015	16	18.61	18.90
9/16/2015	17	68.38	15.73
9/16/2015	18	11.54	16.88
9/16/2015	19	22.44	32.10
9/16/2015	20	119.63	48.15
9/16/2015	21	19.60	36.34
9/16/2015	22	66.41	42.38
9/16/2015	23	18.38	20.21
9/16/2015	24	34.76	18.54
9/17/2015	1	31.21	23.01
9/17/2015	2	27.22	2.97

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/17/2015	3	16.14	2.30
9/17/2015	4	16.23	15.79
9/17/2015	5	13.72	18.72
9/17/2015	6	53.49	72.57
9/17/2015	7	17.17	21.19
9/17/2015	8	20.54	25.03
9/17/2015	9	19.32	32.93
9/17/2015	10	16.20	74.11
9/17/2015	11	19.81	61.34
9/17/2015	12	20.42	33.48
9/17/2015	13	21.22	27.52
9/17/2015	14	20.54	27.48
9/17/2015	15	15.06	20.59
9/17/2015	16	-7.85	18.75
9/17/2015	17	19.24	23.97
9/17/2015	18	12.92	25.24
9/17/2015	19	38.80	27.46
9/17/2015	20	59.96	68.68
9/17/2015	21	37.65	25.21
9/17/2015	22	61.21	19.97
9/17/2015	23	34.96	70.49
9/17/2015	24	18.77	72.67
9/18/2015	1	11.85	21.13
9/18/2015	2	12.19	13.20
9/18/2015	3	12.99	20.75
9/18/2015	4	14.18	24.72
9/18/2015	5	17.08	24.32
9/18/2015	6	14.77	22.17
9/18/2015	7	11.35	17.63
9/18/2015	8	14.30	43.99
9/18/2015	9	22.73	26.22
9/18/2015	10	16.94	25.96
9/18/2015	11	21.29	24.08
9/18/2015	12	20.02	27.09
9/18/2015	13	22.28	25.73
9/18/2015	14	21.64	49.03
9/18/2015	15	19.88	86.20
9/18/2015	16	17.73	56.92
9/18/2015	17	19.04	75.88
9/18/2015	18	17.92	34.29
9/18/2015	19	16.72	23.44
9/18/2015	20	17.89	58.65
9/18/2015	21	67.09	51.34
9/18/2015	22	46.78	46.41
9/18/2015	23	16.94	31.82
9/18/2015	24	10.56	26.30

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/19/2015	1	11.04	87.74
9/19/2015	2	27.18	55.93
9/19/2015	3	19.20	68.88
9/19/2015	4	30.31	52.44
9/19/2015	5	19.61	23.65
9/19/2015	6	18.41	24.69
9/19/2015	7	19.93	23.49
9/19/2015	8	10.34	26.01
9/19/2015	9	39.11	24.69
9/19/2015	10	20.22	24.47
9/19/2015	11	20.33	24.89
9/19/2015	12	20.92	26.28
9/19/2015	13	21.09	28.12
9/19/2015	14	23.03	28.46
9/19/2015	15	20.52	19.77
9/19/2015	16	18.62	17.75
9/19/2015	17	18.72	19.12
9/19/2015	18	18.86	34.73
9/19/2015	19	50.43	46.10
9/19/2015	20	22.93	45.25
9/19/2015	21	53.99	34.47
9/19/2015	22	54.68	25.55
9/19/2015	23	66.90	60.93
9/19/2015	24	19.89	38.06
9/20/2015	1	102.59	100.41
9/20/2015	2	33.76	53.08
9/20/2015	3	17.32	69.42
9/20/2015	4	18.61	19.00
9/20/2015	5	19.50	18.53
9/20/2015	6	17.20	16.78
9/20/2015	7	51.16	19.31
9/20/2015	8	22.24	19.73
9/20/2015	9	18.04	20.94
9/20/2015	10	41.09	23.13
9/20/2015	11	24.03	21.30
9/20/2015	12	41.50	25.82
9/20/2015	13	36.39	28.15
9/20/2015	14	20.25	36.43
9/20/2015	15	19.54	47.36
9/20/2015	16	18.92	40.73
9/20/2015	17	19.42	60.29
9/20/2015	18	54.08	45.20
9/20/2015	19	231.96	137.15
9/20/2015	20	80.74	72.80
9/20/2015	21	81.24	42.71
9/20/2015	22	89.53	36.98

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/20/2015	23	14.86	41.73
9/20/2015	24	12.56	22.13
9/21/2015	1	14.92	23.70
9/21/2015	2	11.33	21.78
9/21/2015	3	16.44	16.03
9/21/2015	4	23.70	16.00
9/21/2015	5	22.20	19.26
9/21/2015	6	13.63	20.88
9/21/2015	7	22.87	15.63
9/21/2015	8	24.04	21.91
9/21/2015	9	83.61	5.55
9/21/2015	10	51.79	29.66
9/21/2015	11	79.56	33.27
9/21/2015	12	53.61	50.46
9/21/2015	13	78.97	35.53
9/21/2015	14	54.35	41.71
9/21/2015	15	21.74	39.59
9/21/2015	16	20.48	26.41
9/21/2015	17	73.26	27.26
9/21/2015	18	88.05	26.14
9/21/2015	19	86.05	26.15
9/21/2015	20	44.79	36.10
9/21/2015	21	39.43	35.20
9/21/2015	22	34.91	55.36
9/21/2015	23	67.61	100.06
9/21/2015	24	81.34	115.55
9/22/2015	1	19.31	22.52
9/22/2015	2	18.93	22.40
9/22/2015	3	9.52	23.80
9/22/2015	4	16.41	22.74
9/22/2015	5	67.53	22.72
9/22/2015	6	18.36	20.33
9/22/2015	7	13.77	17.83
9/22/2015	8	38.37	16.85
9/22/2015	9	52.10	22.73
9/22/2015	10	83.93	24.66
9/22/2015	11	20.19	23.43
9/22/2015	12	36.01	23.79
9/22/2015	13	22.66	24.46
9/22/2015	14	23.67	23.25
9/22/2015	15	21.70	24.01
9/22/2015	16	66.90	24.51
9/22/2015	17	35.48	21.02
9/22/2015	18	22.75	25.10
9/22/2015	19	26.06	23.41
9/22/2015	20	23.38	24.88

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/22/2015	21	20.44	24.97
9/22/2015	22	20.14	22.93
9/22/2015	23	87.55	68.82
9/22/2015	24	37.36	20.03
9/23/2015	1	18.54	4.92
9/23/2015	2	19.09	20.73
9/23/2015	3	18.86	2.73
9/23/2015	4	18.99	2.82
9/23/2015	5	19.22	-27.02
9/23/2015	6	50.69	-12.96
9/23/2015	7	53.54	-9.22
9/23/2015	8	46.11	22.23
9/23/2015	9	19.82	23.54
9/23/2015	10	26.07	24.06
9/23/2015	11	21.16	40.63
9/23/2015	12	24.81	24.75
9/23/2015	13	34.41	24.49
9/23/2015	14	33.87	28.56
9/23/2015	15	29.25	28.86
9/23/2015	16	27.78	32.27
9/23/2015	17	45.17	35.17
9/23/2015	18	50.72	31.57
9/23/2015	19	30.93	25.99
9/23/2015	20	24.73	34.61
9/23/2015	21	31.77	32.51
9/23/2015	22	42.20	30.00
9/23/2015	23	21.68	43.64
9/23/2015	24	22.35	29.31
9/24/2015	1	19.55	26.94
9/24/2015	2	50.41	25.44
9/24/2015	3	19.67	21.73
9/24/2015	4	20.24	20.50
9/24/2015	5	20.32	21.51
9/24/2015	6	21.87	24.06
9/24/2015	7	41.72	41.95
9/24/2015	8	37.76	60.27
9/24/2015	9	19.79	58.81
9/24/2015	10	23.71	57.29
9/24/2015	11	39.29	85.57
9/24/2015	12	41.48	26.75
9/24/2015	13	37.47	29.13
9/24/2015	14	48.43	40.70
9/24/2015	15	57.18	36.07
9/24/2015	16	49.37	41.88
9/24/2015	17	47.10	43.68
9/24/2015	18	46.77	41.81

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/24/2015	19	29.04	39.72
9/24/2015	20	19.53	48.09
9/24/2015	21	20.17	52.63
9/24/2015	22	39.27	36.10
9/24/2015	23	34.66	59.51
9/24/2015	24	10.50	58.75
9/25/2015	1	66.62	39.31
9/25/2015	2	18.38	56.65
9/25/2015	3	18.75	23.73
9/25/2015	4	18.57	22.54
9/25/2015	5	20.07	24.10
9/25/2015	6	21.74	22.29
9/25/2015	7	19.67	29.25
9/25/2015	8	22.05	30.41
9/25/2015	9	19.25	25.02
9/25/2015	10	19.38	55.53
9/25/2015	11	24.82	28.10
9/25/2015	12	34.50	57.52
9/25/2015	13	43.09	52.57
9/25/2015	14	37.53	34.47
9/25/2015	15	83.46	35.73
9/25/2015	16	88.72	34.33
9/25/2015	17	81.40	25.55
9/25/2015	18	69.68	24.54
9/25/2015	19	17.59	32.92
9/25/2015	20	19.51	32.34
9/25/2015	21	19.66	31.73
9/25/2015	22	27.24	21.86
9/25/2015	23	46.26	70.97
9/25/2015	24	65.62	27.44
9/26/2015	1	81.01	55.93
9/26/2015	2	50.46	56.94
9/26/2015	3	49.71	18.67
9/26/2015	4	20.82	1.80
9/26/2015	5	39.00	2.76
9/26/2015	6	25.48	17.85
9/26/2015	7	13.28	19.38
9/26/2015	8	17.72	19.80
9/26/2015	9	19.68	20.73
9/26/2015	10	20.67	21.82
9/26/2015	11	22.37	24.99
9/26/2015	12	37.11	24.75
9/26/2015	13	40.76	31.86
9/26/2015	14	54.78	38.60
9/26/2015	15	55.23	24.14
9/26/2015	16	84.13	23.83

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/26/2015	17	19.26	24.91
9/26/2015	18	51.27	32.42
9/26/2015	19	22.38	35.14
9/26/2015	20	56.22	35.55
9/26/2015	21	55.03	34.21
9/26/2015	22	37.39	25.24
9/26/2015	23	83.90	72.00
9/26/2015	24	39.58	28.43
9/27/2015	1	39.06	23.57
9/27/2015	2	19.30	55.07
9/27/2015	3	20.63	25.77
9/27/2015	4	19.85	25.59
9/27/2015	5	35.71	38.88
9/27/2015	6	12.58	23.12
9/27/2015	7	-21.97	18.71
9/27/2015	8	13.99	23.66
9/27/2015	9	17.28	19.95
9/27/2015	10	19.10	23.41
9/27/2015	11	35.31	24.46
9/27/2015	12	19.92	24.69
9/27/2015	13	20.10	26.83
9/27/2015	14	27.75	31.51
9/27/2015	15	19.96	34.57
9/27/2015	16	19.63	37.58
9/27/2015	17	19.37	29.58
9/27/2015	18	19.48	27.85
9/27/2015	19	18.67	28.29
9/27/2015	20	19.86	31.61
9/27/2015	21	19.86	61.47
9/27/2015	22	14.76	32.05
9/27/2015	23	22.31	29.90
9/27/2015	24	15.55	27.94
9/28/2015	1	54.37	55.24
9/28/2015	2	40.57	25.13
9/28/2015	3	20.01	24.03
9/28/2015	4	28.23	23.99
9/28/2015	5	33.51	23.57
9/28/2015	6	21.67	20.39
9/28/2015	7	48.74	31.95
9/28/2015	8	23.55	36.39
9/28/2015	9	18.56	34.22
9/28/2015	10	18.84	57.20
9/28/2015	11	20.59	26.13
9/28/2015	12	21.81	29.83
9/28/2015	13	18.53	84.64
9/28/2015	14	19.59	60.57

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/28/2015	15	23.78	55.43
9/28/2015	16	16.71	30.63
9/28/2015	17	14.30	21.31
9/28/2015	18	14.84	21.72
9/28/2015	19	14.21	28.33
9/28/2015	20	19.38	34.58
9/28/2015	21	15.74	31.56
9/28/2015	22	14.70	28.40
9/28/2015	23	17.90	41.97
9/28/2015	24	33.03	24.93
9/29/2015	1	16.57	24.48
9/29/2015	2	18.99	84.30
9/29/2015	3	34.37	23.65
9/29/2015	4	18.82	24.90
9/29/2015	5	18.03	24.04
9/29/2015	6	14.68	21.56
9/29/2015	7	12.87	23.44
9/29/2015	8	18.45	20.17
9/29/2015	9	17.20	25.80
9/29/2015	10	19.41	24.90
9/29/2015	11	22.21	26.04
9/29/2015	12	21.44	24.82
9/29/2015	13	20.02	25.43
9/29/2015	14	25.24	28.33
9/29/2015	15	23.74	26.79
9/29/2015	16	22.28	28.59
9/29/2015	17	20.11	28.62
9/29/2015	18	16.23	24.33
9/29/2015	19	15.30	25.78
9/29/2015	20	16.19	29.24
9/29/2015	21	54.00	43.79
9/29/2015	22	33.58	24.95
9/29/2015	23	33.92	27.55
9/29/2015	24	16.88	57.38
9/30/2015	1	19.67	86.61
9/30/2015	2	14.77	25.49
9/30/2015	3	15.36	56.73
9/30/2015	4	15.96	25.37
9/30/2015	5	12.88	27.43
9/30/2015	6	17.83	23.81
9/30/2015	7	30.47	24.46
9/30/2015	8	77.89	20.55
9/30/2015	9	80.53	23.24
9/30/2015	10	53.10	23.90
9/30/2015	11	22.65	25.35
9/30/2015	12	21.43	26.32

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
9/30/2015	13	40.22	24.68
9/30/2015	14	54.41	26.29
9/30/2015	15	66.84	25.58
9/30/2015	16	19.20	20.93
9/30/2015	17	19.78	22.90
9/30/2015	18	50.22	22.77
9/30/2015	19	34.76	22.86
9/30/2015	20	16.39	24.12
9/30/2015	21	32.49	26.23
9/30/2015	22	15.21	37.11
9/30/2015	23	45.42	41.35
9/30/2015	24	28.61	27.16
10/1/2015	1	46.27	32.19
10/1/2015	2	9.46	27.07
10/1/2015	3	19.85	25.44
10/1/2015	4	14.14	26.61
10/1/2015	5	14.44	41.15
10/1/2015	6	20.60	24.94
10/1/2015	7	31.03	28.08
10/1/2015	8	37.61	25.81
10/1/2015	9	19.20	31.18
10/1/2015	10	32.47	37.77
10/1/2015	11	22.59	31.01
10/1/2015	12	36.62	29.80
10/1/2015	13	29.41	32.15
10/1/2015	14	36.52	31.24
10/1/2015	15	50.49	31.14
10/1/2015	16	36.70	26.59
10/1/2015	17	39.36	25.23
10/1/2015	18	34.33	25.54
10/1/2015	19	17.23	36.31
10/1/2015	20	14.86	36.07
10/1/2015	21	32.82	35.66
10/1/2015	22	16.01	31.54
10/1/2015	23	13.52	26.30
10/1/2015	24	8.91	54.67
10/2/2015	1	16.69	45.53
10/2/2015	2	11.39	35.29
10/2/2015	3	13.85	22.59
10/2/2015	4	22.36	20.89
10/2/2015	5	30.17	20.93
10/2/2015	6	34.18	21.24
10/2/2015	7	48.51	18.16
10/2/2015	8	15.02	18.92
10/2/2015	9	57.25	19.08
10/2/2015	10	37.17	24.32

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/2/2015	11	20.83	23.79
10/2/2015	12	34.43	23.50
10/2/2015	13	51.22	23.45
10/2/2015	14	19.63	23.35
10/2/2015	15	19.43	22.79
10/2/2015	16	17.59	23.68
10/2/2015	17	19.11	24.04
10/2/2015	18	32.04	22.32
10/2/2015	19	29.87	21.47
10/2/2015	20	15.32	26.31
10/2/2015	21	17.08	21.42
10/2/2015	22	33.54	23.86
10/2/2015	23	44.78	19.34
10/2/2015	24	63.27	34.57
10/3/2015	1	33.68	41.77
10/3/2015	2	46.30	32.00
10/3/2015	3	51.84	18.27
10/3/2015	4	17.33	29.46
10/3/2015	5	18.29	39.33
10/3/2015	6	15.76	66.56
10/3/2015	7	23.68	23.46
10/3/2015	8	32.05	32.17
10/3/2015	9	16.01	18.33
10/3/2015	10	65.75	31.68
10/3/2015	11	51.18	23.19
10/3/2015	12	34.04	65.31
10/3/2015	13	60.66	20.34
10/3/2015	14	19.44	31.74
10/3/2015	15	18.55	25.01
10/3/2015	16	20.03	22.93
10/3/2015	17	19.01	22.31
10/3/2015	18	32.86	21.94
10/3/2015	19	14.80	36.37
10/3/2015	20	14.38	53.86
10/3/2015	21	14.89	53.69
10/3/2015	22	34.61	40.32
10/3/2015	23	17.81	85.01
10/3/2015	24	31.09	23.15
10/4/2015	1	32.50	28.61
10/4/2015	2	20.80	40.86
10/4/2015	3	27.05	25.66
10/4/2015	4	18.63	40.60
10/4/2015	5	20.64	23.53
10/4/2015	6	17.72	19.52
10/4/2015	7	16.02	18.95
10/4/2015	8	31.60	18.92

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/4/2015	9	29.63	16.22
10/4/2015	10	60.50	27.30
10/4/2015	11	80.59	30.67
10/4/2015	12	79.77	25.71
10/4/2015	13	79.86	25.12
10/4/2015	14	19.69	22.90
10/4/2015	15	46.42	21.86
10/4/2015	16	38.08	21.12
10/4/2015	17	69.91	21.51
10/4/2015	18	80.07	22.88
10/4/2015	19	64.39	22.54
10/4/2015	20	20.58	32.21
10/4/2015	21	51.40	33.76
10/4/2015	22	51.01	37.31
10/4/2015	23	51.57	25.93
10/4/2015	24	19.57	36.40
10/5/2015	1	28.23	66.45
10/5/2015	2	28.18	67.96
10/5/2015	3	22.86	21.89
10/5/2015	4	25.59	21.87
10/5/2015	5	19.12	18.12
10/5/2015	6	40.11	24.96
10/5/2015	7	13.37	28.32
10/5/2015	8	14.64	23.57
10/5/2015	9	31.28	26.95
10/5/2015	10	17.47	31.83
10/5/2015	11	15.49	21.53
10/5/2015	12	13.29	21.21
10/5/2015	13	33.78	31.88
10/5/2015	14	15.53	30.48
10/5/2015	15	78.96	31.91
10/5/2015	16	14.59	38.12
10/5/2015	17	29.06	25.46
10/5/2015	18	60.59	25.74
10/5/2015	19	29.69	26.86
10/5/2015	20	14.96	36.96
10/5/2015	21	35.14	54.84
10/5/2015	22	19.68	31.41
10/5/2015	23	19.93	55.59
10/5/2015	24	19.11	33.33
10/6/2015	1	42.63	22.43
10/6/2015	2	20.94	23.21
10/6/2015	3	18.60	26.86
10/6/2015	4	25.42	25.25
10/6/2015	5	18.45	16.84
10/6/2015	6	32.77	17.33

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/6/2015	7	13.88	30.96
10/6/2015	8	17.61	28.64
10/6/2015	9	32.01	22.46
10/6/2015	10	14.86	22.16
10/6/2015	11	31.89	21.25
10/6/2015	12	16.06	13.82
10/6/2015	13	31.39	25.98
10/6/2015	14	25.17	30.03
10/6/2015	15	16.99	23.78
10/6/2015	16	47.58	27.28
10/6/2015	17	16.15	28.31
10/6/2015	18	11.66	23.15
10/6/2015	19	14.22	39.56
10/6/2015	20	44.69	43.98
10/6/2015	21	46.06	31.63
10/6/2015	22	47.76	29.62
10/6/2015	23	30.56	21.40
10/6/2015	24	17.94	53.43
10/7/2015	1	17.70	39.36
10/7/2015	2	18.51	39.52
10/7/2015	3	18.74	68.53
10/7/2015	4	19.08	23.08
10/7/2015	5	12.41	16.02
10/7/2015	6	12.20	14.74
10/7/2015	7	15.50	37.51
10/7/2015	8	59.99	24.20
10/7/2015	9	14.34	20.24
10/7/2015	10	14.66	19.96
10/7/2015	11	15.95	21.29
10/7/2015	12	33.79	25.91
10/7/2015	13	19.59	37.26
10/7/2015	14	24.58	85.47
10/7/2015	15	20.98	35.38
10/7/2015	16	14.00	28.41
10/7/2015	17	16.69	62.54
10/7/2015	18	19.31	41.53
10/7/2015	19	17.33	51.69
10/7/2015	20	29.83	27.81
10/7/2015	21	14.10	35.13
10/7/2015	22	47.93	32.57
10/7/2015	23	63.60	35.02
10/7/2015	24	14.19	21.42
10/8/2015	1	12.29	24.18
10/8/2015	2	13.87	21.32
10/8/2015	3	14.06	24.43
10/8/2015	4	14.30	21.50

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/8/2015	5	15.35	39.44
10/8/2015	6	20.76	39.49
10/8/2015	7	66.60	28.31
10/8/2015	8	19.99	34.86
10/8/2015	9	33.67	32.23
10/8/2015	10	37.42	37.70
10/8/2015	11	17.83	54.10
10/8/2015	12	66.43	60.85
10/8/2015	13	66.97	104.81
10/8/2015	14	36.93	74.77
10/8/2015	15	46.37	22.70
10/8/2015	16	16.12	32.12
10/8/2015	17	14.00	24.05
10/8/2015	18	14.15	33.57
10/8/2015	19	14.37	58.59
10/8/2015	20	61.64	39.95
10/8/2015	21	79.39	34.23
10/8/2015	22	47.38	33.71
10/8/2015	23	18.33	32.26
10/8/2015	24	16.27	58.40
10/9/2015	1	17.02	28.43
10/9/2015	2	19.71	30.75
10/9/2015	3	19.64	26.49
10/9/2015	4	19.71	25.57
10/9/2015	5	18.96	24.60
10/9/2015	6	18.74	23.98
10/9/2015	7	14.97	25.14
10/9/2015	8	17.99	24.08
10/9/2015	9	18.45	23.54
10/9/2015	10	22.76	25.73
10/9/2015	11	23.95	31.37
10/9/2015	12	64.25	34.06
10/9/2015	13	19.63	33.57
10/9/2015	14	17.26	31.74
10/9/2015	15	61.03	39.79
10/9/2015	16	35.71	29.58
10/9/2015	17	61.72	21.31
10/9/2015	18	32.69	46.51
10/9/2015	19	52.60	27.63
10/9/2015	20	18.42	22.02
10/9/2015	21	59.07	21.75
10/9/2015	22	12.66	22.55
10/9/2015	23	39.18	27.86
10/9/2015	24	18.56	32.37
10/10/2015	1	21.76	39.82
10/10/2015	2	26.70	25.51

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/10/2015	3	20.14	19.98
10/10/2015	4	28.94	21.24
10/10/2015	5	23.44	27.18
10/10/2015	6	36.24	24.81
10/10/2015	7	16.35	21.41
10/10/2015	8	18.07	30.07
10/10/2015	9	19.36	28.92
10/10/2015	10	18.66	65.49
10/10/2015	11	21.55	32.81
10/10/2015	12	25.67	43.39
10/10/2015	13	37.71	30.31
10/10/2015	14	19.32	79.06
10/10/2015	15	16.36	29.71
10/10/2015	16	46.79	40.04
10/10/2015	17	47.95	30.07
10/10/2015	18	79.37	1.37
10/10/2015	19	87.83	33.22
10/10/2015	20	14.59	13.58
10/10/2015	21	51.59	24.64
10/10/2015	22	82.87	32.92
10/10/2015	23	78.26	23.58
10/10/2015	24	82.79	38.00
10/11/2015	1	17.59	15.39
10/11/2015	2	22.32	14.33
10/11/2015	3	31.04	16.53
10/11/2015	4	12.59	16.02
10/11/2015	5	74.25	16.15
10/11/2015	6	14.45	17.25
10/11/2015	7	14.99	14.92
10/11/2015	8	13.61	18.20
10/11/2015	9	18.91	19.21
10/11/2015	10	12.54	17.88
10/11/2015	11	13.90	17.96
10/11/2015	12	15.62	19.85
10/11/2015	13	11.70	24.68
10/11/2015	14	16.51	33.46
10/11/2015	15	15.83	22.22
10/11/2015	16	19.90	32.70
10/11/2015	17	19.36	26.46
10/11/2015	18	17.09	26.11
10/11/2015	19	13.70	34.83
10/11/2015	20	20.61	36.08
10/11/2015	21	33.92	36.49
10/11/2015	22	15.65	26.49
10/11/2015	23	18.91	22.39
10/11/2015	24	34.87	26.04

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/12/2015	1	17.31	28.89
10/12/2015	2	32.25	23.70
10/12/2015	3	18.49	24.20
10/12/2015	4	10.51	21.24
10/12/2015	5	25.59	22.11
10/12/2015	6	46.29	25.14
10/12/2015	7	15.06	27.15
10/12/2015	8	31.50	29.39
10/12/2015	9	17.99	29.08
10/12/2015	10	14.50	20.13
10/12/2015	11	14.37	22.89
10/12/2015	12	34.11	30.15
10/12/2015	13	65.35	36.25
10/12/2015	14	47.01	30.45
10/12/2015	15	15.26	31.91
10/12/2015	16	14.82	25.70
10/12/2015	17	20.80	30.32
10/12/2015	18	19.15	29.75
10/12/2015	19	33.32	59.30
10/12/2015	20	4.04	40.68
10/12/2015	21	29.69	29.58
10/12/2015	22	30.51	31.97
10/12/2015	23	14.30	21.15
10/12/2015	24	14.76	25.35
10/13/2015	1	17.43	25.94
10/13/2015	2	18.53	24.46
10/13/2015	3	14.97	24.54
10/13/2015	4	12.31	21.25
10/13/2015	5	39.04	23.48
10/13/2015	6	16.50	25.96
10/13/2015	7	17.41	30.40
10/13/2015	8	75.75	31.18
10/13/2015	9	46.08	19.20
10/13/2015	10	45.31	23.71
10/13/2015	11	34.87	17.99
10/13/2015	12	16.52	16.07
10/13/2015	13	14.71	19.58
10/13/2015	14	14.04	12.03
10/13/2015	15	11.96	-2.17
10/13/2015	16	13.56	17.33
10/13/2015	17	12.86	58.19
10/13/2015	18	22.66	47.08
10/13/2015	19	14.60	-17.69
10/13/2015	20	14.90	26.00
10/13/2015	21	49.07	37.05
10/13/2015	22	32.64	36.51

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/13/2015	23	35.27	32.54
10/13/2015	24	37.77	30.33
10/14/2015	1	79.41	30.14
10/14/2015	2	47.38	22.68
10/14/2015	3	12.67	20.45
10/14/2015	4	11.59	20.75
10/14/2015	5	13.15	22.82
10/14/2015	6	8.74	25.99
10/14/2015	7	15.68	32.01
10/14/2015	8	45.31	32.06
10/14/2015	9	63.96	32.58
10/14/2015	10	64.24	30.56
10/14/2015	11	14.60	28.97
10/14/2015	12	14.51	31.95
10/14/2015	13	14.57	33.26
10/14/2015	14	14.78	31.80
10/14/2015	15	14.79	35.88
10/14/2015	16	22.93	35.79
10/14/2015	17	46.47	43.49
10/14/2015	18	18.78	30.12
10/14/2015	19	17.30	32.96
10/14/2015	20	35.78	37.26
10/14/2015	21	68.28	39.92
10/14/2015	22	13.27	34.61
10/14/2015	23	53.20	31.23
10/14/2015	24	18.57	42.18
10/15/2015	1	21.80	27.11
10/15/2015	2	21.45	26.83
10/15/2015	3	13.99	21.24
10/15/2015	4	18.54	24.65
10/15/2015	5	19.91	23.57
10/15/2015	6	28.96	24.50
10/15/2015	7	11.29	40.74
10/15/2015	8	39.54	31.14
10/15/2015	9	14.97	31.06
10/15/2015	10	65.96	30.04
10/15/2015	11	80.16	29.72
10/15/2015	12	66.02	28.98
10/15/2015	13	52.08	30.57
10/15/2015	14	23.09	33.43
10/15/2015	15	36.13	34.36
10/15/2015	16	79.78	30.40
10/15/2015	17	63.46	25.99
10/15/2015	18	33.90	24.44
10/15/2015	19	15.71	22.69
10/15/2015	20	49.14	30.90

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/15/2015	21	46.01	29.30
10/15/2015	22	51.95	33.35
10/15/2015	23	62.19	44.01
10/15/2015	24	66.29	42.91
10/16/2015	1	32.22	24.03
10/16/2015	2	47.81	23.91
10/16/2015	3	12.85	23.61
10/16/2015	4	14.91	22.88
10/16/2015	5	49.52	25.06
10/16/2015	6	14.79	27.94
10/16/2015	7	16.28	29.13
10/16/2015	8	19.32	35.79
10/16/2015	9	16.79	35.94
10/16/2015	10	55.39	27.56
10/16/2015	11	54.87	28.82
10/16/2015	12	54.72	26.55
10/16/2015	13	54.74	25.97
10/16/2015	14	36.77	42.48
10/16/2015	15	55.17	26.09
10/16/2015	16	39.65	27.07
10/16/2015	17	69.75	33.79
10/16/2015	18	23.49	31.12
10/16/2015	19	49.61	32.70
10/16/2015	20	18.47	29.56
10/16/2015	21	51.75	34.75
10/16/2015	22	54.76	32.84
10/16/2015	23	26.96	34.13
10/16/2015	24	41.86	28.59
10/17/2015	1	35.62	29.28
10/17/2015	2	37.42	28.87
10/17/2015	3	20.75	21.29
10/17/2015	4	17.41	21.73
10/17/2015	5	20.84	24.04
10/17/2015	6	14.06	24.75
10/17/2015	7	18.21	25.72
10/17/2015	8	49.35	29.34
10/17/2015	9	37.28	33.16
10/17/2015	10	81.23	29.49
10/17/2015	11	81.44	27.31
10/17/2015	12	36.05	27.57
10/17/2015	13	83.82	28.99
10/17/2015	14	67.35	29.36
10/17/2015	15	83.32	27.77
10/17/2015	16	82.61	25.65
10/17/2015	17	80.09	24.71
10/17/2015	18	13.18	25.65

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/17/2015	19	9.73	29.06
10/17/2015	20	54.87	32.42
10/17/2015	21	65.60	18.97
10/17/2015	22	31.30	25.92
10/17/2015	23	45.93	26.18
10/17/2015	24	14.19	21.37
10/18/2015	1	78.21	21.83
10/18/2015	2	63.53	17.83
10/18/2015	3	13.25	19.25
10/18/2015	4	46.53	19.86
10/18/2015	5	78.14	18.94
10/18/2015	6	77.87	20.54
10/18/2015	7	63.36	22.90
10/18/2015	8	34.77	27.25
10/18/2015	9	15.23	24.57
10/18/2015	10	54.96	22.83
10/18/2015	11	46.77	23.96
10/18/2015	12	36.73	21.64
10/18/2015	13	21.82	24.58
10/18/2015	14	49.54	26.32
10/18/2015	15	81.62	22.66
10/18/2015	16	79.12	22.47
10/18/2015	17	22.70	22.24
10/18/2015	18	35.91	23.05
10/18/2015	19	81.56	23.47
10/18/2015	20	85.06	67.36
10/18/2015	21	84.88	32.62
10/18/2015	22	66.69	28.50
10/18/2015	23	35.04	40.43
10/18/2015	24	-3.98	21.32
10/19/2015	1	13.91	19.60
10/19/2015	2	13.53	65.97
10/19/2015	3	19.53	23.24
10/19/2015	4	19.39	20.99
10/19/2015	5	14.32	18.31
10/19/2015	6	14.07	21.77
10/19/2015	7	29.48	-17.73
10/19/2015	8	15.86	25.19
10/19/2015	9	31.61	22.19
10/19/2015	10	14.24	21.48
10/19/2015	11	15.73	18.10
10/19/2015	12	20.79	22.65
10/19/2015	13	52.74	22.50
10/19/2015	14	16.87	20.16
10/19/2015	15	20.26	21.49
10/19/2015	16	17.12	19.34

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/19/2015	17	17.08	1.61
10/19/2015	18	18.03	17.00
10/19/2015	19	18.28	18.73
10/19/2015	20	16.74	20.39
10/19/2015	21	17.33	22.16
10/19/2015	22	19.79	20.58
10/19/2015	23	65.91	20.66
10/19/2015	24	21.57	20.70
10/20/2015	1	16.60	16.76
10/20/2015	2	14.32	14.82
10/20/2015	3	13.22	14.29
10/20/2015	4	11.61	13.35
10/20/2015	5	12.04	14.30
10/20/2015	6	11.19	17.58
10/20/2015	7	12.46	16.61
10/20/2015	8	14.50	25.81
10/20/2015	9	13.90	-135.05
10/20/2015	10	13.45	17.29
10/20/2015	11	17.77	21.41
10/20/2015	12	17.25	21.43
10/20/2015	13	19.79	22.95
10/20/2015	14	18.97	21.23
10/20/2015	15	23.33	22.90
10/20/2015	16	41.78	22.59
10/20/2015	17	18.19	14.59
10/20/2015	18	21.85	19.79
10/20/2015	19	15.79	18.72
10/20/2015	20	14.74	29.18
10/20/2015	21	19.91	26.08
10/20/2015	22	50.77	32.19
10/20/2015	23	19.79	30.82
10/20/2015	24	19.08	23.42
10/21/2015	1	18.85	37.19
10/21/2015	2	15.25	18.70
10/21/2015	3	12.66	18.47
10/21/2015	4	15.30	18.18
10/21/2015	5	16.67	15.63
10/21/2015	6	12.41	16.23
10/21/2015	7	9.18	1.18
10/21/2015	8	17.19	29.54
10/21/2015	9	13.17	14.83
10/21/2015	10	13.78	18.32
10/21/2015	11	19.03	23.77
10/21/2015	12	16.06	23.55
10/21/2015	13	14.91	18.86
10/21/2015	14	19.86	24.27

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/21/2015	15	19.12	23.89
10/21/2015	16	20.07	22.71
10/21/2015	17	12.56	15.19
10/21/2015	18	32.10	6.86
10/21/2015	19	13.69	21.17
10/21/2015	20	19.20	8.35
10/21/2015	21	16.65	19.30
10/21/2015	22	21.32	20.89
10/21/2015	23	17.94	34.02
10/21/2015	24	17.08	24.25
10/22/2015	1	18.66	22.14
10/22/2015	2	16.86	20.08
10/22/2015	3	21.18	22.11
10/22/2015	4	15.09	17.38
10/22/2015	5	9.34	17.23
10/22/2015	6	13.88	18.23
10/22/2015	7	13.61	13.36
10/22/2015	8	15.15	25.53
10/22/2015	9	46.52	24.92
10/22/2015	10	17.81	22.83
10/22/2015	11	19.97	23.00
10/22/2015	12	20.12	23.23
10/22/2015	13	17.95	23.74
10/22/2015	14	19.87	26.67
10/22/2015	15	17.17	21.61
10/22/2015	16	15.46	16.38
10/22/2015	17	14.64	24.39
10/22/2015	18	13.09	18.29
10/22/2015	19	46.38	22.56
10/22/2015	20	31.07	22.35
10/22/2015	21	9.01	20.02
10/22/2015	22	64.83	24.55
10/22/2015	23	33.19	33.77
10/22/2015	24	19.34	27.08
10/23/2015	1	17.88	21.49
10/23/2015	2	19.18	21.92
10/23/2015	3	23.18	20.67
10/23/2015	4	24.20	21.54
10/23/2015	5	32.11	18.11
10/23/2015	6	12.01	34.99
10/23/2015	7	7.32	25.74
10/23/2015	8	46.60	35.67
10/23/2015	9	12.92	23.13
10/23/2015	10	15.28	19.68
10/23/2015	11	14.40	16.30
10/23/2015	12	16.40	27.75

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/23/2015	13	31.76	23.77
10/23/2015	14	31.22	22.14
10/23/2015	15	15.76	24.16
10/23/2015	16	33.88	23.52
10/23/2015	17	15.12	20.64
10/23/2015	18	16.20	19.07
10/23/2015	19	16.11	20.64
10/23/2015	20	15.17	20.72
10/23/2015	21	15.58	18.88
10/23/2015	22	28.72	24.60
10/23/2015	23	17.77	30.83
10/23/2015	24	15.29	24.48
10/24/2015	1	18.76	23.00
10/24/2015	2	13.85	18.08
10/24/2015	3	12.93	17.46
10/24/2015	4	13.09	19.78
10/24/2015	5	13.11	25.64
10/24/2015	6	17.11	22.17
10/24/2015	7	15.40	19.64
10/24/2015	8	14.16	20.89
10/24/2015	9	46.37	20.92
10/24/2015	10	22.23	19.82
10/24/2015	11	54.49	21.75
10/24/2015	12	17.01	20.60
10/24/2015	13	66.63	22.14
10/24/2015	14	64.79	18.85
10/24/2015	15	14.52	15.61
10/24/2015	16	16.79	16.60
10/24/2015	17	14.44	21.38
10/24/2015	18	15.46	16.53
10/24/2015	19	77.74	17.32
10/24/2015	20	16.07	19.80
10/24/2015	21	16.04	25.97
10/24/2015	22	30.38	24.16
10/24/2015	23	33.57	29.54
10/24/2015	24	34.52	28.43
10/25/2015	1	21.17	26.32
10/25/2015	2	18.74	29.64
10/25/2015	3	13.90	21.07
10/25/2015	4	13.78	21.14
10/25/2015	5	13.95	22.83
10/25/2015	6	14.34	24.35
10/25/2015	7	12.61	18.58
10/25/2015	8	12.72	19.76
10/25/2015	9	14.02	21.71
10/25/2015	10	15.50	27.16

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/25/2015	11	15.42	31.66
10/25/2015	12	30.79	28.70
10/25/2015	13	15.32	24.64
10/25/2015	14	13.05	19.96
10/25/2015	15	13.96	21.07
10/25/2015	16	17.57	17.62
10/25/2015	17	14.83	16.30
10/25/2015	18	28.83	18.02
10/25/2015	19	15.04	19.26
10/25/2015	20	14.03	23.16
10/25/2015	21	14.07	21.86
10/25/2015	22	30.02	31.47
10/25/2015	23	13.75	23.16
10/25/2015	24	11.09	15.55
10/26/2015	1	12.07	16.04
10/26/2015	2	12.32	17.15
10/26/2015	3	12.75	17.24
10/26/2015	4	10.41	17.12
10/26/2015	5	12.98	20.15
10/26/2015	6	8.82	18.89
10/26/2015	7	12.44	31.23
10/26/2015	8	24.14	17.58
10/26/2015	9	61.30	21.15
10/26/2015	10	50.11	21.87
10/26/2015	11	14.22	18.88
10/26/2015	12	12.92	16.85
10/26/2015	13	11.51	17.17
10/26/2015	14	14.47	25.20
10/26/2015	15	15.62	31.60
10/26/2015	16	13.52	24.24
10/26/2015	17	12.94	15.34
10/26/2015	18	29.37	24.25
10/26/2015	19	32.26	22.96
10/26/2015	20	50.16	24.11
10/26/2015	21	63.64	18.75
10/26/2015	22	42.96	22.80
10/26/2015	23	35.78	28.61
10/26/2015	24	19.17	23.86
10/27/2015	1	15.71	26.15
10/27/2015	2	16.83	21.77
10/27/2015	3	17.91	21.88
10/27/2015	4	15.28	21.24
10/27/2015	5	9.91	21.07
10/27/2015	6	4.65	18.68
10/27/2015	7	9.34	23.28
10/27/2015	8	14.03	22.19

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/27/2015	9	75.41	23.26
10/27/2015	10	80.43	22.87
10/27/2015	11	63.78	29.76
10/27/2015	12	17.96	26.63
10/27/2015	13	65.10	30.10
10/27/2015	14	33.44	34.19
10/27/2015	15	34.17	32.91
10/27/2015	16	62.76	46.30
10/27/2015	17	10.08	24.06
10/27/2015	18	37.28	25.98
10/27/2015	19	29.81	23.77
10/27/2015	20	16.35	23.95
10/27/2015	21	56.52	22.23
10/27/2015	22	34.20	26.09
10/27/2015	23	26.05	27.86
10/27/2015	24	18.67	24.98
10/28/2015	1	20.19	23.41
10/28/2015	2	18.26	21.70
10/28/2015	3	11.23	17.53
10/28/2015	4	15.37	21.35
10/28/2015	5	11.54	17.24
10/28/2015	6	7.25	16.67
10/28/2015	7	8.01	16.92
10/28/2015	8	26.77	24.12
10/28/2015	9	51.78	21.11
10/28/2015	10	-0.59	19.97
10/28/2015	11	60.50	21.16
10/28/2015	12	10.31	21.25
10/28/2015	13	20.03	24.99
10/28/2015	14	10.98	21.37
10/28/2015	15	16.64	21.48
10/28/2015	16	13.47	-8.40
10/28/2015	17	30.99	-60.42
10/28/2015	18	13.83	19.89
10/28/2015	19	25.00	23.55
10/28/2015	20	-1.66	22.07
10/28/2015	21	27.28	26.72
10/28/2015	22	50.21	32.52
10/28/2015	23	19.66	28.24
10/28/2015	24	16.48	21.42
10/29/2015	1	18.30	20.84
10/29/2015	2	18.99	21.58
10/29/2015	3	15.98	18.36
10/29/2015	4	13.25	17.28
10/29/2015	5	14.52	17.86
10/29/2015	6	-13.03	3.48

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/29/2015	7	-10.61	2.02
10/29/2015	8	7.10	17.36
10/29/2015	9	64.81	22.35
10/29/2015	10	18.06	20.27
10/29/2015	11	33.72	19.86
10/29/2015	12	48.93	16.95
10/29/2015	13	16.03	18.26
10/29/2015	14	-50.63	-44.86
10/29/2015	15	12.83	15.66
10/29/2015	16	19.23	20.55
10/29/2015	17	15.65	19.32
10/29/2015	18	28.57	17.24
10/29/2015	19	44.68	18.03
10/29/2015	20	15.41	29.45
10/29/2015	21	2.61	11.63
10/29/2015	22	12.79	4.99
10/29/2015	23	19.81	26.01
10/29/2015	24	30.39	10.48
10/30/2015	1	34.66	23.94
10/30/2015	2	16.56	21.76
10/30/2015	3	18.25	21.01
10/30/2015	4	58.80	-8.61
10/30/2015	5	-82.31	134.19
10/30/2015	6	-21.27	40.93
10/30/2015	7	68.99	21.47
10/30/2015	8	12.57	18.28
10/30/2015	9	19.25	29.00
10/30/2015	10	16.30	19.98
10/30/2015	11	18.33	20.62
10/30/2015	12	17.09	17.81
10/30/2015	13	20.23	24.40
10/30/2015	14	13.99	16.73
10/30/2015	15	46.54	34.98
10/30/2015	16	27.70	30.77
10/30/2015	17	72.29	15.15
10/30/2015	18	11.48	12.43
10/30/2015	19	14.50	12.77
10/30/2015	20	12.47	11.90
10/30/2015	21	14.73	15.63
10/30/2015	22	34.46	19.21
10/30/2015	23	75.24	20.74
10/30/2015	24	19.21	20.04
10/31/2015	1	29.50	27.93
10/31/2015	2	52.50	53.64
10/31/2015	3	24.77	24.72
10/31/2015	4	56.23	24.45

Trade Date	Trade Hour	ELAP_PACE	ELAP_PACW
10/31/2015	5	44.69	20.29
10/31/2015	6	49.73	23.09
10/31/2015	7	77.68	19.74
10/31/2015	8	77.49	20.69
10/31/2015	9	77.17	20.99
10/31/2015	10	77.79	19.52
10/31/2015	11	77.52	17.90
10/31/2015	12	31.65	19.56
10/31/2015	13	47.43	50.61
10/31/2015	14	140.02	142.03
10/31/2015	15	64.62	71.86
10/31/2015	16	44.83	37.55
10/31/2015	17	17.22	18.23
10/31/2015	18	48.63	19.80
10/31/2015	19	29.92	12.56
10/31/2015	20	13.01	11.91
10/31/2015	21	11.15	13.28
10/31/2015	22	18.34	25.38
10/31/2015	23	14.70	23.91
10/31/2015	24	14.83	23.23