

Atlantic City Microgrid Feasibility Study

Prepared for the New Jersey Board of Public Utilities

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Executive Summary

Historically, Atlantic City's ability to continue to provide critical healthcare services, public shelter, police and fire services during superstorms (Superstorm Sandy in particular) has been severely challenged. Since Superstorm Sandy, the City has continued to review the concept of developing energy resilient infrastructure that could stand alone in the face of extended utility grid outages and continue to provide vital services during weather emergencies.

The perfect energy resilient infrastructure option that should be considered in Atlantic City, is the development of a microgrid. A microgrid is a local electric network containing backup power sources allowing it to operate in island mode during power outages. ACM Energy Partners, LLC ("ACM") (i.e. The Midtown Thermal Control Center) ("MTCC") currently provides heating, cooling and emergency power to casinos and other facilities in Atlantic City. This feasibility study will evaluate the retrofitting of the MTCC and the aggregation of its customers electric and thermal loads to establish a platform for the implementation of a microgrid. The report details the technical, economic, and public policy issues associated with bringing this project to fruition, creating a new energy efficiency opportunity, generating environmental and economic savings, and establishing an energy resilient infrastructure that will support vital life-saving structures for Atlantic City during city emergencies (e.g. weather emergencies).

Beyond providing the sound technical and economic basis proving the feasibility of this project, this report also examines two public policy options that need to be carefully considered: (1) a retail "bypass" option that would create a private wire network in Atlantic City requiring legislative changes to existing New Jersey statutes and subsequent supportive enabling regulation and, (2) a far more preferable model creating a partnership with Atlantic City Electric ("ACE") relying upon their distribution network modified to create "islanding" during weather and other emergency circumstances.

The proposed Atlantic City Microgrid delivers comprehensive societal benefits associated with energy efficiency gains, reduced environmental impacts as well as establishing the provision of resilient emergency medical and public shelter facilities. The study readily identifies that if there is the political will for all parties to work toward finding creative ways in seeing this project come to fruition, there is no better circumstance that presents the close geographic nexus of medical and public sheltering facilities, available generation assets, and customers excited about a microgrid initiative, anywhere else in the state of New Jersey.

Microgrid Technology and Necessary & Sufficient Components for Implementation

A Microgrid is an integrated energy system, intelligently managing interconnected loads and distributed energy resources, that are capable of operating in parallel with, or independently of, the existing utility grid. There are several societal benefits that stem from the implementation of a Microgrid including: enhanced efficiency, resiliency, security, savings, and sustainability. Overall, Microgrids are efficient social investments, in the sense that all impacted by them, benefit from them.

In order to implement a Microgrid a number of necessary and sufficient requirements must be achieved. All of which require certain parties to be involved to help push the process along. These requirements include: sufficient and available loads, scalable technology, utility collaboration, and governmental support. We will elaborate upon each of these below.

- Sufficient and Available Loads. In order to attain greater economies of scale, the load profile supported by the Microgrid must be of a certain magnitude. The greater the load, the greater the cost benefit to implementing a Microgrid. Microgrids also require an economically efficient use of a co/tri-generation source, meaning, utilizing production technologies that produce all utility services to customers, isolating them from all grid requirements to supply their thermal and electrical needs. Lastly, loads must be available. Potential customers need to be willing to join a Microgrid initiative and be the pioneers of today. Utilizing existing customers that are satisfied with their historical services and have great relationships with their current service providers, simplifies this process.
- Scalable Technology. Simple stated, appropriate generation technologies must be available and cost efficient to utilize for the Microgrid system. These two requirements govern all regarding technology and place no restriction on the integration of other generation sources. In time if other sources of technology become more cost effective and make the Microgrid more efficient than they should be integrated into the system. To be scalable, the technology utilized needs to be able to serve a growing customer base, and to evolve to do so in the most efficient means possible.
- Utility Collaboration. Both Electric and Natural gas Utility participation is required to support the implementation of a microgrid. Electric utilities supporting the utilization of their current distribution infrastructure and developing specialized electric distribution tariffs, will be essential in guiding the execution phase of implementing a Microgrid. Natural gas utilities will also need to provide assistance with distribution tariff negotiation in order to make it cost effective to operate a Microgrid system. Without the cooperation of local utilities, implementing a Microgrid cannot be achieved.
- Governmental/Regulatory/Legal Support. There are many ways in which it becomes crucial for governmental organizations to become involved with the development of a Microgrid. Historically, governmental investments in new energy applications are what enables opportunities to come to fruition. Aid provided through incentives related to taxes (SUT, Property, etc.), grants, or credit support, become extremely important to new applications such as these. Microgrid implementation also requires the assistance of regulatory agencies to help guide the collaboration between utilities and the Microgrid developers and expedite the permitting process.

The successful implementation of a Microgrid comes down to general economic theory. For any project to come to fruition, there must be active stakeholders contributing to the cause. And, in order for those stakeholders to seek involvement, there must always be a benefit derived from their contributions. The key players in the development of a Microgrid, as previously discussed, are potential customers, utilities, and governmental organizations. Below we will discuss the contributions required by each of these stakeholders, and their benefits derived.

- **Potential Customers.** To turn a Microgrid concept into reality, there must be a sizable group of customers willing to be pioneers of this groundbreaking initiative. If they join, their benefits are immense. The cost savings alone should drive a potential customer to want to join a Microgrid. Additional benefits (which may not hold monetary value but are benefits nonetheless) include the fact that they are pioneers of a cutting-edge initiative, and the positive social impact they have on their community.
- Utility Contributions. As we have previously discussed, utilities will have to be willing to permit the use of their in-place infrastructure and allow for creative tariff provisions. Their benefits include continued cost recovery and use of their sunk distribution investment, long term customer retention, increased resiliency and stress on an aging distribution system and social benefits produced through the creation/support of a Microgrid.
- **Government.** Support and leadership from governmental agencies and regulatory bodies will essentially drive the development of a Microgrid. When local government can bring together all constituents and decide to back a Microgrid initiative, they are promoting positive social impact, sustainable emergency and sheltering services, future economic development, retaining and expanding their current tax base.

Atlantic City Microgrid - The Perfect Candidate

Thus far, we have discussed what Microgrid's are, how they benefit society, and the requirements necessary to implement them. Due to the extensive requirements, it is often difficult to find an application that fits all of these criteria in a cost-effective way. However, after thorough analysis, we are certain that ACM Energy Partners, LLC (i.e. The Midtown Thermal Control Center) ("MTCC"), is the perfect platform for the implementation of a Microgrid in Atlantic City, NJ.

MTCC possesses and established customer base with:

- Sufficient aggregate electric and thermal load size,
- Efficient multi-energy production technology,
- Customers that are engaged and excited about a Microgrid initiative, and
- Existing physical utility connections for natural gas and electricity.

The alignment of these characteristics does not exist anywhere else in the state of NJ, making this the perfect opportunity for implementation. However, in order to successfully move forward and act on this opportunity, MTCC will need additional generation capacity installed to compete the Microgrid. MTCC will also require the assistance of the local electric (ACE) and natural gas (South Jersey Gas, "SJG") utilities, as well as support from governmental and regulatory bodies. With the collaborative support

from these parties, we are confident we can implement a successful application of a Microgrid through MTCC.

Midtown Thermal Control Center



The MTCC was originally developed under the banner of Atlantic Thermal Systems ("ATS"). DCO Energy, LLC ("DCO Energy") personnel, then employees of ATS, originated the concept and fully developed and operated the System until the end of 2000. In 2016, ACM, acquired the plant from PEPCO. This energy project emphasized the developer's long-term vision of a city-wide district steam and chilled water system, built in multiple phases. The system also utilizes production capabilities in two of the customer's locations perfecting the integration of distributed equipment into the system.

Existing MTCC Generation Technology:

The MTCC facility on Atlantic Avenue in Atlantic City has the capability of producing 6 megawatts of electricity from the Solar Taurus 60 Turbine; 66,000 lbs/hr of heat recovery from the Rentech Waste Heat Recovery unit; 18,000 tons of chilled water with fourteen centrifugal chillers; and 210,000 lbs/hr of boiler capacity-steam to provide thermal energy to its thermal customers through a network of piping over three miles in length. The facility also contains a 1-megawatt Emergency Generator. The current customers of these services include: Caesars Atlantic City Hotel & Casino, Bally's Atlantic City Hotel & Casino, Bally's Wild Wild West Casino, The Claridge, Boardwalk Hall, and The Pier Shops. Below are the current customer peak demands.

| Location | <u>Electric (MWs)</u> | Chilled Water (Tons) | Steam (MMBTU/hr.) | |
|----------------|-----------------------|----------------------|-------------------|--|
| Caesars | 5.2 | 3,700 | 50.0 | |
| Bally's | 7.9 | 5,200 | 45.0 | |
| AtlantiCare | 3.2 | 1,200 | 13.0 | |
| Boardwalk Hall | 2.1 | 640 | 21.0 | |
| Claridge | 2.0 | 730 | 18.0 | |
| Pier Shops | | 700 | | |
| MTCC | 10.5 | | | |
| Total Load | 30.9 | 12,170 | 147.0 | |

Currently, MTCC possesses all of the generation equipment necessary to serve thermal energy to all of the above customers. However, in order to serve all of the available aggregation of loads (inclusive of steam, chilled water, <u>and electricity</u>), additional generation equipment will need to be added to the facility.

Incremental Technology Required to Complete the Atlantic City Microgrid:

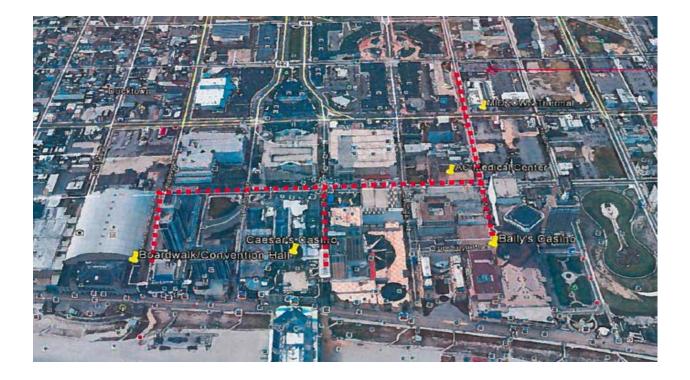
To complete the Atlantic City Microgrid, as identified under Option #2 and Option #3 within this study, an expansion of the current MTCC facility is required incorporating the following major equipment:

- Solar Taurus 70 Turbine-Generator (previously removed the Revel CHP Facility) accompanied by;
- 2 Thermax Absorption Chillers (displacing electricity otherwise consumed by electric chillers and lowering the economic heat rate for economic dispatch purposes)
- 2-2.6 megawatt Jenbacher natural gas reciprocating engines accompanied by;
- 2 Direct Fired Chillers producing a total of 1,182 tons of chilled water through waste heat recovery

These assets, combined with the existing MTCC infrastructure already in place, will form the basis of a combined heat and power facility of approximately 14 megawatts, and will add an additional 2,030 tons of chilled water from heat recovery, to the system. To increase the capacity of the microgrid further, and improve the efficiency of the system, the plan would also require the installation of 2-2.6 megawatt Jenbacher natural gas reciprocating engines, accompanied by 2 Direct Fired Chillers producing a total of 1,182 tons of chilled water through waste heat recovery. This would result in a total microgrid electric capacity of approximately 19.3 megawatts. Ultimately, through reconfiguration, the total chilled water production from heat recovery absorption and electric driven chillers would amount to approximately 21,212 tons.

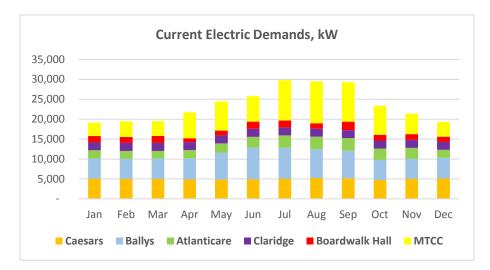
Advanced state of the art combined heat and power equipment will provide industry leading high efficiency thermal energy production, centralized coordination and dispatch of both electric and thermal recovery equipment.

Below is the geographical scope of this microgrid solution, identifying the existing customers the thermal distribution system and proposed electric generation will serve.



Atlantic City Microgrid - Proposed Electric Customer Base

As discussed, MTCC currently has the necessary equipment and infrastructure in place to serve all of its customers thermal energy, therefore, the focus of this study and the dialogue going forward, will pertain to our proposed new electric customer base. Supplying these customers electrical energy will complete the Atlantic City Microgrid system. It will also require ongoing collaboration between the parties discussed above, to turn this concept into a reality. Boardwalk Hall, the Claridge Hotel and the combined resort and casino properties of Caesars and Bally's form the basis of the electric microgrid, along with the new inclusion of AtlantiCare Regional Medical Center. For the purposes of this study, MTCC is also categorized as a customer to the system as it will be utilizing electrical energy for its internal needs. The buildup of the proposed electric customers current peak demands is summarized in the chart below. The chart is followed by further details regarding each of these customers.



Proposed Electric Customer Base

This section will take a closer look at each Atlantic City Microgrid customer in terms of size, energy use/cost and applicability as a "critical facility". The following entities are customers of the Atlantic City Microgrid:

- Caesars Atlantic City Hotel and Casino
- Bally's Hotel and Casino
- AtlantiCare (Atlantic City Regional Medical Center)
- Boardwalk Hall
- The Claridge Hotel
- Midtown Thermal Control Center

Each proposed customer has a sizable energy requirement and footprint within Atlantic City which provides for the opportunity to capture economies of scale and deliver an economically superior Microgrid solution. Additionally, all customers of the Atlantic City Microgrid can be considered "critical facilities" in some capacity that can be utilized during a weather or humanitarian emergency for shelter and emergency services. Below is an outline identifying each critical facility and FEMA classification if applicable.

Critical Facilities and FEMA classifications of Atlantic City Microgrid Customers:

- AtlantiCare Regional Medical Center is a FEMA category IV inpatient health facility a 276-bed teaching hospital, as well as the region's only Level II Trauma Center. Category IV buildings and structures include hospitals, police stations, fire stations, emergency communication centers, and similar emergency facilities, as well as ancillary structures required for the operation of these facilities during an emergency.
- **Boardwalk Hall** is classified as a special District government building used for public assembly and as such it is a FEMA category III public shelter facility. Boardwalk Hall is a multi-purpose facility located on the iconic Atlantic City Boardwalk and includes the 141,000-square-foot main arena with a capacity of 14,770 seats, as well as the 23,100-square-foot Adrian Phillips Ballroom with a capacity of 3,200.

Category III includes such structures as theaters, lecture halls, and elementary schools, prisons, and small healthcare facilities.

• **Caesar's Resort and Casino, Bally's Resort and Casino** and **the Claridge Hotel** are not classified in FEMA's category structure. These facilities, however, would be available to assist AtlantiCare regional Hospital in the housing of hospital personnel, doctors, nurses, and other emergency support staff. These facilities may also be available for ambulatory patient housing as may be needed as well as food preparation services for those housed in other shelters.

Caesars Bathy Caesars

Atlantic City Microgrid Customer Descriptions and Map

Caesars Atlantic City Hotel & Casino



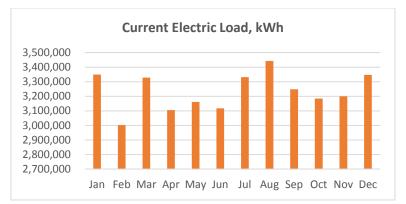
Caesars Atlantic City Hotel & Casino is located on Pacific Avenue. The facility has a peak electric load of approximately 5 MW, and peak thermal loads of 3,700 tons and 50 MMBTU/hr of steam. The facility currently purchases chilled water and steam from MTCC, and electric from ACE.

The square footage of gaming portion of the facility is approximately 115,000 square feet. The resort has 1,141 guest rooms and suites, gourmet and casual restaurants, retail stores, a Spa, and a state-of-the-art fitness center.

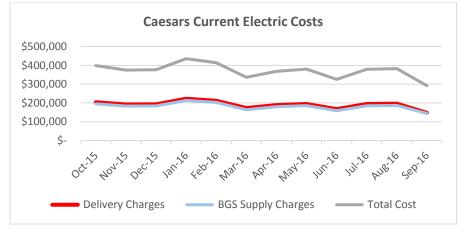
The proposed project is approximately .4 miles from MTCC. The facilities are connected by a private right of way that currently connects them thermally.

The electric load analysis is based upon Caesar's normalized annual usage data, as well as billing data compiled from October 2015 through September 2016. Overall, the average monthly kilowatt hour consumption is approximately 3,234,634 kWh with a peak demand of about 5.2 MW.





ACE delivery charges are around \$190,228 per month and their electric supply charges are around \$181,808 per month, on average. Caesar's Resort spends approximately \$4.486 million on electricity per year, of which, about \$2.282 million is paid for delivery charges and the remaining \$2.181 million for supply charges.



Currently, ACE meters the Caesar's resort load at four locations within the complex. The major accounts are split between the Coliseum Garage for lighting and elevator services (demand of approximately 381 kW), and the other two resort casino accounts make up the remaining 4,731 kW of electric service demand.

Bally's Hotel and Casino

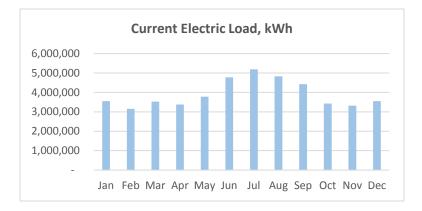


Bally's Atlantic City Hotel & Casino includes the Wild West Casino Hotel located on Pacific Avenue. The facilities have a peak electric load of approximately 7.9 MW, and peak thermal loads of 5,200 tons and 45 MMBTU/hr of steam. The facility currently purchases chilled water and steam from MTCC and electric from ACE. The facilities are connected by a private right of way that currently connects them thermally.

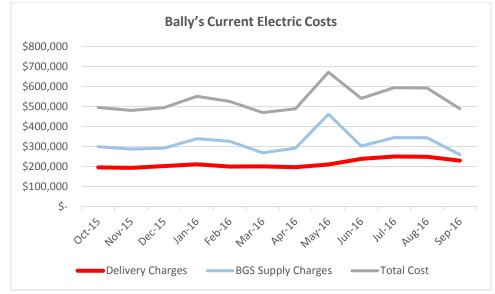
The square footage of the gaming portion of the facility is approximately 121,000 square feet, and the resort has 1,251 guest rooms and suites, a theater, an in-season beach bar, a 40,000-square foot spa, a state-of- the art fitness center, sport courts and an indoor swimming pool. The proposed project is approximately 0.2 miles from MTCC.

The electric load analysis is based upon Bally's normalized annual usage data, as well as billing data compiled from October 2015 through September 2016. Overall, the average monthly kilowatt hour consumption is approximately 3,908,069 kWh with a peak demand of about 7.9 MW.





ACE delivery charges are around \$158,860 per month and their electric supply charges are around \$249,741 per month, on average. Caesar's Resort spends approximately \$4.903 million on electricity per year, of which, about \$1.906 million is paid for delivery charges and the remaining \$2.997 million for supply charges.



AtlantiCare (Atlantic City Regional Medical Center)



AtlantiCare Regional Medical Center, located on Pacific Avenue, is a 276-bed teaching hospital, as well as the region's only Level II Trauma Center. It was also Atlantic City's first hospital, founded in 1898. For more than a century, the hospital has remained a regional leader in acute care services. The AtlantiCare facility has a central boiler and chiller plant to provide its heating and cooling needs and purchases its electric from ACE. The hospital has a peak electric load of approximately 3 MW, and peak thermal loads of 1,200 tons and 13 MMBTU/hour of steam.

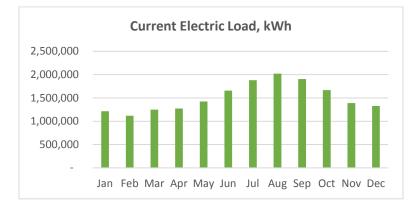
The total square footage of the medical center campus in Atlantic City has not been fully determined, however, in 2007, AtlantiCare Regional Medical Center completed construction on the George F. Lynn Harmony Pavilion, noted as a \$98 million, 198,000 square foot addition to the Atlantic City campus.

The proposed project is separated from MTCC by a diagonal crossing of Atlantic Avenue at South Ohio Street, a distance measuring a total of 145 feet door to door.

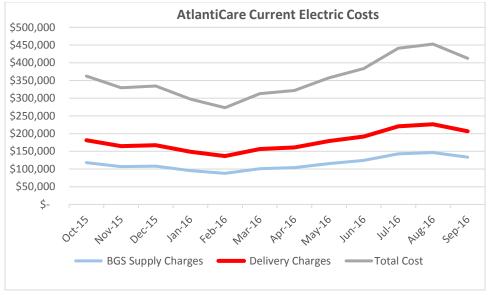
AtlantiCare Regional Medical Center is currently not receiving thermal energy from the Midtown Thermal Facility, however, the thermal piping infrastructure required to include AtlantiCare's entire facility into the thermal network is relatively minor due to the location's proximity to existing rights of way, and the crossing of a single public right of way as is permitted under the Board of Public Utility regulations governing contiguous property guidelines.

The electric load analysis has been based upon AtlantiCare's normalized annual usage data, as well as the hospital billing data compiled from October 2015 through September 2016. Overall, the average monthly kilowatt hour consumption is approximately 1,511,406 kWh with a peak demand of about 3.2 MW.





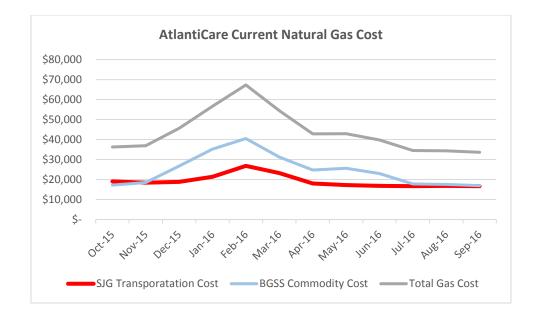
Monthly ACE delivery charges are approximately \$63,076 per month and their electric supply is furnished by Noble Americas Energy Solutions at a rate that has not been shared. It is expected, however, that these charges are likely in the range of \$115,273 when calculated at the ACE BGS rate for Energy Year 2017. AtlantiCare spends approximately \$2.14 million on electricity per year, of which, about \$757,000 is paid to ACE for delivery charges and the remaining \$1.38 million to Noble Americas Energy Solutions for third party supply charges.



The AtlantiCare facility is the only prospective microgrid customer that does not currently receive thermal energy from MTCC. It is anticipated that the inclusion of AtlantiCare into the microgrid will encompass the provision of thermal services as well as electricity.

The facility's central boiler and chiller plant that is currently providing its heating and cooling needs has peak thermal loads of 1,700 tons and 25,000 lbs./hour of steam. The natural gas required to produce this thermal requirement is approximately 62,423 therms per month. Overall, the natural gas demands peak in the winter (January through March), but remain relatively constant, in the range of 50,000 to 60,000 therms per month, during the remainder of the year.

Natural gas transportation is supplied by South Jersey Gas at an average monthly cost of approximately \$19,176. The Commodity cost based upon South Jersey Gas monthly BGSS tariff costs are \$24,590 per month, on average.

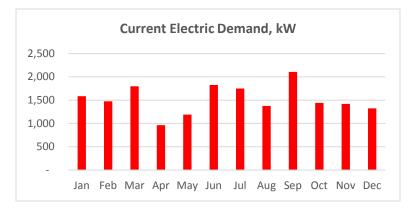


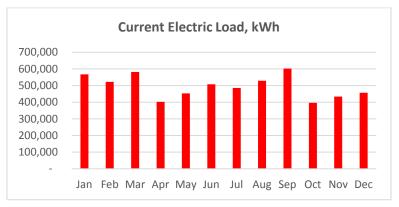
Boardwalk Hall



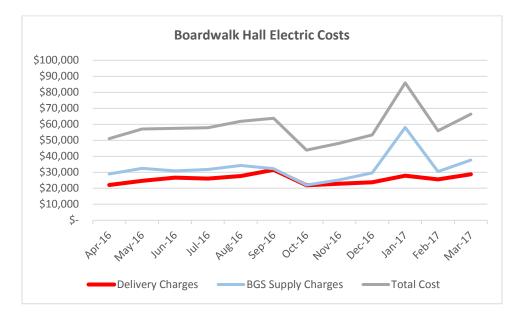
Boardwalk Hall, formally known as the Historic Atlantic City Convention Hall, is located off Pacific Avenue. Boardwalk Hall is a multi-purpose event facility located on the iconic Atlantic City Boardwalk and includes 141,000-square-foot main arena with 14,770 seats, and a 23,100-square-foot ballroom with a 3,200-person capacity. The facility purchases its electric from ACE and purchases chilled water and steam from MTCC. Boardwalk Hall's peak electric load is 2.1 MW, and its thermal peaks are 640 tons of chilled water and 21 MMBTU/hr of steam. The proposed project is approximately .6 miles from MTCC. The facilities are connected by a private right of way which currently connects them thermally.

The electric load analysis is based on Boardwalk Hall's normalized annual usage data, as well as billing data compiled from April of 2016 through March of 2017. Overall, the average monthly kilowatt hour consumption is approximately 494,900 kWh with a peak demand of about 2.1 MW.





ACE delivery charges are around \$27,328 per month and their electric supply charges are around \$34,063 per month, on average. Boardwalk Hall spends approximately \$736,691 on electricity per year, of which, about \$327,930 is paid for delivery charges and the remaining \$408,761 for supply charges.



Currently, ACE meters the Boardwalk Hall load at two locations within the complex. The major accounts are split between the Convention Center "West" facility and the Convention Center "Finance", which

accounts largely for lighting and elevator services. The load impacts of the annual Miss America Contest (in September of each year) increase demand to approximately 2,106 kW.

The sporadic event schedule at Boardwalk Hall creates relatively low capacity factors, far below the other three microgrid load centers which have more stable loads and relatively flat demands.



The Claridge Hotel

The Claridge Hotel is located at Park Place and the Boardwalk. Originally opening in 1930, the Claridge Hotel is 1,156,000 sqft, 24 story, 400 room hotel which is owned by Radisson Hotels since 2016. The facility has a peak electric load of approximately 2 MW, and peak thermal loads of 730 tons and 18 MMBTU/hr of steam. The facility currently purchases chilled water and steam from MTCC, and electric from ACE.

Microgrid Potential

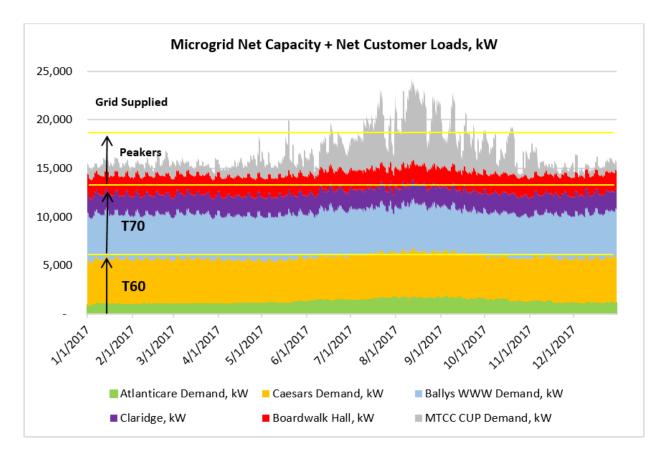
After extensive analysis breaking down the customer load data and generation potential on an hourly basis, we were able to forecast how the microgrid system will operate to meet the required revised customer loads for electric and thermal energy. Below is a revised summary of customer peak demands, along with the microgrid electric and thermal capacity build up. The most significant adjustments made to current figures is to the Bally's and AtlantiCare peak electric demands, which has decreased by ~2 MW by stripping out the electric required to produce chilled water via their onsite electric chillers. This chilled water load will be supplied through the microgrid thermal system, and their less efficient onsite equipment will no longer need to be utilized. It is important to note during an emergency situation, the MTCC facility will be able to support the full load of all customers identified within the Atlantic City Microgrid.

| Location | <u>Electric (MWs)</u> | Chilled Water (Tons) | Steam (MMBTU/hr.) |
|----------------|-----------------------|----------------------|-------------------|
| Caesars | 5.2 | 3,700 | 50.0 |
| Bally's | 5.5 | 5,200 | 45.0 |
| AtlantiCare | 2.0 | 1,200 | 13.0 |
| Boardwalk Hall | 2.1 | 640 | 21.0 |

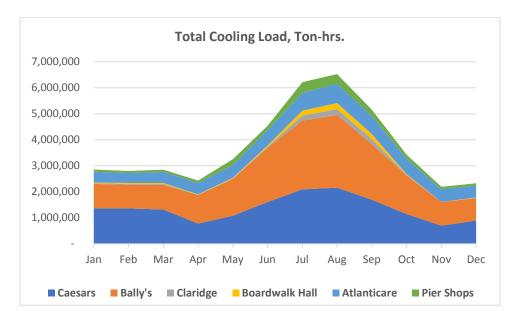
Peak Demand Summary:

| Claridge | 2.0 | 730 | 18.0 | |
|----------------------------|--|---|--|--|
| Pier Shops | | 700 | | |
| MTCC | 9.3 | | | |
| Total Microgrid | 26.1 | 12,170 | 147.0 | |
| Revised Load | 20.1 | 12,170 | 147.0 | |
| MTCC Microgrid Capacity | 6.0 – Solar T60 8.0 – Solar T70 <u>5.3 – 2x J616</u> Total 19.3 | 2,030 – Absorption. 1,182 – Direct Fired <u>18,000 – Electric</u> Total 21,212 | 66.0 – HRSG <u>210.6 – Auxiliary</u> Total 276.6 | |

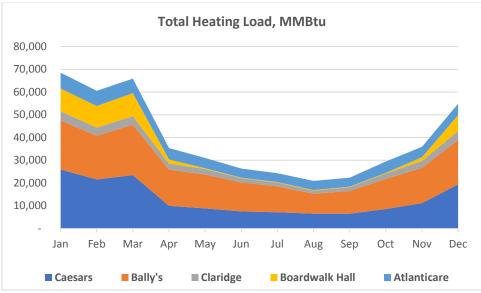
On an hourly basis the Atlantic City Microgrid solution provides the best possible fit for the most efficient production of electric and thermal energy. The below graph shows the stacked hourly customer electric loads in a normalized year, with each piece of the MTCC generation equipment stacked to meet those required loads. The T60 and T70 will be base loaded, running whenever they are available, and the peakers will load follow, running only when demand exceeds the combined T60 + T70 production. Peaker dispatching capabilities are countless as we will be able to run one or both engines, at part or full load, at any given point in time. These units also only take approximately 15 minutes to ramp up, allowing operations to turn the engines up and down on demand. The additional electrical requirements, above the peak capacity of all 3 generation sources, will be supplied by ACE. The Atlantic City Microgrid design drastically limits the amount of energy ACE would be required to supply.



Therefore, the appropriately sized generation equipment is selected complete the microgrid by producing enough electricity, throughout the majority of the year, to serve the aggregate customer electric loads.



The following stacked thermal loads will also be fully served by the combination of the identified thermal generation equipment at MTCC.



Based on our analysis thus far, implementing and utilizing the generation equipment discussed to serve the customers we have identified, will enable us to successfully create the microgrid system. The next phase of implementation, which will require creative collaboration with the local utilities (ACE and South Jersey Gas) and local governmental organizations (BPU, City, etc.), will determine the realistic applicability of this microgrid concept.

Executing the Microgrid: Potential Paths Forward

After careful consideration of the available customer base, geographic location and existing utility infrastructure, we see three distinct implementation options available going forward:

(Option #1) - Current Business Practice,(Option #2) - A Private Microgrid, or(Option #3) - A Long-term Utility Hybrid Tariff Model.

The resulting study made it clear that Option #3 represents the best microgrid solution creating the largest positive social benefit and economic value for all participating stakeholders. Options #1 and #2, while attainable, fall short in optimizing the established economies of scale and infrastructure which this potential microgrid opportunity presents.

Each alternative is also examined in terms of their compliance with existing legislative and regulatory requirements under Title 48 of the New Jersey statutes, as well as potential policy alterations that might be required in either the current New Jersey statutes or administrative codes as promulgated by the Board of Public Utilities under their regulatory authority.

Below is a description of each available option. For the purposes of this study we will focus primarily on Option #2 and #3 which represent the available microgrid solutions for Atlantic City.

Option #1 Current Business Practice:

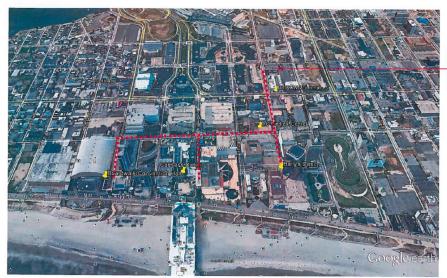
Executing this option would simply mean that MTCC would abandon the microgrid approach in its entirety and focus on expanding their current customer base by adding AtlantiCare Regional Medical Center and develop a new cogeneration facility on either Caesars or Bally's property to serve both customers electrical energy, in addition to the thermal energy they already receive. This option would result in the following:

- Building thermal connection to AtlantiCare to supply chilled water requirements, process steam, and heating from MTCC.
- Cross Atlantic Ave/South Ohio Ave diagonally and sell electricity to AtlantiCare as "on-site" generation.
- Build new CHP facility on lands owned by Caesar's feeding Bally's property as a contiguous "onsite" load.
- Boardwalk Hall would continue to receive thermal "only" energy from MTCC.

This option would generate substantial savings to all customers involved. However, this is clearly not a microgrid concept, and therefore, the social and economic benefits of a microgrid will not be attained. Additionally, ACE will lose delivery revenues from the customers that will receive electrical energy from MTCC under this option. These lost revenues will ultimately be absorbed by New Jersey ratepayers. The state would also lose all contributions to SBC, RGGI, and other societal costs through this approach's implementation. This option provides the least amount of social benefit to all stakeholders as the existing economies of scale and infrastructure are underutilized and the benefits of a microgrid are abandoned.

Option #2 Private Microgrid:

As can be seen in the attached annotated photograph below, MTCC already has a network of rights of way that currently create the longitudinal pathway to each of its existing thermal customers. With a change in law and some nominal alteration to include the AtlantiCare facility, these same rights of way and existing vaults could be adapted to include the conduit and manhole system required to serve these customers directly under a long-term power purchase agreement between ACM Energy Partners, LLC and each microgrid customer. Therefore, under this option ACE would no longer service the customers of the microgrid except for the provision of standby services. This model would require the construction of a private wire network that would parallel the existing thermal route right of way in the public thoroughfares of Atlantic City. It is envisioned that these in street conduits would be encased in concrete to avoid any confusion with existing utility infrastructure and all required manholes would be locked. The cabling would be installed in close proximity to the existing thermal system, extending from the central facility to each of the proposed microgrid customers.



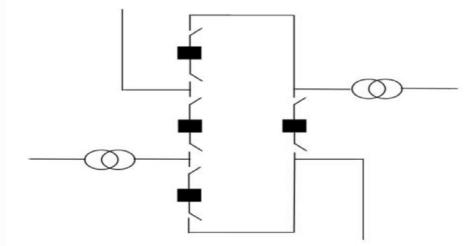
Proposed Generation for AC Microgrid, Units 1 thru 4

> Ductbank for radial pathway with loop 23KV feeders (conceptual)

All electric use would be metered for billing purposes by MTCC with associated check and demand metering installed by ACE as may be required for the provision of their standby services support.

The business model under this option would require a statutory change to permit the construction of a private wire network narrowly drawn to circumstances where such construction would be permitted to enhance public safety during weather and other emergency circumstances providing resilient energy services for both hospitals and public shelters on a continuing basis.

Under this scenario, the microgrid customers would be served from their own substations in a ring bus configuration as shown below with all breakers in a normally closed position.



Ring Bus Configuration

This option would generate the most savings for the microgrid customers as they would be avoiding the full retail cost of ACE service, adjusted only by distribution standby costs. Clearly, with both the existing sales tax incentive for remote connection to the combined heat and power facility and the level of charges currently imposed by ACE for electrical distribution services, these customers could be offered an attractive long-term alternative to their current utility charges.

While this option would require ACE to provide standby service at current tariff rates, the "add back" costs associated with the provision of that tariff also creates the opportunity to having all other customers make a financial contribution to receiving the values associated with the resilient microgrid. To that end we would seek Board determination of the inclusion of a straight discount to the current standby charge. This discount could be based upon the creation of a new "pilot microgrid resiliency" standby tariff that would recognize standby costs on an outage deterministic or probabilistic basis rather than the current peak outage provisions. In addition, that only one of the two circuits currently feeding the customers would be needed in the calculation of cost for the standby service.

The same negative impacts exist here as with Option #1, in addition to the fact that this option creates unnecessary duplication of distribution assets. While this option would create the microgrid resiliency, public shelter and life sustaining values sought, and create significant and sustainable cost savings for all of its participants:

- There is no societal benefit or purpose in creating a duplicative private wire network. ACE is best positioned to operate and maintain the distribution network required for a microgrid solution.
- ACE ratepayers would ultimately be required to "make-up" for the lost revenues in the next base rate case.
 - Legislated "decoupling" is on the horizon.
- ACE's shareholders would lose earnings on the lost throughput revenues and the rate base earnings that would otherwise flow from the distribution investments required.

We therefore view Option #2 as a second resort to working together with ACE to find creative solutions in successfully implementing a microgrid, through Option #3.

Option #3 Long-Term Utility Microgrid Tariff Contract:

Option #3 expands the current MTCC facility with the generation equipment previously mentioned and utilizes the current utility infrastructure providing economic benefit to all stakeholders. This is the least expensive option for all stakeholders, including ACE customers, and provides the greatest social benefit and efficient use of existing resources. The model concept revolves around the implementation of two primary components:

- **Component 1** ACE Microgrid Tariff: Develop a partnership between ACE, microgrid customers and MTCC by entering into a "Microgrid Tariff" under terms that would not expose ACE, its customers or ratepayers to undue financial risk. The resulting tariff would deliver an economic model that would be far more favorable to all stakeholders than the alternative private wire network option discussed under Option #2.
- **Component 2** (SJG Microgrid Tariff): Develop a partnership between South Jersey Gas and MTCC entering into a "Microgrid Tariff".

Component 1 – ACE Microgrid Tariff:

The proposed Microgrid Tariff would be applicable for a period of 25 years and would enable ACE to receive all power generated from MTCC and then deliver this power via their existing distribution assets to all identified Microgrid Tariff customers. The mechanics of the Microgrid Tariff structure would be as outlined:

- 1) MTCC would deliver to ACE on a monthly basis its net kWh output from all generation sources.
- 2) All microgrid customers would continue to be retail customers of ACE, and ACE will continue to serve all microgrid customers full load at existing tariffed rates less New Jersey Sales and Use Tax (NJ SUT) as is provided under current law. (Chapter 240 Laws of 2010)
- 3) ACE would continue to collect monthly electric revenues from all microgrid customers for electric distribution and supply as they do today. (The current microgrid customer avoided \$/kWh cost is roughly .09/kWh which does not include NJ SUT)
- 4) On a monthly basis, ACE would retain between \$.005 and \$.015/kWh as per the new Microgrid Tariff for allowing ACM the use of their existing distribution system and their delivery of power to microgrid customers.
- 5) On a monthly basis, ACE would then provide a credit to ACM for delivered energy into ACE's distribution system for the differential of the microgrid customers avoided \$/kWh cost (roughly \$.09/kWh) less the \$.005 to \$.015/kWh charge for use of the ACE distribution system.

The proposed structure is the most efficient use of utility distribution assets and requires minimal manipulation from a billing perspective. Under this option all microgrid customers would continue to be retail customers of ACE, and ACE will continue to serve all the customers, but according to a new "Microgrid Tariff" rate schedule. This new tariff will be based on a Cost of Service study we hope to execute in the near future, determining Atlantic City Electric's true cost to serve the microgrid customers. Considering the fact that there are no transmission assets associated with the

provision of this power to the microgrid customers, these charges should rightly be deleted from Atlantic City Electric's electric supply costs in its current tariff. The distribution costs associated with the cost of electric delivery charges to these microgrid customers should also be more fairly calculated on an actual cost to serve basis due to the proximity of these customers to the load serving entity, and the limited distribution assets required to serve these customers. A cost of service study considering this close proximity would bear out these reduced costs. ACE is now in for a base rate case and we could set up a new "microgrid" tariff specifically to support this option.

Moreover, in order to create an economic incentive for the microgrid customers, we propose that the customers remain eligible for the 6.625% sale and use tax discount since Atlantic City Electric will be purchasing the microgrid energy from ACM and passing it through to the eligible thermal customers of the combined heat and power facility. This <u>may</u> require a technical amendment to the current statute to permit EDC "resale" of electric energy sourced from a CHP and ultimately delivered to a thermal customer of the microgrid. Under this option ACE will also need to install isolation breakers to permit microgrid "island mode" as required by weather circumstances.

Component 2 - SJG Microgrid Tariff:

This same opportunity also exists for creating a natural gas tariff model similar in structure to recent negotiated EGS-LV agreements that would provide for additional savings over current tariff structures for natural gas costs. The term of the agreement between SJG and ACM Energy Partners, LLC would be coterminous with the 25-year ACE tariff. Under a negotiated EGS-LV tariff, we will need to explore opportunities to commensurately reduce the Societal Benefits Charges or other tariff costs by complying with the standard terms and conditions of section 11.2 of the tariff. ACM proposes a negotiated D-1 Demand Charge of \$2.50/MMBtu and a reduction of SBC and EET \$/MMBtu charges to 12% of the EGS-LV published tariff rates as of 8/20/18. These negotiated, and subsequently approved gas tariff discounts would help support the operating expenses and financing of the AC Microgrid.

Option #3 would generate the revenue stream required under a 25-year contract to both finance the project at the lowest possible cost, and to operate and maintain the project over its depreciable life. This option importantly leaves the existing utility distribution infrastructure in service, as rate base rate of return infrastructure operated and maintained by the franchise utility. The base objective of this option is to mitigate any base cost shifting from the project to ACE's customer base in future base rate proceedings, as well as protect ACE and SJG's current delivery revenues.

Under this scenario the economic benefits that would flow to the microgrid customers would be the 6.625% reduction in sales and use tax that each of these participants would be eligible to receive under the current statutory provisions, that remote thermal customers thermally connected to a combined heat and power facility can take advantage of this SUT discount for all electric services. Billing will be simplistic in nature with all current billing services for thermal and electrical energy remaining intact for all microgrid customers. Only the addition of a simple monthly invoice from ACE to MTCC will be generated that identifies the monthly charges/credits for delivered MTCC power to ACE consisting of:

• ACE's \$.005 to \$.015/kWh microgrid tariff fee for each MTCC kWh delivered into ACE's distribution system and

• A revenue credit provided to MTCC for each MTCC kWh delivered into ACE's distribution system.

The proposed utility connections under this arrangement would be arranged as follows:

- ACE The current MTCC utility interconnect would become more robust in enabling the requested incremental microgrid generation to be connected in parallel to the existing local ACE distribution network. An ACE agreement between ACM Energy Partners, LLC will enable up to 19MW of power to be delivered into ACE's distribution system. Additionally, isolation breakers would be installed to permit microgrid "island mode" as required by weather circumstances. With the implementation of the Microgrid Tariff we do not believe there are any PJM or FERC related issues to address. (Please view the Appendix for one-line diagrams and general arrangements of the proposed microgrid solution).
- SJG The current MTCC utility interconnect with SJG would be utilized and expanded to include the appropriate metering stations for each new source of generation. All critical facilities of the microgrid will continue to receive service as the do today directly from SJG.
- Thermal Interconnections Thermal interconnections for both chilled water and steam are existing for four of the five proposed customers. MTCC would develop and construct the contiguous thermal interconnection with AtlantiCare Regional Medical Center as part of this initiative.

A detailed description of black start and operation and over what time period in island mode and in sync with the distribution system.

Currently the Midtown Thermal Control Center has 1MW of diesel generation that can be employed to bring the turbines online to full power first then powering up the JGS 616 engines as necessary to support required electric loads. It is envisioned that this time that the customer breakers would be opened and sequentially closed in order to bring all services back online in a staged protocol. Inasmuch as the microgrid would be running in island mode should there be an outage, the disconnects to Atlantic City Electric would already be open at each of the customer substation facilities.

At this time, the expense of installing energy monitoring equipment that would provide for the automatic recovery of each facility is not justified inasmuch as these facilities will be manned and manual restoration procedures can be employed with minimal increases to outage periods.

In summary, the societal benefits associated with energy efficiency gains, reduced environmental impacts as well as establishing the provision of resilient emergency medical and public shelter facilities should weigh heavily into the cost/benefit analysis determining the execution of this microgrid. If there is the political will for all parties to work toward finding creative ways to seeing this project come to fruition, we doubt there is a better circumstance that presents the close geographic nexus of medical and public sheltering facilities, available generation assets, and customers excited about a microgrid initiative, anywhere else in the state of New Jersey.

Regulatory Framework/Impacts & Statutory Considerations

Option #1 - Current Business Practice - NA

Option #2 - Private Microgrid:

Chapter 240 Laws of 2010 section 4 states:

C.48:3-77.1 Utilization of locally franchised public utility electric distribution infrastructure.

4. In order to avoid duplication of existing public utility electric distribution infrastructure, and to maximize economic efficiency and electrical safety, delivery of electric power from an on-site generation facility to an off-site enduse thermal energy services customer as defined in section 3 of P.L.1999, c.23 (C.48:3-51), shall utilize the existing locally franchised public utility electric distribution infrastructure. The New Jersey electric public utility having franchise rights to provide electric delivery services within the municipality shall provide electric delivery services at the standard prevailing tariff rate that is normally applicable to the individual off-site end-use thermal energy services customer.

With respect to the issue raised involving electrical safety it is difficult to envision a field circumstance where utility workers could confuse utility infrastructure with high voltage electrical cables installed in the microgrid. First, the microgrid electrical cables would be installed in to the high-pressure steam and chilled water distribution system vaults for their entire run from the Midtown facility to the end use customers. The duct banks installed would be encased in concrete in public right of ways and any manholes or points of access to these facilities would be locked. Interconnection points with the utility distribution grid would be through breakers and switches in a ring bus arrangement per industry standard. Today, there are thousands of renewable energy interconnections with the utility grid, and operating protocols have been sufficient in eliminating any potential hazards due to confusion. In addition, field safety protocols for required underground mark outs have been successful, and cables are traditionally "speared" prior to being cut completely, eliminating any possibility of personnel cutting into live cables. While utility interconnections with renewable generation and other third-party generation resources were less common when this law was signed eight years ago, today it is a commonplace part of utility operations. Electrical interconnection safety is not an issue that is relevant within the context of operating today's utility infrastructure.

The "economic efficiency" raised in the law, however, is an important issue to utility economics for both shareholders and ratepayers. Stranding utility investment in distribution infrastructure is not a desirable outcome, however, in the absence of successfully working with the utility through the economics of a potential solution (such as option #1), we think that the legislature would place public safety before utility economic interests.

We are of the opinion, therefore, that a narrowly crafted amendment to the language referenced above would place the public safety priorities of the community in proper perspective with other economic concerns.

C.48:3-77.1 Utilization of locally franchised public utility electric distribution infrastructure.

4. In order to avoid duplication of existing public utility electric distribution infrastructure, and to maximize economic efficiency and electrical safety, delivery of electric power from an on-site generation facility to an off-site enduse thermal energy services customer as defined in section 3 of P.L.1999, c.23 (C.48:3-51), shall utilize the existing locally franchised public utility electric distribution infrastructure. The New Jersey electric public utility having franchise rights to provide electric delivery services within the municipality shall provide electric delivery services at the standard prevailing tariff rate that is normally applicable to the individual off-site end-use thermal energy services customer. However, in specific cases where hospitals, emergency healthcare facilities, public and private shelters can be served by private wire networks installed in or on public rights of way to provide resiliency electricity services independent of the utility grid, the Board may approve on a case by case basis applications made for exemption from this requirement in order to promote public safety.

Option #3 - Long-term Utility Hybrid Tariff Model:

Since ACE and SJG would be entering into a long-term microgrid tariff agreements with ACM Energy Partners, LLC, the only authority required would involve the review and subsequent approval by the Board of Public Utilities of the proposed ACE Microgrid and SJG Microgrid tariffs.

The ACE Microgrid "alternative distribution tariff" would require the creation of a Microgrid Resiliency Alternative Distribution Tariff filing that would then delineate the process for creating an alternative cost model used to establish the revenue credit ACE would receive on a kWhr generated basis and the otherwise applicable ACE tariff rate less NJ SUT microgrid customers would receive from ACE.

The new thermal connection to the AtlantiCare facility would require no action other than local City approval for a road opening of Atlantic Avenue at South Ohio Street. This option would require no modification to existing state regulation or statute.

ACE would continue to own and operate all electric distribution facilities on and in public rights of way.

The economic and financial data presented in the next section of this analysis shows the advantages of working cooperatively with Atlantic City Electric in the further development of this microgrid project.

Additional Legislative and Regulatory Considerations:

The AtlantiCare facility is located diagonally across the intersection of Atlantic Avenue and South Ohio Street. While the Board has issued a declaratory ruling on April 17, 2017 (below), it may be appropriate to use this opportunity to amend the law appropriately to end this continuing debate. By amending the "on-site generation facility" definition to include the very narrow exception of diagonally crossing the intersection of two public thoroughfares, we would clear any potential confusion regarding the application of this definition to Atlantic City's AtlantiCare emergency facility.

April 17, 2017 BPU Declaratory Ruling:

After reviewing the record in the light of N.J.S.A. 48:3-51, the Board FINDS that the end use properties are contiguous to the proposed Cooper CHP project for purposes of its electric and thermal output. For purposes of thermal output, the property containing the CHP and the property to which the thermal output is delivered may be separated by "more than one easement, public thoroughfare, or transportation or utility-owned rightof-way..." N.J.S.A. 48:3-51. For purposes of electric output, a property is "contiguous" if it is located "geographically next to" the property containing the CHP, except that it "may be otherwise separated by an, easement, public thoroughfare, transportation, or utilityowned right of way..." Ibid.

Narrowly drawn exemptions such as those referenced above have the potential to create additional economic value that can be applied to the project economics.

Permits, permit issuing agencies, and estimates of timeframe for issuance:

- The Title V air permit represents the most significant permit application needed prior to project development. Typically, combined heat and power projects are given priority status by the New Jersey Department of Environmental Protection. We expect the modeling, analysis, and approval process will take approximately 12 months from the initiation of the application process with the DEP.
- The street opening permits, construction permits, demolition permits, and other permitting requirements all fall upon the city of Atlantic City for approval. We do not expect there to be any delays associated with receiving these permits.

Project Economics

The all-in capital costs associated with the creation of this microgrid include the installation of all necessary equipment, EPC services, soft costs, interest during construction, and estimated financing expenses. These expenses total to approximately \$45MM. This \$45MM value assumes a general cost component in the total amount of \$2MM to support the interconnection cost requirements of each local utility. This estimate is based on discussions with EDC and GDC utility representatives. In order for the economics of this project to make sense, ACM Energy Partners, LLC will need to successfully convince the current customer base to join the microgrid (continue to receive service from ACM), successfully contract the potential new customers discussed (receive thermal energy from ACM), and develop Option 3 above – negotiating a hybrid tariff with ACE for the receipt, delivery and sale of electrical energy produced from the microgrid. We are confident enough to assume the first two conditions will be met, and ACM will continue to generate thermal energy savings for its current and future customer base. The key to financeable project economics then becomes the successful development of a hybrid tariff between ACM and the local EDC and GDC. Upon final confirmation of capital, fuel, financing and load estimates an amount between \$.005 to \$.015/kWh can be verified as the amount payable to ACE under the proposed microgrid tariff.

Keeping in mind the interests of both parties we developed the following deal points under the hybrid tariff contract option – these are the basic economic principles that enable this option to succeed:

- ACE continues to serve microgrid customers electrical energy at tariff rates less sales tax of 6.625%
 - $\circ~$ All-in \$/kWh charge for these customers less the NJ SUT is estimated to be about \$0.09/kWh
- MTCC microgrid all-in cost to produce electricity and maintain cost structure is roughly \$0.07/kWh
- ACE retains the spread of \$0.005 to \$.015/kWh, which would preserve roughly 35% to 50% of the current charges for all non-commodity distribution services
- SJG EGS-LV Microgrid Tariff consisting of a \$2.50 D-1 Charge and in-kind proportional reduction to SBC charges.

In summary, based on our analysis we have concluded that the economics of the current circumstance (option 1) could result in retail displacement that will create significant costs to ratepayers through the replacement of lost revenues. Additionally, this same economic framework exists for the creation of a private wire network (options 2) subject to the support of the New Jersey legislature narrowly creating resilient alternatives for: public shelter, emergency medical services, and support for populated urban centers. The hybrid contract, however, promotes minimum capital and operating expenses, leaves Atlantic City Electric with the responsibilities they are best equipped to continue to handle, and does so preserving as much utility revenue as possible to minimize the cost to Atlantic City Electric's ratepayers. South Jersey Gas will deliver more volume of natural gas to MTTC while continuing to serve microgrid customers their basic natural gas requirements as they do today.

Cash Flow Evaluation

Option #2 and Option #3 create an incremental project to an existing functional combined heat and power facility. The incremental cash flow supporting this microgrid effort is simply the revenue retained by MTCC for the delivery of electric generation on a per kWh basis into ACE's distribution system. Incremental year 1 revenues under Option #3 for this delivered power are anticipated to be the following:

- ACE Revenue Microgrid Tariff Delivery Fee: \$1.7 million. (112,900,000 kWh x \$.015/kWh)
- MTCC Revenue Delivered Energy to ACE (Total ACE revenue recovery of approximately \$.09/kWh less \$.015/kWh Microgrid Delivery Fee): \$8.4 million (112,900,000 kWh x \$.07/kWh)

Description of the Potential Financing

For this incremental project under Option #2 and Option #3, the securitization of the electric revenue stream over a defined long-term agreement will be critical in achieving a successful financing. Contingent upon the approval of the suggested EDC and GDC Microgrid Tariffs over a duration of 25 years, ACM is confident that a financing can occur yielding debt rates which are indicative of the current market for power projects of this nature with an estimated term APR of roughly 6% to 8%. Options which will be explored/utilized when selected to move forward as potential financing conduits include:

- Traditional commercial bank loan
- OEM Manufacturer Financing

• NJ EDA Revenue Bond Financing

ACM's typical capital structure for this type of financial transaction would contemplate a 20-30% equity contribution with the remaining amount supported by debt.

The proposed project is consistent with the use of the Societal Benefit Charge as set forth in N.J.S.A. 48:3-60(a)(3)).

Section 12 (3) of the subject Chapter 23 Laws of 1999 makes clear that: "the Board shall make these determinations taking into consideration existing market barriers and environmental benefits, with the objective of transforming markets, capturing lost opportunities, making energy services more affordable for low income customers and eliminating subsidies for programs that can be delivered in the marketplace without electric public utility and gas public utility customer funding;"

The proposed MTCC Microgrid project clearly meets these standards of determination by:

• Creating reduced environmental impacts resulting from the energy efficiency gains associated with heat recovery for useful thermal energy purposes on the combined heat and power delivery process.

• Providing resilient energy services for emergency healthcare and public shelter facilities serving a low and moderate-income community.

• Deferring and potentially eliminating capital expenses to locally reinforce the incumbent public utility's distribution system over the long run.

P.L. 1999 Chapter 23 Section 12 (3):

The costs of demand side management programs that were approved by the board pursuant to its demand side management regulations prior to April 30, 1997. For the purpose of establishing initial unbundled rates pursuant to section 4 of this act, the societal benefits charge shall be set to recover the same level of demand side management program costs as is being collected in the bundled rates of the electric public utility on the effective date of this act. Within four months of the effective date of this act, and every four years thereafter, the board shall initiate a proceeding and cause to be undertaken a comprehensive resource analysis of energy programs, and within eight months of initiating such proceeding and after notice, provision of the opportunity for public comment, and public hearing, the board, in consultation with the Department of Environmental Protection, shall determine the appropriate level of funding for energy efficiency and *Class I renewable energy programs that provide environmental benefits above and beyond those* provided by standard offer or similar programs in effect as of the effective date of this act; provided that the funding for such programs be no less than 50% of the total Statewide amount being collected in public electric and gas utility rates for demand side management programs on the effective date of this act for an initial period of four years from the issuance of the first comprehensive resource analysis following the effective date of this act, and provided that 25% of this amount shall be used to provide funding for Class I renewable energy projects in the State. In each of the following fifth through eighth years, the Statewide funding for such programs shall be no less than 50 percent of the total Statewide amount being collected in public electric and gas utility rates for demand side management programs on the effective date of this act, except that as additional funds are made available as a result of the expiration of past standard offer or similar commitments, the minimum amount of funding for such

programs shall increase by an additional amount equal to 50 percent of the additional funds made available, until the minimum amount of funding dedicated to such programs reaches \$140,000,000 total. After the eighth year the board shall make a determination as to the appropriate level of funding for these programs. Such programs shall include a program to provide financial incentives for the installation of Class I renewable energy projects in the State, and the board, in consultation with the Department of Environmental Protection, shall determine the level and total amount of such incentives as well as the renewable technologies eligible for such incentives which shall include, at a minimum, photovoltaic, wind, and fuel cells. The board shall simultaneously determine, as a result of the comprehensive resource analysis, the programs to be funded by the societal benefits charge, the level of cost recovery and performance incentives for old and new programs and whether the recovery of demand side management programs' costs currently approved by the board may be reduced or extended over a longer period of time. The board shall make these determinations taking into consideration existing market barriers and environmental benefits, with the objective of transforming markets, capturing lost opportunities, making energy services more affordable for low income customers and eliminating subsidies for programs that can be delivered in the marketplace without electric public utility and gas public utility customer funding;

The Board, therefore, has the jurisdiction and authority upon making this finding to fund the project in accordance with P.L. 2011 c.216:

48:3-60.3 Credit against societal benefits charge permitted. 1. a. On and after January 1 next following the date of enactment of P.L.2011, c.216 (C.48:3-60.3), a commercial or industrial ratepayer shall be allowed a credit against the societal benefits charge imposed pursuant to section 12 of P.L.1999, c.23 (C.48:3-60), and collected as a non-by passable charge by the electric public utility or gas public utility, as appropriate, providing service to the commercial or industrial ratepayer. b. The amount of the credit authorized pursuant to subsection a. of this section shall be equal to one-half of that portion of the costs incurred by the commercial or industrial ratepayer during the preceding calendar year for the purchase and installation of products or services that are intended for energy efficiency purposes, that would be eligible for incentives under programs that the board shall have determined to fund by the societal benefits charge pursuant to paragraph (3) of subsection a. of section 12 of P.L.1999, c.23 (C.48:3-60). c. The amount of the credit to be allowed under this section in any calendar year against the societal benefits charge for each commercial or industrial ratepayer that is subject to such charge pursuant to section 12 of P.L.1999, c.23 (C.48:3-60) shall be determined by the board. d. The maximum amount of the credit to be applied under this section against the societal benefits charge imposed pursuant to section 12 of P.L.1999, c.23 (C.48:3-60) shall not exceed 100 percent of the commercial or industrial ratepayer's liability for such charge that would otherwise be due in each calendar year. 53

e. The amount of the credit against the societal benefits charge otherwise allowable under this section which cannot be applied for the calendar year due to the limitations of subsections b. and d. of this section may be carried over, if necessary, to a maximum of 10 calendar years immediately following the initial year in which the credit is first applied to a commercial or industrial ratepayer's liability for societal benefits charges. f. The electric public utility or gas public utility providing service to a commercial or industrial ratepayer shall disclose in a written notice to the commercial or industrial ratepayer, upon request from the commercial or industrial ratepayer, the amount of societal benefits charges collected by the utility from the commercial or industrial ratepayer pursuant to section 12 of P.L.1999, c.23 (C.48:3-60) for each calendar year specified in the request from the commercial or industrial ratepayer. L.2011, c.216, s.1.

Environmental Impacts:

As outlined earlier within this study the microgrid opportunity presents significant economies of scale which enables the proposed microgrid to significantly reduce environmental emissions and resources across a large scale. The proposed microgrid implementation utilizes state of the art combined heat and power technology. By generating the majority of power and thermal energy requirements onsite traditional grid transmission and distribution losses are avoided leading to significant environmental benefits. An estimate of the emissions reductions which may be attained by the collective microgrid solution is identified below.

| Atlantic City Microgrid - Estimated Emissi | ons Reduction | | | | |
|---|----------------|-------------|-----------|----------------|-----------|
| Inputs: | ono neoduotion | | | | |
| CHP Electric | | | | | |
| Microgrid Elec Capacity | 19,300 | kW | (1) | | |
| CHP Elec Heat Rate | | Btu/kWh hhv | (1) | | |
| Availability Factor | | Annual | (1) | | |
| CHP Energy Produced | 160,615 | MWh/vr | (2) | | |
| Avoided Electricity (Net) | 160,615 | | (-) | | |
| Loss Factor (PJM) | | Annual | (3) | | |
| Avoided Grid Electricity (Gross) | 175,391 | MWh/yr | (-) | | |
| CHP Thermal Steam | | | | | |
| CHP Thermal Energy (HRSG Only) | 66.00 | mmBtu/hr | (1) | | |
| Avoided Boiler/Distribution Eff. Factor | 0.75 | Annual | (4) | | |
| Avoided Thermal Energy | 732,336 | mmBtu/yr | | | |
| Duct Burner Boiler Fuel | 227,114 | mmBtu/yr | | | |
| CHP Thermal CW | - | - | | | |
| CHP Thermal Energy | 3,182 | Tons | (1) | | |
| Avoided Chiller/Distribution Eff Factor | 1.00 | kW/ton | | | |
| Avoided Electricity (Net) | 26,481 | MWh/yr | | | |
| Loss Factor (PJM) | 9.2% | Annual | | | |
| Avoided Grid Electricity (Gross) | 28,917 | MWh/yr | | | |
| CO2 Emissions Factors: | | | | | |
| | Avoided | Avoided | | | |
| | Emissions | Emissions | CHP | | |
| | RFCE | Boiler | Emissions | | |
| | (lb/MWh) | (lb/mmBtu) | (lb/MWh) | | |
| | (5) | (6) | (6) | | |
| CO2 | 1,394 | 117 | 1,193.83 | | |
| Collective Atlantic City Microgrid - Emissi | | | | | |
| | Avoided | Avoided | | | |
| | Emissions | Emissions | CHP | Emissions | |
| | PJM | Boiler | Emissions | Reductions (+) | Reduction |
| | (tons/yr) | (tons/yr) | (tons/yr) | (tons/yr) | (%) |
| CO2 ER | 142,352 | 42,842 | | 76,034 | 41% |

Footnotes:

(1) Heat Balance

(2) Gross HR of Installed Microgrid Generation Capacity

(3) EPA CHP Calculator-T&D Losses Eastern Interconnect

(4) Consumption Study - MSU old satellite boilers and assumed distribution system losses

(5) USEPA eGRID2014 RFCE factor as of 1/2017.

(6) AP42, EPA CHP Calculator

In addition to emissions reduction, the microgrid's economies of scale and established centralized thermal distribution naturally creates a significant reduction to water usage and wastewater discharges. ACM estimates a 20% reduction in water consumption/wastewater related usage compared to that of thermal production at each customer location. It is also important to note that the current water/sewer system in place at ACM can handle the load required to support all microgrid customers.

The Atlantic City Microgrid solution under Option #3 provides the least possible impact to land use and incremental waste generation. The proposed microgrid utilizes the current footprint of the MTCC site to construct the majority of incremental generation and thermal equipment. The utilization of the ACE distribution system for electric and MTCC thermal distribution loop ensure outside of the MTCC footprint little to no land is disturbed and can be used for further development within Atlantic City.

Additional Areas Studied

A detailed description of the technology, business and operational protocol developed and/or utilized and the location within the micro-grid. This includes the following:

• A detailed description of the proposed connections (electric, gas and/or thermal) of the critical facilities and the DER technologies.

See appendix prints #1, #2, #3, #7, #8, #9 and #10.

• A one-line diagram of the micro-grid and location of the electrical connections to the EDC's facilities/equipment.

See appendix prints #5, and #6.

• A detailed description of the type of distribution system the interconnection into (radial or network) and the interconnection procedures and requirements.

See appendix print #4

• A detailed description of black start and operation and over what time period in island mode and in sync with the distribution system.

Currently the Midtown Thermal Control Center has a 1MW diesel engine that can be employed to bring the turbines online to full power. It is envisioned that this time that the customer breakers would be opened and sequentially closed in order to bring all services back online in a staged protocol. Inasmuch as the microgrid would be running in island mode should there be an outage, the disconnects to ACE would already be open at each of the customer substation facilities.

At this time, the expense of installing energy monitoring equipment that would provide for the automatic recovery of each facility is not justified inasmuch as these facilities will be manned and manual restoration procedures can be employed with minimal increases to outage periods.

• A detailed description of the NJBPU and EDC tariff requirements/issues including any smart grid or distribution automation upgrades proposed or under development by the EDC.

Option #3:

ACE would be required to make two filings: (1) The electricity sales would be governed under a contractual agreement with ACE based upon a tariff filing approved by the Board of Public Utilities. The commodity price for these transactions would mirror the prevailing price settled annually by the basic generation service fixed price auction. MTCC check metering would be installed in addition to ACE's currently installed electric metering.

In addition, (2) the Board of public Utilities would also need to approve a "discount tariff" that would be set based upon the amortized difference between the "all-in" utility cost for the provision of transportation services as currently set for the participating customers and MTVCC's cost of constructing and maintaining a private wires network that would then supplant the need for firm utility services for these customers. This discount would then be paid on a monthly basis by ACE, however, as has been observed the ratepayer impact of paying this discount is less than the revenue that would be lost by retail displacement as described in option # 2.

Option #2

ACE Standby Tariff. MTCC would also be required to file with the New Jersey Board of Public Utilities to become a licensed third-party energy provider under this option.

A general description of the communication system between the micro-grid and the EDC's system. This should include a detailed description of distribution management systems and controls and all building controls:

• Communication system between the microgrid and ACE Control Grid Center would involve typical transfer trip remote operation as well as remote breaker operation to isolate the microgrid to and from island mode remotely at each customer substation.

The estimated timeframe for the completion of the construction and commencement of operations of the individual critical facilities and the overall project:

- Pre-engineering would commence in the second half of fiscal 2018. Application for the Title V Department of Environmental Protection permit would also commence in the second half of fiscal 2018.
- This would place the start of construction activities roughly in the area of June 2019 with an expected completion date of 12 months.

• Based upon these early estimates, the microgrid would be commercially available sometime in June 2020.

A description of the on-going work with the EDC and GDC:

- Our work with South Jersey Gas to provide the natural gas resources necessary to power the new turbine would commence during the pre-engineering process and continue on through the construction phase.
- Work with ACE, however, would continue as interconnection and construction of microgrid and utility infrastructure would continue up until commercial operation in mid 2020.

Electric Vehicle Charging Station Analysis:

This report requires an analysis of the potential for electric vehicle charging stations at each of the four sites that would be served by the microgrid, as well as a list of the possible incentives or grants that may be applied to offsetting the costs of these facilities.

Upon review of the sites and the respective geographical/space considerations only three of the potential sites would appear to have the space resources available to the successful deployment of these electric vehicle charging facilities: (1,2) the garage structures for both the Bally's Resort and Caesar's Resort complexes and (3) the dedicated third floor Caesar's parking deck skybridge to AtlantiCare's parking facilities as shown in the photographs below:



After reviewing the array of charging options available it appears apparent that a "level 2" charging station would be the most appropriate choice for these applications. While Commercial level 2 chargers are more expensive, especially those with networking capabilities allowing operators to

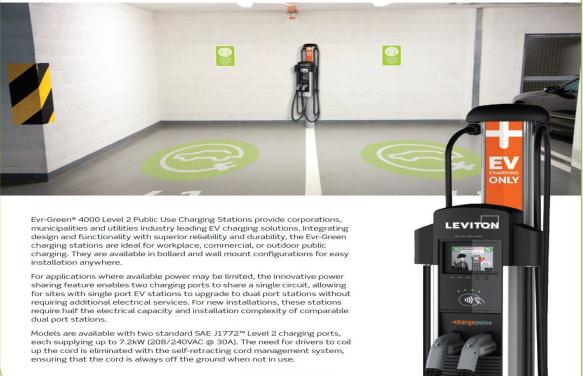
change pricing options, gather data and monitor or restrict usage, these chargers would best fit the proposed applications.

The only "upgrade to the level 2 commercial chargers involves "DCFC" Direct Current Fast Chargers, which pull roughly 50-150 kw and have the ability to charge an EV up to 80% capacity in under 30 minutes. These are the most expensive types of chargers since they have heavy duty cables and require more infrastructure. While a potential alternative, these stations are generally about \$100,000 for the infrastructure, hardware, and installation per station and as most casino and hospital visitor stays would not require fast 30-minute charging times, it is recommended that a standard level 2 charger be specified for this application.

The Leviton evr-green 4000 level 2 public use charging station would clearly appear to represent a suitable choice:

evr-green® 4000 Level 2 Public Use Charging Stations

Featuring ChargePoint Network Services



-chargepoin+

Features and Benefits

ChargePoint Software Service Plans let you control access, set pricing, display advertising, monitor status, and generate usage reports while ChargePoint provides 24/7/365 call center support to drivers so you don't have to.

LCD Display Allows for Customizable Video

- Daylight readable, with auto brightness control
- 640X480 resolution active matrix
- Full motion 30fps video support
- Download up to 60 seconds of full-motion, full-color video to any arbitrary group of stations as often as you like¹
- Brand your charging stations and communicate with drivers
- Multiple language support allows drivers to select English, French or Spanish

Energy Measurement and Management

- Real-time energy measurement
- 15 minute interval recording
- Time of day (TOD) pricing
- Load shed by % of running average or to fixed power output

Hassle-Free Cord Management

- Keep charging cords off the ground and out of drivers hands
- Ultra-reliable second-generation gravity operated mechanism

Power Sharing (patent pending)

- Share one 40A 208/240 circuit between two parking spaces
- Single vehicle charges at full 6.2/7.2kW (30A @208/240V) and two vehicles simultaneously charge at 3.3/3.8kW (16A@ 208/240V) each

Multi-format RFID Card Reader

- ISO 15693, ISO 14443 and NFC
- Accepts ChargePoint cards as well as Visa PayWave, MasterCard PayPass, American Express ExpressPay, and Discover Zip contactless credit cards
- ¹ Video service plan required

The 5.7" LCD display provides full motion charging instructions in a clear and simple format. It also allows station owners to deliver advertising messaging. ONL

LEVITON

Driver interaction is supported in any weather by five rugged, back-lit buttons with audio feedback.

c(VL)us

LISTER

Listed by Underwriters

Laboratories Inc.

Dimensions — 13.7" (347 mm) — 13.7" (347 mm) 9.2" (233 mm) 9.2" (233 mm) Single & Dual Port, Single & Dual Port, **Bollard Mount** Wall Mount 3.5" 11.8" (88 mm) (299 mm) 71.1" 71.0" (1806mm) (1805 mm) 16.9" 17.3" (430 mm) (440 mm) 46.7" (1186 mm) 46.7 (1186 mm)

Specifications

| Electrical Input | Single Port | Dual Port |
|--|---|---------------------------------------|
| AC Power Input Rating – Standard | 208/240VAC 60Hz single phase @ 30A | 208/240VAC 60Hz single phase @ 30 x 2 |
| AC Power Input Rating – Power Sharing | n/a | 208/240 VAC 60Hz single phase @ 32A |
| Input Power Connections – Standard | One 40A branch circuit | Two independent 40A branch circuits |
| Input Power Connections – Power Sharing | n/a | One 40A branch circuit |
| Required Service Panel Breaker – Standard | 40A dual pole (non-GFCI type) | 40A dual pole (non-GFCI type) x 2 |
| Required Service Panel Breaker – Power Sharing | n/a | 40A dual pole (non-GFCI type) |
| Service Panel GFCI | Do not provide external GFCI as it may conf | flict with internal GFCI (CCID) |
| Wiring – Standard | 3-wire (L1, L2, Earth) | 5-wire (L1, L1, L2, L2, Earth) |
| Wiring – Power Sharing | n/a | 3-wire (L1, L2, Earth) |
| Station Power | 8W typical (standby), 15W maximum (opera | ation) |

| Electrical Output | | |
|--------------------|----------------------|---|
| AC - Standard | 7.2kW (240VAC @ 30A) | 7.2kW (240VAC @ 30A) x 2 |
| AC - Power Sharing | n/a | 7.2kW (240VAC @ 30A) x 1 OR 3.8kW (240VAC @ 16A) x 2 |

| Functional Interfaces | | | | | | | |
|----------------------------------|--|--|--|--|--|--|--|
| Connector(s) Type | SAE J1772™ | SAE J1772™ x 2 | | | | | |
| Charging Cable Length | 18' (5.5 meters) | 18' (5.5 meters) x 2 | | | | | |
| Overhead Cable Management System | Yes | | | | | | |
| LCD Display | 5.7" full color, 640x480, 30fps full mot | 5.7" full color, 640x480, 30fps full motion video, active matrix, UV protected | | | | | |
| Card Reader | ISO 15693, 14443, NFC | | | | | | |
| Locking Holster | Yes | Yes x 2 | | | | | |

| Safety and Connectivity Features | | | | | | | |
|----------------------------------|---|--|--|--|--|--|--|
| Ground Fault Detection | 20mA CCID with auto retry | | | | | | |
| Open Safety Ground Detection | Continuously monitors presence of safety (green wire) ground connection | | | | | | |
| Plug-Out Detection | Power terminated per SAE J1772™ specifications | | | | | | |
| Power Measurement Accuracy | +/- 2% from 2% to full scale (32A) | | | | | | |
| Power Report/Store Interval | 15 minute, aligned to hour | | | | | | |
| Local Area Network | 2.4 GHz Wi-Fi (802.11 b/g/n) | | | | | | |
| Wide Area Network | 3G GSM, 3G CDMA | | | | | | |

| Safety and Operational Ratings | |
|---|---|
| Enclosure Rating | Type 3R per UL 50E |
| Safety Compliance | UL listed for USA and cUL certified for Canada; complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625 $$ |
| Surge Protection | 6kV @ 3000A. In geographic areas subject to frequent thunder storms, supplemental surge protection at the service panel is recommended. |
| EMC Compliance | FCC Part 15 Class A |
| Operating Temperature | -22°F to 122°F (-30°C to +50°C) |
| Operating Humidity | up to 85% @ +50°C (122°F) non-condensing |
| Non-Operating Humidity | up to 95% @ +50°C (122°F) non-condensing |
| Terminal Block Temperature Rating | 221°F (105°C) |
| Maximum Charging Stations per 802.11 Radio Group | 10. Each station must be located within 150 feet "line of sight" of a gateway station. |

ChargePoint, Inc. reserves the right to alter product offerings and specifications at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

We have also obtained a formal estimate for the installation of 2-stations, less permit, utility and sitespecific modifications at \$35,000 per location. Therefore, adding 4 stations at Bally's structured parking; 4 stations at Caesar's structured parking and 2 stations at the third floor dedicated AtlantiCare parking also within the Caesar's structured parking deck would cost approximately \$175,000 plus the exempt items listed.

Available Incentives:

The Christie administration's "It Pays to Plug-in" program has exhausted the \$725,000 allocated in June of 2016. These grants would have covered up to \$5,000 per level 2 charging station.

The New Jersey legislature has introduced three pieces of legislation directing the Department of Environmental Protection and the Board of Public Utilities to develop programs and incentives to meet significant electric vehicle goals. These legislative efforts are yet to be heard in their respective houses to date.

The federal government had also offered a 30% tax credit against the cost of electric vehicle charging equipment. Stations installed before the end of 2016 qualified businesses to recoup up to \$30,000 in charger and installation costs. Unfortunately, this program has also expired and not been renewed by the current administration in Washington.

The federal EVSE tax credit expired December 31, 2016.

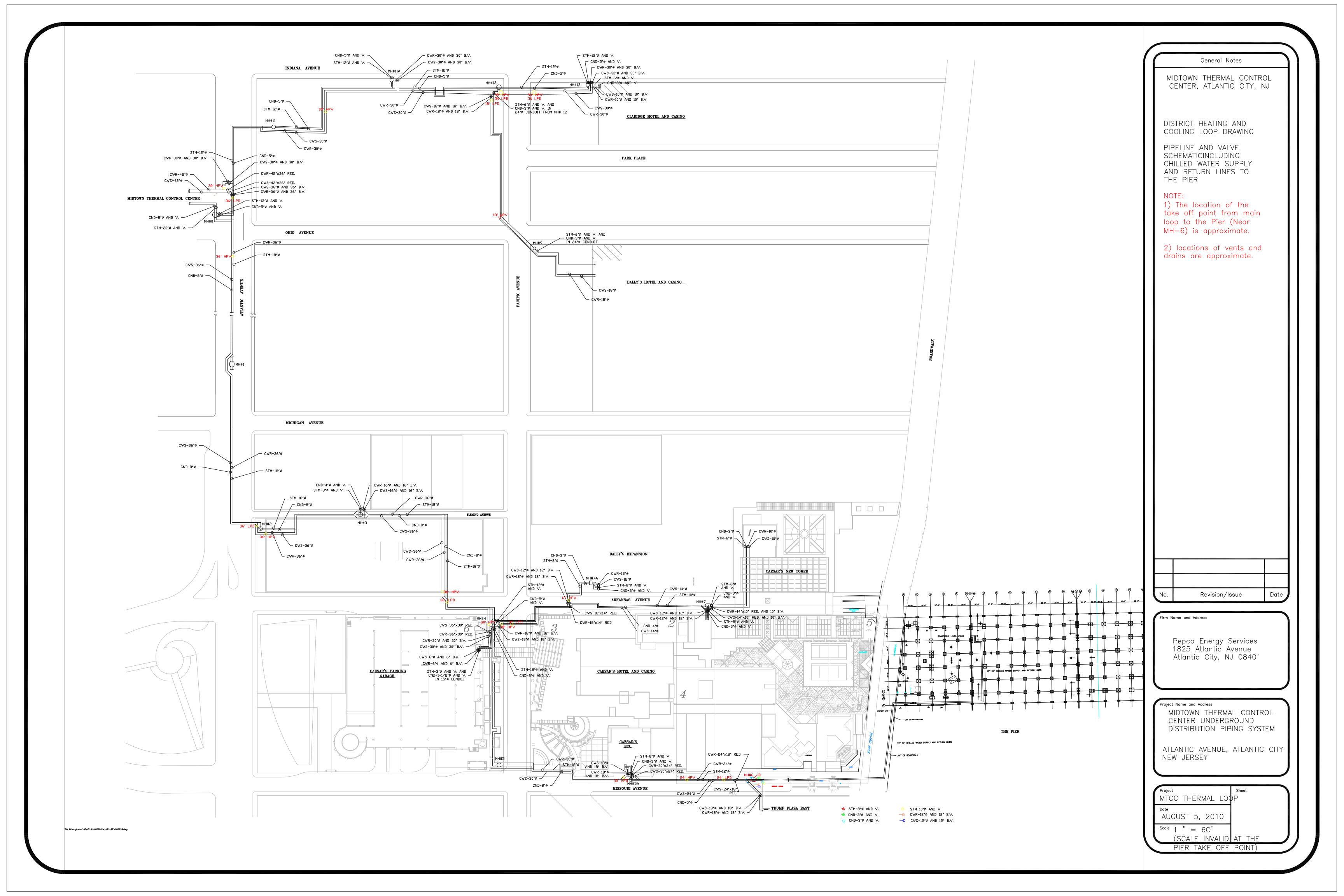
In summary, there are a number of state incentives that appear in the works at this time, however, at this time there are no standing state or federal programs available to financially encourage the installation of commercial electric vehicle charging stations

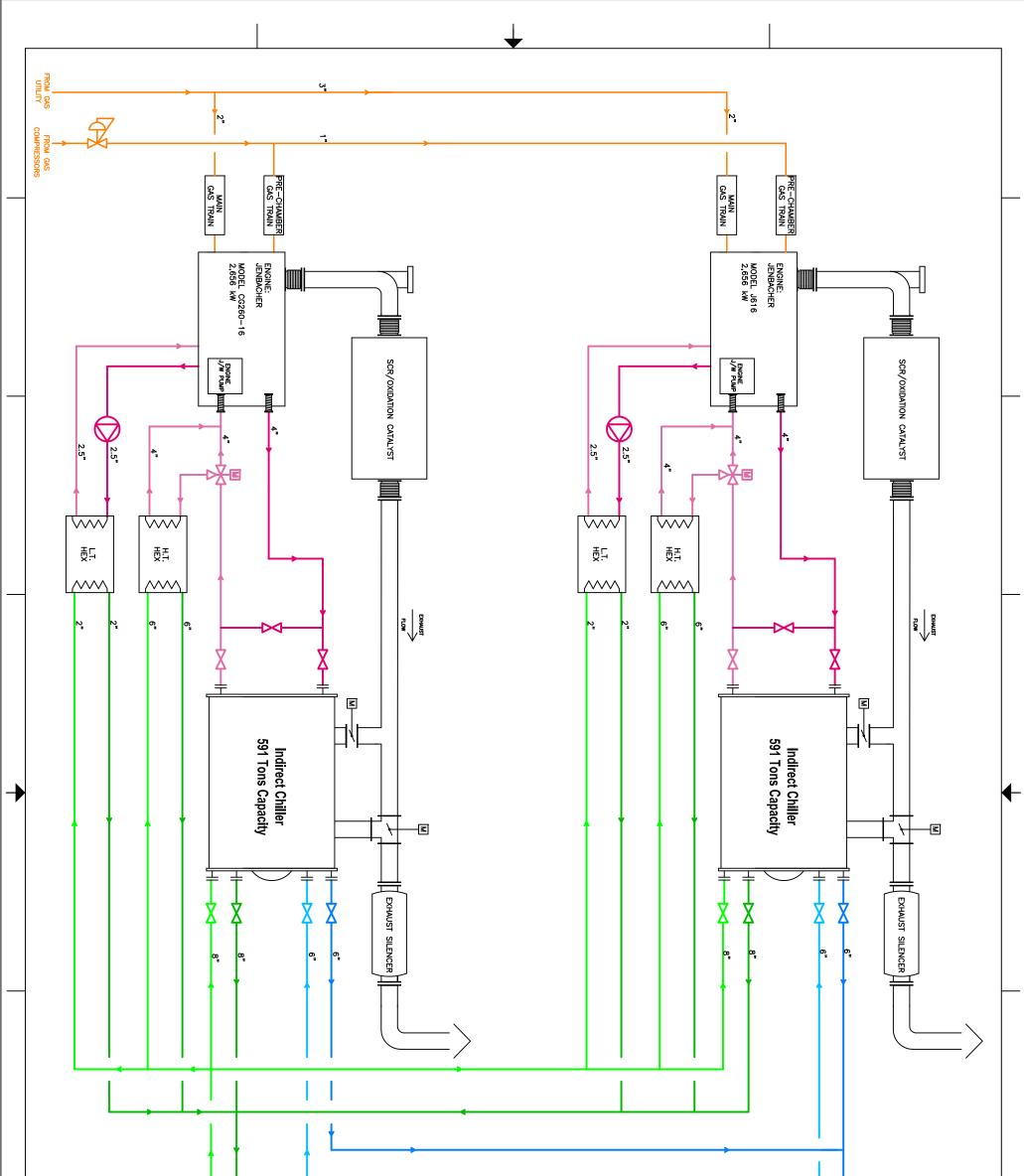
Appendix

- 1.) One-line diagram of thermal and electrical loop. 2.) Conceptual one-line diagram
- 3.) Loop site photo (Google)
- 4.) ACE Feeder Connection
- 5.) MTCC one-line drawing
- 6.) MTCC improvements single line diagram
- 7.) MTCC General Arrangement
- 8.) Midtown Thermal Pipeline & Valve Schematic
- 9.) Customer Thermal Cooling Data
- 10.) Microgrid Electric Load Data
- 11.) RULESS Form-PRE
- 12.) RULESS Form-POST
- 13.) RULESS-PRE Working.xlsm
- 14.) RULESS-POST Working.xlsm

AC Microgrid Implementation Report: Alternative Models and Next Steps – 7/6/18 Presentation at MTCC

| Attendees: | <u>Company:</u> |
|----------------------|--------------------------------|
| Frank DiCola | DCO Energy |
| Bill Wasnak | DCO Energy |
| Brandon Murdock | DCO Energy |
| Dionisio Roman III | DCO Energy |
| Kevin Brown | DCO Energy |
| Jon Wohl | DCO Energy |
| Fred DeSanti | MC ² Public Affairs |
| Mike Hornsby | NJ BPU |
| Jim Rutala | Rutala Associates AC |
| Steve Clark | South Jersey Gas |
| Bob Wolcott | Atlantic City Electric |
| Amrita Acharya-Menon | Atlantic City Electric |
| Bob Alles | Atlantic City Electric |
| Charles Wimberg | Atlantic City Electric |
| Greg Brubaker | Atlantic City Electric |
| Susan Coan | Atlantic City Electric |
| Ken Mosca | Atlantic City Electric |



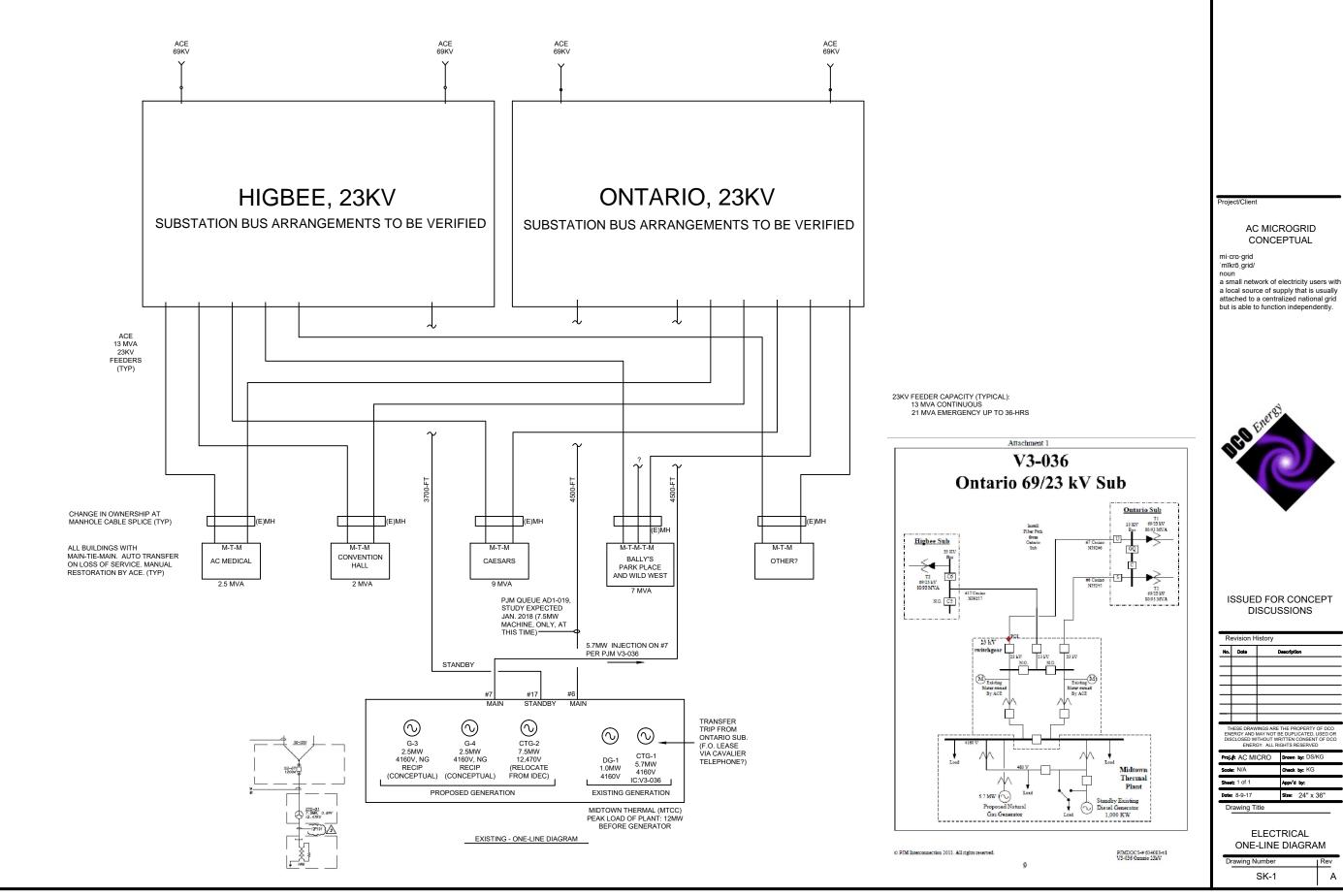


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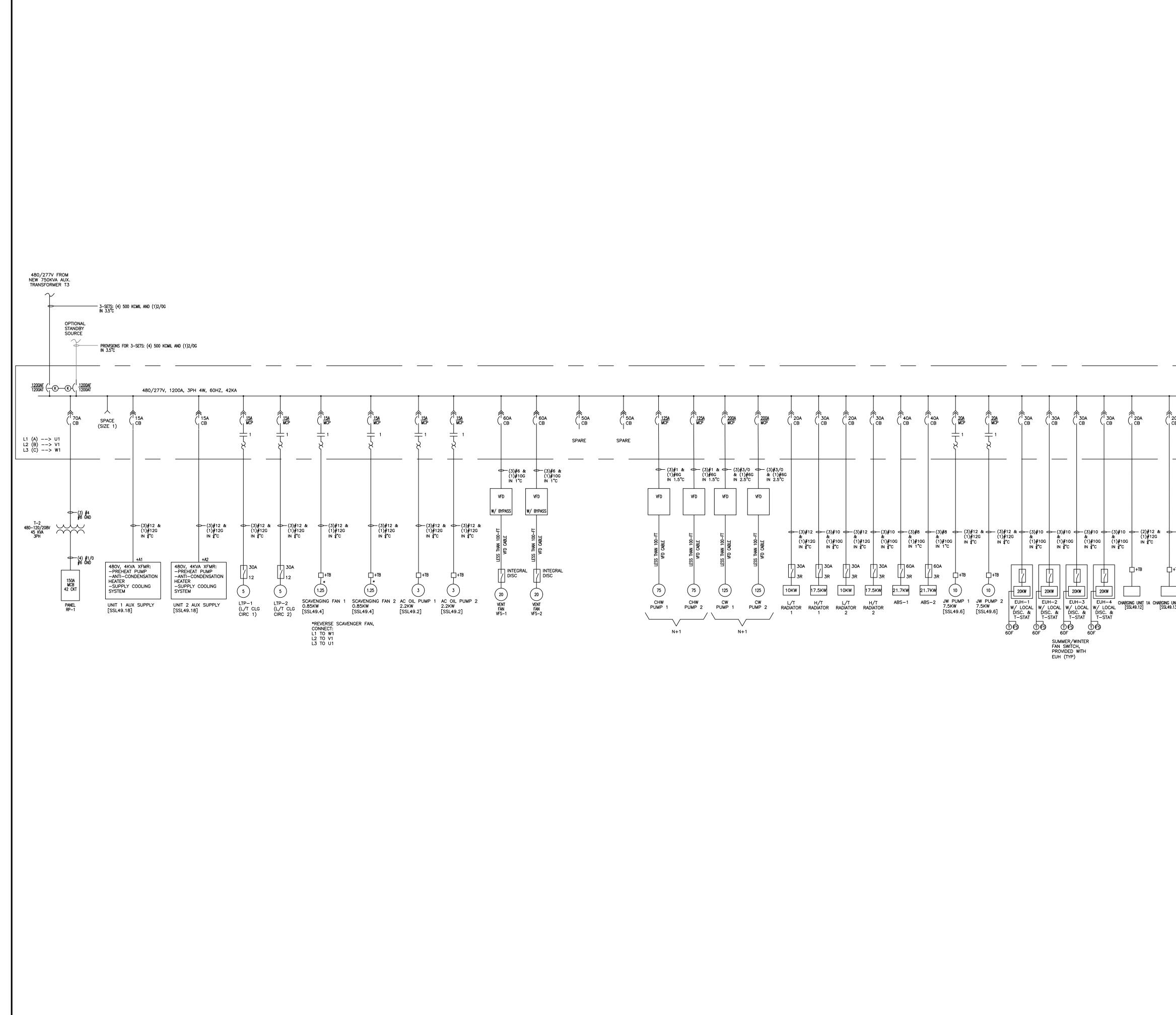
Proposed Generation for AC Microgrid, Units 1 thru 4

> Ductbank for radial pathway with loop 23KV feeders (conceptual)

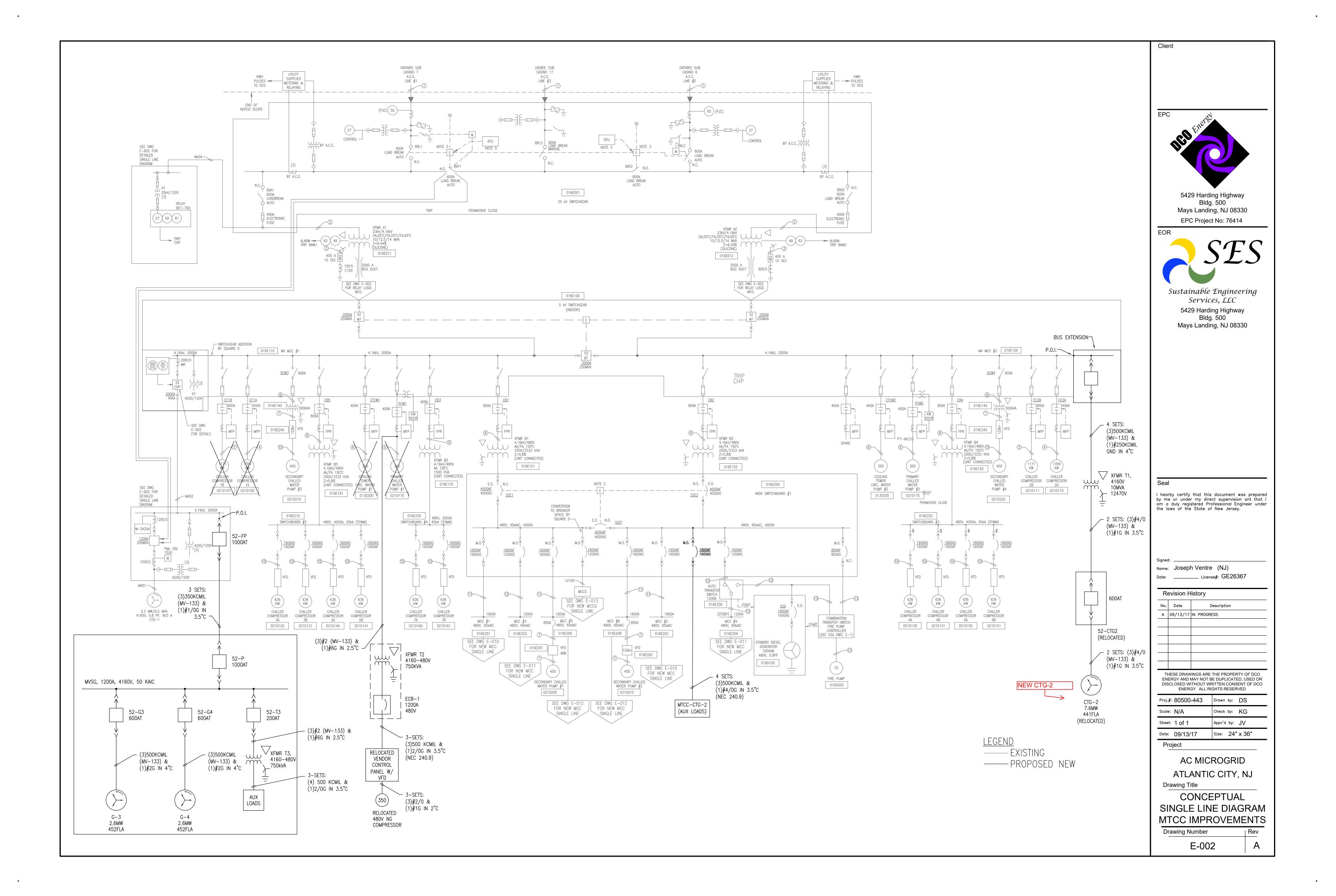


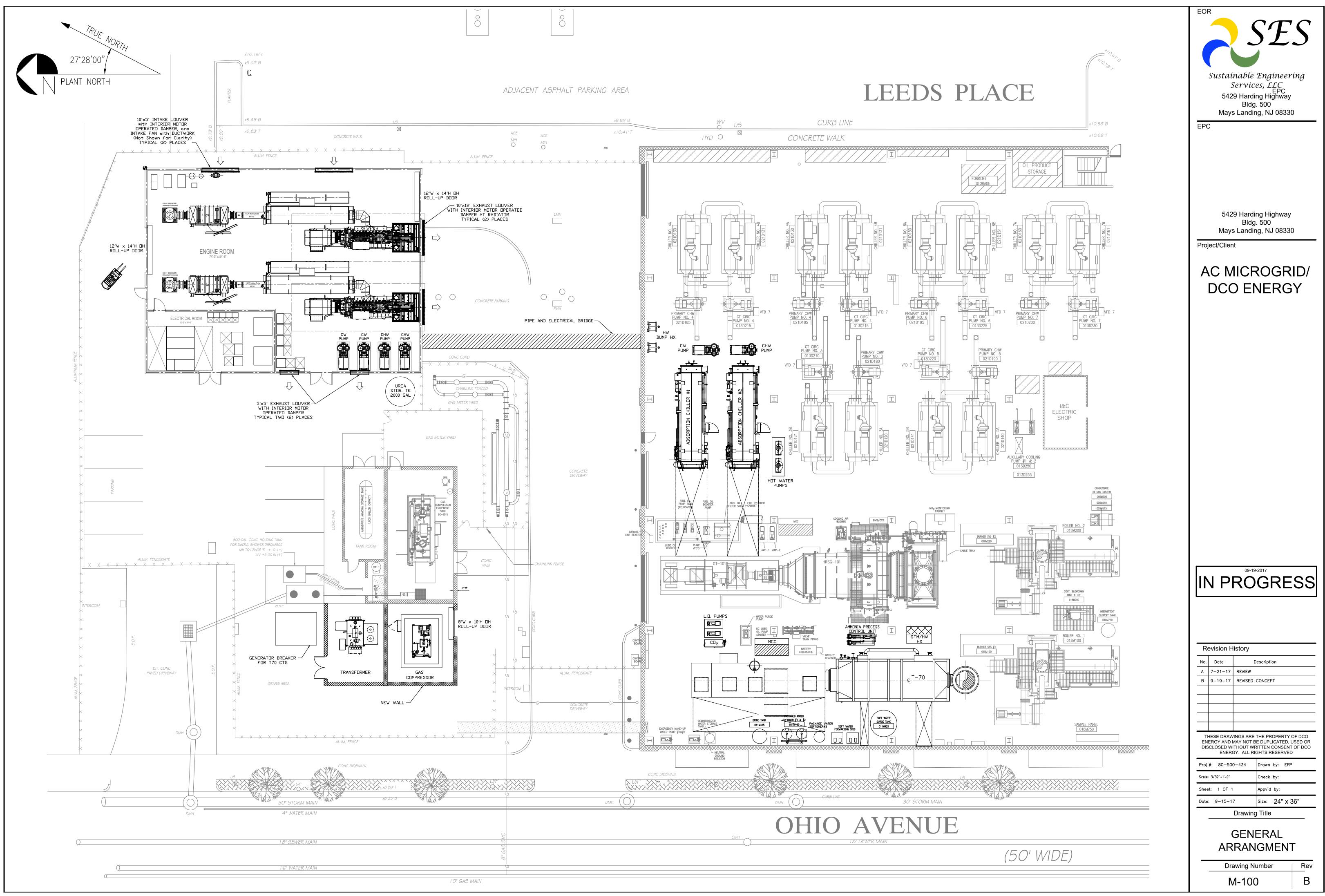
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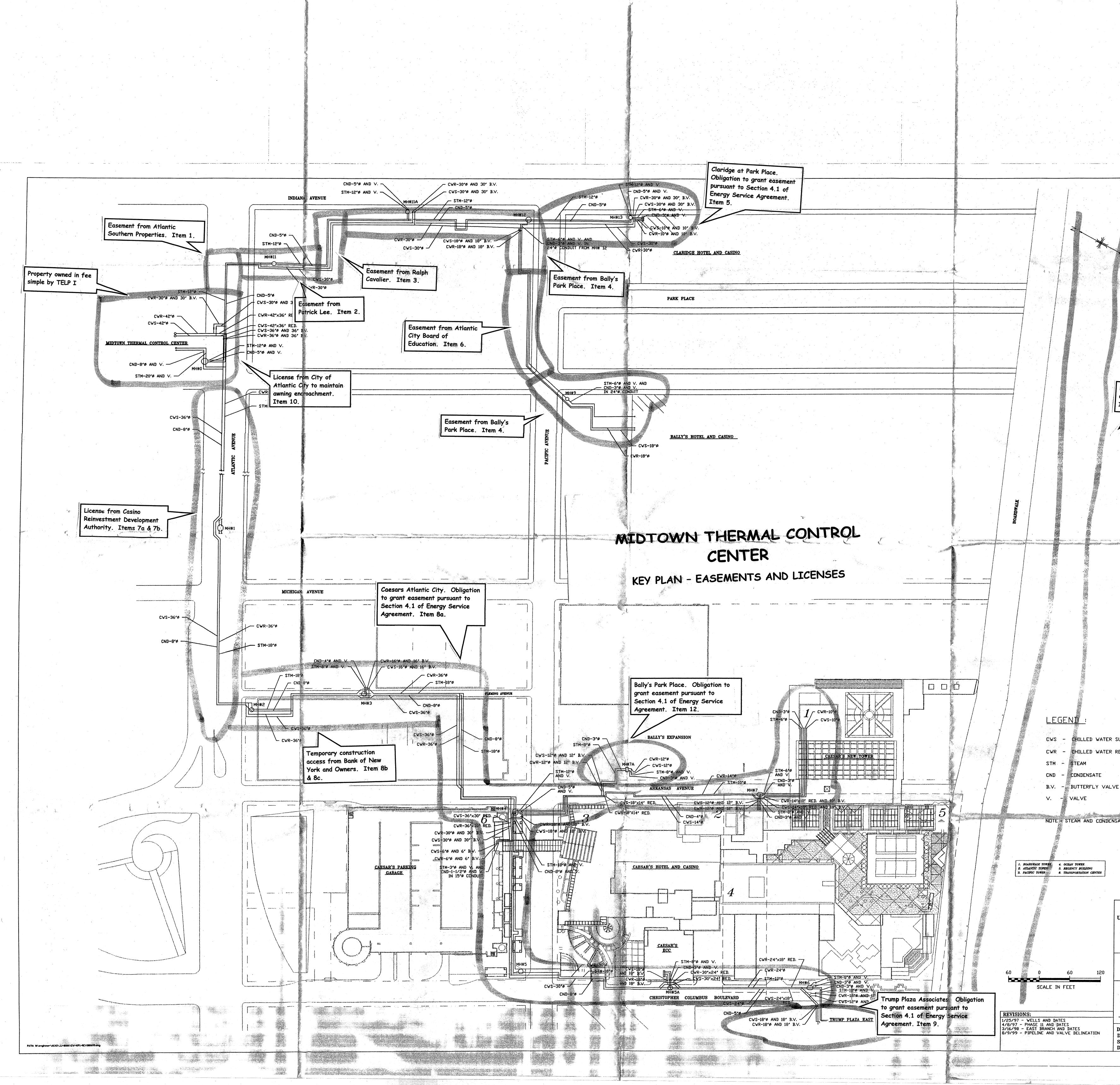
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| | BUDGET | ACTUAL BILL | _ED | | | | | | | | | | |
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| 2018 | 243,742 | 215,582 | 264,542 | 165,514 | 281,234 | 447,764 | 604,951 | 639,810 | 508,391 | 296,817 | 190,781 | 212,667 | 4,071,795 |
| 2017 | 373,297 | 414,221 | 395,195 | 184,553 | 291,519 | 466,448 | 625,344 | 589,372 | 465,955 | 380,289 | 174,842 | 156,651 | 4,517,686 |
| 2016 | 323,691 | 338,449 | 242,497 | 152,663 | 239,881 | 430,384 | 601,754 | 608,121 | 462,831 | 289,888 | 146,035 | 238,407 | 4,074,601 |
| 2015 | 173,232 | 174,362 | 155,935 | 159,327 | 312,302 | 446,461 | 587,755 | 574,954 | 508,333 | 246,807 | 200,336 | 169,169 | 3,708,973 |
| 2014 | 221,925 | 233,438 | 250,340 | 206,376 | 317,570 | 475,975 | 544,703 | 528,857 | 461,909 | 297,091 | 159,659 | 151,565 | 3,849,408 |
| 2013 | 234,562 | 261,804 | 277,142 | 220,652 | 313,247 | 527,023 | 712,052 | 656,036 | 482,182 | 369,443 | 206,102 | 211,243 | 4,471,488 |
| 2012 | 264,488 | 258,676 | 220,065 | 226,220 | 421,761 | 544,131 | 732,608 | 700,759 | 508,498 | 348,044 | 237,352 | 240,876 | 4,703,477 |
| 2011 | 233,908 | 190,909 | 191,574 | 227,387 | 441,638 | 623,468 | 797,986 | 744,762 | 622,257 | 344,657 | 234,820 | 191,328 | 4,844,694 |
| 2010 | 265,347 | 203,366 | 187,489 | 251,393 | 447,458 | 691,587 | 716,049 | 811,523 | 647,931 | 367,959 | 194,573 | 229,123 | 5,013,798 |
| 2009 | 301,346 | 237,226 | 242,024 | 239,082 | 363,771 | 547,493 | 670,911 | 768,694 | 509,178 | 338,670 | 257,009 | 279,553 | 4,754,957 |
| 2008 | 238,836 | 228,000 | 228,364 | 268,190 | 373,747 | 622,279 | 712,826 | 684,482 | 592,091 | 525,407 | 280,004 | 248,772 | 5,002,998 |
| 2007 | 297,838 | 243,368 | 255,118 | 246,116 165,514 | 396,024 | 574,507 447.764 | 718,098 | 746,616 590.816 | 601,032 | 536,378 | 250,397 | 236,630 | 5,102,122 |
| 3 Year Average | 290,073 | 309,011 | 264,542 | 105,514 | 281,234 | 447,764 | 604,951 | 590,810 | 479,040 | 305,661 | 173,738 | 188,076 | 4,100,420 |
| 2 Caesars ETS2 | January | February | March | April | May | June | July | August | September | October | November | December | |
| 2018 | 382,714 | 322,442 | 372,902 | 291,608 | 464,721 | 693,811 | 901,169 | 939,749 | 779,388 | 499,510 | 335,940 | 330,204 | 6,314,158 |
| 2017 | | , | | | | | | | | | | | |
| | 621,230 | 602,525 | 583,132 | 346,038 | 477,267 | 700,518 | 893,783 | 812,794 | 670,797 | 552,756 | 281,329 | 323,212 | 6,865,381 |
| 2016 | 329,319 | 346,323 | 264,728 | 245,151 | 392,690 | 658,770 | 921,097 | 930,236 | 748,786 | 529,702 | 337,021 | 395,954 | 6,099,777 |
| 2015 | 267,956 | 237,503 | 270,845 | 283,634 | 524,206 | 722,146 | 888,627 | 827,568 | 761,239 | 418,582 | 340,330 | 290,334 | 5,832,970 |
| 2014 | 332,870 | 408,389 | 452,582 | 342,881 | 523,691 | 777,430 | 883,929 | 857,802 | 744,133 | 517,250 | 296,053 | 265,499 | 6,402,509 |
| 2013 | 270,175 | 241,442 | 263,674 | 291,698 | 457,375 | 755,602 | 966,685 | 894,160 | 692,505 | 582,022 | 332,004 | 282,186 | 6,029,528 |
| 2012 | 320,768 | 354,200 | 413,547 | 449,083 | 760,900 | 856,635 | 1,184,887 | 1,148,672 | 877,695 | 597,519 | 247,553 | 281,590 | 7,493,049 |
| 2011 | 307,729 | 273,369 | 285,590 | 355,215 | 652,405 | 922,044 | 1,152,658 | 1,060,459 | 928,373 | 566,406 | 435,998 | 359,788 | 7,300,033 |
| 2010 | 327,108 | 247,274 | 304,719 | 402,445 | 633,593 | 915,466 | 973,471 | 1,007,400 | 824,062 | 499,825 | 303,814 | 261,516 | 6,700,693 |
| 2009 | 365,830 | 337,762 | 360,252 | 369,703 | 595,448 | 878,365 | 1,068,338 | 1,196,521 | 818,063 | 505,458 | 332,983 | 336,544 | 7,165,267 |
| 2008 | 389,718 | 354,910 | 319,129 | 367,090 | 547,807 | 1,056,855 | 1,179,370 | 1,127,280 | 986,310 | 768,006 | 393,910 | 308,603 | 7,798,988 |
| 2007 | 422,887 | 387,764 | 372,403 | 372,755 | 581,339 | 899,304 | 1,098,276 | 1,140,306 | 905,133 | 795,183 | 337,915 | 366,150 | 7,679,415 |
| 3 Year Average | 406,168 | 395,450 | 372,902 | 291,608 | 464,721 | 693,811 | 901,169 | 856,866 | 726,941 | 500,347 | 319,560 | 336,500 | 6,266,043 |
| | | | | | | | | | | | | | |
| 3 Caesars ETS3 | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | 209,478 | 168,797 | 231,466 | 201,453 | 265,378 | 340,294 | 432,055 | 444,672 | 367,547 | 250,157 | 192,011 | 191,630 | 3,294,937 |
| 2017 | 319,064 | 299,308 | 287,250 | 197,599 | 239,743 | 335,835 | 441,722 | 410,410 | 341,491 | 288,615 | 194,998 | 167,363 | 3,523,398 |
| 2016 | 196,896 | 211,187 | 206,873 | 189,909 | 255,156 | 348,707 | 460,758 | 474,862 | 370,771 | 252,226 | 167,793 | 216,186 | 3,351,324 |
| 2015 | 184,834 | 156,898 | 200,276 | 216,850 | 301,236 | 336,339 | 393,684 | 374,836 | 354,947 | 245,752 | 232,491 | 200,186 | 3,198,329 |
| 2014 | 185,679 | 173,169 | 189,442 | 206,835 | 305,476 | 395,697 | 425,071 | 437,200 | 341,920 | 261,070 | 205,253 | 247,389 | 3,374,201 |
| 2013 | 135,451 | 199,234 | 220,933 | 206,261 | 276,110 | 386,752 | 471,964 | 380,075 | 292,253 | 251,854 | 170,536 | 152,651 | 3,144,074 |
| 2012 | 172,982 | 187,491 | 193,889 | 194,413 | 295,419 | 354,293 | 459,190 | 434,075 | 304,872 | 203,652 | 127,538 | 132,551 | 3,060,365 |
| 2011 | 181,783 | 272,868 | 242,512 | 250,489 | 349,676 | 470,243 | 582,331 | 525,387 | 447,763 | 242,471 | 182,818 | 161,385 | 3,909,726 |
| 2010 | 205,005 | 207,124 | 214,464 | 227,856 | 335,208 | 482,869 | 397,149 | 476,275 | 402,269 | 256,150 | 155,089 | 118,762 | 3,478,220 |
| 2009 2008 | 26,157 | 24,378 | 32,895 | 37,426 | 47,119 | 56,170 | 75,249 | 87,178 82,517 | 63,629 | 51,152 | 42,848 | 29,598 | 573,799 |
| 2008 | 27,124 24,102 | 26,310 14,998 | 29,693 23,048 | 44,933 27,549 | 54,116 37,198 | 72,331 42,997 | 81,872 58,246 | 63,422 | 75,183 55,703 | 48,815 50,267 | 41,701 35,157 | 31,294 32,112 | 615,889 464,799 |
| 3 Year Average | 24,102 233,598 | 14,998 222,464 | 23,048 231,466 | 27 ,549 201,453 | 265,378 | 42,997 340,294 | 432,055 | 420,036 | 355,703 | 262,198 | 198,427 | 194,578 | 3,357,684 |
| | 200,000 | 222,404 | 231,400 | 201,433 | 203,378 | 340,294 | 432,033 | 420,030 | 333,130 | 202,190 | 130,421 | 134,370 | 3,337,004 |
| | | | | | | | | | + | | | | |
| 6 Caesars ETS6 | January | February | March | April | May | June | July | August | September | October | November | December | |

| 2017 | | | | | | | | | | | | 1 | |
|--|---|---|--|---|---|--|--|--|---|---|--|--|--|
| aa. (a l | 29,203 | 25,751 | 29,037 | 35,333 | 43,918 | 59,175 | 73,149 | 70,914 | 59,886 | 51,642 | 31,997 | 26,536 | 536,541 |
| 2016 | 23,281 | 18,183 | 26,689 | 27,840 | 35,497 | 53,669 | 74,526 | 76,767 | 60,346 | 46,987 | 31,979 | 28,873 | 504,637 |
| 2015 | 21,576 | 17,782 | 23,152 | 26,407 | 38,877 | 46,931 | 64,445 | 68,431 | 60,766 | 45,747 | 35,280 | 31,836 | 481,230 |
| 2014 | 19,673 | 17,630 | 20,756 | 25,149 | 35,141 | 47,408 | 58,800 | 57,943 | 53,628 | 43,915 | 29,657 | 27,856 | 437,556 |
| 2013 | 28,692 | 25,605 | 28,465 | 30,485 | 36,859 | 49,204 | 67,112 | 64,584 | 52,226 | 41,932 | 28,620 | 24,076 | 477,860 |
| 2012 | 29,217 | 24,758 | 30,128 | 30,501 | 38,776 | 48,339 | 65,170 | 63,632 | 53,775 | 41,355 | 29,634 | 29,849 | 485,13 |
| 2011 | 27,190 | 25,841 | 31,849 | 33,144 | 44,471 | 68,313 | 83,733 | 81,341 | 69,124 | 52,856 | 38,439 | 34,897 | 591,19 |
| 2010 | 26,032 | 22,671 | 31,507 | 40,248 | 52,941 | 71,074 | 60,417 | 62,159 | 62,510 | 51,349 | 41,405 | 28,624 | 550,93 |
| 2009 | 26,157 | 24,378 | 32,895 | 37,426 | 47,119 | 56,170 | 75,249 | 87,178 | 63,629 | 51,152 | 42,848 | 29,598 | 573,79 |
| 2008 | 27,124 | 26,310 | 29,693 | 44,933 | 54,116 | 72,331 | 81,872 | 82,517 | 75,183 | 48,815 | 41,701 | 31,294 | 615,88 |
| 2007 | 24,102 | 14,998 | 23,048 | 27,549 | 37,198 | 42,997 | 58,246 | 63,422 | 55,703 | 50,267 | 35,157 | 32,112 | 464,79 |
| 3 Year Average | 24,687 | 20,572 | 26,293 | 29,860 | 39,431 | 53,258 | 70,707 | 72,037 | 60,333 | 48,125 | 33,085 | 29,082 | 507,46 |
| | | , | , | , | | , | , | , | | , | , | , | , |
| aesars ETS11 | January | February | March | April | May | June | July | August | September | October | November | December | |
| 2018 | 13,619 | 12,161 | 19,186 | 19,060 | 31,130 | 49,366 | 62,896 | 66,559 | 53,973 | 32,984 | 19,685 | 21,138 | 401,75 |
| 2017 | 20,776 | 21,863 | 21,574 | 14,818 | 25,816 | 43,973 | 59,008 | 49,369 | 41,212 | 31,201 | 13,534 | 11,097 | 354,24 |
| 2016 | 20,327 | 17,299 | 20,288 | 20,870 | 26,627 | 43,256 | 63,751 | 68,541 | 50,824 | 28,735 | 12,456 | 15,446 | 388,42 |
| 2016 | 16,084 | 11,191 | 20,288 | 20,870 | 40,947 | 43,256 60,868 | 65,929 | 66,356 | 56,469 | 35,277 | 28,493 | 29,692 | 448,49 |
| | | | , | , | , | , | , | , | , | | · · · · · | · · · · | |
| 2014 | 17,606 | 17,717 | 20,549 | 21,912 | 39,975 | 54,706 | 58,436 | 58,355 | 52,124 | 40,027 | 19,018 | 16,250 | 416,67 |
| 2013 | 20,102 | 17,835 | 21,850 | 21,177 | 32,464 | 52,306 | 66,915 | 58,679 | 42,276 | 35,529 | 15,444 | 14,809 | 399,38 |
| 2012 | 24,067 | 22,263 | 29,410 | 30,201 | 45,851 | 53,799 | 61,879 | 60,727 | 46,643 | 30,807 | 20,972 | 24,707 | 451,32 |
| 2011 | 14,193 | 10,896 | 11,955 | 16,414 | 33,078 | 49,187 | 64,531 | 62,454 | 57,641 | 35,587 | 27,287 | 26,003 | 409,22 |
| 2010 | 9,036 | 10,230 | 9,952 | 15,272 | 28,841 | 54,014 | 50,378 | 79,730 | 69,060 | 36,242 | 14,819 | 15,744 | 393,31 |
| 2009 | 13,785 | 11,467 | 12,165 | 15,230 | 24,701 | 36,223 | 55,949 | 62,312 | 57,508 | 36,531 | 12,001 | 10,114 | 347,98 |
| 2008 | 12,681 | 12,486 | 11,571 | 18,504 | 21,970 | 50,222 | 63,247 | 61,327 | 48,296 | 31,552 | 17,318 | 15,197 | 364,37 |
| 2007 | 13,243 | 12,286 | 12,492 | 13,117 | 24,385 | 46,662 | 57,462 | 58,583 | 40,329 | 34,493 | 12,441 | 10,613 | 336,10 |
| 3 Year Average | 19,062 | 16,784 | 19,186 | 19,060 | 31,130 | 49,366 | 62,896 | 61,422 | 49,502 | 31,738 | 18,161 | 18,745 | 397,052 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| laridge | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | 145,082 | February 143,793 | 147,526 | 157,309 | May 196,636 | 268,772 | 334,362 | 329,018 | 304,890 | 217,222 | November 185,231 | December 176,166 | 2,606,00 |
| | | | | | - | | | | • | | | | 2,606,00 2,717,58 |
| 2018 | 145,082 | 143,793 | 147,526 | 157,309 | 196,636 | 268,772 | 334,362 | 329,018 | 304,890 | 217,222 | 185,231 | 176,166 | 2,717,58 2,502,49 |
| 2018 2017 | 145,082 167,983 111,498 124,301 | 143,793 172,613 | 147,526 152,162 | 157,309 184,598 | 196,636 236,245 | 268,772 310,544 | 334,362 366,225 328,101 308,760 | 329,018 329,778 | 304,890 291,982 | 217,222 255,688 | 185,231 139,402 | 176,166 110,361 | 2,717,58 2,502,49 |
| 2018 2017 2016 | 145,082 167,983 111,498 | 143,793 172,613 113,172 | 147,526 152,162 132,122 | 157,309 184,598 149,391 | 196,636 236,245 189,533 | 268,772 310,544 265,409 | 334,362 366,225 328,101 | 329,018 329,778 296,245 | 304,890 291,982 330,036 | 217,222 255,688 235,874 | 185,231 139,402 183,353 | 176,166 110,361 167,758 | 2,717,58 2,502,49 2,114,38 |
| 2018 2017 2016 2015 | 145,082 167,983 111,498 124,301 | 143,793 172,613 113,172 129,849 | 147,526 152,162 132,122 158,295 | 157,309 184,598 149,391 137,938 | 196,636 236,245 189,533 164,129 | 268,772 310,544 265,409 230,362 | 334,362 366,225 328,101 308,760 | 329,018 329,778 296,245 269,152 | 304,890 291,982 330,036 227,903 | 217,222 255,688 235,874 116,328 | 185,231 139,402 183,353 127,568 | 176,166 110,361 167,758 119,804 | 2,717,58 2,502,49 2,114,38 3,011,06 |
| 2018 2017 2016 2015 2014 | 145,082 167,983 111,498 124,301 232,833 | 143,793 172,613 113,172 129,849 247,730 | 147,526 152,162 132,122 158,295 196,738 | 157,309 184,598 149,391 137,938 197,700 | 196,636 236,245 189,533 164,129 214,937 | 268,772 310,544 265,409 230,362 292,889 | 334,362 366,225 328,101 308,760 363,548 | 329,018 329,778 296,245 269,152 387,876 | 304,890 291,982 330,036 227,903 334,043 | 217,222 255,688 235,874 116,328 255,018 | 185,231 139,402 183,353 127,568 151,106 258,006 | 176,166 110,361 167,758 119,804 136,649 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 |
| 2018 2017 2016 2015 2014 2013 | 145,082 167,983 111,498 124,301 232,833 266,803 | 143,793 172,613 113,172 129,849 247,730 237,311 | 147,526 152,162 132,122 158,295 196,738 273,716 | 157,309 184,598 149,391 137,938 197,700 291,641 | 196,636 236,245 189,533 164,129 214,937 340,422 | 268,772 310,544 265,409 230,362 292,889 408,680 | 334,362 366,225 328,101 308,760 363,548 491,998 | 329,018 329,778 296,245 269,152 387,876 454,811 | 304,890 291,982 330,036 227,903 334,043 411,024 | 217,222 255,688 235,874 116,328 255,018 355,920 | 185,231 139,402 183,353 127,568 151,106 258,006 | 176,166 110,361 167,758 119,804 136,649 233,800 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 |
| 2018 2017 2016 2015 2014 2013 2012 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 | 2,717,58 2,502,49 2,114,38 3,011,00 4,024,13 3,812,39 4,745,41 |
| 2018 2017 2016 2015 2014 2013 2012 2011 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 4,745,41 2,928,32 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 4,745,41 2,928,32 2,755,52 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 4,745,41 2,928,32 2,755,52 4,351,55 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 350,340 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 4,745,41 2,928,32 2,755,52 4,351,55 4,518,85 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 4,745,41 2,928,32 2,755,52 4,351,55 4,518,85 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 3 Year Average | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 350,340 147,526 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 | 2,717,58 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 3 Year Average | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 February | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 350,340 147,526 March | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 April | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 May | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 June | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 July | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 August | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 September | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 October | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 November | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 December | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 4,745,41 2,928,32 2,755,52 4,351,55 4,518,85 2,444,82 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 3 Year Average Illys Park Place - MTCC 2018 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 January 660,972 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 February 689,457 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 350,340 147,526 March 879,991 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 April 861,726 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 May 926,517 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 June 280,056 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 July 521,227 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 298,392 August 741,104 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 September 696,563 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 October 1,142,719 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 November 822,953 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 December 735,261 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,12 3,812,39 4,745,47 2,928,32 2,755,52 4,351,55 4,518,86 2,444,82 8,958,54 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 3 Year Average Illys Park Place - MTCC 2018 2017 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 660,972 827,215 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 February 689,457 800,392 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 350,340 147,526 March 879,991 828,946 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 April 861,726 953,179 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 May 926,517 852,475 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 June 280,056 136,337 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 July 521,227 217,882 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 298,392 August 741,104 149,523 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 September 696,563 198,097 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 October 1,142,719 1,393,976 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 November 822,953 858,852 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 December 735,261 752,655 | 2,717,58 2,502,49 2,114,38 3,011,00 4,024,11 3,812,39 4,745,47 2,928,32 2,755,52 4,351,58 4,518,88 2,444,82 8,958,54 7,969,52 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 3 Year Average allys Park Place - MTCC 2017 2016 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 660,972 827,215 820,394 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 February 689,457 800,392 895,694 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 350,340 147,526 March 828,946 960,521 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 April 861,726 953,179 838,182 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 May 926,517 852,475 1,004,962 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 346,337 341,365 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 July 521,227 217,882 771,458 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 8298,392 August 741,104 149,523 857,550 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 September 696,563 198,097 450,583 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 October 1,142,719 1,393,976 1,264,015 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 November 822,953 858,852 787,640 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 December 735,261 752,655 740,323 | 2,717,58 2,502,49 2,114,33 3,011,00 4,024,11 3,812,39 4,745,47 2,928,32 2,755,52 4,351,59 4,351,59 4,351,59 4,351,59 4,351,59 4,518,88 2,444,82 2,444,82 5,969,52 9,732,68 |
| 2018 2017 2016 2015 2014 2013 2014 2013 2011 2010 2009 2008 2007 3 Year Average allys Park Place - MTCC 2017 2016 2015 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 660,972 827,215 820,394 741,221 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 February 689,457 800,392 895,694 674,604 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,340 147,526 March 879,991 828,946 960,521 850,507 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 April 861,726 953,179 838,182 793,817 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 May 926,517 852,475 1,004,962 922,114 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 364,591 280,056 136,337 341,365 362,466 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 July 521,227 217,882 771,458 574,341 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 August 741,104 149,523 857,550 299,992 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 September 696,563 198,097 450,583 341,544 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 October 1,142,719 1,393,976 1,264,015 1,137,866 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 822,953 858,852 787,640 938,914 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 December 735,261 752,655 740,323 812,763 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,38 4,745,41 2,928,32 2,755,52 4,351,55 4,518,88 2,444,82 8,958,54 7,969,52 9,732,66 8,450,14 |
| 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 3 Year Average allys Park Place - MTCC 2017 2016 2015 2016 2015 2014 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 February 689,457 800,392 895,694 674,604 690,354 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,813 350,340 147,526 March 879,991 828,946 960,521 850,507 817,791 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 April 861,726 953,179 838,182 793,817 811,238 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 May 926,517 852,475 1,004,962 922,114 1,197,300 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 341,365 362,466 756,702 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 July 521,227 217,882 771,458 574,341 273,930 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 August 741,104 149,523 857,550 299,992 152,414 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 September 696,563 198,097 450,583 341,544 268,251 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 October 1,142,719 1,393,976 1,264,015 1,137,866 1,269,181 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 858,852 787,640 938,914 833,473 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 December 735,261 752,655 740,323 812,763 910,420 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,38 4,745,47 2,928,32 2,755,52 4,351,55 4,518,86 2,444,82 8,958,54 7,969,52 9,732,68 8,450,14 8,655,38 |
| 2018 2017 2016 2015 2014 2013 2014 2013 2011 2010 2009 2008 2007 3 Year Average allys Park Place - MTCC 2017 2016 2015 | 145,082 167,983 111,498 124,301 232,833 266,803 289,556 201,397 136,928 293,159 325,831 349,790 134,594 660,972 827,215 820,394 741,221 | 143,793 172,613 113,172 129,849 247,730 237,311 260,138 224,891 116,398 246,074 316,645 306,536 138,545 February 689,457 800,392 895,694 674,604 | 147,526 152,162 132,122 158,295 196,738 273,716 281,648 394,675 98,938 221,423 350,340 147,526 March 879,991 828,946 960,521 850,507 | 157,309 184,598 149,391 137,938 197,700 291,641 275,732 390,696 166,748 196,174 337,072 347,260 157,309 April 861,726 953,179 838,182 793,817 | 196,636 236,245 189,533 164,129 214,937 340,422 286,005 464,575 313,675 234,465 343,645 407,206 196,636 May 926,517 852,475 1,004,962 922,114 | 268,772 310,544 265,409 230,362 292,889 408,680 358,781 488,678 352,277 236,490 449,895 461,591 268,772 364,591 280,056 136,337 341,365 362,466 | 334,362 366,225 328,101 308,760 363,548 491,998 447,596 550,271 341,711 268,306 463,971 537,944 334,362 July 521,227 217,882 771,458 574,341 | 329,018 329,778 296,245 269,152 387,876 454,811 462,844 523,869 367,094 299,660 436,116 539,278 298,392 August 741,104 149,523 857,550 299,992 | 304,890 291,982 330,036 227,903 334,043 411,024 374,075 461,542 319,304 217,715 399,178 456,951 283,307 September 696,563 198,097 450,583 341,544 | 217,222 255,688 235,874 116,328 255,018 355,920 305,146 389,819 254,986 191,451 360,348 125,692 202,630 October 1,142,719 1,393,976 1,264,015 1,137,866 | 185,231 139,402 183,353 127,568 151,106 258,006 200,360 331,765 244,220 189,514 273,268 318,320 150,108 822,953 858,852 787,640 938,914 | 176,166 110,361 167,758 119,804 136,649 233,800 270,509 323,240 216,043 161,090 294,768 317,948 132,641 December 735,261 752,655 740,323 812,763 | 2,717,58 2,502,49 2,114,38 3,011,06 4,024,13 3,812,39 4,745,41 2,928,32 2,755,52 4,351,55 4,518,85 |

| 2010 | | 665,844 | 591,237 | 800,900 | 1,014,180 | 1,526,778 | 1,580,774 | 668,582 | 440,701 | 360,549 | 865,917 | 703,472 | 535,780 | 9,754,71 |
|----------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 2010 | | 752,660 | 716,042 | 897,806 | 1,101,185 | 1,533,871 | 1,999,088 | 2,324,142 | 975,609 | 1,864,932 | 1,253,618 | 838,507 | 658,595 | 14,916,05 |
| 2008 | | 1,296,216 | 1,229,406 | 1,120,890 | 1,329,543 | 1,516,454 | 861,671 | 341,778 | 390,098 | 1,023,526 | 1,286,616 | 846,265 | 777,762 | 12,020,22 |
| 2007 | | 1,174,362 | 1,001,195 | 1,235,825 | 1,277,879 | 1,770,777 | 1,952,073 | 458,959 | 477,525 | 1,125,838 | 2,096,591 | 1,283,192 | 1,173,889 | 15,028,10 |
| | 3 Year Average | 796,277 | 790,230 | 879,991 | 861,726 | 926,517 | 280,056 | 521,227 | 435,688 | 330,075 | 1,265,286 | 861,802 | 768,580 | 8,717,45 |
| | | | | | | | | | | | | | | |
| Ballys Park Place- C | On Site | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | | - | - | - | - | 308,229 | 1,486,240 | 1,693,897 | 1,774,837 | 1,464,378 | 159,223 | - | - | 6,886,803 |
| 2017 | | - | - | - | - | 344,214 | 1,606,135 | 1,964,405 | 1,795,047 | 1,461,797 | - | - | - | 7,171,598 |
| 2016 | | - | - | - | - | 138,152 | 1,400,123 | 1,462,828 | 1,424,852 | 1,319,821 | - | - | - | 5,745,776 |
| 2015 | | - | - | - | - | 442,320 | 1,452,463 | 1,654,458 | 1,826,466 | 1,497,234 | - | - | - | 6,872,94 |
| 2014 | | - | - | - | - | - | 1,104,523 | 1,865,965 | 1,930,442 | 1,513,438 | - | - | - | 6,414,368 |
| 2013 | | - | - | - | - | 346,181 | 1,811,369 | 2,293,637 | 2,237,414 | 1,518,548 | - | - | - | 8,207,149 |
| 2012 | | - | - | - | - | - | 1,822,068 | 1,899,861 | 1,908,971 | 1,633,607 | 955,337 | - | - | 8,219,844 |
| 2011 | | | | | | | - | 2,405,156 | 1,918,822 | - | - | - | - | 4,323,978 |
| 2010 | | - | - | - | - | - | 864,531 | 2,381,924 | 2,332,067 | 1,984,016 | 389,153 | - | - | 7,951,691 |
| 2009 | | - | - | - | - | - | - | 197,946 | 1,949,754 | - | - | - | - | 2,147,700 |
| 2008 | | - | - | - | - | - | 1,451,370 | 2,350,416 | 2,313,964 | 1,294,323 | - | - | - | 7,410,073 |
| 2007 | | - | - | - | - | - | 279,856 | 2,389,579 | 2,404,178 | 1,222,963 | - | - | - | 6,296,576 |
| | 3 Year Average | - | - | - | - | 308,229 | 1,486,240 | 1,693,897 | 1,682,122 | 1,426,284 | - | - | - | 6,596,772 |
| | | | | | | | | | | | | | | |
| Ballys Park Place- T | Fotal | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | | 660,972 | 689,457 | 879,991 | 861,726 | 1,234,746 | 1,766,296 | 2,215,124 | 2,515,940 | 2,160,940 | 1,301,941 | 822,953 | 735,261 | 15,845,347 |
| 2017 | | 827,215 | 800,392 | 828,946 | 953,179 | 1,196,689 | 1,742,472 | 2,182,287 | 1,944,570 | 1,659,894 | 1,393,976 | 858,852 | 752,655 | 15,141,127 |
| 2016 | | 820,394 | 895,694 | 960,521 | 838,182 | 1,143,114 | 1,741,488 | 2,234,286 | 2,282,402 | 1,770,404 | 1,264,015 | 787,640 | 740,323 | 15,478,463 |
| 2015 | | 741,221 | 674,604 | 850,507 | 793,817 | 1,364,434 | 1,814,928 | 2,228,799 | 2,126,458 | 1,838,778 | 1,137,866 | 938,914 | 812,763 | 15,323,088 |
| 2014 | | 674,326 | 690,354 | 817,791 | 811,238 | 1,197,300 | 1,861,225 | 2,139,895 | 2,082,856 | 1,781,689 | 1,269,181 | 833,473 | 910,420 | 15,069,748 |
| 2013 | | 634,557 | 549,974 | 624,421 | 735,857 | 1,225,256 | 2,208,488 | 2,675,670 | 2,433,294 | 1,768,341 | 1,229,397 | 674,554 | 664,524 | 15,424,334 |
| 2012 | | 658,773 | 671,915 | 776,267 | 887,628 | 1,582,045 | 2,277,952 | 2,764,203 | 2,654,514 | 2,039,877 | 1,387,542 | 616,788 | 684,284 | 17,001,787 |
| 2011 | | | | | | | | | | | | | | - |
| 2010 | | | | | | | | | | | | | | - |
| 2009 | | | | | | | | | | | | | | - |
| 2008 | | | | | | | | | | | | | | - |
| 2007 | | | | | | | | | | | | | | - |
| | 3 Year Average | 796,277 | 790,230 | 879,991 | 861,726 | 1,234,746 | 1,766,296 | 2,215,124 | 2,117,810 | 1,756,359 | 1,265,286 | 861,802 | 768,580 | 15,314,226 |
| ally Wild Wild Wes | st | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | | 210,260 | 199,728 | 142,045 | 151,172 | 212,773 | 346,137 | 465,784 | 480,451 | 351,421 | 186,853 | 143,473 | 131,586 | 3,021,684 |
| 2017 | | 115,679 | 106,595 | 121,576 | 145,364 | 219,003 | 338,726 | 463,886 | 410,205 | 330,330 | 254,336 | 192,234 | 200,726 | 2,898,660 |
| 2016 | | 145,309 | 152,776 | 146,392 | 181,369 | 220,412 | 351,961 | 468,386 | 515,388 | 363,386 | 224,856 | 122,818 | 121,222 | 3,014,27 |
| 2015 | | 107,387 | 123,565 | 158,167 | 126,784 | 198,904 | 347,725 | 465,081 | 398,649 | 352,602 | 141,409 | 153,605 | 148,847 | 2,722,724 |
| 2014 | | 121,049 | 112,228 | 87,176 | 87,086 | 128,992 | 303,655 | 410,206 | 379,631 | 307,149 | 207,638 | 124,325 | 122,294 | 2,391,426 |
| 2013 | | 96,714 | 116,344 | 128,599 | 127,467 | 158,432 | 342,347 | 438,415 | 394,563 | 295,654 | 251,269 | 164,255 | 125,428 | 2,639,486 |
| 2012 | | 256,412 | 181,678 | 260,713 | 277,449 | 366,296 | 411,691 | 707,508 | 614,516 | 295,046 | 121,273 | 82,176 | 103,269 | 3,678,020 |
| 2011 | | 165,129 | 158,359 | 189,941 | 236,446 | 374,433 | 469,953 | 548,555 | 514,187 | 425,954 | 231,362 | 214,363 | 130,573 | 3,659,25 |
| 2010 | | 267,277 | 250,430 | 347,427 | 280,240 | 358,158 | 474,789 | 332,232 | 446,397 | 294,870 | 134,898 | 101,175 | 100,132 | 3,388,02 |
| 2009 | | 212,498 | 202,506 | 224,832 | 231,808 | 231,940 | 491,489 | 577,657 | 666,917 | 379,848 | 232,669 | 208,017 | 164,037 | 3,824,21 |
| 2008 | | 127,606 | 158,634 | 203,968 | 253,822 | 294,650 | 495,214 | 563,127 | 649,068 | 521,125 | 256,910 | 207,969 | 210,942 | 3,943,03 |
| | | 132,310 | 111,714 | 176,003 | 210,636 | 351,263 | 615,819 | 840,046 | 842,906 | 623,476 | 485,595 | 165,374 | 129,532 | 4,684,67 |
| 2007 | | | | - / | -,+ | - , | , | , | . , | -, | | ,- | - , | |
| 2007 | 3 Year Average | 122,792 | 127,645 | 142,045 | 151,172 | 212,773 | 346,137 | 465,784 | 441,414 | 348,773 | 206,867 | 156,219 | 156,932 | 2,878,553 |
| 2007 | 3 Year Average | | 127,645 | 142,045 | 151,172 | 212,773 | 346,137 | 465,784 | 441,414 | 348,773 | 206,867 | 156,219 | 156,932 | 2,878,55 |

| 2015 | 1 | 99,511 | 77,714 | 87,849 | 107,687 | 154,009 | 324,759 | 432,710 | 400,688 | 322,719 | 151,154 | 133,037 | 118,708 | 2,410,54 |
|-----------------|----------------|--------------------------|---------------------------|---------------------------|--------------------------|---------------------------|---------------------------|----------------------------------|-----------------------------|---------------------------|-------------------------|---------------------------|--------------------------|-----------------------|
| 2016 | | 93,329 | 87,410 | 105,540 | 120,313 | 156,036 | 250,259 | 361,960 | 368,827 | 234,873 | 145,579 | 94,436 | 90,082 | 2,108,64 |
| 2017 | | 86,268 | 79,090 | 83,238 | 97,060 | 215,996 | 160,032 | 410,140 | 290,930 | 249,000 | 155,000 | 69,591 | 48,806 | 1,945,15 |
| 2018 | | 49,901 | 48,659 | 92,209 | 108,353 | 175,347 | 245,017 | 401,603 | 414,197 | 306,916 | 187,037 | 143,906 | 128,538 | 2,301,68 |
| Pier at Caesars | | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| | | | | | | | | | | | | | 20,101 | |
| 2007 | 3 Year Average | 16,103 | - 16,551 | 20,478 | 5,494 | 18,999 | 57,634 70,023 | 107,994 176,539 | 187,788 | 184,425 | 47,635 35,803 | 19,043 12,803 | 9,813 20,407 | 400,6 765,4 |
| 2008 | | 8,656 | 4,311 - | 7,035 | 1,869 | 31,330 3,621 | 34,383 57,634 | 74,844 107,994 | 89,704 81,223 | 29,410 69,307 | 21,573 47,635 | 398 19,043 | 4,730 9,813 | 308,2 400,6 |
| 2009 | | 355 | 788 | 1,654 | - | 2,714 | 21,610 | 36,880 | 66,215 | 39,521 | 3,170 | 22 | 2,772 | 175, |
| 2010 | | 3,050 | 2,486 | 4,949 | 3,458 | 3,986 | 33,875 | 70,516 | 74,008 | 32,411 | 7,036 | 13,569 | 75,000 | 324, |
| 2011 | | 49,667 | 47,780 | 52,095 | 4,356 | 5,040 | 29,927 | 65,314 | 66,259 | 37,730 | 8,480 | 11,195 | 11,724 | 389 |
| 2012 | | 58,105 | 41,423 | 53,144 | 171 | 16,396 | 25,877 | 71,328 | 122,906 | 68,135 | 42,159 | 70,510 | 36,387 | 606 |
| 2013 | | 43,296 | 38,070 | 46,654 | 4,752 | 11,136 | 22,456 | 93,796 | 81,641 | 110,511 | 29,627 | | 3,398 | 497 |
| 2014 | | 19,137 | 78,972 | 64,872 | 17,339 | 40,907 | 77,105 | 106,739 | 130,609 | 187,103 | 61,397 | 152,494 | 76,887 | 1,013, |
| 2015 | | 15,784 | 4,784 | 13,285 | 4,353 | 29,527 | 83,708 | 173,651 | 154,238 | 229,389 | 13,641 | 10,234 | 2,373 | 734, |
| 2016 | | 6,510 | 9,633 | 11,911 | 10 | 5,816 | 80,359 | 164,261 | 226,601 | 196,759 | 20,972 | 2,566 | 12,534 | 737, |
| 2017 | | 26,015 | 35,236 | 36,237 | 12,120 | 21,654 | 46,001 | 191,704 | 182,525 | 127,126 | 72,795 | 25,610 | 46,313 | 823 |
| 2018 | | 92,524 | 41,121 | 15,358 | 4,121 | 14,249 | 52,517 | 132,404 | 115,761 | 120,952 | 13,177 | 8,562 | 10,191 | 620 |
| Boardwalk Hall | | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| | S real Average | 90,041 | 104,070 | 110,075 | 90,070 | 156,099 | 250,950 | 270,505 | 302,230 | 243,042 | 140,000 | 125,572 | 09,311 | 2,011 |
| 2007 | 3 Year Average | 397,303 96,641 | 275,581 104,670 | 403,884 116,075 | 479,096 98,678 | 669,970 158,699 | 819,902 250,950 | 1,010,882 278,565 | 1,061,621 302,256 | 837,197 243,842 | 721,229 146,688 | 427,431 125,572 | 478,188 89,311 | 7,582 2,011 |
| 2008 | | 496,091 | 459,059 | 454,910 | 480,303 | 580,970 | 877,165 | 991,321 | 939,599 | 798,124 | 641,590 | 378,363 | 311,568 | 7,409 |
| 2009 | | 298,132 | 235,501 | 314,152 | 365,704 | 519,311 | 728,092 | 968,028 | 1,131,191 | 702,492 | 504,756 | 384,248 | 274,927 | 6,426 |
| 2010 | | 321,408 | 250,168 | 301,160 | 388,394 | 605,510 | 841,938 | 945,661 | 907,598 | 806,222 | 491,339 | 355,000 | 239,935 | 6,454 |
| 2011 | | 282,324 | 329,803 | 319,254 | 440,485 | 695,551 | 798,889 | 990,564 | 885,647 | 729,121 | 413,486 | 315,044 | 238,498 | 6,438 |
| 2012 | | 221,935 | 205,980 | 354,683 | 411,037 | 616,519 | 721,890 | 1,019,076 | 939,452 | 681,920 | 430,796 | 238,840 | 282,577 | 6,124 |
| 2013 | | 215,278 | 200,692 | 261,817 | 420,950 | 570,059 | 740,108 | 1,031,365 | 941,463 | 770,987 | 613,346 | 366,151 | 346,947 | 6,479 |
| 2014 | | 327,651 | 260,503 | 317,557 | 383,011 | 609,315 | 905,352 | 1,050,556 | 874,490 | 683,558 | 424,614 | 178,475 | 129,999 | 6,145 |
| 2015 | | 94,021 | 108,343 | 122,488 | 109,297 | 201,241 | 330,315 | 432,731 | 338,107 | 265,991 | 107,220 | 141,296 | 125,840 | 2,376 |
| 2016 | | 66,557 | 89,252 | 113,927 | 113,333 | 198,374 | 317,102 | 269,296 | 440,660 | 351,279 | 230,929 | 212,032 | 132,672 | 2,535 |
| 2017 | | 129,344 | 116,415 | 111,811 | 73,403 | 76,482 | 105,434 | 133,669 | 128,002 | 114,257 | 101,915 | 23,389 | 9,421 | 1,123 |
| 2018 | | 10,626 | 8,224 | 116,075 | 98,678 | 158,699 | 250,950 | 278,565 | 372,291 | 294,420 | 148,456 | 164,875 | 128,117 | 2,029 |
| Trump Plaza ETS | 3 | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
| | 3 Year Average | 19,235 | 20,566 | 23,888 | 22,005 | 31,073 | 43,248 | 55,509 | 60,851 | 49,342 | 24,357 | 27,473 | 23,650 | 402 |
| 2007 | | 97,948 | 78,255 | 98,786 | 107,067 22,665 | 162,130 31,873 | 235,253 | 263,529 | 307,014 | 240,838 | 198,033 | 90,475 | 91,006 | 1,970, |
| 2008 | | 85,736 | 81,819 | 100,312 | 106,724 | 134,915 | 251,774 | 277,175 | 283,824 | 243,885 | 185,821 | 99,658 | 84,156 | 1,935 |
| 2009 | | 82,456 | 78,275 | 98,626 | 105,640 | 151,425 | 221,425 | 305,713 | 337,338 | 220,952 | 127,891 | 91,544 | 64,917 | 1,886 |
| 2010 | | 70,352 | 65,983 | 84,291 | 88,540 | 143,340 | 235,236 | 275,725 | 289,156 | 197,246 | 112,082 | 74,326 | 84,724 | 1,721 |
| 2011 | | 79,205 | 73,843 | 57,488 | 85,990 | 177,392 | 248,926 | 269,868 | 187,911 | 170,372 | 87,143 | 88,870 | 68,889 | 1,595 |
| 2012 | | 58,238 | 57,662 | 78,785 | 85,720 | 127,600 | 176,999 | 252,366 | 236,869 | 168,815 | 104,484 | 56,967 | 57,802 | 1,462 |
| 2013 | | 47,994 | 45,002 | 61,013 | 70,940 | 110,152 | 186,121 | 267,542 | 237,747 | 174,929 | 141,664 | 70,259 | 42,105 | 1,455 |
| 2014 | | 43,286 | 43,494 | 62,526 | 75,625 | 91,261 | 169,753 | 241,534 | 230,281 | 199,161 | 170,030 | 61,121 | 30,060 | 1,418 |
| 2015 | | 15,949 | 14,163 | 21,923 | 25,395 | 40,526 | 46,399 | 54,100 | 59,958 | 51,383 | 31,050 | 31,676 | 27,761 | 420 |
| 2016 | | 19,778 | 24,024 | 30,206 | 27,175 | 28,460 | 44,620 | 56,590 | 71,845 | 55,611 | 7,417 | 26,452 | 25,209 | 417 |
| 2017 | | 21,978 | 23,436 23,511 | 19,535 | 15,424 | 31,873 26,633 | 38,726 | 55,837 | 50,751 | 52,792 41,032 | 23,172 34,605 | 29,935 24,291 | 17,980 | 41 |

| 2012 | | 148,640 | 150,605 | 192,930 | 200,622 | 249,495 | 336,836 | 443,125 | 431,501 | 337,813 | 219,945 | 138,462 | 143,861 | 2,993,83 |
|----------------------|----------------|---------|----------|---------|------------------|---------|---------|---------|---------|-----------|---------|----------|----------|----------|
| 3 | 3 Year Average | 93,036 | 81,405 | 92,209 | 108,353 | 175,347 | 245,017 | 401,603 | 353,482 | 268,864 | 150,578 | 99,021 | 85,865 | 2,154,78 |
| | | | | | | | | | | | | | | |
| ACCC | | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | | | 1,144 | | 32,668 | 11,818 | 112,722 | 87,659 | 94,984 | 129,701 | 22,764 | 7,024 | 500 | 500,984 |
| 2017 | | - | - | - | 53,781 | 12,422 | 116,990 | 97,738 | 114,695 | 83,549 | 84,242 | 4,097 | 4,152 | 571,66 |
| 2016 | | - | - | - | 11,555 | 11,214 | 108,453 | 77,580 | 135,386 | 191,583 | 22,120 | 12,822 | - | 570,71 |
| 2015 | | - | - | 89 | 4,288 | 45,244 | 73,150 | 74,144 | 65,553 | 107,383 | 29,211 | 30,507 | - | 429,56 |
| 2014 | | - | - | - | 6,045 | 13,984 | 68,583 | 17,848 | 24,259 | 146,391 | 49,760 | 9,522 | - | 336,39 |
| 2013 | | - | - | - | 5,621 | 28,853 | 77,002 | 71,742 | 68,926 | 76,682 | 44,934 | 5,095 | - | 378,85 |
| 2012 | | - | - | - | 2,220 | 30,314 | 48,296 | 72,165 | 64,462 | 83,168 | 24,129 | - | 2,240 | 326,99 |
| 2011 | | - | - | - | 1,858 | 9,493 | 125,349 | 66,820 | 51,114 | 61,145 | 27,431 | 1,033 | 2,761 | 347,00 |
| 2010 | | - | - | - | - | 16,843 | 112,240 | 162,004 | 15,980 | 55,236 | 13,866 | - | - | 376,16 |
| 2009 | | - | - | - | - | - | 45,042 | 65,196 | 72,428 | 62,868 | 6,679 | - | - | 252,21 |
| 2008 | | - | - | - | 2,132 | 3,090 | 151,465 | 169,345 | 52,248 | 135,313 | 11,615 | 4,376 | - | 529,58 |
| 2007 | | - | - | - | 2,137 | 7,301 | 117,547 | 161,224 | 135,119 | 162,668 | 70,728 | 1,247 | - | 657,97 |
| 3 | 3 Year Average | - | - | 30 | 23,208 | 22,960 | 99,531 | 83,154 | 105,211 | 127,505 | 45,191 | 15,809 | 1,384 | 523,98 |
| | | | | | | | | | | | | | | |
| Wilmington - Justice | e | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | | 107,410 | 107,697 | 84,218 | 135, 20 6 | 199,642 | 260,462 | 310,520 | 305,854 | 231,458 | 135,429 | 83,115 | 69,346 | 2,030,35 |
| 2017 | | 68,411 | 84,442 | 99,908 | 168,211 | 214,623 | 299,015 | 333,616 | 310,731 | 257,781 | 220,370 | 129,142 | 102,133 | 2,288,38 |
| 2016 | | 43,892 | 51,104 | 95,002 | 105,295 | 155,912 | 250,854 | 327,055 | 357,255 | 239,255 | 158,737 | 94,070 | 73,583 | 1,952,01 |
| 2015 | | 45,626 | 41,465 | 57,743 | 132,112 | 228,390 | 231,516 | 270,890 | 245,388 | 218,089 | 107,340 | 84,807 | 76,687 | 1,740,05 |
| 2014 | | 50,200 | 45,740 | 58,685 | 100,022 | 194,912 | 261,097 | 294,959 | 273,391 | 256,546 | 178,711 | 69,587 | 60,147 | 1,843,99 |
| 2013 | | 47,177 | 39,114 | 45,397 | 101,446 | 193,325 | 293,694 | 367,790 | 309,813 | 245,031 | 178,256 | 79,430 | 65,383 | 1,965,85 |
| 2012 | | 52,315 | 49,640 | 101,072 | 94,544 | 206,466 | 238,069 | 311,001 | 285,596 | 208,507 | 138,228 | 47,690 | 50,967 | 1,784,09 |
| 2011 | | 43,732 | 52,413 | 73,104 | 121,846 | 210,637 | 273,134 | 325,820 | 283,180 | 248,150 | 135,903 | 94,481 | 68,405 | 1,930,80 |
| 2010 | | 61,949 | 49,206 | 84,010 | 128,974 | 187,639 | 274,990 | 356,170 | 312,236 | 249,150 | 131,550 | 65,275 | 45,589 | 1,946,73 |
| 2009 | | 60,565 | 53,896 | 61,425 | 113,395 | 227,206 | 320,421 | 344,238 | 383,771 | 234,317 | 117,120 | 65,465 | 58,497 | 2,040,31 |
| 2008 | | 58,778 | 54,660 | 69,123 | 155,305 | 210,482 | 383,869 | 435,228 | 370,999 | 332,214 | 259,392 | 107,334 | 68,163 | 2,505,54 |
| 2007 | | 103,653 | 40,671 | 75,999 | 102,424 | 236,651 | 351,652 | 421,054 | 437,599 | 349,410 | 286,177 | 82,720 | 54,867 | 2,542,87 |
| 3 | 3 Year Average | 52,643 | 59,004 | 84,218 | 135,206 | 199,642 | 260,462 | 310,520 | 304,458 | 238,375 | 162,149 | 102,673 | 84,134 | 1,993,48 |
| | | | | | | | | | | | | | | |
| Wilmington - King S | Street | January | February | March | April | Мау | June | July | August | September | October | November | December | |
| 2018 | | - | - | 1,363 | 11,414 | 32,755 | 63,021 | 94,918 | 92,241 | 63,398 | 18,164 | 1,789 | - | 379,06 |
| 2017 | | - | - | 1,083 | 20,725 | 24,102 | 65,410 | 93,387 | 89,500 | 66,621 | 46,494 | 6,176 | - | 413,49 |
| 2016 | | - | - | 3,006 | 11,680 | 26,493 | 59,473 | 100,884 | 112,653 | 74,649 | 23,682 | - | - | 412,52 |
| 2015 | | - | - | - | 1,838 | 47,669 | 64,180 | 90,483 | 84,897 | 64,523 | 13,846 | 5,368 | - | 372,80 |
| 2014 | | - | 0 | - | 2,913 | 24,073 | 51,351 | 68,744 | 56,433 | 46,600 | 15,059 | 75 | - | 265,24 |
| 2013 | | - | - | 0 | 11,922 | 27,421 | 51,310 | 94,947 | 68,397 | 43,701 | 13,994 | - | - | 311,69 |
| 2012 | | - | - | 9,210 | 10,204 | 47,575 | 62,423 | 88,727 | 75,956 | 48,115 | 12,098 | - | - | 354,30 |
| 2011 | | - | - | - | 16,215 | 46,173 | 69,965 | 94,970 | 78,610 | 49,896 | 16,243 | 554 | - | 372,62 |
| 2010 | | 728 | - | 10,606 | 31,172 | 49,560 | 86,423 | 93,606 | 79,341 | 57,975 | 20,934 | 1,866 | - | 432,21 |
| 2009 | | 4 | 830 | 1,689 | 23,284 | 32,122 | 58,649 | 82,000 | 93,561 | 55,418 | 21,553 | 9,558 | 1,240 | 379,90 |
| 2008 | | 1,655 | 1,375 | 2,688 | 24,402 | 34,288 | 77,594 | 92,398 | 70,991 | 57,831 | 32,273 | 19,843 | 4,059 | 419,39 |
| 2007 | | 4,057 | 797 | 9,214 | 14,484 | 50,779 | 80,374 | 91,513 | 95,488 | 70,829 | 57,484 | 15,352 | 72 | 490,44 |
| | 3 Year Average | - | - | 1,363 | 11,414 | 32,755 | 63,021 | 94,918 | 95,683 | 68,598 | 28,007 | 3,848 | - | 399,60 |
| 3 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

Thermal 6 yr Average

| тн | FRM | AL 6 YEAR AVERAG | F | | | | | | 1 | 1 | | | 1 | | |
|-----|----------------------|------------------|---|----------------------------------|---|----------------------------------|---|------------------------------|--------------------------------------|---------------------------------------|--------------------------------|----------------------------------|----------------------------------|----------------|---|
| | | | BUDGET | ACTUAL B | | | | | | | | | | | |
| 1 | Cancar | rs ETS1 | January | February | March | April | May | June | July | August | September | October | November | December | |
| · · | 2018 | 3 2101 | 6,110 | 3,352 | 2.846 | 2.197 | 1,172 | 1.034 | 972 | 1.338 | 1.478 | 1.527 | 1.830 | 3,106 | 26,960 |
| | 2017 | | 3,901 | 3,307 | 3,849 | 3,369 | 1,061 | 1,056 | 1,072 | 1,182 | 1,155 | 1,260 | 1,551 | 2,748 | 25,511 |
| | 2016 | | 3,968 | 3,935 | 2,496 | 1,648 | 1,001 | 1,000 | 952 | 932 | 947 | 1,182 | 1,509 | 2,960 | 22,870 |
| | 2015 | | 2,806 | 2,929 | 2,100 | 1,574 | 1,155 | 1,004 | 893 | 893 | 859 | 1,190 | 1,310 | 1,463 | 18,267 |
| - | | 3 year Average | 3,558 | 3,390 | 2,132 | 2,197 | 1,133 | 1,034 | 972 | 1,002 | 987 | 1,130 | 1,457 | 2,390 | 22,216 |
| | | o your Avorago | 0,000 | 0,000 | 2,010 | 2,107 | 1,112 | 1,004 | 0/1 | 1,002 | | ., | ., | 2,000 | 22,210 |
| 2 | Caesar | rs ETS2 | January | February | March | April | May | June | July | August | September | October | November | December | |
| - | 2018 | 0 2.102 | 6.808 | 5.490 | 7.807 | 4,143 | 4,205 | 3,538 | 3,290 | 3.197 | 3.176 | 4,291 | 5.223 | 6.716 | 57,884 |
| | 2017 | | 11.016 | 9,406 | 9,936 | 2,112 | 4,174 | 3.624 | 3,305 | 2,854 | 2,772 | 3,350 | 4,575 | 7,249 | 64,373 |
| | 2016 | | 8.587 | 7,887 | 5,859 | 4,925 | 4,159 | 3,260 | 3,236 | 3,156 | 3,230 | 4,245 | 5.612 | 8,224 | 62,380 |
| | 2015 | | 8,993 | 9,250 | 7,626 | 5,393 | 4,281 | 3,730 | 3,328 | 3,161 | 3,267 | 4,379 | 4,654 | 4,900 | 62,962 |
| | | 3 year Average | 9,532 | 8,848 | 7,807 | 4,143 | 4,205 | 3,538 | 3,290 | 3,057 | 3,090 | 3,991 | 4,947 | 6,791 | 63,238 |
| | | , , | | | | | | | | | | | | | |
| 3 | Caesar | rs ETS3 | January | February | March | April | May | June | July | August | September | October | November | December | |
| | 2018 | | 7,098 | 4,674 | 6,973 | 4,771 | 4,048 | 2,870 | 2,428 | 2,375 | 2,503 | 3,276 | 4,547 | 6,204 | 51,767 |
| | 2017 | | 9,332 | 7,458 | 8,138 | 3,690 | 2,842 | 2,220 | 2,274 | 2,098 | 2,164 | 2,931 | 4,270 | 5,344 | 52,761 |
| | 2016 | | 6,846 | 6,219 | 5,304 | 4,641 | 4,143 | 2,771 | 1,965 | 1,894 | 1,814 | 2,445 | 3,250 | 6,723 | 48,015 |
| | 2015 | | 7,328 | 7,410 | 7,476 | 5,983 | 5,159 | 3,620 | 3,045 | 3,281 | 3,640 | 4,815 | 5,751 | 5,981 | 63,489 |
| | | 3 year Average | 7,835 | 7,029 | 6,973 | 4,771 | 4,048 | 2,870 | 2,428 | 2,424 | 2,539 | 3,397 | 4,424 | 6,016 | 54,755 |
| | | | | | | | | | | | | | | | |
| 6 | Caesar | rs ETS6 | January | February | March | April | May | June | July | August | September | October | November | December | |
| T | 2018 | | 856 | 519 | 641 | 428 | 320 | 246 | 229 | 166 | 173 | 267 | 364 | 513 | 4,722 |
| | 2017 | | 778 | 608 | 714 | 420 | 355 | 278 | 254 | 256 | 245 | 213 | 338 | 630 | 5,089 |
| | 2016 | | 776 | 625 | 521 | 462 | 344 | 269 | 253 | 243 | 258 | 345 | 458 | 716 | 5,270 |
| | 2015 | | 750 | 848 | 688 | 402 | 260 | 190 | 181 | 188 | 187 | 293 | 350 | 424 | 4,761 |
| | | 3 year Average | 768 | 694 | 641 | 428 | 320 | 246 | 229 | 229 | 230 | 284 | 382 | 590 | 5,040 |
| | | | | | | | | | | | | | | | |
| 11 | | rs ETS11 | January | February | March | April | May | June | July | August | September | October | November | December | |
| | 2018 | | 925 | 674 | 870 | 564 | 498 | 431 | 355 | 599 | 343 | 409 | 453 | 687 | 6,808 |
| | 2017 | | 920 | 782 | 869 | 418 | 414 | 342 | 235 | 218 | 247 | 290 | 487 | 758 | 5,980 |
| | 2016 | | 932 | 791 | 632 | 588 | 504 | 422 | 398 | 338 | 289 | 341 | 381 | 758 | 6,374 |
| _ | 2015 | | 1,001 | 992 | 1,109 | 687 | 577 | 529 | 432 | 468 | 407 | 513 | 523 | 637 | 7,874 |
| _ | | 3 year Average | 951 | 855 | 870 | 564 | 498 | 431 | 355 | 341 | 314 | 381 | 464 | 718 | 6,743 |
| - | | | | | | | | | | | | | | | |
| 4 | Claridg | je | January | February | March | April | May | June | July | August | September | October | November | December | |
| _ | 2018 | | 4,362 | 3,202 | 3,466 | 2,564 | 1,955 | 1,134 | 1,197 | 1,466 | 1,660 | 2,162 | 2,815 | 3,415 | 29,398 |
| _ | 2017 | | 4,074 | 3,572 | 3,727 | 2,664 | 2,410 | 1,885 445 | 1,613 | 1,466 | 1,528 | 1,979 | 2,447 | 3,347 3,877 | 30,712 28,225 |
| _ | 2016 | | 3,435 | 3,306 | -, | 2,718 | 1,330 | 1,073 | 1,122 857 | 1,299 | ., | 2,316 | 0,0.0 | 1,811 | |
| _ | | 2 | 4,326 3,945 | 4,873 3,917 | 3,803 3.466 | 2,311 | 1,330 | 1,073 | 1,197 | 1,222 | 652 | 1,066 | 1,715 | 1,811 3,012 | 24,717 27,885 |
| _ | | 3 year Average | 3,945 | 3,917 | 3,400 | 2,304 | 1,955 | 1,134 | 1,197 | 1,222 | 1,292 | 1,767 | 2,393 | 3,012 | 27,000 |
| 5 | Ballye | Park Place | January | February | March | April | May | June | July | August | September | October | November | December | |
| - | 2018 | Tark Tiace | 17,791 | 14,046 | 15.769 | 12,526 | 11,014 | 9,270 | 8,687 | 7,858 | 8.280 | 10,192 | 11.331 | 13.802 | 140,566 |
| | 2017 | | 17,250 | 14,976 | 17,046 | 13,436 | 12,436 | 10,626 | 9,911 | 10,079 | 9,719 | 10,386 | 11,717 | 16,155 | 153,737 |
| | 2016 | | 17,621 | 19,457 | 14,617 | 12,034 | 10,504 | 8,361 | 7,618 | 7,424 | 8,357 | 11,061 | 12,717 | 15,638 | 145,409 |
| | 2015 | | 17,321 | 18,068 | 15,645 | 12,108 | 10,101 | 8,823 | 8,531 | 8,390 | 8,074 | 10,174 | 10,683 | 11,432 | 139,350 |
| | | 3 year Average | 17,397 | 17,500 | 15,769 | 12,526 | 11,014 | 9,270 | 8,687 | 8,631 | 8,717 | 10,540 | 11,706 | 14,408 | 146,165 |
| | | | | | | | | | | | | | | | |
| 7 | Bally V | Vild Wild West | January | February | March | April | May | June | July | August | September | October | November | December | |
| | 2018 | | 6,140 | 4,619 | 4,321 | 2,658 | 2,193 | 1,901 | 1,392 | 1,117 | 1,172 | 1,710 | 2,443 | 3,621 | 33,285 |
| | 2017 | | 4,325 | 4,269 | 5,096 | 2,421 | 2,487 | 2,106 | 1,539 | 1,514 | 1,836 | 1,998 | 3,253 | 5,286 | 36,130 |
| | 2016 | | 4,622 | 4,164 | 3,519 | 3,086 | 2,372 | 1,949 | 1,416 | 1,373 | 1,595 | 2,237 | 2,739 | 4,035 | 33,107 |
| | 2015 | | 5,634 | 5,807 | 4,347 | 2,466 | 1,720 | 1,648 | 1,220 | 919 | 1,012 | 1,550 | 2,417 | 2,786 | 31,527 |
| | | 3 year Average | 4,860 | 4,747 | 4,321 | 2,658 | 2,193 | 1,901 | 1,392 | 1,269 | 1,481 | 1,928 | 2,803 | 4,036 | 33,588 |
| | | | | | | | | | | | | | | | |
| 8 | | East ETS 8 | January | February | March | April | May | June | July | August | September | October | November | December | |
| | 2018 | | 1,384 | 1,471 | 1,170 | 751 | 621 | 370 | 405 | 615 | 460 | 819 | 857 | 1,143 | 10,066 |
| _ | 2017 | | 1,061 | 928 | 1,168 | 440 | 660 | 391 | 389 | 390 | 364 | 401 | 506 | 501 | 7,199 |
| _ | 2016 | | 696 | 1,010 | 1,199 | 1,045 | 641 | 385 | 401 | 441 | 428 | 1,146 | 594 | 874 | 8,860 |
| Ļ | 2015 | | 2,304 | 1,277 | 1,142 | 767 | 561 | 335 | 425 | 395 | 312 | 464 | 564 | 560 | 9,107 |
| _ | | 3 year Average | 1,354 | 1,072 | 1,170 | 751 | 621 | 370 | 405 | 409 | 368 | 670 | 555 | 645 | 8,389 |
| - | - | Di | | | | . | | | l | | | | | | - |
| 9 | | Plaza ETS 9 | January | February | March | April | May | June | July | August | September | October | November | December | Totals |
| - | 2018 | | 7,470 | 4,706 | 4,865 | 4,619 | 2,281 | 1,171 | 1,030 | 1,952 | 2,250 | 2,694 | 4,388 | 5,823 | 43,247 |
| _ | | | | 0,000 | 0,000 | ., | | - | | | | .,==== | _, | ., | 36,107 |
| - | | | | -, | | 0,000 | 1 | | | ., | ., | _, | ., | | 40,827 |
| | | | | | | 1 : | 1 | | | | 1 . | | 1 | | 35,387 |
| | | s vear Average | 5 766 | 5612 | 4 865 | 4 6 1 9 | 2 281 | 1 1 1 7 1 | 1 030 | 1 043 | 1 1 063 | 1 709 | 3 262 | | 37,440 |
| | 2017 2016 2015 | 3 year Average | 6,684 5,137 5,478 5,766 | 5,592 5,040 6,203 5,612 | 5,993 4,258 4,345 4,865 | 7,604 3,800 2,452 4,619 | 1,875 2,665 2,303 2,281 | - 1,728 1,784 1,171 | 55 1,448 1,586 1,030 | 136 1,501 1,491 1,043 | 132 1,612 1,446 1,063 | 1,296 2,353 1,478 1,709 | 2,141 4,880 2,765 3,262 | 6 | 4,599 6,405 4,056 5,020 |

Thermal 6 yr Average

| | | 1 | | | | | | | | | | | | |
|---|---------------------------------------|--|--|--|---|--|--|--|--|---|--|--|---|--|
| | walk Hall | January | February | March | April | May | June | July | August | September | October | November | December | |
| 2018 | | 12,315 | 8,388 | 5,641 | 1,477 | 588 | 462 | 466 | 586 | 555 | 591 | 1,539 | 3,663 | 36,272 |
| 2017 | | 9,971 | 9,521 | 10,104 | 1,842 | 309 | 253 | 262 | 285 | 250 | 278 | 2,833 | 6,436 | 42,344 |
| 2016 | | 1,702 | 9,224 | 4,652 | 462 | 468 | 291 | 261 | 265 | 253 | 280 | 1,672 | 6,963 | 26,493 |
| 2010 | | 11,300 | 11.143 | 7,809 | 3,604 | 1,575 | 1,306 | 1,342 | 1,341 | 1,238 | 1,236 | 2,250 | 1,836 | 45,981 |
| 2015 | | | | | | | | | | | | | | |
| _ | 3 year Average | 7,658 | 9,963 | 7,522 | 1,969 | 784 | 617 | 622 | 630 | 580 | 598 | 2,252 | 5,078 | 38,273 |
| | | | | | | | | | | | | | | |
| ACCC | | January | February | March | April | May | June | July | August | September | October | November | December | |
| 2018 | | 7,674 | 3,800 | 2,941 | 1,121 | 244 | | | | | 147 | 1,186 | 3,274 | 20,387 |
| 2017 | | 4.880 | 3.401 | 3,305 | 741 | 3 | | - | | | 18 | 1.216 | 4.925 | 18,489 |
| 2016 | | 6,189 | 5,404 | 2,578 | 1,500 | 485 | | | | | 198 | 1,070 | 3,191 | 20,615 |
| 2010 | | 6,943 | | | | | | | | | | | | |
| | | | 8,924 | 4,987 | 1,656 | 117 | | | - | - | 206 | 521 | 1,147 | 24,500 |
| 2014 | | 7,080 | 5,904 | 5,372 | 1,186 | 188 | - | - | 10 | 17 | 126 | 1,909 | 2,955 | 24,748 |
| 2013 | | 4,968 | 4,765 | 4,084 | 662 | 232 | - | - | - | - | 89 | 1,842 | 3,368 | 20,008 |
| 2012 | | 3,267 | 2,943 | 1,760 | 589 | - | - | - | - | - | 79 | 2,895 | 1,874 | 13,406 |
| 2011 | | 5,942 | 4,195 | 3,041 | 1,219 | - | - | - | - | - | - | 565 | 3,033 | 17,995 |
| 2010 | | 5,072 | 5,274 | 1,925 | 165 | 3 | | - | - | - | 135 | 798 | 5,019 | 18,391 |
| 2009 | | 5,860 | 4,424 | 3,646 | 1,182 | | - | | | - | 173 | 408 | 3,496 | 19,189 |
| 2003 | | 4,563 | 3,764 | 2,533 | 992 | - | - | | | | 480 | 1,449 | 2,783 | 16,564 |
| | | | | | | | | | | | | | | |
| 2007 | | 3,949 | 6,867 | 3,513 | 1,194 | 1 | - | - | - | - | - | 947 | 2,180 | 18,651 |
| | 3 year Average | 6,004 | 5,910 | 3,623 | 1,299 | 202 | - | - | - | - | 141 | 936 | 3,088 | 21,201 |
| | | | | | | | | | | | | | | |
| Wilmin | ngton - Justice | January | February | March | April | May | June | July | August | September | October | November | December | |
| 2018 | | 2,680 | 1,846 | 1,688 | 1,182 | 1,001 | 724 | 679 | 601 | 627 | 839 | 1,138 | 1,708 | 14,713 |
| 2017 | | 1,776 | 1,341 | 1,748 | 943 | 869 | 696 | 668 | 625 | 606 | 771 | 1,450 | 2,431 | 13,924 |
| | | 2,195 | | | | | | | | | 834 | | 2,431 | |
| 2016 | | | 1,878 | 1,340 | 1,088 | 1,004 | 757 | 708 | 674 | 712 | | 1,194 | | 14,458 |
| 2015 | | 2,631 | 2,663 | 1,976 | 1,516 | 1,130 | 718 | 662 | 653 | 635 | 910 | 1,117 | 1,329 | 15,939 |
| 2014 | | 2,551 | 2,025 | 1,863 | 1,181 | 1,031 | 819 | 779 | 922 | 1,142 | 1,437 | 1,683 | 2,015 | 17,448 |
| 2013 | | 1,935 | 1,757 | 1,507 | 951 | 898 | 920 | 857 | 945 | 1,060 | 1,291 | 1,756 | 2,134 | 16,011 |
| 2012 | | 1,514 | 1,145 | 808 | 610 | 466 | 350 | 289 | 316 | 383 | 694 | 1,340 | 1,546 | 9,460 |
| 2011 | | 1,676 | 1,405 | 1,150 | 626 | 415 | 277 | 256 | 326 | 418 | 693 | 866 | 1,237 | 9,344 |
| 2010 | | 1,993 | 1,725 | 969 | 554 | 353 | 245 | 336 | 290 | 357 | 619 | 915 | 2,000 | 10,356 |
| 2009 | | 2,540 | 1,723 | 1.348 | 941 | 949 | 840 | 512 | 505 | 455 | 570 | 637 | 1,681 | 12,525 |
| | | | | ., | | 0.0 | 0.0 | | | | | | | |
| 2008 | | 2,044 | 1,848 | 1,589 | 1,322 | 1,271 | 923 | 894 | 938 | 1,045 | 1,459 | 1,631 | 1,895 | 16,859 |
| 2007 | | 2,248 | 2,220 | 1,442 | 1,181 | | | | | | | | | 17,099 |
| | | | | | 1,101 | 842 | 894 | 1,124 | 1,179 | 1,196 | 1,434 | 1,459 | 1,880 | |
| | 3 year Average | 2,201 | 1,961 | 1,442 | 1,181 | 1,001 | 724 | 679 | 651 | 651 | 838 | 1,459 | 1,860 | 14,774 |
| | 3 year Average | | | | | | | | | | | | | |
| | | 2,201 | 1,961 | 1,688 | 1,182 | 1,001 | 724 | 679 | 651 | 651 | 838 | | 1,945 | |
| Wilmin | 3 year Average ngton - King Street | 2,201 January | 1,961 February | 1,688 March | 1,182 April | 1,001 May | 724 June | | 651 August | | 838 October | 1,254 | 1,945 December | 14,774 |
| Wilmin 2018 | | 2,201 January 919 | 1,961 February 518 | 1,688 March 479 | 1,182 April 194 | 1,001 May 61 | 724 June 4 | 679 July - | 651 | 651 | 838 | 1,254 November 254 | 1,945 December 524 | 2,981 |
| Wilmin 2018 2017 | | 2,201 January 919 711 | 1,961 February 518 396 | 1,688 March 479 529 | 1,182 April 194 139 | 1,001 May 61 67 | 724 June 4 12 | 679 July - | 651 August 0 | 651 September - - | 838 October 28 | 1,254 November 254 405 | 1,945 December 524 822 | 2,981 3,081 |
| Wilmin 2018 2017 2016 | | 2,201 January 919 711 792 | 1,961 February 518 396 612 | 1,688 March 479 529 316 | 1,182 April 194 139 258 | 1,001 May 61 67 117 | 724 June 4 12 - | 679 July - - - | 651 August 0 - | 651 September - - - | 838 October 28 - 47 | 1,254 November 254 405 282 | 1,945 December 524 822 741 | 2,981 3,081 3,165 |
| Wilmin 2018 2017 2016 2015 | | 2,201 January 919 711 792 918 | 1,961 February 518 396 612 970 | 1,688 March 479 529 316 592 | 1,182 April 194 139 258 185 | 1,001 May 61 67 117 - | 724 June 4 12 - | 679 July - - - - | 651 August - - - | 651 September - - - - | 838 October 28 - 47 - | 1,254 November 254 405 282 234 | 1,945 December 524 822 741 346 | 2,981 3,081 3,165 3,244 |
| Wilmin 2018 2017 2016 2015 2014 | | 2,201 January 919 711 792 918 732 | 1,961 February 518 396 612 970 676 | 1,688 March 479 529 316 592 503 | 1,182 April 194 139 258 185 203 | 1,001 May 61 67 117 - - | 724 June 12 - - | 679 July - - - | 651 August - - - - | 651 September - - - | 838 October 28 - 47 - 99 | 1,254 November 254 405 282 234 545 | 1,945 December 524 822 741 346 583 | 2,981 3,081 3,165 3,244 3,341 |
| Wilmin 2018 2017 2016 2015 | | 2,201 January 919 711 792 918 | 1,961 February 518 396 612 970 | 1,688 March 479 529 316 592 | 1,182 April 194 139 258 185 | 1,001 May 61 67 117 - | 724 June 4 12 - | 679 July - - - - | 651 August - - - | 651 September - - - - | 838 October 28 - 47 - | 1,254 November 254 405 282 234 | 1,945 December 524 822 741 346 | 2,981 3,081 3,165 3,244 |
| Wilmin 2018 2017 2016 2015 2014 | | 2,201 January 919 711 792 918 732 | 1,961 February 518 396 612 970 676 | 1,688 March 479 529 316 592 503 | 1,182 April 194 139 258 185 203 | 1,001 May 61 67 117 - - | 724 June 12 - - | 679 July - - - - | 651 August - - - - | 651 September - - - - | 838 October 28 - 47 - 99 | 1,254 November 254 405 282 234 545 | 1,945 December 524 822 741 346 583 | 2,981 3,081 3,165 3,244 3,341 |
| Wilmin 2018 2017 2016 2015 2014 2013 | | 2,201 January 919 711 792 918 732 751 | 1,961 February 518 396 612 970 676 648 | 1,688 March 479 529 316 592 503 453 | 1,182 April 194 139 258 185 203 60 | 1,001 May 61 67 1117 - - - | 724 June 12 - - | 679 July - - - - - - - | 651 August - - - - - | 651 September - - - - | 838 October 28 - 47 - 99 68 | 1,254 November 254 405 282 234 545 405 | 1,945 December 524 822 741 346 583 602 | 2,981 3,081 3,165 3,244 3,341 2,986 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 | | 2,201 January 919 711 792 918 732 751 536 729 | 1,961 February 518 396 612 970 676 648 398 441 | 1,688 March 479 529 316 592 503 453 453 125 272 | 1,182 April 194 139 258 185 203 60 40 59 | 1,001 May 61 67 117 - - - - - - - - | 724 June 12 - - | 679 July - - - - - - - - - | 651 August - - - - - - - | 651 September - - - - - - - | 838 October 28 - 47 - 99 68 17 | 1,254 November 254 405 282 234 545 405 405 379 66 | 1,945 December 524 822 741 346 583 602 453 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2011 2010 | igton - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 | 1,961 February 518 396 612 970 676 648 398 441 690 | 1,688 March 479 529 316 592 503 453 453 125 272 259 | 1,182 April 194 139 258 185 203 60 40 59 53 | 1,001 May 61 67 1117 - - - - - - 31 | 724 June 12 - - - - - - | 679 July - - - - - - - - | 651 August - - - - - - - | 651 September - - - - - - - - - - | 838 October 28 - 47 - 99 68 17 47 - 47 | 1,254 November 254 405 282 234 545 405 379 66 146 | 1,945 December 524 822 741 346 583 602 453 298 554 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,949 1,913 2,353 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 | igton - King Street | 2,201 919 711 792 918 732 751 536 729 620 503 | 1,961 February 518 396 612 970 676 648 398 441 690 237 | 1,688 March 479 529 316 592 503 453 453 125 272 259 205 | 1,182 April 194 139 258 185 203 60 40 59 53 124 | 1,001 May 61 67 1117 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - - - - 3 | 679 July - - - - - - - - | 651 August - - - - - - - - - - - | 651 September - - - - - - - - - - - | 838 October - 47 - 99 68 17 47 - 47 - | 1,254 November 254 405 282 234 545 405 379 66 146 233 | 1,945 December 524 822 741 346 583 602 453 298 554 516 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 |
| Wilmin 2018 2017 2016 2015 2014 2012 2011 2010 2009 2008 | igton - King Street | 2,201 919 711 792 918 732 751 536 729 620 503 369 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 | 1,688 March 479 529 316 592 503 453 125 272 2259 205 205 171 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 | 1,001 May 61 67 117 - - - - - - - - - - - - - - - - - | 724 June 4 - - - - - - - - - - - 3 8 | 679 July - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September - - - - - - - - - - | 838 October 28 - 47 - 99 68 17 47 - 47 - 49 6 | 1,254 November 254 405 282 234 545 405 379 66 146 233 227 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | igton - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 503 369 318 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 482 | 1,688 March 479 529 316 592 503 453 125 272 272 259 205 171 186 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 124 83 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - 3 8 8 4 | 679 July - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - 8 | 838 October 28 - 47 - 99 68 17 47 - 49 66 8 | 1,254 November 254 405 282 234 545 405 379 66 146 233 227 218 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 320 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 1,663 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | igton - King Street | 2,201 919 711 792 918 732 751 536 729 620 503 369 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 | 1,688 March 479 529 316 592 503 453 125 272 259 205 205 171 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 | 1,001 May 61 67 117 - - - - - - - - - - - - - - - - - | 724 June 4 - - - - - - - - - - - 3 8 | 679 July - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September - - - - - - - - - - - | 838 October 28 - 47 - 99 68 17 47 - 47 - 49 6 | 1,254 November 254 405 282 234 545 405 379 66 146 233 227 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | igton - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 503 369 318 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 482 | 1,688 March 479 529 316 592 503 453 125 272 272 259 205 171 186 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 124 83 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - 3 8 8 4 | 679 July - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - 8 | 838 October 28 - 47 - 99 68 17 47 - 49 66 8 | 1,254 November 254 405 282 234 545 405 379 66 146 233 227 218 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 320 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 1,663 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | igion - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 503 369 318 807 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 482 659 | 1,688 March 479 529 316 592 503 453 125 272 272 259 205 171 186 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 124 83 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - 3 8 8 4 | 679 July - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - 8 | 838 October 28 - 47 - 99 68 17 47 - 49 66 8 | 1,254 November 254 405 282 234 545 405 379 66 146 233 227 218 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 320 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 1,663 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | igion - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 503 369 318 807 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 482 659 | 1,688 March 479 529 316 592 503 453 125 272 272 259 205 171 186 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 124 83 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - 3 8 8 4 | 679 July - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - 8 | 838 October 28 - 47 - 99 68 17 47 - 49 66 8 | 1,254 November 254 405 282 234 545 405 379 66 146 233 227 218 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 320 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 1,663 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | igton - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 503 369 318 807 | 1,961 February 518 396 612 970 676 648 398 441 680 237 298 482 659 | 1,688 March 479 529 316 592 503 453 125 272 259 205 171 186 479 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 104 194 | 1,001 May 61 67 117 - - - - - - - - - - - - - - - - - | 724 June 4 12 - - - - - - 3 8 8 4 | 679 July - - - - - - - - - - - - - - - - - - - | 651 August - - - - - - - - - - 8 - - | 651 September - - - - - - - - - - - - - - - - - - - | 838 October 28 - 47 - - 99 68 17 47 - - 47 - - 49 6 6 8 16 | 1,254 November 254 405 282 234 545 379 66 146 233 227 218 307 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 320 | 14,774 2,981 3,081 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 1,663 |
| Wilmin 2018 2017 2016 2015 2014 2013 2012 2011 2010 2009 2008 2007 | gton - King Street | 2,201 January 919 711 732 751 536 620 503 369 318 807 Production January | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 482 659 59 | 1,688 March 479 529 316 592 503 453 125 272 259 205 171 186 479 479 March | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 104 194 April April | 1,001 May 61 67 117 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - - - - - - - - - - - - - | 679 July - - - - - - - - - - - - - - - - - - - | 651 August 0 - - - - - - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - - - - - - - | 838 October 28 - 99 68 17 47 - - 49 6 6 8 16 0 Cctober | 1,254 November 254 405 829 234 4545 405 379 66 146 233 227 218 307 November November | 1,945 December 524 822 741 346 683 602 453 2288 554 554 516 314 320 636 314 208 554 554 554 554 554 554 554 55 | 14,774 2,981 3,061 3,165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 1,663 3,163 |
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| Wilmin 2018 2017 2016 2015 2015 2014 2011 2011 2011 2010 2009 2009 2007 | agon - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 503 3699 318 807 Production January 54,322 6,189 2,987 57,309 Jan 69,312 4,880 2,487 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 482 659 February 61,658 5,404 2,490 64,148 Feb 60,419 3,401 1,737 | 1,688 March 479 529 316 592 503 453 125 272 225 205 205 205 1711 186 479 479 479 479 479 479 479 479 479 479 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 3 104 194 194 25,409 1,500 1,346 36,755 Apr 38,416 741 1,082 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - - - - - - - - | 679 July - - - - - - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - - - - - - - | 838 October 28 - 47 - - 99 68 17 47 - - 49 6 8 16 16 27,951 198 8811 28,832 October 27,951 198 8811 28,832 October 27,951 198 8811 28,832 00 199 199 199 199 199 199 199 | 1,254 November 254 405 282 234 545 379 66 146 233 227 218 307 36,830 1,070 1,070 1 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 320 636 636 57,173 3,191 2,815 59,988 Dec 53,053 4,925 3,225 | 14,774 2,981 3,061 3,166 3,244 3,341 1,913 1,913 1,913 1,500 1,663 3,162 427,830 2,0,615 17,0,623 445,453 Total 459,943 18,485 17,0,623 |
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| Wilmin 2018 2017 2016 2015 2015 2011 2011 2011 2011 2010 2009 2009 2009 | agon - King Street | 2,201 January 919 711 792 918 7322 751 536 620 503 369 318 807 Production January 54,322 6,189 2,987 57,309 Jan 69,312 4,880 2,487 76,679 | 1,961 February 518 336 612 970 676 648 398 441 690 237 298 482 659 February 61,658 5,404 2,490 64,148 Feb 8,549 1,737 65,557 | 1,688 March 479 529 316 592 503 453 125 272 225 205 205 205 1711 186 479 479 479 479 479 479 479 479 479 479 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 3 104 194 194 25,409 1,500 1,346 36,755 Apr 38,416 741 1,082 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June - - - - - - - - - - - - - | 679 July - - - - - - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - - - - - - - | 838 October 28 - 47 - 99 68 17 - - 49 68 8 17 - - 49 68 8 17 - - - 49 68 8 17 - - - - - - - - - - - - - | 1,254 November 254 405 282 234 545 379 66 146 233 227 218 307 36,830 1,070 1,070 1 | 1,945 December 524 822 741 346 683 602 453 298 554 554 554 564 314 320 636 314 320 636 54 554 554 554 554 554 554 554 | 14,774 2,981 3,061 3,166 3,244 3,341 1,913 1,913 1,913 1,500 1,663 3,162 427,830 2,0,615 17,0,623 445,453 Total 459,943 18,485 17,0,623 |
| Wilmin 2018 2017 2016 2015 2015 2014 2011 2011 2011 2010 2009 2009 2007 | agon - King Street | 2,201 January 919 711 792 918 732 751 536 729 620 503 3699 318 807 Production January 54,322 6,189 2,987 57,309 Jan 69,312 4,880 2,487 | 1,961 February 518 396 612 970 676 648 398 441 690 237 298 482 659 February 61,658 5,404 2,490 64,148 Feb 60,419 3,401 1,737 | 1,688 March 479 529 316 592 503 453 125 272 225 205 205 205 1711 186 479 479 479 479 479 479 479 479 479 479 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 3 104 194 194 25,409 1,500 1,346 36,755 Apr 38,416 741 1,082 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June 4 12 - - - - - - - - - - - - - | 679 July - - - - - - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - - - - - - - | 838 October 28 - 47 - - 99 68 17 47 - - 49 6 8 16 16 27,951 198 8811 28,832 October 27,951 198 8811 28,832 October 27,951 198 8811 28,832 00 199 199 199 199 199 199 199 | 1,254 November 254 405 282 234 545 379 66 146 233 227 218 307 36,830 1,070 1,070 1 | 1,945 December 524 822 741 346 583 602 453 298 554 516 314 320 636 636 57,173 3,191 2,815 59,988 Dec 53,053 4,925 3,225 | 14,774 2,981 3,081 3,165 3,244 3,344 3,344 3,344 3,344 3,344 1,913 2,353 1,912 1,500 1,663 3,163 2,0,615 17,623 445,453 Total 459,943 18,488 17,005 495,437 |
| Wilmin 2018 2017 2016 2016 2017 2018 2019 2012 2011 2012 2011 2010 2012 2011 2010 2009 2008 2007 2009 2011 2012 2011 2011 2011 2011 2011 | sgion - King Street | 2,201 January 919 711 792 918 7322 751 536 620 503 369 318 807 Production January 54,322 6,189 2,987 57,309 Jan 69,312 4,880 2,487 76,679 | 1,961 February 518 336 612 970 676 648 398 441 690 237 298 482 659 February 61,658 5,404 2,490 64,148 Feb 8,549 1,737 65,557 | 1,688 March 479 529 316 592 503 453 125 272 259 205 272 259 205 1711 186 479 45,924 2,578 1,656 47,580 March 46,640 3,305 2,277 72,222 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 104 194 194 194 April 35,409 1,500 1,346 36,755 Apr 38,416 741 1,082 40,239 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June - - - - - - - - - - - - - | 679 July - - - - - - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - - - - - - - | 838 October 28 - 47 - 99 68 17 - - 49 68 8 17 - - 49 68 8 17 - - - 49 68 8 17 - - - - - - - - - - - - - | 1,254 November 254 405 282 234 4545 405 379 66 146 233 227 218 307 218 307 36,830 1,070 1,476 38,306 Nov 34,118 1,216 1,855 37,189 | 1,945 December 524 822 741 346 683 602 453 298 554 554 554 564 314 320 636 314 320 636 54 554 554 554 554 554 554 554 | 14,774 2,981 3,081 3,081 3,085 3,244 3,341 2,986 1,943 1,912 1,506 1,663 3,169 427,830 20,615 17,623 445,453 |
| Wilmin 2018 2017 2016 2016 2017 2018 2019 2012 2011 2012 2011 2010 2012 2011 2010 2009 2008 2007 2009 2011 2012 2011 2011 2011 2011 2011 | sigon - King Street | 2,201 January 919 919 711 732 751 536 729 620 503 389 318 807 9 729 6,20 318 807 January 2,887 54,322 6,189 2,987 57,309 January 1,289 77,679 2,487 77,679 2,1259 | 1,961 February 518 396 612 970 676 648 398 441 690 2377 298 482 659 February 61,658 5,404 2,490 64,148 Feb 60,419 3,401 1,737 65,557 51,141 | 1,688 March 479 529 316 592 503 453 125 272 259 205 171 186 479 March 45,924 2,578 1,656 47,580 77 2,227 72,222 54,368 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 104 194 194 25,409 1,500 1,346 36,755 Apr 38,416 741 1,082 40,239 36,698 | 1,001 May 61 67 - - - - - - - - - - - - - | 724 June - - - - - - - - - - - - - | 679 July - - - - - - - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September - - - - - - - - - - - - - - - - - - - | 838 October 28 - 47 - 99 68 17 47 - 49 68 8 16 0 0 0 0 0 0 0 0 0 0 8 8 16 16 18 27,951 198 881 28,832 0 0 0 0 0 0 0 0 0 0 0 0 0 | 1,254 November 254 405 282 234 565 379 66 146 233 227 218 307 36,830 1,070 36,830 1,070 36,830 1,070 34,118 1,216 1,855 37,189 35,791 | 1,945 24 824 824 741 346 583 602 453 298 554 516 314 320 636 Decamber 57,173 3,191 2,815 59,988 Dec 53,053 4,925 3,253 61,231 - 48,692 3,274 | 144,774 2,981 3,081 3,081 3,0165 3,244 3,341 2,986 1,949 1,913 2,353 1,912 1,506 1,663 3,163 20,615 17,623 427,830 20,615 17,623 459,943 18,489 17,005 499,437 440,976 |
| Wilmin 2018 2017 2016 2017 2015 2014 2015 2014 2015 2014 2015 2014 2012 2011 2010 2009 2008 2007 2009 2011 2011 2011 2011 2011 2011 2011 | gion - King Street | 2,201 January 919 711 792 918 732 751 536 620 503 369 318 807 Production January 54,322 6,189 2,987 57,309 January 54,322 4,880 2,487 76,759 76,759 77,679 7,675 7,767 7,675 7,755 7,675 7,755 7, | 1,961 February 518 3366 612 970 6766 648 398 441 690 237 298 482 659 5404 2,490 64,148 February 61,655 5,404 2,490 64,148 5,404 2,490 64,148 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,504 5,505 5,5 | 1,688 March 479 529 316 592 259 205 171 186 479 257 272 259 205 171 186 479 257 8 1.656 47,580 March March 45,924 2.578 1.656 47,580 77,222 54,368 2.944 | 1,182 April 194 139 258 185 203 60 40 59 53 124 83 104 194 83 104 194 83 104 194 84 165 741 1,082 40,755 88,4166 741 1,082 40,755 88,4166 741 1,082 40,755 88,4166 741 1,082 741 741 1,082 741 741 1,082 741 741 1,082 741 741 1,082 741 741 1,082 741 741 741 741 741 741 741 741 | 1,001 May 61 67 1177 - - - - - - - - - - - - - | 724 3 Une - - - - - - - - - - - - - | 679 July - - - - - - - - - - - - - | 651 August - - - - - - - - - - - - - | 651 September | 838 October 28 - 47 - 99 68 17 47 - - 99 68 17 47 - - 99 68 17 47 - - 99 68 81 16 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 27,951 198 881 28,832 0 Ctober 771 27,951 198 881 28,832 0 Ctober 771 27,951 197 198 881 28,832 0 0 18 771 27,952 18 771 27,952 18 771 27,952 18 771 27,952 18 771 27,952 18 771 27,959 18 771 27,952 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 18 771 27,959 1771 27,959 1477 771 27,959 1477 771 27,959 1477 | 1,254 November 254 405 282 234 545 405 379 66 146 248 233 227 218 307 November 36,300 1,070 1,476 38,306 Nov 34,118 1,216 1,855 37,189 235,791 1,186 | 1,945 244 822 741 346 583 298 554 554 314 320 636 208 554 554 314 320 636 208 57,173 3,191 2,815 59,988 December 57,173 3,191 2,815 59,988 0 2,815 4,825 3,253 61,231 48,692 | 14,1,1 2,2,2 3,3,1 3,3,3 2,3,3 2,3,3 2,3,3 1,5,1 1 |

| Billing Cycle | <u>kWh Use</u> | <u>kW Demand</u> |
|----------------------|----------------|------------------|
| Oct-15 | 4,468,367 | 6658 |
| Nov-15 | 4,382,917 | 6729 |
| Dec-15 | 4,555,980 | 6887 |
| Jan-16 | 4,743,191 | 7051 |
| Feb-16 | 4,493,381 | 7191 |
| Mar-16 | 4,725,355 | 7041 |
| Apr-16 | 4,806,524 | 6851 |
| May-16 | 4,804,690 | 8381 |
| Jun-16 | 5,677,798 | 9077 |
| Jul-16 | 6,012,636 | 9044 |
| Aug-16 | 5,928,771 | 9209 |
| Sep-16 | 5,462,626 | 8589 |

| <u>Billing Cycle</u> | <u>kWh Use</u> | <u>kW Demand</u> |
|----------------------|----------------|------------------|
| | | |
| Oct-15 | 3,410,700 | 5158 |
| Nov-15 | 3,309,600 | 5175 |
| Dec-15 | 3,398,400 | 5204 |
| Jan-16 | 3,430,500 | 5150 |
| Feb-16 | 3,166,500 | 5111 |
| Mar-16 | 3,318,600 | 5043 |

| 3,189,600 | 4890 |
|-----------|--|
| 3,278,400 | 4985 |
| 3,191,700 | 4995 |
| 3,447,000 | 5215 |
| 3,462,600 | 5262 |
| 3,269,400 | 5161 |
| | 3,278,400 3,191,700 3,447,000 3,462,600 |

| Billing Cycle | kWh Use | kW Demand |
|---------------|---------|-----------|
| Oct-16 | 396,000 | 1440 |
| Nov-16 | 433,600 | 1422 |
| Dec-16 | 456,800 | 1325 |
| Jan-17 | 567,600 | 1585 |
| Feb-17 | 522,800 | 1474 |
| Mar-17 | 582,000 | 1797 |
| Apr-16 | 402,400 | 963 |
| May-16 | 452,800 | 1190 |
| Jun-16 | 507,600 | 1826 |
| Jul-16 | 486,000 | 1750 |
| Aug-16 | 528,800 | 1376 |
| Sep-16 | 602,400 | 2106 |

| Billing Cycle | kWh Use | kW Demand |
|---------------|-----------|-----------|
| Oct-15 | 1,560,600 | 2403 |
| Nov-15 | 1,414,800 | 2331 |
| Dec-15 | 1,432,800 | 2189 |
| Jan-16 | 1,265,400 | 1892 |
| Feb-16 | 1,162,800 | 1915 |
| Mar-16 | 1,333,800 | 2084 |

| Apr-16 | 1,378,800 | 2327 |
|--------|-----------|------|
| May-16 | 1,530,000 | 2561 |
| Jun-16 | 1,645,200 | 2720 |
| Jul-16 | 1,893,600 | 3015 |
| Aug-16 | 1,940,400 | 3107 |
| Sep-16 | 1,765,800 | 2974 |

| Billing Cycle | kWh Use | kW Demand |
|---------------|-------------|-----------|
| Oct-15 | 9,835,667 | 15659 |
| Nov-15 | 9,540,917 | 15657 |
| Dec-15 | 9,843,980 | 15605 |
| Jan-16 | 10,006,691 | 15678 |
| Feb-16 | 9,345,481 | 15691 |
| Mar-16 | 9,959,755 | 15965 |
| Apr-16 | 9,777,324 | 15031 |
| May-16 | 10,065,890 | 17117 |
| Jun-16 | 11,022,298 | 18618 |
| Jul-16 | 11,839,236 | 19024 |
| Aug-16 | 11,860,571 | 18954 |
| Sep-16 | 11,100,226 | 18830 |
| T-+-1 | 124 100 026 | 10010 |
| Total | 124,198,036 | 16819 |
| | 10,349,836 | |

| Nov-15 | 9,540,917 |
|--------|------------|
| Dec-15 | 9,843,980 |
| Jan-16 | 10,006,691 |
| Feb-16 | 9,345,481 |
| Mar-16 | 9,959,755 |
| Apr-16 | 9,777,324 |
| May-16 | 10,065,890 |
| Jun-16 | 11,022,298 |
| Jul-16 | 11,839,236 |
| Aug-16 | 11,860,571 |
| Sep-16 | 11,100,226 |
| | 10,349,836 |
| | |

| Billing Cycle | kW Demand |
|---------------|-----------|
| Oct-15 | 15,659 |
| Nov-15 | 15,657 |
| Dec-15 | 15,605 |
| Jan-16 | 15,678 |
| Feb-16 | 15,691 |
| Mar-16 | 15,965 |
| Apr-16 | 15,031 |
| May-16 | 17,117 |
| Jun-16 | 18,618 |
| Jul-16 | 19,024 |
| Aug-16 | 18,954 |
| Sep-16 | 18,830 |
| | 16,819 |

| Billing Cycle | Load Factor |
|---------------|-------------|
| Oct-15 | 84.42% |
| Nov-15 | 84.63% |

| Dec-15 | 84.79% |
|--------|--------|
| Jan-16 | 85.79% |
| Feb-16 | 88.63% |
| Mar-16 | 83.85% |
| Apr-16 | 90.34% |
| May-16 | 79.04% |
| Jun-16 | 82.23% |
| Jul-16 | 83.65% |
| Aug-16 | 84.11% |
| Sep-16 | 81.87% |
| | |

84.45%

| Billing Cycle | Delivery Charges | BGS Supply Charges |
|----------------------|-------------------------|--------------------|
| Oct-15 | \$ 484,919 | \$ 633,961 |
| Nov-15 | \$ 466,196 | \$ 602,521 |
| Dec-15 | \$ 478,532 | \$ 613,562 |
| Jan-16 | \$ 514,942 | \$ 706,311 |
| Feb-16 | \$ 485,406 | \$ 647,388 |
| Mar-16 | \$ 458,335 | \$ 571,341 |
| Apr-16 | \$ 463,938 | \$ 604,549 |
| May-16 | \$ 492,742 | \$ 795,321 |
| Jun-16 | \$ 499,847 | \$ 615,715 |
| Jul-16 | \$ 548,013 | \$ 703,976 |
| Aug-16 | \$ 552,388 | \$ 711,005 |
| Sep-16 | \$ 481,645 | \$ 569,465 |
| | \$ 493,909 | \$ 647,926 |
| | \$ 5,926,903 | \$ 7,775,114 |

\$

13,702,017

| Billing Cycle | Boardwalk Hall | Caesar's |
|----------------------|----------------|----------|
| Oct-15 | 13641 | 992165 |
| Nov-15 | 10234 | 836930 |
| Dec-15 | 2373 | 721217 |
| Jan-16 | 6510 | 569823 |
| Feb-16 | 9633 | 931441 |
| Mar-16 | 11911 | 761075 |
| Apr-16 | 10 | 636433 |
| May-16 | 5816 | 949851 |
| Jun-16 | 80359 | 1534786 |
| Jul-16 | 164261 | 2121886 |
| Aug-16 | 226601 | 1550406 |
| Sep-16 | 196759 | 1693558 |
| | 72040 | 1.220 |

| Billing Cycle | Boardwalk Hall Thermal Load MMBTUs | Caesar'sThermal Load MMBTUs |
|---------------|---|-----------------------------|
| Oct-15 | 1236 | 11190 |
| Nov-15 | 2250 | 12588 |
| Dec-15 | 1836 | 13405 |
| Jan-16 | 1702 | 14263 |
| Feb-16 | 9224 | 19457 |
| Mar-16 | 4652 | 14812 |
| Apr-16 | 462 | 12264 |
| May-16 | 468 | 10449 |
| Jun-16 | 291 | 7764 |

| Jul-16 | 261 | 6804 |
|--------|-----|------|
| Aug-16 | 265 | 6563 |
| Sep-16 | 253 | 6538 |

<u>Total Bally's Load</u>

| <u>kVAR</u> | Load Factor | <u>Power Factor</u> | Delive | ery Charges |
|--------------|------------------|---------------------|----------|-------------|
| 2901 | 90.21% | 81.00% | \$ | 195,656.00 |
| 2901 | 90.46% | 81.00% | \$ \$ | 193,416.00 |
| 2805 | 88.92% | 90.71% | \$ | 202,659.00 |
| 3098 | 90.42% | 92.24% | \$ | 211,411.00 |
| 3167 | 92.99% | 91.76% | \$ | 199,681.00 |
| 3098 | 90.20% | 87.10% | \$ | 200,958.00 |
| 3063 | 97.44% | 86.94% | \$ | 196,868.00 |
| 4261 | 77.05% | 82.76% | \$ | 210,261.00 |
| 4559 | 86.88% | 73.19% | \$ | 238,367.00 |
| 4681 | 89.36% | 70.42% | \$ | 250,179.00 |
| 4683 4418 | 86.53% 88.33% | 72.17% 74.07% | \$ ¢ | 248,929.00 |
| 4410 | 00.33% | 74.07% | \$ | 229,621.00 |

| Caesar's Total Load <u>kVAR</u> | Load Factor | <u>Power Factor</u> | Deliver | y Charges |
|------------------------------------|-------------|---------------------|---------|-----------|
| 3090 | 88.88% | 87.07% | \$ | 203,895 |
| 3101 | 88.82% | 87.87% | \$ | 192,043 |
| 3012 | 87.77% | 88.34% | \$ | 193,024 |
| 3038 | 89.53% | 88.40% | \$ | 222,340 |
| 2989 | 92.19% | 88.10% | \$ | 211,391 |
| 2925 | 88.45% | 87.78% | \$ | 172,960 |

| 3085 | 90.59% | 86.10% | \$ 188,106 |
|------|--------|--------|---------------|
| 3161 | 88.39% | 85.59% | \$ 194,549 |
| 3203 | 88.75% | 84.38% | \$ 167,115 |
| 3406 | 88.84% | 84.62% | \$ 194,081 |
| 3552 | 88.45% | 83.78% | \$ 195,843 |
| 3252 | 87.98% | 84.93% | \$ 147,384 |
| | | | |

Boardwalk Hall Total Load

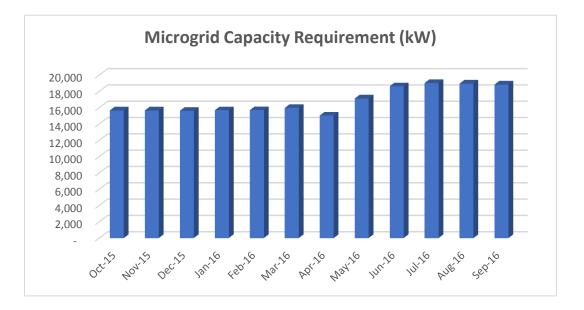
| kVAR | Load Factor | Power Factor | Delivery | / Charges |
|------|-------------|--------------|----------|-----------|
| 1193 | 36.96% | 56.29% | \$ | 21,869 |
| 1214 | 42.35% | 55.90% | \$ | 22,894 |
| 1258 | 46.34% | 54.64% | \$ | 23,736 |
| 1371 | 48.13% | 55.08% | \$ | 27,891 |
| 1199 | 52.78% | 55.85% | \$ | 25,541 |
| 1295 | 43.53% | 57.63% | \$ | 28,704 |
| 963 | 58.04% | 52.79% | \$ | 22,034 |
| 1019 | 51.14% | 55.26% | \$ | 24,618 |
| 1333 | 38.61% | 57.77% | \$ | 26,694 |
| 1318 | 37.33% | 57.23% | \$ | 26,062 |
| 1325 | 51.65% | 53.81% | \$ | 27,680 |
| 1310 | 39.73% | 59.75% | \$ | 31,520 |
| | | | | |

| Atlanticare Total Load | | | | |
|------------------------|-------------|--------------|------|--------------|
| kVAR | Load Factor | Power Factor | Deli | very Charges |
| 862 | 87.33% | 94.12% | \$ | 63,499 |
| 815 | 84.20% | 94.40% | \$ | 57,843 |
| 778 | 87.98% | 94.24% | \$ | 59,113 |
| 639 | 89.97% | 94.73% | \$ | 53,300 |
| 633 | 87.16% | 94.95% | \$ | 48,793 |
| 745 | 86.12% | 94.17% | \$ | 55,713 |

| 817 | 82.28% | 94.34% | \$ 56,930 |
|------|--------|--------|--------------|
| 921 | 80.26% | 94.10% | \$ 63,314 |
| 988 | 84.05% | 93.99% | \$ 67,671 |
| 1101 | 84.34% | 93.92% | \$ 77,691 |
| 1164 | 84.06% | 93.63% | \$ 79,936 |
| 1096 | 82.48% | 93.82% | \$ 73,120 |

Grand Total Microgrid

| kVAR | Load Factor | Power Factor | De | elivery Charges |
|--------|-------------|--------------|----|---------------------|
| 8046 | 84.42% | | \$ | 484,919.00 |
| 8044 | 84.63% | | \$ | 466,196.00 |
| 7853 | 84.79% | | \$ | 478,532.00 |
| 8146 | 85.79% | | \$ | 514,942.00 |
| 7988 | 88.63% | | \$ | 485,406.00 |
| 8063 | 83.85% | | \$ | 458,335.00 |
| 7928 | 90.34% | | \$ | 463,938.00 |
| 9362 | 79.04% | | \$ | 492,742.00 |
| 10083 | 82.23% | | \$ | 499,847.00 |
| 10506 | 83.65% | | \$ | 548,013.00 |
| 10724 | 84.11% | | \$ | 552 <i>,</i> 388.00 |
| 10076 | 81.87% | | \$ | 481,645.00 |
| 106819 | 84.45% | | \$ | 5,926,903.00 |
| | | | \$ | 493,908.58 |



Total Cost

| 1,118,880 |
|------------|
| 1,068,717 |
| 1,092,094 |
| 1,221,253 |
| 1,132,794 |
| 1,029,676 |
| 1,068,487 |
| 1,288,063 |
| 1,115,562 |
| 1,251,989 |
| 1,263,393 |
| 1,051,110 |
| 1,141,835 |
| 13,702,017 |
| |

| Thermal Load |
|--------------|
| Bally's |

| | Total Cooling w/o Atlanticare |
|-----------|-------------------------------|
| 2,417,141 | 3,422,947 |
| 2,031,433 | 2,878,597 |
| 1,774,373 | 2,497,963 |
| 1,786,097 | 2,362,430 |
| 1,944,164 | 2,885,238 |
| 2,067,434 | 2,840,420 |
| 1,857,733 | 2,494,176 |
| 2,506,640 | 3,462,307 |
| 3,834,937 | 5,450,082 |
| 4,936,958 | 7,223,105 |
| 5,080,192 | 6,857,199 |
| 3,904,194 | 5,794,511 |
| 34141296 | 48,168,975 |

| Bally's Thermal Load MMBTU | Total Heating w/o Atlanticare |
|----------------------------|-------------------------------|
| 11724 | 24150 |
| 15456 | 30294 |
| 19673 | 34914 |
| 22243 | 38208 |
| 23621 | 52302 |
| 18136 | 37600 |
| 12876 | 25602 |
| 12876 | 23793 |
| 10310 | 18365 |

| 9034 | 16099 |
|------|-------|
| 8797 | 15625 |
| 9952 | 16743 |

| BGS Supply Charges | | <u>Total Cost</u> |
|--------------------|------------|-------------------|
| \$ | 299,372.00 | \$ 495,028.00 |
| \$ | 287,252.00 | \$ 480,668.00 |
| \$ | 291,916.00 | \$ 494,575.00 |
| \$ | 339,526.00 | \$ 550,937.00 |
| \$ | 326,270.00 | \$ 525,951.00 |
| \$ | 268,919.00 | \$ 469,877.00 |
| \$ | 291,774.00 | \$ 488,642.00 |
| \$ | 461,652.00 | \$ 671,913.00 |
| \$ | 302,177.00 | \$ 540,544.00 |
| \$ | 344,383.00 | \$ 594,562.00 |
| \$ | 343,740.00 | \$ 592,669.00 |
| \$ | 259,588.00 | \$ 489,209.00 |

| BGS Supply Charges | | <u>Total Cost</u> | |
|--------------------|---------|-------------------|------------|
| \$ | 194,775 | \$ | 398,670.00 |
| \$ | 183,167 | \$ | 375,210.00 |
| \$ | 183,870 | \$ | 376,894.00 |
| \$ | 213,227 | \$ | 435,567.00 |
| \$ | 202,898 | \$ | 414,289.00 |
| \$ | 164,031 | \$ | 336,991.00 |

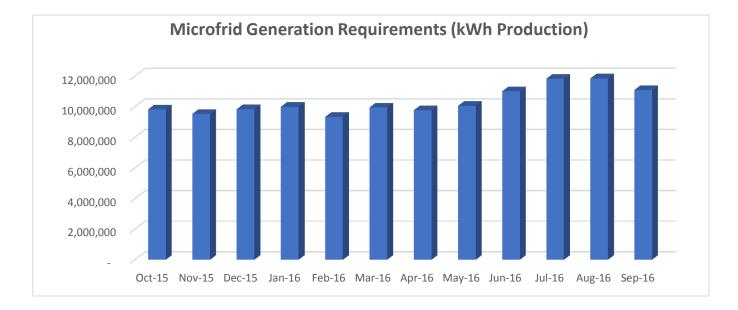
| \$ 179,695 | \$ 367,801.00 |
|---------------|------------------|
| \$ 185,716 | \$ 380,265.00 |
| \$ 158,538 | \$ 325,653.00 |
| \$ 184,855 | \$ 378,936.00 |
| \$ 186,551 | \$ 382,394.00 |
| \$ 144,368 | \$ 291,752.00 |

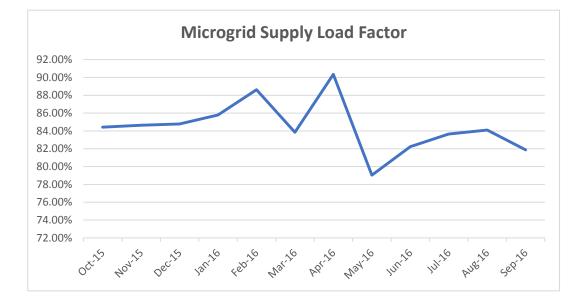
| BGS Supply Charges | | Total Cost | |
|--------------------|--------|------------|--------|
| \$ | 22,004 | \$ | 43,873 |
| \$ | 25,299 | \$ | 48,193 |
| \$ | 29,614 | \$ | 53,350 |
| \$ | 58,033 | \$ | 85,924 |
| \$ | 30,440 | \$ | 55,981 |
| \$ | 37,702 | \$ | 66,406 |
| \$ | 28,994 | \$ | 51,028 |
| \$ | 32,453 | \$ | 57,071 |
| \$ | 30,804 | \$ | 57,498 |
| \$ | 31,790 | \$ | 57,852 |
| \$ | 34,233 | \$ | 61,913 |
| \$ | 32,209 | \$ | 63,729 |

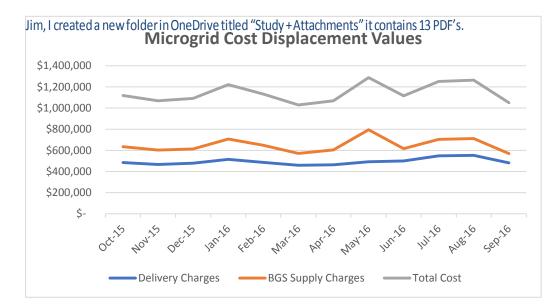
| BGS Su | pply Charges | Total Cost |
|--------|--------------|---------------|
| \$ | 117,810 | \$ 181,309 |
| \$ | 106,803 | \$ 164,646 |
| \$ | 108,162 | \$ 167,275 |
| \$ | 95,525 | \$ 148,825 |
| \$ | 87,780 | \$ 136,573 |
| \$ | 100,689 | \$ 156,402 |

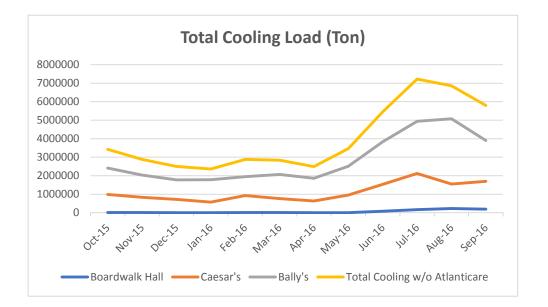
| \$ 104,086 | \$ 161,016 |
|---------------|---------------|
| \$ 115,500 | \$ 178,814 |
| \$ 124,196 | \$ 191,867 |
| \$ 142,948 | \$ 220,639 |
| \$ 146,481 | \$ 226,417 |
| \$ 133,300 | \$ 206,420 |

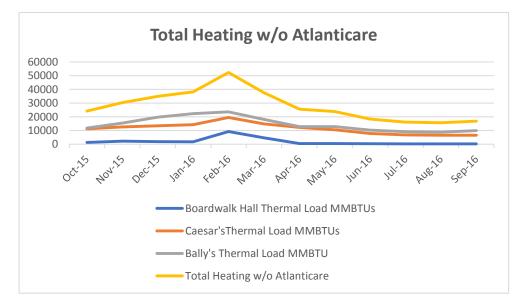
| BGS S | upply Charges | Total Cost |
|-------|---------------|---------------------|
| \$ | 633,960.69 | \$ 1,118,879.69 |
| \$ | 602,521.25 | \$ 1,068,717.25 |
| \$ | 613,562.07 | \$ 1,092,094.07 |
| \$ | 706,311.05 | \$ 1,221,253.05 |
| \$ | 647,387.77 | \$ 1,132,793.77 |
| \$ | 571,340.56 | \$ 1,029,675.56 |
| \$ | 604,548.61 | \$ 1,068,486.61 |
| \$ | 795,320.70 | \$ 1,288,062.70 |
| \$ | 615,715.15 | \$ 1,115,562.15 |
| \$ | 703,975.86 | \$ 1,251,988.86 |
| \$ | 711,004.80 | \$ 1,263,392.80 |
| \$ | 569,465.24 | \$ 1,051,110.24 |
| | | |
| \$ | 7,775,113.76 | \$ 13,702,016.76 |
| \$ | 647,926.15 | |











Project: AC Microgrid (Pre)

Contact Information:

Contact Name: Kyle, Gandy Email Address: kgandy@dcoenergy.com Phone Number: 609-226-9981

Utility Information: ACE Other

Number of Buses: 5

Bus Information:

Bus 1 Details:

Building/Bus Name: MTCC - Central Plant Building/Bus address: Atlantic City, NJ Slack Bus: Yes

This Bus contains demand Demand data is not available Building Functinality: Other Building floor area (sq ft): 60000 Number of floors : 2 Elec. Rate Schedule: Gas Rate Schedule:

Power Generation Technologies (CHP 1): Prime mover: combustion/gas turbine Power rating (kW): 5700 Number of units: 1 Electric efficiency (kW/kW): Power to heat ratio: Power Generation Technologies (Diesel Generator 1): Number of units: 1 Power rating (kW): 1000 Efficiency (kW/kW): DieselFuelType: Diesel Electric Chiller 1A: Capacity (Ton): 2000 Efficiency: Electric Chiller 1B: Capacity (Ton): 1800 Efficiency: Electric Chiller 2A: Capacity (Ton): 2000 Efficiency: Electric Chiller 2B: Capacity (Ton): 1800 Efficiency: Electric Chiller 3A: Capacity (Ton): 967 Efficiency:

Electric Chiller 3B: Capacity (Ton): 933 Efficiency:

Electric Chiller 4A: Capacity (Ton): 967 Efficiency:

Electric Chiller 4B: Capacity (Ton): 933 Efficiency:

Electric Chiller 5A: Capacity (Ton): 967 Efficiency:

Electric Chiller 5B: Capacity (Ton): 933 Efficiency: Electric Chiller 6A: Capacity (Ton): 967 Efficiency:

Electric Chiller 6B: Capacity (Ton): 933 Efficiency:

Electric Chiller 7A: Capacity (Ton): 967 Efficiency:

Electric Chiller 7B: Capacity (Ton): 933 Efficiency:

Project: Project: AC Microgrid (Post)

Contact Information:

Contact Name: Kyle, Gandy Email Address: kgandy@dcoenergy.com Phone Number: 609-226-9981

Utility Information: ACE Other

Number of Buses: 6

Bus Information:

Bus 1 Details:

Building/Bus Name: MTCC - Central Plant Building/Bus address: Atlantic City, NJ Slack Bus: Yes

This Bus contains demand Demand data is not available Building Functinality: Other Building floor area (sq ft): 600000 Number of floors : 2 Elec. Rate Schedule: Gas Rate Schedule:

Power Generation Technologies (CHP 1): Prime mover: combustion/gas turbine Power rating (kW): 5200 Number of units: 1 Electric efficiency (kW/kW): Power to heat ratio:

Power Generation Technologies (CHP 2):

Prime mover: combustion/gas turbine Power rating (kW): 7600 Number of units: 1 Electric efficiency (kW/kW): Power to heat ratio:

Power Generation Technologies (Diesel Generator 1): Number of units: 1 Power rating (kW): 1000 Efficiency (kW/kW): DieselFuelType: Diesel

Electric Chiller 1A: Capacity (Ton): 2000 Efficiency:

Electric Chiller 1B: Capacity (Ton): 1800 Efficiency:

Electric Chiller 2A: Capacity (Ton): 2000 Efficiency:

Electric Chiller 2B: Capacity (Ton): 1800 Efficiency:

Electric Chiller 3A: Capacity (Ton): 967 Efficiency:

Electric Chiller 3B: Capacity (Ton): 933 Efficiency:

Electric Chiller 4A: Capacity (Ton): 967 Efficiency:

Electric Chiller 4B: Capacity (Ton): 933 Efficiency: Electric Chiller 5A: Capacity (Ton): 967 Efficiency:

Electric Chiller 5B: Capacity (Ton): 933 Efficiency:

Electric Chiller 6A: Capacity (Ton): 967 Efficiency:

Electric Chiller 6B: Capacity (Ton): 933 Efficiency:

Electric Chiller 7A: Capacity (Ton): 967 Efficiency:

Electric Chiller 7B: Capacity (Ton): 933 Efficiency:

Slack bus voltage (kV): 4.16

Bus 2 Details:

Building/Bus Name: Peaker Plant Building/Bus address: Atlantic City, NJ Slack Bus: No This Bus does not contain demand Power Generation Technologies (Diesel Generator 1): Number of units: 1 Power rating (kW): 2600 Efficiency (kW/kW): DieselFuelType: Natural Gas

Power Generation Technologies (Diesel Generator 2): Number of units: 1 Power rating (kW): 2600 Efficiency (kW/kW): DieselFuelType: Natural Gas

Voltage constraints Bus 2 Maximun acceptable voltage (kV): Minimum acceptable voltage (kV): Maximun acceptable voltage angle (rad): Minimum acceptable voltage angle (rad):

Bus 3 Details:

Building/Bus Name: AC Medical Building/Bus address: Atlantic City, NJ Slack Bus: No

This Bus contains demand Demand data is not available Building Functinality: Building floor area (sq ft): Number of floors : Elec. Rate Schedule: Gas Rate Schedule:

Voltage constraints Bus 3 Maximun acceptable voltage (kV): Minimum acceptable voltage (kV): Maximun acceptable voltage angle (rad): Minimum acceptable voltage angle (rad): **Bus 4 Details:**

Building/Bus Name: Convention Hall Building/Bus address: Atlantic City, NJ Slack Bus: No

This Bus contains demand Demand data is not available Building Functinality: Building floor area (sq ft): Number of floors : Elec. Rate Schedule: Gas Rate Schedule:

Voltage constraints Bus 4 Maximun acceptable voltage (kV): Minimum acceptable voltage (kV): Maximun acceptable voltage angle (rad): Minimum acceptable voltage angle (rad):

Bus 5 Details:

Building/Bus Name: Caesars Building/Bus address: Atlantic City, NJ Slack Bus: No

This Bus contains demand Demand data is not available Building Functinality: Building floor area (sq ft): Number of floors : Elec. Rate Schedule: Gas Rate Schedule:

Voltage constraints Bus 5 Maximun acceptable voltage (kV): Minimum acceptable voltage (kV): Maximun acceptable voltage angle (rad): Minimum acceptable voltage angle (rad):

Bus 6 Details:

Building/Bus Name: Ballys, Park Place, & Wild West Building/Bus address: Atlantic City, NJ Slack Bus: No

This Bus contains demand Demand data is not available Building Functinality: Building floor area (sq ft): Number of floors : Elec. Rate Schedule: Gas Rate Schedule:

Voltage constraints Bus 6 Maximun acceptable voltage (kV): Minimum acceptable voltage (kV): Maximun acceptable voltage angle (rad): Minimum acceptable voltage angle (rad):

Power Network Connection

Node 1 Node 2 Node 3 Node 4 Node 5 Node 6

| Node 1 | .*. | 1 | 1 | 1 | 1 | 1 |
|--------|-----|-----|-----|-----|-----|-----|
| Node 2 | 1 | .*. | .*. | .*. | .*. | .*. |
| Node 3 | 1 | .*. | .*. | .*. | .*. | .*. |
| Node 4 | 1 | .*. | .*. | .*. | .*. | .*. |
| Node 5 | 1 | .*. | .*. | .*. | .*. | .*. |
| Node 6 | 1 | .*. | .*. | .*. | .*. | .*. |

Ampacity

Node 1 Node 2 Node 3 Node 4 Node 5 Node 6

| Node 1 | .*. | 1290 | 2000 | 2000 | 2000 | 2000 | |
|--------|------|------|------|------|------|------|--|
| Node 2 | 1290 | .*. | .*. | .*. | .*. | .*. | |
| Node 3 | 2000 | .*. | .*. | .*. | .*. | .*. | |
| Node 4 | 2000 | .*. | .*. | .*. | .*. | .*. | |
| Node 5 | 2000 | .*. | .*. | .*. | .*. | .*. | |
| Node 6 | 2000 | .*. | .*. | .*. | .*. | .*. | |

Memorandum

To: Mike Hornsby

From: Fred DeSanti

Date: November 27, 2018

Subject: Atlantic City µGrid Option #3 Addendum

As we briefly discussed on the telephone today, we would like the Board to make its judgements regarding the Atlantic City μ Grid Study already in your possession based upon the structure advanced in "Option #3" of the report. This option characterized in the report as the "Long term Utility Hybrid Tariff Model" represents a minimum cost option that would continue to rely upon existing Atlantic City Electric distribution infrastructure as well as largely maintaining Atlantic City Electric's current customer relationship with all of the μ Grid customers.

We have also met with Atlantic City Electric last week to advance some additional details regarding this option which would capture additional Atlantic City Electric ratepayer cost benefits over the "retail displacement" or Option #1 "Current Business Practice" option that will likely occur should the μ Grid project not come to fruition.

Under this scenario, the μ Grid would pay on a continuing basis a distribution wires utilization charge or "credit" to Atlantic City Electric to help offset the otherwise ratepayer decoupling cost that would be associated with the loss in utility revenue associated with the retail displacement of the μ Grid customers.

Inasmuch as we find current law and pending utility filings seeking to recover this lost utility transportation revenue, our proposal would result in substantially reducing that anticipated recovery from ratepayers. This would serve to reduce ratepayer cost associated with what they would otherwise expect to see added back into rates either through a direct "decoupling charge," or flowing back into rates in a future base rate case. PSE&G and ACE have both endorsed the concept of decoupling and included lost revenue recovery in recent filings made to the Board for energy efficiency expenses related to the new clean energy law's requirement that EDCs reduce energy use by 2% per year. Chapter 17 Laws of 2018

The New law requires:

3. a. No later than one year after the date of enactment of P.L.2018, c.17 (C.48:3-87.8 et al.), the Board of Public Utilities shall require each electric public utility and gas public utility to reduce the use of electricity, or natural gas, as appropriate, within its territory, by its customers, below what would have otherwise been used. For the purposes of this section, a gas public utility shall reduce the use of natural gas for residential, commercial, and industrial uses, but shall not be required to include a reduction in natural gas used for distributed energy resources such as combined heat and power.

Each electric public utility shall be required to achieve annual reductions in the use of electricity of two percent of the average annual usage in the prior three years within five years of implementation of its electric energy efficiency program. Each natural gas public utility shall be required to achieve annual reductions in the use of natural gas of 0.75 percent of the average annual usage in the prior three years within five years of implementation of its gas energy efficiency program. The amount of reduction mandated by the board that exceeds two percent of the average annual usage for electricity and 0.75 percent of the average annual usage for natural gas for the prior three years shall be determined pursuant to the study conducted pursuant to subsection b. of this section until the reduction in energy usage reaches the full economic, cost-effective potential in each service territory, as determined by the board.

e. (1) Each electric public utility and gas public utility shall file an annual petition with the board to demonstrate compliance with the energy efficiency and peak demand reduction programs, compliance with the targets established pursuant to the quantitative performance indicators, and for cost recovery of the programs, including any performance incentives or penalties, pursuant to section 13 of P.L.2007, c.340 (C.48:3-98.1). Each electric public utility and gas public utility shall file annually with the board a petition to recover on a full and current basis through a surcharge all reasonable and prudent costs incurred as a result of energy efficiency programs and peak demand reduction programs required pursuant to this section, including but not limited to recovery of and on capital investment, and the revenue impact of sales losses resulting from implementation of the energy efficiency and peak demand reduction 13 of P.L.2007, c.340 (C.48:3-98.1).

And: Section 13 of P.L.2007, c.340 (C.48:3-98.1):

"All electric public utility and gas public utility investment in energy efficiency and conservation programs or Class I renewable energy programs may be eligible for rate treatment approved by the board, including a return on equity, or other incentives or rate mechanisms that decouple utility revenue from sales of electricity and gas." • As you also know, PSE&G recently filed its plan to spend \$2 billion over the next five years to accomplish this goal and recover all lost sales revenues. Below from their filing on October 11, 2018:

25. The recovery of lost revenues due to programs like the CEF-EE is standard practice across the country. New Jersey policy has repeatedly supported the recovery of lost revenues caused by energy efficiency programs. Specifically, the RGGI Law states:

"Investment in energy efficiency and conservation programs or Class I renewable energy resources may be eligible for rate treatment approved by the [BPU], including a return on equity, or other incentives or rate mechanisms that decouple utility revenue from sales of electricity and gas." The Clean Energy Law recognizes that a utility must include as part of its cost recovery "the revenue impact of sales losses resulting from implementation of energy efficiency [programs]", which the Board shall determine. The Board has approved decoupling mechanisms for two New Jersey gas utilities.

26. The mechanics of lost revenue recovery can be accomplished in more than one manner. The Company designed a decoupling mechanism, called the Green Enabling Mechanism ("GEM"), which would address the issue of lost revenues consistent with the RGGI Law and the Clean Energy Law. PSE&G proposed the GEM in the base rate case it filed on January 12, 2018 ("2018 Rate Case"),15 and is reintroducing it here for consideration. The Company's decoupling proposal is discussed further in the testimonies of PSE&G witnesses Daniel Hansen, Ms. Reif, and Stephen Swetz. In the event that the Company's decoupling proposal is not approved, PSE&G would be open to discussing with the parties another form of decoupling or an annual lost revenue adjustment mechanism.

Therefore, it is entirely appropriate to consider the revenues lost to retail displacement as a ratepayer charge that will ultimately be borne by the customers of Atlantic City Electric.

From a regulatory perspective it would also appear that the Board currently possesses both the authority and jurisdiction to create the "pilot" utility tariff model to implement this option.

However, should the Board determine that enabling legislation be required to codify the pilot program or publish rules and regulations to create the required regulatory structure, the following principals should be considered:

- Would require MOU proof(s) of interest in retail displacement CHP and demonstrated economic potential for success by µGrid customers.
- Would be applicable only to µGrids that include hospitals, public sheltering facilities and facilities that would support the delivery of

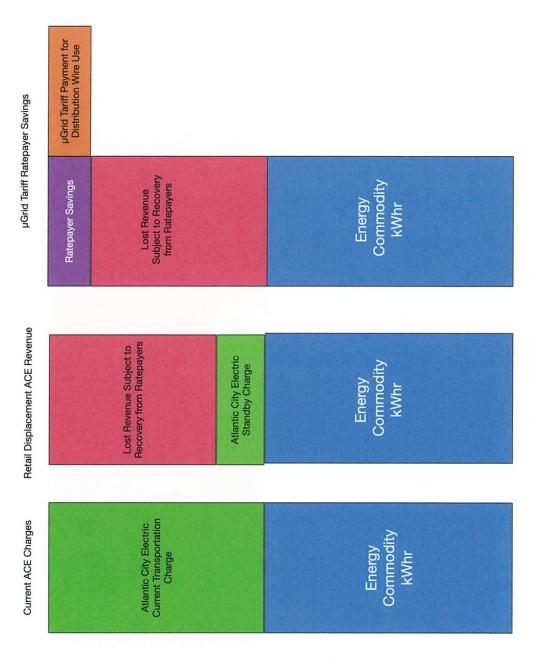
emergency, food, shelter, and other support services during storm or other emergencies.

- Tariff approved by the Board would be set for a prescribed term of 25 years to help reduce lender risk premiums.
- Wires charges, ratepayer "decoupling charges" would not be subject to change during pendency of the approved tariff.
- Commodity charges to customer(s) would be subject to natural gas cost indexing and inflation tracking changes to Atlantic City Electric TGS tariff.
- In the event of loss of μ Grid customer (bankruptcy, etc.) Atlantic City Electric would, subject to Board approval, be required to purchase available commodity and capacity at prevailing BGSRSCP rates, if and until another μ Grid customer could be brought unto the μ Grid.

The charts that follow show the flow of funding to and from all stakeholder.

We would ask the Board to review our proposal based upon the structure detailed in the report in option #3 as amended in this document.





MTCC µGrid Revenue / Expense

µGrid Revenue Net to ACE

µGrid Net to MTCC

| µGrid Tariff Payment for | Reduced Lost Revenue Subject |
|--------------------------------|------------------------------|
| Distribution Wire Use | to Recovery from Ratepayers |
| Atlantic City Electric Current | Transportation Charge |





µGrid Custoemer Cost Comparison





March 23, 2017

Mayor Donald A. Guardian City of Atlantic City City Hall 301 Bacharach Boulevard, Suite 706 Atlantic City, NJ 08401

Re: Microgrid Feasibility Letter of Support

Dear Mayor Guardian:

Bally's Atlantic City and Caesars Atlantic City are pleased to provide this letter of support for the Town Center Distributed Energy Resource (TCDER) Microgrid Feasibility Study Incentive Program application being submitted by the City of Atlantic City (City).

We have been following the work of the Board of Public Utilities and the development of the TCDER Microgrid Feasibility Study Incentive Program. While we obtain our thermal energy (steam and chilled water) from ACM Energy Partners, LLC (an affiliate company of DCO Energy, LLC) Midtown Thermal Control Center, we continue to have interest in the creation of energy resilient infrastructure to serve areas of the City that could stand alone during an extended utility grid outage.

We have met with DCO Energy, LLC with respect to this project and believe our geographic location, the existence of critical electrical and generating infrastructure, and interest by several neighboring properties creates a unique opportunity that would benefit the development of a local migrogrid. Such a microgrid would allow for the operation of critical facilities and shelters during a catastrophic event that impacts the electric grid for an extended period.

We are interested working with the City and DCO Energy, LLC to support your efforts related to the TCDER Microgrid Feasibility Study Incentive Program and believe that further investigating the feasibility of a local microgrid is a logical next step. Should you have any questions, please don't hesitate to contact me at 702-880-6876.

Sincerely,

Eric Dominguez Vice President Facilities, Engineering & Sustainability

Cc: Kevin Ortzman, Caesars Entertainment David Satz, Caesars Entertainment Amie Sabo, Caesars Entertainment Lynne Hughes, Caesars Entertainment Jonathan Wohl, DCO Energy, LLC



Chris Christie Governor

Robert E. Mulcahy, III *Chair*

Ford M. Scudder State Treasurer

Christopher S. Porrino Attorney General

Charles A. Richman DCA Commissioner

Matthew B. Levinson Casino Control Commission

Mayor Don Guardian City of Atlantic City

Debra P. DiLorenzo

Edward H. Gant

Mark Giannantonio

Michael I. Hanley

Gary L. Hill

Howard J.Kyle

William T. Mullen

Kevin C. Ortzman

Frank G. Spencer

Richard E. Tolson

Christopher Howard Executive Director March 16, 2017

BY FIRST CLASS MAIL AND EMAIL:dguardian@cityofatlanticcity.org

The Honorable Donald A. Guardian City of Atlantic City 301 Bacharach Boulevard, Suite 706 Atlantic City, NJ 08401

Re: Town Center Distributed Energy Resource Microgrid Application (TCDER) project

Dear Mayor Guardian:

The Casino Reinvestment Development Authority, as owner/operator of Boardwalk Hall, is pleased to provide this letter in support of the Town Center Distributed Energy Resource Microgrid Application (TCDER) project.

CRDA currently obtains its thermal energy (steam and chilled water) from the Midtown Thermal Control Center, which is owned and operated by ACM Energy Partners, LLC [an affiliate of DCO Energy, LLC (DCO)]. The Authority is closely monitoring the work of the Board of Public Utilities (BPU) in connection with the development of the TCDER Microgrid Feasibility Study Incentive Program, and supports the creation of resilient infrastructure capable of providing energy to the downtown area of Atlantic City during an extended utility grid outage.

CRDA has met with DCO and BPU representatives with respect to a Microgrid program for Atlantic City, and supports DCO's efforts regarding the TCDER project.

Sincerely.

Christopher M. Howard



An Exelon Company

Vincent Maione President Atlantic City Electric Region

5100 Harding Highway Mays Landing, NJ 08330

609.625.5864 - Telephone 609.625.5274 - Facsimile

vincent.maione@atlanticcityelectric.com

March 22, 2017

The Honorable Donald A. Guardian Mayor, City of Atlantic City 1301 Bacharach Boulevard Atlantic City, New Jersey 08401

Re: Atlantic City Electric Company Letter of Support for Town Center Distributed Energy Resource Microgrid Feasibility Study Incentive Program

Dear Mayor Guardian:

On January 25, 2017 the New Jersey Board of Public Utilities ("BPU" or the "Board") approved the Town Center Distributed Energy Resource ("TC DER") Microgrid Feasibility Study Incentive Program (the "Program"). The BPU has recognized that significant information and data to evaluate and optimize the feasibility of a microgrid is needed from the utilities and, as part of the application process¹ for the Program, has required that Program applicants obtain a Letter of Support for the feasibility study from the electric and gas distribution companies that operate in the service territory where the proposed microgrid project will be located.

¹ There is a two-phase application process for the Program. The first phase is the feasibility study. The second phase is detailed engineering of the proposed microgrid project. The Board must approve an applicant's feasibility study in order for the applicant to move on to the second phase of the application process.

The Honorable Donald A. Guardian March 22, 2017 Page 2

Representatives from Atlantic City Electric Company ("ACE" or the "Company") have met with the City of Atlantic City regarding a proposed TC DER microgrid project. ACE is pleased to offer this Letter of Support in connection with the City's proposed TC DER Microgrid Feasibility Study Application (the "Application"). ACE agrees to provide to the City of Atlantic City with reasonable and relevant information regarding the Company's distribution and transmission infrastructure which exists, is available, and is not subject to an enhanced level of system/operational security (referred to in this letter as the "Information"), that is necessary for the City of Atlantic City to complete a microgrid feasibility study. The City of Atlantic City acknowledges and agrees that any Information provided by the Company shall be returned at any point in the process that the Application is withdrawn, rejected by the BPU or delayed for a period of six months or more. ACE will provide the Information with the understanding that the City of Atlantic City will execute all Company required forms and agreements, including, but not limited to, confidentiality and/or non-disclosure agreements.²

Although ACE agrees to provide the Information to the City of Atlantic City, to the extent that special studies are required, the Company reserves the right to bill the City of Atlantic City for these special studies, according to ACE's tariff and/or customary practice. In addition, to the extent that interconnection applications are required for the distribution utility, PJM Interconnection, LLC or both, the City of Atlantic City acknowledges and agrees that it will be responsible for all applications and associated fees. Nothing in this Letter of Support shall be interpreted as circumventing or accelerating well-established practices for processing interconnection applications.

² In accordance with N.J.A.C._14:4-7.8, the Company will also require signed consent forms before personally identifiable customer information will be released to any Program applicant.

The Honorable Donald A. Guardian March 22, 2017 Page 3

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ACE further reserves the right to review, comment, and take positions on the City of Atlantic City's feasibility study throughout the BPU's review process, including, but not limited to, any final report that may be issued by the Board as well as the remaining phases of the Program.

The Company is pleased to provide this Letter of Support and looks forward to working with the City of Atlantic City throughout this application process.

Respectfully submitted,

Vincent Maione Regional President Atlantic City Electric Company

 cc: Irene Kim Asbury, Esquire, Secretary, BPU (First Class Mail and Electronic Mail) Michael Winka, BPU (First Class Mail and Electronic Mail)
 Frank E. DiCola, PE, DCO Energy (First Class Mail and Electronic Mail)



A MEMBER OF GEISINGER HEALTH SYSTEM

March 20, 2017

Mayor Donald A. Guardian City of Atlantic City City Hall 301 Bacharach Boulevard Suite 706 Atlantic City, NJ 08401

Re: Letter of Support

Dear Mayor Guardian:

AtlantiCare Regional Medical Center is pleased to provide this letter of support for the feasibility study for the Town Center Distributed Energy Resource Microgrid Application (TCDER) project.

We have been closely following the work of the Board of Public Utilities (BPU) with the development of the TCDER Microgrid Feasibility Study Incentive Program. As the region's only Level II Trauma Center it is imperative for us to continue to have interest in creating an energy resilient infrastructure to serve this area of Atlantic City that could stand alone during an extended utility grid outage.

We have met with DCO Energy, LLC with respect to the feasibility study for this project, and are interested in being one of the participants in the feasibility study. We are ready to work with and support the feasibility study regarding this Microgrid project.

Sincerely,

My a Belfuld

Margaret Belfield Executive Vice President & Chief Operating Officer



Atlantic City Campus 1925 Pacific Avenue, Atlantic City, NJ 08401

609-345-4000 • www.atlanticare.org





David Robbins Jr. President

March 20, 2017

Mayor Donald A. Guardian City of Atlantic City City Hall 301 Bacharach Boulevard Suite 706 Atlantic City, NJ 08401

Re: Letter of Support

Dear Mayor Guardian:

South Jersey Gas(SJG) is pleased to provide this letter of support for the Town Center Distributed Energy Resource Microgrid Application (TCDER) project.

We have been closely following the work of The Board of Public Utilities (BPU) with the development of the TCDER Microgrid Feasibility Study Incentive Program. Our distribution system in Atlantic City was impacted during Superstorm Sandy, and participation in this Microgrid project can be beneficial for not only SJG to assist in adding electric grid reliability and resiliency, but also our customer's that are participating in the project as well.

We have met with DCO Energy, LLC with respect to this project, and are ready to work with and support them in their efforts regarding this Microgrid project.

We are pleased to be part of this project and evaluation of it.

Sincerely.

Saud Robbers fr.

David Robbins, Jr

<u>Memorandum of Understanding</u> <u>ACM Energy Partners Microgrid Project</u>

This Memorandum of Understanding ("Memorandum") is made on February_____, 2019 by and between the perspective parties reflected on the signature page of this document (each a "Party" and collectively, the "Parties").

Whereas, the Parties have expressed interest in participating in the proposed μ Grid as has been detailed in the Atlantic City Microgrid Feasibility Study dated August 28, 2018.

Whereas, the Parties desire to enter into a non-binding Memorandum between each of them and ACM Energy Partners setting out the working arrangements that each of the Parties agree are necessary to (1) create the financial structure needed to complete the microgrid project, and (2) develop a contractual framework under which the parties might purchase thermal energy and electricity generated at the Midtown Thermal Energy Center as well as other locations included in the microgrid project; and

Whereas, the Parties understand that working together to leverage common infrastructure associated with the microgrid project may yield efficiency and cost reduction that benefit all participants; and

Whereas the Parties recognize both the significant public benefits attendant and state financial support associated with the creation of this resilient energy resource and its capability to assist in the provision of continuing life support services and shelters during weather and other public emergencies.

Purpose

The purpose of this Memorandum is to provide the framework for any future negotiations between the parties regarding the development of the microgrid project and the provision of steam, hot water, chilled water, and electricity to each of the properties under the control of the signatories to this Memorandum.

Obligations of the Parties

The Parties acknowledge that no contractual relationship is created between them by this Memorandum but agree to work together in good faith and in the spirit of partnership to further explore and define the financial, administrative and managerial commitments that would be necessary to develop and operate the microgrid project.

Cooperation

The Parties shall cooperate to develop a mutually beneficial structure for the proposed microgrid project that yields efficiency, cost savings and public good.

Communication Strategy

Marketing and any media or other public relations contact should always be consistent with the aims of the microgrid project and only undertaken with the express agreement of all Parties. Coordinated communications should be made with external organizations to solicit their support and further the aims of the project. A spirit of open and transparent communication amongst the Parties should be adhered to without breaching any confidentiality.

Liability

No liability shall arise or be assumed between the Parties or any third parties as a result of this Memorandum.

Governing Law

This Memorandum shall be construed in accordance with the laws of the State of New Jersey.

Assignment

No Party may assign or transfer the responsibilities made herein without the prior written consent of the non-assigning Party, which approval shall not be unreasonably withheld.

Amendment

This Memorandum may be amended or supplemented in writing, if the writing is executed by the Parties signatory to this Memorandum.

Understanding

- 1. This Memorandum is non-binding. Nothing in this Memorandum shall obligate any Party to make any expenditure or incur any costs.
- 2. This Memorandum is not intended to and does not create any right, benefit, or trust responsibility in favor of any Party or any third party.
- 3. This Memorandum will be effective upon the signature of each Party.

4. Any Party may terminate its participation in this Memorandum without cause or penalty by providing written notice to the other Party(ies).

Signatories

This Memorandum is signed on behalf of the Parties listed below and shall become effective as of the date of their signature.

AtlantiCare Regional Medical Center

| Ву: | |
|--------|--|
| Name: | |
| Title: | |
| Date: | |
| | |

| Bally's A | Atlantic City |
|-----------|--------------------|
| Ву: | both |
| Name: | Kevin Ortzman |
| Title: | Regional President |
| Date: | |

| Caesars | Atlantic City |
|---------|--------------------|
| Ву: | Stitn |
| Name: | Kevin Ortzman |
| Title: | Regional President |
| Date: | |

Boardwalk Hall

| Ву: | |
|--------|--|
| Name: | |
| Title: | |
| Date: | |

ACM Energy Partners

Ву:_____

Name: Frank E. DiCola

Title: Chairman

Date: _____