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Internal Revenue Service
United States Department of the Treasury
Ben Franklin Station
P.O. Box 7604, Room 5203
Washington, D.C. 20044

Re: Notice 2022-58 ─ Request for Comments on Credits for Clean Hydrogen and Clean Fuel Production

Dear Secretary Yellen and Acting Commissioner O'Donnell:

EDF Renewables, Inc. ("EDFR") submits these comments on the clean hydrogen production credit under § 45V of the Internal Revenue Code.[1] EDFR agrees with Department of Energy ("DOE") that "[h]ydrogen plays a critical role in a comprehensive energy portfolio for the United States, and the use of hydrogen resources promotes energy security and resilience as well as provides economic value and environmental benefits for diverse applications across multiple sectors in the economy."[2] EDFR supports policies to promote the production of green hydrogen and respectfully requests that the Treasury Department and IRS take into consideration the impacts of green hydrogen's production on the electric grid.

The energy landscape should be considered holistically and in a pragmatic, balanced way that supports a nascent clean hydrogen industry, while recognizing current constraints in the electricity markets. The § 45V credit should encourage renewable electricity procurement for new electrolyzer load which supports, or at a minimum does not harm, grid reliability and grid stability, without limiting the near-term growth of green hydrogen production. In the near- to medium-term, to operate at high utilization rates and to minimize the cost of electrolysis-derived hydrogen, this requires that hydrogen producers have the option to use a combination of on-site renewable and grid power offset by purchasing RECs, such as is done in the corporate space.

EDFR proposes that clean hydrogen produced by an electrolyzer must meet Renewable Energy Credit ("REC") retirements equal to its annual load. The RECs have regionality and time matching requirements, and the time matching requirement (the "Time Matching Score") increases over time. For a variety of reasons, the Treasury Department and IRS should not require additionality or the procurement of power purchase agreements ("PPAs") or virtual power purchase agreements ("VPPAs").

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1 *See* Inflation Reduction Act of 2022, Pub. L. No. 117-68, § 13204, 136 Stat. 1818, 1936 (2022) ("IRA").

2 U.S. Department of Energy, *Clean Hydrogen Production Standard (CHPS) Draft Guidance* 1 (Sept. 22, 2022), https://www.hydrogen.energy.gov/pdfs/clean-hydrogen-production-standard.pdf.

Sound policy will support grid reliability and lower carbon intensity; poor policy will do the converse. EDFR welcomes this opportunity to share its views with the Treasury Department and IRS on the right policy solutions for green hydrogen and the grid. In our comments, we describe EDFR's experience in developing renewables and clean hydrogen and respond to specific questions raised in the Request for Comments.

1. EDFR is a leader in developing renewables and clean hydrogen.

As one of the leading renewables developers in the United States over the past 40 years, EDFR has developed more than 20 GW of renewables projects in North America and has 34 GW of projects in its development pipeline. It has built projects across the United States in RTO/ISO and bilateral markets under various offtake structures, ranging from 25-year busbar utility PPAs to VPPAs for commercial and industrial buyers, and long-term and short-term REC sales. EDFR delivers grid-scale power (onshore and offshore wind, solar photovoltaic, storage, and hydrogen), distributed solutions such as solar, storage, demand response, and electric vehicle charging, and asset optimization services.

EDFR and its broader corporate family (collectively, the "EDF Group") have deep experience and expertise with hydrogen technologies and projects. The EDF Group has over 20 years of history in hydrogen technologies and projects, with competencies spanning project development, engineering and plant design, hydrogen technology and electrolysis, and research and development. Today, the EDF Group has hydrogen projects in various phases of development in 12 countries across five continents, including multiple operational research facilities in Europe, a commercial facility serving the French hydrogen mobility market, and a UK project pairing offshore wind with electrolysis that is about to begin construction. This latter project will enter operations with 10 MW of electrolysis and will grow to over 500 MW.

As the green hydrogen market has matured, the EDF Group has structured its business accordingly. Beginning in research and development, the EDF Group, together with the Karlsruhe Institute for Technology, formed the European Institute for Energy Research in 2002, which has dedicated laboratories and a large research team focused on low-carbon hydrogen. In 2018, the EDF Group made a strategic investment in McPhy, a provider of alkaline electrolyzers. In 2019, the market had matured sufficiently that the EDF Group established a new business entity to develop green hydrogen projects in Europe (Hynamics), as well as a dedicated team in the United States within EDFR.

EDFR has a multi-GW green hydrogen pipeline, including a first award through Atlantic Shores Offshore Wind for a 10 MW electrolysis facility. It is active in several regional green hydrogen hubs and looks forward to the DOE review of regional hydrogen hub proposals. EDFR anticipates being able to announce several partnerships for multi-hundred MW and GW-scale hydrogen production facilities in the United States.

2. EDFR's Responses to Specific Questions in the Request for Comments on the Credit for Production of Clean Hydrogen

Question (1)(d) If a facility is producing qualified clean hydrogen during part of the taxable year, and also produces hydrogen that is not qualified clean hydrogen during other parts of the taxable year (for example, due to an emissions rate of greater than 4 kilograms of CO2-e per kilogram of hydrogen), should the facility be eligible to claim the § 45V credit only for the qualified clean hydrogen it produces, or should it be restricted from claiming the § 45V credit entirely for that taxable year?

The facility should be eligible to claim the § 45V credit only for the qualified clean hydrogen it produces. Thus, it should not receive the § 45V credit for any hydrogen that exceeds the emissions rate of 4 kilogram of CO2-e per kilogram of hydrogen.

A facility that relies on electrolysis should not be eligible to claim the § 45V credit if it does not, on an annual basis, meet REC retirements equal to its annual electrolyzer load. The facility should earn a § 45V credit that is reduced by a pro rata amount for failing to meet the required Time Matching Standard.[3] For instance, if the required Time Matching Score is 75% and the facility has a Time Matching Score of 60%, then the facility should earn: (a) the § 45V credit value, multiplied by (b) 60/75.

Question (1)(e)(i) How might clean hydrogen production facilities verify the production of qualified clean hydrogen using other specific energy sources?

For clean hydrogen produced through electrolysis, the production of qualified clean hydrogen can be met through the use of RECs with a time matching and regionality requirement (as described further in these comments). RECs can be verified through established third-party mechanisms currently available in the renewable energy industry and retired in the facility owner's name, account, or subaccount.

Question (1)(e)(ii) What granularity of time matching (that is, annual, hourly, or other) of energy inputs used in the qualified clean hydrogen production process should be required?

Time Matching Scores of energy inputs should be calculated based on the average time matching during the Month-Hour. There are 288 Month-Hours in a year (12 months/year x 24 hours/day). For example, each year, there should be a calculation that compares the average electrolyzer load in January Hour Ending 1[4] to the average RECs generated during January Hour 1 (and retired by the electrolyzer). This same calculation should be done for every hour, in every month, as described more fully in response to Question (4)(g).

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[3] This is described more fully in the response to Question (4)(g).

[4] This is the hour from midnight to 1:00 a.m.

Question (4)(c) What technologies or accounting systems should be required for taxpayers to demonstrate sources of electricity supply?

On an annual basis, clean hydrogen produced by an electrolyzer must meet REC retirements equal to its annual load. The retirement of RECs is a verifiable and established third-party mechanism.

Question (4)(f) Should indirect book accounting factors that reduce a taxpayer's effective greenhouse gas emissions (also known as a book and claim system), including, but not limited to, renewable energy credits, power purchase agreements, renewable thermal credits, or biogas credits be considered when calculating the § 45V credit?

Yes, in examining an electrolyzer's effective greenhouse gas emissions, RECs should be considered for purposes of calculating the § 45V credit.

Question (4)(g) If indirect book accounting factors that reduce a taxpayer's effective greenhouse gas emissions, such as zero-emission credits or power purchase agreements for clean energy, are considered in calculating the § 45V credit, what considerations (such as time, location, and vintage) should be included in determining the greenhouse gas emissions rate of these book accounting factors?

EDFR supports the use of RECs in calculating the § 45V credit for clean hydrogen produced through electrolysis. It would be inappropriate to allow hydrogen produced through methane steam reformation to offset carbon emissions through RECs, as that process is inherently more carbon intensive than electrolysis. Use of RECs to cover electrolyzer load, however, should take into account the electricity source's time and location of generation. The temporal consideration requires hourly matching on a Month-Hour basis. The locational requirement should be tied to regionality.

<u>*Location*</u>: Including a regionality requirement for REC procurement more directly links hydrogen electrolyzer load to verified renewable energy. A benefit of this locational load matching is that it incentivizes a more balanced build out of new green infrastructure, promoting grid stability and reduced market volatility. The Balancing Authority ("BA") or RTO/ISO market is an ideal boundary in which the purchase of renewable energy or RECs would be required and in which the hourly carbon emission intensity would be calculated. However, for smaller BAs, the appropriate boundary should be expanded, for instance, to include electrically connected and adjacent BAs. For all BAs, regardless of size, resources that are directly delivered or dynamically scheduled into the host BA, should be considered as meeting the regionality requirement. For example, new electrolyzer load located in the Los Angeles Department of Water and Power ("LADWP") BA could utilize RECs generated in, or from renewable resources delivered or dynamically scheduled into, the California ISO or the LADWP BA.

<u>*Time*</u>: The Time Matching Standard matches an electrolyzer's use of electricity with the generation of renewable energy, as established by a timestamped REC. EDFR does not recommend linking compliance with a specific REC tied to each of the 8760 hours in a year (365 days/year x 24 hours/day), as this standard is substantially harder to achieve than a standard

based on the average Month-Hour. Instead, EDFR suggests that compliance accounting utilize the existing 12 months/year x 24 hours/day structure prevalent in energy trading ("12 x 24 matrix"). This results in 288 hour-long periods (Month-Hours).[5] While not a perfect time matching methodology, it is widespread in industry and would provide material contributions to grid stability by incentivizing the development of renewables across high-load hours of the day and all seasons.

In contrast, a standard based on annual volume matching is too lax and inefficient. It disregards the relationship between electrolyzer load and generation and exacerbates the over-generation of renewables in some regions, causing curtailment, negative pricing and congestion, which in turn fail to reduce carbon emissions. EDFR opposes annual volume matching. Under such an approach, a REC could be generated at any time of the day or year and still count for § 45V purposes. In divorcing the time of electrolysis load from the time of generation, an annual methodology does not incentivize a mix of renewable generation that can cover all 24 hours of the day. Instead, it incentivizes the build out of the lowest cost type of renewables in the region, and could lead to over-generation and negative pricing in some regional markets, while increasing carbon emissions. Indeed, an annual approach is so lax that it may expose the Treasury Department, IRS, and the clean hydrogen industry to allegations of greenwashing, and in many markets will increase emissions.

Examples of the unintended consequences of annual matching exist today. In parts of West Texas, Kansas and Oklahoma, wind generation was built out rapidly, in part, in response to corporate buyers seeking annual REC volumes to offset their annual electric load. Similarly, in California, load serving entities responding to the annual matching Renewable Portfolio Standard, procured cheap solar, located in the desert. Many of these projects are exposed to high volumes of negative prices and curtailment, since mid-day generation exceeds mid-day demand during parts of the year. In all these examples, new transmission build out has not kept up, and this renewable development has fallen short of its carbon reduction expectations, since much of the potential renewable energy is curtailed (never generated) because of over-supply conditions.

A Time Matching Standard based on Month-Hours, as further described below, creates a more efficient match between electrolyzer load and generation, promotes the development of the proper mix of renewables and storage that can generate electricity during all hours of the year (including intra-day and seasonal), and more effectively reduces carbon emissions. It may not be possible to meet a higher Time Matching Standard solely with solar generation, but this approach links an electrolyzer with the diversified, balanced green resource mix that it would require.

To provide flexibility for a nascent industry, the Treasury Department and IRS should increase requirements over time. In practice, this means that not all RECs procured would be subject to the standard in the near- to medium-term, though the requirements would increase gradually as the industry developed and as renewable resources became more widely available. The standard will create the foundation for the accounting techniques used to track time of use,

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[5] As an example, the hour from noon to 1 p.m. in November 2022 would be assigned a single time period (a Month-Hour). Under a 365 days/year x 24 hours/day approach, there would be 30 discrete time periods, as each hour-long period from noon to 1:00 p.m. in November is counted separately.

and implementation of more stringent requirements in the medium- to longer-term will incentivize: (1) electrolyzers to run when renewable energy is abundant, and (2) the deployment of renewable generation with a diverse generating profile and energy storage—both of which support long-term grid stability.

Calculations for EDFR's Proposed Time Matching Standard. Time of use should be calculated on an annual look-back basis based upon the following formula using a 12 x 24 matrix:

- For each Month-Hour in the prior year calculate *a*/*b*, where *a* and *b* are as follows:

  a) RECs (purchased and retired by the Project Company LLC) in each Month-Hour

  b) MWh of load consumed in each Month-Hour

  If *a*/*b* is over 1, use 1 as the value. 1 represents 100%, meaning that in any hour, the Time Matching Factor cannot be greater than 100%.[6] This is a conservative approach that prevents over crediting of RECs during certain Month-Hours and encourages the procurement of RECs covering a greater number of Month-Hours.

- To incentivize co-location of renewable generation with electrolyzers and recognize the grid benefits provided, any RECs generated by onsite or behind-the-meter renewable generation would be eligible for a Time Matching Score bonus.

- The addition of co-located storage would also provide a bonus by allowing the shifting of excess RECs procured beyond load in any Month-Hour and would be eligible for an additional Time Matching Score bonus.

- Determine the average time matching of each Month-Hour (over the 288 Month-Hours accounted for in the 12 x 24 matrix). The result is the Electrolyzer's Time Matching Score.

EDFR suggests that the Treasury Department and IRS require a Time Matching Score of no less than:

- 50% in years 1 through 5 of operation or until 2030; this lower standard would be in place for a specific number of years, phasing higher in years after it is deemed that the market has achieved scale;

- 75% after more than 5 years of operation or after 2030; and

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[6] By way of example, if in June at noon:
a) RECs purchased by Electrolyzer LLC = 150 MWh
b) Electrolyzer Load = 100 MWh
(a) / (b) = 1.5 or 150%, however, the Time Matching Factor cannot exceed 1 or 100%

- If economically and technologically feasible, the standard would be higher in later years, to be phased in and determined during subsequent rulemakings.[7]

This Time Matching Standard, as proposed, would exist alongside, and not replace, a requirement for hydrogen producers to procure annual RECs, with regionality provisions as advocated above, for any MWh to be deemed generated by renewable energy. This use of annual RECs would gradually be replaced by the Time Matching Standard methodology as the compliance standard tightens.

The data and mechanisms to attach timestamps to RECs exist. While not all electronic REC trading platforms are currently configured with this detail, they could be, given the existence of the underlying data. The Load and Generation Meter data are third party verified data that is used for account settlement in the RTOs/ISOs. For example, in ERCOT, the Polled Settlement Meter timestamps generation every 15 minutes and is used as the basis for settlements.

While the carbon emission intensity of the BA or RTO/ISO market is in many ways relevant to the quantification of clean energy used to produce hydrogen, for § 45V compliance purposes, where at all possible, the procurement of RECs should be considered the compliance standard. To prevent double counting of green attributes, any grid electricity consumed but not backstopped by REC procurement should not be considered green or even partially green. The renewables facility that generated the power has presumably sold its associated RECs. As a result, grid electricity should be deemed to have the average carbon emission intensity of the relevant BA or RTO/ISO market with any green attribute removed from the calculation (as the entities that procured RECs would have been deemed to consume the green portion of that power).

Special considerations may exist in markets where RECs are not used and attestations from renewable generators are unavailable. A utility with a green tariff, for instance, could provide comparable compliance documentation since it couples RECs with the power, so long as it meets substantially similar requirements relating to the supply of renewable power to the hydrogen producer.

Attached in **Appendix A** is data that shows that EDFR's proposal is practical and achievable at reasonable cost over time. The Time Matching Standard can be met at less cost by using wind, which has a higher capacity factor and more diverse generation profile than solar, or by ramping down the electrolyzer when renewables are scarce. EDFR modeled one of the costliest ways to meet the Time Matching Standard in five different states – i.e., relying on a solar facility and adding increasing amounts of a four-hour battery energy storage system ("BESS"). First, the study determined the solar capacity required to produce annual RECs equal to a 100 MW electrolyzer run 24/7. In California, the solar facility would be about 280 MW. With no BESS, the facility's Time Matching Score would be 45%. With a BESS of 25% of the

[7] Annual RECs would cover the balance of an electrolyzer's regulatory requirement. For example, in years 1 through 5, the Time Matching Standard would be 50%, so timestamped RECs would cover half the requirement and annual RECs (not timestamped) could cover the rest. Similarly, when the Time Matching Standard is 75%, annual RECs would cover the remaining 25%.

solar facility's nameplate capacity (70 MW), the Time Matching Score would be 56%. With a BESS of 140 MW, the Time Matching Score would be 67%. With a BESS of 210 MW, the Time Matching Score would be 77%. With a BESS of 280 MW, the Time Matching Score would be 84%.[8]

It is critical to the success of the clean hydrogen industry that producers be allowed to benefit from the diverse renewable resources available on the grid and not be artificially or contractually linked to specific renewable facilities. Requiring a hydrogen producer to execute a PPA or VPPA tied to specific generating assets (or new assets if other constraints related to additionality were imposed) would require the hydrogen producer to take on power price risk and expose the producer to outsized power trading risk and price volatility. For instance, if such a PPA or VPPA standard were to be imposed, to meet its annual power requirements, given the capacity factor of renewables, a hydrogen producer would need to sign contracts with projects with nameplate energy capacity 2.5 to 3.5 times the nameplate capacity of its own load. While this would balance the number of RECs with the producer's load on an annual basis, this mismatch between power procurement and power consumption in any interval could be a multiple of consumption (up to 3.5 times), which would subject the hydrogen producer to energy market price volatility and financial risk. This outsized risk could serve as a significant obstacle to investment in green hydrogen.

Given power procurement/load mismatch and the resulting financial risks, PPAs and VPPAs should be an option for hydrogen asset owners to consider, but it would not be prudent to require such contracts as part of the green power supply solution. Instead, RECs provide the most straightforward method to link grid power consumption at the electrolyzer's site to verified renewable energy supply, provided that certain standards are met with respect to regionality and time matching of the REC supply.

EDFR does not support an additionality requirement. This requirement would be counterproductive and impede the development of a clean hydrogen industry in the United States. Notably, after having studied the issue and received stakeholder comments, the European Parliament moved to reject an additionality requirement.[9] For several reasons, the Time Matching Standard is better suited to supporting the adoption of green hydrogen than additionality.

While EDFR agrees that additionality is important in decreasing emissions, the main reason not to require additionality is because of insufficient new transmission. Most, if not all, markets across the U.S. have insufficient transmission build out to make the best use of the renewables that are operational to-date. Imposing an additionality requirement, absent new transmission capacity, will exacerbate the existing congestion and curtailment issues explained above.

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[8] The study also modeled solar facilities in Florida, New York, Texas, and Utah.

[9] *See* Sam Bartlett, *Green Hydrogen: From Additionality to Sustainability* (Sept. 26, 2022), https://gh2.org/blog/green-hydrogen-additionality-sustainability.

Relatedly, generator interconnection queues are extremely backlogged across the United States,[10] and transmission providers have struggled to keep up with needed transmission upgrades. These processes are unpredictable and often delayed and therefore can result in delayed placed-in-service dates of the renewable generation projects. To require additionality is to conflate new renewable energy project development risk with hydrogen's ability to access the § 45V credit, which is unreasonable.

Finally, the value of additionality should not be oversimplified or overstated. While additionality of new renewable projects can directly reduce the carbon emissions on the electric grid when new projects generate electricity in hours with high carbon intensity, absent consideration of the interplay between time of generation and the local grid's hourly carbon intensity, adding new renewables with similar generation profiles to those that already exist in high volumes, has only marginal value, and in some cases leads to curtailment, congestion, and negative pricing.

Question (6)(c) Coordination with § 45Q. Are there any circumstances in which a single facility with multiple unrelated process trains could qualify for both the § 45V credit and the § 45Q credit notwithstanding the prohibition in § 45V(d)(2) preventing any § 45V credit with respect to any qualified clean hydrogen produced at a facility that includes carbon capture equipment for which a § 45Q credit has been allowed to any taxpayer?

The term "facility" is not defined. To prevent gaming of the § 45V(d)(2) prohibition, the Treasury Department and IRS may wish to define "facility" broadly to include affiliated entities within one mile of each other that produce hydrogen and that share common infrastructure. Similarly, a taxpayer receiving the § 45Q credit may also receive the § 45V credit by installing an electrolyzer at the same, single facility but putting the unit under a different LLC Taxpayer ID Number. To prevent this, a facility receiving a § 45Q credit should be required to purchase § 45V-qualifying clean hydrogen from an independent third-party.

EDFR respectfully requests that the Treasury Department and IRS adopt its proposal and looks forward to future opportunities to engage in this process.

Respectfully submitted,

/s/ Norman C. Bay
Norman C. Bay

Counsel to EDF Renewables, Inc.

Attachment

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[10] At the end of 2021, there were more than 8100 active interconnection requests in interconnection queues across the United States, representing over 1000 GW of generation and 400 GW of energy storage. *Improvements to Generator Interconnection Procedures and Agreements*, 179 FERC ¶ 61,194, at P 18 (2022). To put that in context, the backlog was almost as large as the total amount of installed generation capacity in the United States (1143 GW). U.S. Energy Information Admin., *Electricity Explained: Electricity Generation, Capacity, and Sales in the United States*, https://www.eia.gov/energyexplained/electricity/electricity-in-the-us-generation-capacity-and-sales.php (last visited Dec. 3, 2022).

Time Matching Analysis Appendix

To understand one of the costliest ways to meet the proposed Time Matching Standards, EDFR conducted the analysis described below. It should be noted that the proposed Time Matching Standard can be met at less cost using wind, or by ramping down the electrolyzer when renewables are scarce.

1. Determine the solar capacity needed to produce annual RECs equal to a 100 MW electrolyzer, run 24/7.
    a. Solar projects that have middle-of-the-road resource for the state, amongst the projects in the EDFR portfolio, are used as the basis for the analysis.
2. Calculate the Time Matching Score derived from such solar capacity determined in Step 1.
3. Add 4-hour storage to the solar that is: (a) 25% of solar nameplate capacity, (b) 50% of solar nameplate capacity, % of solar nameplate capacity, (c) 75% of solar nameplate capacity, (d) 100% of solar nameplate capacity.
4. Optimize the solar and storage to follow the 100 MW electrolyzer load.
5. Calculate the Time Matching Score for each solar and storage combination.

This analysis was conducted in 5 states. Here is the summary of the analysis.

Time Matching Scores When Adding 4-Hour Storage to Solar

	CA	FL	NY	TX	UT
Solar Size (MW)	280.49534	345.71192	472.68763	353.32604	325.05246
0% BESS TM	45%	42%	39%	42%	42%
25% BESS TM	56%	55%	53%	55%	54%
50% BESS TM	67%	67%	65%	66%	65%
75% BESS TM	77%	77%	70%	76%	74%
100% BESS TM	84%	83%	72%	80%	79%

Here are each of the 12x24s that resulted from the Optimization in Step 4, and which are used to calculate the Time Matching Scores.

CALIFORNIA

CA - 0% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.9	2.3	0.2	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.8	29.9	90.8	103.4	60.6	32.0	10.0	0.2	0.0	0.0
6	0.0	11.4	70.6	189.1	222.1	223.4	167.8	168.5	133.3	77.9	21.0	0.8
7	67.8	158.6	210.8	254.7	269.5	266.1	215.8	225.6	224.5	206.9	159.1	70.9
8	162.0	224.0	258.4	267.8	279.9	277.5	248.9	257.9	249.4	239.0	206.8	155.4
9	187.7	236.8	273.5	275.3	280.5	280.0	258.7	271.1	262.5	243.6	210.1	176.3
10	191.9	232.4	269.2	273.0	280.0	280.3	257.6	273.5	266.5	242.4	202.2	181.1
11	190.0	230.6	267.0	275.3	280.5	280.5	271.9	270.1	262.8	236.0	194.8	176.9
12	191.0	223.2	263.5	274.2	279.8	278.7	273.3	261.6	258.5	237.6	194.7	178.9
13	192.9	224.5	250.8	269.0	278.6	279.4	269.6	252.7	251.1	237.9	195.5	182.7
14	187.8	207.2	245.7	269.4	270.8	278.0	263.0	250.9	240.0	225.5	183.8	183.8
15	154.7	181.9	229.4	252.9	254.0	265.8	239.0	235.7	208.5	181.4	119.0	113.5
16	27.0	89.6	161.9	215.3	218.6	228.7	203.8	186.5	130.5	42.7	7.9	5.0
17	0.0	2.0	23.4	65.7	115.2	150.6	124.1	76.3	15.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	5.7	15.5	13.0	1.6	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	48,136	56,623	78,274	87,346	96,930	96,298	88,885	85,683	75,378	67,306	50,853	44,187

CA - 25% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.9	2.3	0.2	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.8	29.9	85.8	95.4	60.2	32.0	10.0	0.2	0.0	0.0
6	0.0	11.4	62.4	129.4	152.7	154.0	113.1	110.9	98.5	75.5	21.0	0.8
7	67.6	107.3	148.6	187.2	199.4	196.0	155.3	162.5	157.1	142.4	104.7	68.1
8	107.6	165.2	190.4	198.4	209.8	207.4	183.8	190.9	182.0	170.4	140.8	102.6
9	124.0	175.7	203.4	205.2	210.4	209.9	193.3	201.0	192.4	175.9	142.2	119.7
10	130.0	171.8	199.4	223.3	241.5	244.3	211.8	224.4	203.6	172.3	136.1	121.3
11	126.8	185.9	229.0	264.7	274.7	275.1	253.3	257.3	242.6	193.2	147.1	116.6
12	144.3	209.4	253.4	271.6	278.9	277.9	265.8	260.7	253.5	228.2	186.4	139.3
13	182.1	218.3	248.0	268.7	278.5	279.2	264.7	256.0	251.6	234.6	195.8	171.8
14	185.7	208.9	246.1	270.2	270.8	278.0	258.4	254.7	242.1	224.6	188.2	179.1
15	156.9	191.1	231.7	253.6	255.8	265.7	236.4	237.7	211.0	184.7	126.9	118.6
16	88.2	110.1	167.2	216.3	219.9	228.7	205.4	189.1	138.2	97.0	73.4	68.8
17	65.6	64.8	90.6	97.8	120.4	153.4	129.4	99.3	81.4	70.1	63.5	62.0
18	64.1	59.1	69.5	70.1	75.8	85.6	83.2	67.2	67.8	70.1	63.1	59.0
19	57.9	54.9	67.9	70.1	70.1	70.1	70.1	65.6	67.6	66.6	58.7	53.9
20	5.6	42.9	64.2	67.2	68.7	70.1	68.1	63.3	62.2	15.8	0.0	0.0
21	0.0	0.0	3.0	38.0	63.3	67.3	64.8	42.6	1.6	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	46,704	55,355	76,739	85,854	95,395	94,813	87,341	84,172	73,892	65,771	49,437	42,830

CA - 50% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.9	2.3	0.2	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.8	29.9	85.8	95.4	60.2	32.0	10.0	0.2	0.0	0.0
6	0.0	11.4	62.4	99.0	103.1	101.2	93.8	94.4	98.4	75.5	21.0	0.8
7	67.6	93.5	105.9	125.4	130.2	127.6	102.0	104.2	102.4	98.1	99.6	68.1
8	94.3	110.6	125.9	133.9	139.6	137.8	121.0	126.1	117.1	108.7	100.0	89.5
9	99.1	118.6	134.7	137.0	140.2	139.8	131.0	134.0	125.1	109.9	100.0	94.6
10	100.0	114.1	133.1	158.9	182.8	187.5	145.4	146.5	126.3	106.2	100.0	97.7
11	99.7	121.4	171.1	241.1	264.3	264.6	220.0	233.0	192.9	135.2	99.2	98.2
12	99.8	187.5	237.0	263.0	277.3	276.3	249.7	254.7	243.0	206.8	106.3	97.0
13	108.3	212.4	244.8	267.5	278.2	279.0	257.9	255.4	247.2	228.3	163.2	97.3
14	145.8	206.8	245.1	266.0	270.7	277.9	253.5	255.1	241.6	221.2	184.0	132.4
15	144.3	190.0	228.9	251.1	255.8	265.7	233.6	239.9	211.4	183.0	126.0	112.8
16	96.0	112.6	167.4	216.4	219.9	228.7	204.3	191.7	138.6	100.0	92.7	91.2
17	93.0	89.9	100.0	100.0	120.4	153.4	129.8	100.9	100.0	100.0	90.0	87.2
18	89.5	85.7	100.0	100.0	100.0	100.0	100.0	93.6	100.0	100.0	90.0	83.9
19	82.8	85.7	99.4	100.0	100.0	100.0	100.0	93.5	98.7	100.0	87.9	81.5
20	80.5	83.3	96.8	100.0	100.0	100.0	100.0	93.5	96.7	99.8	86.7	72.6
21	62.8	73.6	96.3	99.1	100.0	100.0	99.8	93.3	95.9	88.9	57.8	39.5
22	3.1	37.9	76.9	94.0	98.3	100.0	96.7	89.9	68.0	10.6	0.0	0.0
23	0.0	0.0	0.4	30.0	60.0	73.7	69.0	36.0	0.3	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	45,465	54,184	75,234	84,369	93,860	93,328	85,810	82,703	72,407	64,240	48,131	41,669

CA - 75% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	23.5	56.4	85.9	97.7	100.0	93.2	88.1	51.3	4.7	0.0	0.0
2	0.0	0.0	0.0	12.9	40.4	54.0	49.7	21.7	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.9	2.3	0.2	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.8	29.9	85.8	95.4	60.2	32.0	10.0	0.2	0.0	0.0
6	0.0	11.4	62.4	99.0	100.0	100.0	93.8	94.4	98.4	75.5	21.0	0.8
7	67.6	93.5	99.9	99.3	100.0	100.0	96.1	96.1	100.0	97.8	99.6	68.1
8	94.3	95.6	100.0	100.0	100.0	100.0	97.4	98.7	98.6	100.0	100.0	89.5
9	99.1	97.5	100.0	100.0	100.0	100.0	98.3	100.0	100.0	100.0	100.0	94.6
10	100.0	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.7
11	99.7	99.4	100.0	131.9	153.7	153.8	107.8	109.3	100.0	100.0	99.2	98.2
12	99.8	100.4	149.5	226.2	257.5	254.8	196.6	201.2	140.0	100.8	98.6	97.0
13	99.6	145.9	211.4	256.6	275.2	275.8	239.3	240.5	209.3	133.0	97.9	96.4
14	99.5	181.9	235.6	263.5	270.3	277.4	242.2	252.9	230.3	189.0	97.8	97.0
15	98.0	182.8	226.8	250.5	255.7	265.7	228.0	239.5	209.5	176.3	97.0	95.5
16	96.0	112.4	167.1	212.0	219.8	228.7	198.6	191.7	138.5	100.0	92.7	91.2
17	93.0	89.9	100.0	100.0	120.4	153.4	128.8	101.9	100.0	100.0	90.0	87.2
18	89.5	85.7	100.0	100.0	100.0	100.0	100.0	94.5	100.0	100.0	90.0	83.9
19	82.8	85.7	99.7	100.0	100.0	100.0	100.0	93.5	100.0	100.0	87.9	81.5
20	80.5	84.7	96.8	100.0	100.0	100.0	100.0	93.5	100.0	100.0	86.7	72.6
21	71.8	82.1	96.8	100.0	100.0	100.0	100.0	93.5	97.7	98.9	85.2	58.7
22	50.0	78.8	94.5	100.0	100.0	100.0	98.1	93.5	96.7	94.4	78.9	25.8
23	24.8	76.9	92.4	100.0	100.0	100.0	96.8	93.5	95.7	87.1	46.8	0.4
0	5.5	65.0	90.3	95.2	100.0	100.0	96.8	92.6	91.9	71.4	8.8	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	45,001	52,939	73,787	82,883	92,301	91,838	84,375	81,306	71,034	62,900	47,345	41,421

CA - 100% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	59.5	88.5	93.3	100.0	100.0	93.9	93.5	92.6	77.9	2.7	0.0
2	0.0	51.4	85.0	93.3	100.0	100.0	93.5	91.6	90.0	52.8	0.0	0.0
3	0.0	47.5	77.4	91.1	100.0	100.0	89.4	88.6	85.5	20.4	0.0	0.0
4	0.0	9.7	35.4	76.1	94.2	99.4	85.7	79.1	30.7	0.1	0.0	0.0
5	0.0	0.0	0.8	32.7	92.5	98.7	80.0	41.3	10.0	0.2	0.0	0.0
6	0.0	11.4	62.4	99.0	100.0	100.0	93.8	94.4	98.4	75.5	21.0	0.8
7	67.6	93.5	99.9	99.3	100.0	100.0	96.1	96.1	100.0	97.8	99.6	68.1
8	94.3	95.6	100.0	100.0	100.0	100.0	97.4	98.7	98.6	100.0	100.0	89.5
9	99.1	97.5	100.0	100.0	100.0	100.0	98.3	100.0	100.0	100.0	100.0	94.6
10	100.0	97.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.7
11	99.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.2	98.2
12	99.8	99.2	100.0	100.0	102.7	101.1	100.0	100.0	100.0	100.0	98.6	97.0
13	99.6	98.0	100.0	149.4	191.8	206.8	128.0	118.8	100.0	100.0	97.9	96.4
14	99.5	99.5	160.7	232.7	256.4	266.0	200.7	195.6	135.6	100.5	97.8	97.0
15	98.0	131.3	195.9	246.2	253.8	264.0	221.0	223.3	170.8	108.2	95.1	95.5
16	96.0	107.6	163.3	207.2	219.6	228.4	192.4	189.3	135.5	100.0	92.7	91.2
17	93.0	89.9	100.0	100.0	120.4	153.4	128.0	101.8	100.0	100.0	90.0	87.2
18	89.5	85.7	100.0	100.0	100.0	100.0	100.0	94.5	100.0	100.0	90.0	83.9
19	82.8	85.7	99.7	100.0	100.0	100.0	100.0	93.5	100.0	100.0	87.9	81.5
20	80.5	84.7	96.8	100.0	100.0	100.0	100.0	93.5	100.0	100.0	86.7	72.6
21	71.8	82.1	96.8	100.0	100.0	100.0	100.0	93.5	97.7	98.9	85.2	58.7
22	50.0	78.8	94.5	100.0	100.0	100.0	98.1	93.5	96.7	94.4	78.9	25.8
23	24.8	76.9	92.4	100.0	100.0	100.0	96.8	93.5	95.7	87.1	46.8	0.4
0	5.5	70.2	90.3	96.7	100.0	100.0	96.8	93.5	93.3	85.7	11.8	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	45,001	51,871	72,528	81,510	90,868	90,534	83,384	79,603	69,933	61,989	47,458	41,421

FLORIDA

FL - 0% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	2.4	3.2	0.8	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	4.1	46.2	87.9	93.7	68.4	40.1	21.9	5.2	0.0	0.0
7	9.7	29.3	99.8	215.4	224.6	215.3	198.5	174.7	154.5	108.7	50.6	15.2
8	116.4	158.8	235.0	290.1	283.0	285.2	262.3	254.7	235.1	220.4	177.2	124.5
9	199.9	217.4	265.2	298.7	294.5	308.5	302.5	283.4	249.8	238.8	210.0	179.7
10	214.2	228.5	271.4	301.9	308.9	313.0	302.0	294.4	255.2	245.1	221.3	195.6
11	226.6	246.0	278.2	306.5	313.1	311.7	302.2	293.6	254.9	247.7	223.1	193.3
12	210.5	255.9	281.8	289.0	303.4	296.9	294.0	281.8	251.8	252.4	213.1	189.4
13	211.9	233.9	266.4	282.1	288.9	261.8	281.9	275.2	247.8	239.7	220.6	187.9
14	214.1	211.9	260.2	278.2	292.4	238.2	254.5	250.3	235.0	222.7	220.0	182.3
15	209.4	202.0	255.8	256.1	282.6	197.9	211.2	220.4	211.4	192.5	217.2	176.9
16	147.7	177.9	228.6	239.7	248.9	155.4	166.9	148.0	171.8	130.6	117.1	95.6
17	25.2	66.2	132.2	167.6	181.0	108.4	118.7	83.3	86.8	26.3	6.7	4.2
18	0.0	0.3	11.7	29.1	52.7	54.6	42.7	22.3	6.2	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	55,354	56,783	80,303	90,017	98,089	85,340	87,032	81,287	71,465	66,039	56,311	47,879

FL - 25% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	2.4	3.2	0.8	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	4.1	45.9	79.3	83.4	67.5	40.1	21.9	5.2	0.0	0.0
7	9.7	29.3	75.6	139.4	154.0	141.2	126.6	112.3	95.6	86.4	50.1	15.2
8	80.4	109.2	169.6	212.0	202.7	203.0	182.2	174.2	170.6	149.1	124.3	85.8
9	140.7	160.0	193.8	220.6	215.2	226.7	219.0	200.4	184.5	166.9	149.5	124.2
10	152.9	167.4	200.7	223.8	228.1	229.6	224.4	210.7	185.9	170.9	153.0	135.6
11	156.6	173.2	211.6	252.5	265.5	264.9	247.5	233.3	202.5	170.7	153.6	131.2
12	155.3	197.5	247.9	274.6	291.9	285.9	284.6	262.8	235.9	213.5	160.7	134.6
13	190.6	211.3	258.9	280.4	289.6	258.2	282.2	270.2	239.5	221.4	197.0	159.1
14	205.7	206.7	258.1	280.3	294.8	247.3	258.7	244.9	233.9	211.9	210.7	170.3
15	205.7	203.1	253.3	255.7	282.6	214.4	220.8	220.4	206.4	190.4	205.9	167.8
16	150.4	178.1	228.6	241.3	253.5	178.8	182.6	166.8	177.3	141.5	120.6	107.1
17	78.0	90.7	137.9	177.3	187.7	138.6	143.1	119.0	111.5	95.6	87.0	79.0
18	66.9	71.3	84.3	94.3	92.6	96.7	95.2	98.1	78.6	83.6	75.1	70.7
19	66.9	69.4	74.2	80.7	78.1	74.6	72.9	83.9	70.1	82.8	74.9	65.1
20	63.9	65.5	70.5	78.9	76.7	59.3	63.8	71.2	63.2	69.1	60.8	48.8
21	13.7	43.2	64.8	66.5	73.8	49.6	50.7	45.1	49.3	12.3	0.3	0.0
22	0.0	0.0	2.5	16.3	37.8	29.8	25.3	7.3	0.9	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	53,864	55,326	78,631	88,220	96,299	83,552	85,192	79,383	69,833	64,214	54,705	46,329

FL - 50% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	4.1	19.9	41.9	33.2	28.3	7.7	2.1	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	2.4	3.2	0.8	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	4.1	45.9	79.3	83.4	67.5	40.1	21.9	5.2	0.0	0.0
7	9.7	29.3	74.5	98.6	101.1	99.3	96.2	99.2	89.5	86.4	50.1	15.2
8	78.1	81.8	114.9	141.1	134.0	128.5	116.0	108.7	110.9	100.9	88.0	80.9
9	94.8	109.9	133.3	149.0	143.1	149.2	143.7	127.4	124.1	108.9	99.7	87.7
10	101.4	117.7	139.3	148.4	151.2	149.5	150.2	136.7	124.3	113.2	101.0	94.3
11	101.0	114.6	143.2	178.5	195.4	186.6	165.8	142.7	125.1	109.1	100.1	92.6
12	94.1	133.5	205.8	252.0	259.9	260.6	248.3	220.9	202.2	148.5	120.1	95.4
13	146.9	183.3	247.1	269.4	283.0	249.5	272.6	254.7	227.6	188.8	166.2	121.3
14	177.1	183.7	250.9	276.3	293.8	243.6	253.9	238.1	227.7	196.4	187.4	148.6
15	187.4	188.0	245.9	254.5	282.4	213.8	217.3	211.4	202.5	180.0	196.0	154.7
16	148.4	172.6	222.0	241.2	253.5	178.7	182.6	162.2	175.2	137.6	120.4	106.3
17	78.5	90.9	135.8	177.3	187.7	139.0	143.8	118.1	114.0	97.0	93.2	86.5
18	77.4	82.1	87.5	96.7	94.1	100.3	97.9	100.0	88.0	96.8	89.1	83.2
19	77.4	82.1	87.1	96.7	93.5	96.7	96.8	100.0	86.7	96.8	85.9	78.9
20	77.4	82.1	87.1	96.3	93.5	96.7	95.3	100.0	81.7	96.8	77.3	65.2
21	77.4	81.6	82.0	91.7	93.5	96.6	90.3	100.0	76.7	90.4	72.7	56.6
22	76.9	78.0	77.4	89.0	90.3	88.8	85.4	98.5	76.7	85.9	68.1	50.6
23	70.4	71.2	76.4	86.5	89.6	71.1	77.8	84.9	68.8	67.4	62.8	41.1
0	16.3	42.7	70.6	78.0	85.8	58.2	56.5	53.5	52.9	13.4	1.0	0.1
	31	28	31	30	31	30	31	31	30	31	30	31
	52,411	53,905	77,165	86,607	94,530	81,795	83,304	77,653	68,353	62,598	53,371	45,239

FL - 75% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	56.2	56.2	74.2	83.3	90.3	89.5	81.9	92.7	70.0	64.4	59.8	33.7
2	52.3	46.8	74.2	83.3	90.3	78.6	74.7	80.1	68.5	53.7	48.0	28.1
3	36.1	40.5	71.2	79.5	87.1	63.2	61.4	55.5	58.2	32.8	19.0	9.0
4	0.0	8.5	34.4	50.3	74.3	47.2	45.9	22.3	24.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.1	8.6	13.7	7.8	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	4.1	45.9	79.3	83.4	67.5	40.1	21.9	5.2	0.0	0.0
7	9.7	29.3	74.5	94.1	97.2	98.3	96.2	99.2	89.5	86.4	50.1	15.2
8	78.1	79.6	88.6	94.3	97.4	100.0	97.7	99.3	92.0	94.4	86.0	80.9
9	83.9	86.3	90.7	95.6	98.4	100.0	100.0	99.1	95.6	94.8	88.7	85.6
10	88.6	91.2	92.8	96.3	98.1	100.0	100.0	100.0	98.3	98.8	92.0	92.9
11	92.9	93.7	96.6	99.6	101.0	100.1	100.0	100.0	99.3	98.6	94.9	92.5
12	87.9	94.0	127.2	196.9	181.8	159.0	150.0	109.4	107.9	99.9	92.8	93.2
13	87.3	124.3	212.6	248.4	238.0	220.2	228.5	177.3	171.2	116.6	93.5	94.6
14	108.4	167.0	239.5	261.6	276.8	224.1	234.6	214.9	199.5	146.2	131.8	95.1
15	140.6	167.0	243.4	248.0	276.6	202.3	206.3	201.2	190.0	150.0	156.4	109.4
16	130.1	156.5	221.5	239.6	252.9	177.7	179.7	159.1	171.1	130.1	114.4	97.8
17	78.5	90.9	135.8	173.9	187.6	138.8	143.4	117.2	114.0	97.0	93.2	86.5
18	77.4	82.1	87.5	96.7	94.1	100.3	97.9	100.0	88.0	96.8	89.1	83.2
19	77.4	82.1	87.1	96.7	93.5	96.7	96.8	100.0	86.7	96.8	85.9	78.9
20	77.4	82.1	87.1	96.3	93.5	96.7	96.8	100.0	82.7	96.8	77.3	65.2
21	77.4	81.8	82.0	91.7	93.5	96.7	92.3	100.0	80.0	90.4	73.1	56.6
22	76.9	78.0	77.4	89.0	93.5	96.7	90.3	100.0	77.2	86.0	68.1	50.6
23	71.7	74.4	77.4	86.7	93.5	94.7	90.3	98.5	73.4	76.4	66.7	42.7
0	66.3	69.2	76.2	89.2	90.3	96.7	87.1	94.3	70.0	73.6	64.6	37.1
	31	28	31	30	31	30	31	31	30	31	30	31
	51,310	52,687	76,135	85,115	92,627	80,233	81,448	76,267	66,863	61,558	52,366	44,295

FL - 100% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	56.2	56.2	74.2	86.7	90.3	94.0	87.8	94.7	70.0	65.3	59.8	33.7
2	52.3	47.6	74.2	84.7	90.3	93.3	83.9	89.5	70.0	53.7	48.0	28.1
3	49.0	44.4	74.2	82.4	90.3	90.9	83.9	79.5	68.9	47.0	40.8	17.3
4	36.6	39.1	74.2	80.0	90.3	86.7	80.0	77.4	64.7	33.1	35.8	10.0
5	24.0	33.0	74.2	79.9	87.2	79.3	74.1	69.3	58.4	26.7	27.2	1.5
6	17.7	30.8	73.5	85.4	95.3	94.4	88.9	72.7	61.8	25.7	14.5	0.0
7	12.8	44.4	90.1	94.1	97.2	98.9	97.7	99.2	90.8	87.1	50.1	15.2
8	78.1	79.6	90.6	94.3	97.4	100.0	98.1	100.0	92.0	94.4	86.0	80.9
9	83.9	86.3	90.7	95.6	98.4	100.0	100.0	100.0	95.8	94.8	88.7	85.6
10	88.6	91.2	92.8	96.3	99.1	100.0	100.0	100.0	98.3	98.8	92.0	92.9
11	92.9	93.7	96.6	97.5	98.7	100.0	100.0	100.0	99.3	98.6	94.9	92.5
12	87.9	93.8	97.6	110.3	121.1	109.8	105.9	100.0	98.8	99.5	92.8	93.2
13	87.3	92.8	114.7	185.8	201.2	145.9	145.2	104.5	102.5	99.9	91.9	94.6
14	87.7	103.3	176.7	235.8	244.8	181.4	192.6	126.0	137.1	102.5	93.1	93.5
15	86.5	127.0	213.6	236.3	266.5	185.4	182.9	163.9	160.9	115.3	95.8	93.6
16	94.0	143.1	210.2	234.7	252.4	165.5	169.6	148.4	159.8	112.6	98.6	91.9
17	78.5	90.8	134.1	173.2	187.4	136.5	142.3	115.1	114.2	97.0	93.2	86.5
18	77.4	82.1	87.5	96.7	94.1	101.5	97.9	100.0	88.0	96.8	89.1	83.2
19	77.4	82.1	87.1	96.7	93.5	98.1	96.8	100.0	86.7	96.8	85.9	78.9
20	77.4	82.1	87.1	96.7	93.5	96.7	96.8	100.0	82.7	96.8	77.3	65.2
21	77.4	81.8	86.3	95.1	93.5	96.7	95.2	100.0	80.0	90.4	73.1	56.6
22	76.9	78.0	78.4	93.3	93.5	96.7	93.5	100.0	77.2	86.0	68.1	50.6
23	71.7	74.4	77.4	87.1	93.5	96.7	90.4	98.5	73.4	76.4	66.7	42.7
0	66.3	69.2	76.2	89.6	90.3	96.7	90.3	96.8	70.0	73.9	64.6	37.1
	31	28	31	30	31	30	31	31	30	31	30	31
	50,795	51,716	75,397	84,240	91,759	79,349	80,410	75,496	66,038	61,040	51,841	44,187

NEW YORK

NY - 0% BESS

Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	2.2	29.5	34.7	21.0	4.1	0.0	0.0	0.0	0.0
6	0.0	0.0	6.5	63.3	184.1	167.4	143.1	89.4	28.7	3.9	0.0	0.0
7	0.5	11.8	82.2	195.5	310.5	297.3	294.2	244.4	160.4	88.9	14.2	0.8
8	41.9	99.3	192.9	276.9	342.8	354.3	351.9	325.1	266.0	209.1	104.4	38.7
9	114.3	179.7	245.6	305.2	360.0	354.9	349.9	348.1	305.4	225.4	158.6	104.8
10	131.6	199.3	258.0	304.9	353.7	340.7	350.6	333.3	307.7	214.5	167.4	111.2
11	133.9	194.0	252.4	318.0	342.0	355.2	341.5	343.4	308.8	203.6	153.6	109.7
12	127.3	192.9	252.8	308.0	331.3	365.7	349.4	344.3	308.6	195.6	142.7	110.7
13	124.6	186.4	250.3	308.2	302.9	351.9	364.3	334.1	296.4	210.8	148.6	101.4
14	123.7	178.3	233.6	290.7	309.5	337.9	365.6	339.9	280.2	211.5	127.4	87.6
15	85.9	152.8	208.5	273.4	288.2	300.5	336.6	330.1	270.7	174.0	68.6	40.5
16	17.9	72.3	157.5	245.5	232.5	265.2	307.4	272.6	197.4	77.3	5.8	2.5
17	0.0	6.0	38.7	114.5	153.2	194.5	227.9	150.5	58.7	4.3	0.0	0.0
18	0.0	0.0	0.4	12.7	43.3	72.9	81.1	29.8	2.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.4	5.3	4.5	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	27,949	41,241	67,561	90,566	111,108	113,958	120,564	108,166	83,724	56,384	32,735	21,944

NY - 25% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	2.2	29.5	34.7	21.0	4.1	0.0	0.0	0.0	0.0
6	0.0	0.0	6.5	52.5	107.9	100.7	94.9	72.9	28.7	3.9	0.0	0.0
7	0.5	11.8	64.5	135.7	221.2	212.0	207.1	164.8	100.2	66.9	14.2	0.8
8	41.9	71.9	132.8	206.0	241.5	256.1	254.0	225.3	186.9	143.3	70.0	37.9
9	78.0	118.9	164.3	227.9	262.3	255.6	255.2	243.9	214.9	156.8	108.3	72.7
10	88.4	125.1	173.0	227.3	279.5	261.3	270.6	233.9	215.3	151.0	107.9	78.5
11	90.8	120.6	171.6	271.8	315.8	315.1	299.3	273.4	224.9	142.9	98.9	83.4
12	89.9	130.3	191.4	289.4	319.7	344.6	325.0	309.5	266.4	164.6	109.3	85.2
13	92.3	147.8	216.4	291.0	299.1	331.5	347.9	320.2	282.2	188.8	133.4	87.1
14	106.4	171.4	213.3	279.6	306.0	326.9	350.1	326.7	278.9	196.0	130.4	87.0
15	86.1	166.3	195.3	270.3	285.6	297.0	326.7	323.5	273.0	169.5	86.4	52.6
16	52.7	99.2	156.5	241.2	236.3	267.4	297.9	277.1	202.1	97.5	54.3	29.5
17	45.5	67.9	93.3	122.6	173.3	205.8	227.0	168.5	98.5	73.2	46.0	24.9
18	41.1	57.0	88.1	81.0	93.0	110.5	113.6	100.0	86.3	67.6	38.1	19.4
19	32.0	49.6	86.5	73.5	87.1	100.0	100.0	100.0	83.3	58.9	34.1	18.9
20	19.9	46.4	76.0	69.3	87.1	98.4	98.3	95.3	80.0	49.0	20.8	8.9
21	2.4	34.1	65.3	63.3	80.4	91.2	94.5	87.1	69.3	31.1	0.1	0.0
22	0.0	0.0	14.6	52.3	64.2	70.3	82.2	69.9	27.2	0.0	0.0	0.0
23	0.0	0.0	0.0	0.3	20.6	39.4	42.5	11.3	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	26,905	39,718	65,392	88,717	108,807	111,553	118,044	105,631	81,548	54,600	31,563	21,286

NY - 50% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	39.3	45.2	63.3	77.4	79.4	83.9	87.4	73.1	41.7	10.3	0.0
2	0.0	14.6	41.8	61.8	72.6	73.5	83.4	85.4	58.0	19.7	0.0	0.0
3	0.0	0.0	4.6	33.4	52.6	63.2	68.5	58.4	15.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	8.4	24.3	23.6	4.6	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	2.2	29.5	34.7	21.0	4.1	0.0	0.0	0.0	0.0
6	0.0	0.0	6.5	52.5	85.9	82.3	82.6	72.9	28.7	3.9	0.0	0.0
7	0.5	11.8	64.3	87.5	152.3	141.8	138.8	110.9	84.6	66.9	14.2	0.8
8	41.9	70.8	96.4	141.0	162.9	174.8	171.8	146.9	123.8	100.1	64.6	37.9
9	75.8	92.0	113.9	156.8	176.6	176.7	174.1	159.5	143.9	107.5	78.8	68.5
10	82.8	97.2	117.2	159.8	186.5	182.0	180.3	151.3	137.7	104.1	83.3	75.7
11	87.6	96.7	118.0	213.2	256.6	259.8	249.4	195.3	145.7	101.3	85.6	83.2
12	87.7	96.8	150.8	269.9	292.7	312.2	295.1	251.1	203.3	136.2	85.5	85.1
13	86.2	113.2	181.6	279.2	293.2	316.2	325.8	280.3	249.4	159.5	99.1	80.9
14	82.1	124.0	192.3	271.3	298.4	306.9	335.9	307.4	264.6	166.8	112.8	72.4
15	74.8	135.8	178.1	266.2	282.2	287.7	313.7	314.4	258.0	144.5	83.4	52.6
16	52.7	96.3	146.6	237.3	235.8	263.7	284.7	275.0	195.6	95.8	54.3	29.5
17	45.5	69.7	93.3	121.4	173.3	205.3	222.4	168.4	100.9	74.2	48.3	24.9
18	41.5	57.1	88.1	81.0	93.0	110.5	113.6	100.0	88.7	70.2	41.1	19.4
19	32.0	55.6	87.1	75.0	87.1	100.0	100.0	100.0	83.3	66.8	36.7	18.9
20	21.2	46.9	78.4	70.0	87.1	98.4	100.0	98.3	83.1	62.0	34.0	15.6
21	19.4	46.4	68.5	67.6	87.1	94.1	96.9	96.0	79.3	58.1	29.5	9.5
22	14.8	44.9	67.7	66.3	86.4	90.0	93.4	93.5	76.7	55.8	26.7	6.5
23	6.5	41.8	64.0	63.3	80.6	90.0	87.1	91.5	76.7	46.8	21.5	1.3
0	0.0	40.5	48.5	63.3	78.5	85.7	84.9	92.9	73.3	43.7	19.7	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	26,441	38,962	63,636	87,110	106,539	109,606	115,656	103,711	79,313	53,491	30,882	21,155

NY - 75% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	39.3	45.2	63.3	80.4	89.1	88.8	93.5	73.3	41.9	16.7	0.0
2	0.0	30.4	45.2	63.3	77.4	83.7	83.9	90.4	73.3	38.9	15.7	0.0
3	0.0	18.1	43.7	63.3	75.2	81.1	83.9	88.4	71.7	32.5	12.9	0.0
4	0.0	15.5	38.7	63.3	72.0	76.6	83.9	84.9	63.4	32.3	7.2	0.0
5	0.0	10.7	37.6	63.6	74.2	78.3	87.6	83.0	60.0	32.3	6.7	0.0
6	0.0	10.7	34.9	75.2	90.2	90.1	96.3	95.5	70.0	29.4	2.4	0.0
7	0.5	15.2	68.4	84.4	101.2	98.8	99.9	100.0	91.3	68.8	14.2	0.8
8	41.9	70.8	87.4	94.6	106.6	106.9	104.2	105.5	92.9	83.8	64.6	37.9
9	75.8	89.8	94.0	102.2	113.1	124.2	112.0	106.0	96.7	86.1	77.0	68.5
10	82.8	95.8	95.5	116.6	195.0	206.9	178.2	134.3	99.2	89.8	83.3	75.7
11	87.6	96.5	98.1	207.7	248.4	259.7	248.9	203.1	112.8	92.0	85.6	83.2
12	87.7	96.5	113.4	257.9	275.1	290.7	277.4	223.4	150.0	96.2	85.4	85.1
13	86.2	95.7	150.7	264.7	286.2	300.0	314.1	245.9	205.7	130.0	85.0	80.9
14	82.1	94.9	160.9	258.9	293.1	303.7	324.7	267.1	234.7	148.6	79.7	72.4
15	72.2	104.4	159.6	259.2	279.7	282.9	302.7	288.2	238.5	138.1	72.4	52.6
16	52.7	94.1	138.5	230.9	236.3	260.6	285.7	266.1	188.3	90.8	54.3	29.5
17	45.5	69.7	93.3	120.7	174.0	203.0	222.6	166.2	100.5	74.2	48.3	24.9
18	41.5	57.1	88.1	82.3	94.2	110.5	113.6	100.0	89.6	70.2	41.1	19.4
19	32.0	55.6	87.1	75.0	90.3	100.0	100.0	100.0	83.3	66.8	36.7	18.9
20	21.2	46.9	78.4	70.0	90.0	100.0	100.0	98.3	83.1	62.0	34.0	15.6
21	19.4	46.4	69.1	67.6	87.1	99.4	100.0	96.8	79.3	58.1	29.5	9.5
22	14.8	44.9	67.7	66.7	86.7	94.5	98.2	96.8	76.7	57.1	26.7	6.5
23	6.5	41.8	64.0	66.7	83.9	93.3	96.8	93.7	76.7	49.6	21.5	1.3
0	0.0	40.5	48.5	65.5	81.9	90.7	92.9	93.5	73.3	45.2	19.7	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	26,362	38,675	62,247	86,510	105,158	108,739	114,582	102,936	77,531	53,149	30,611	21,155

NY - 100% BESSS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	39.3	48.1	66.7	82.6	96.7	96.8	93.5	76.7	48.4	16.7	0.0
2	0.0	32.9	45.2	66.7	80.6	91.6	96.8	93.5	76.7	45.3	15.7	0.0
3	0.0	21.7	44.0	66.7	80.6	86.9	96.8	93.5	76.7	38.9	12.9	0.0
4	0.0	19.0	41.9	66.7	78.5	86.5	96.8	93.5	68.8	34.7	7.2	0.0
5	0.0	11.6	40.8	64.8	81.9	86.9	92.8	92.3	66.7	32.3	6.7	0.0
6	0.0	10.7	37.4	75.2	90.8	95.2	98.6	97.6	75.8	32.0	5.6	0.0
7	0.5	20.0	68.4	84.8	96.5	97.0	99.3	100.0	96.1	70.7	14.2	0.8
8	41.9	70.8	88.0	90.7	98.4	98.7	98.4	100.0	98.3	87.2	64.6	37.9
9	75.8	89.8	94.8	95.7	114.5	124.5	109.9	100.0	98.9	87.7	77.0	68.5
10	82.8	95.8	96.5	120.0	198.5	209.3	180.0	142.8	100.0	90.4	83.3	75.7
11	87.6	96.5	99.3	209.4	238.7	249.5	244.3	205.3	114.3	92.0	85.6	83.2
12	87.7	96.5	107.4	230.5	261.3	286.0	254.7	219.8	138.6	93.9	85.4	85.1
13	86.2	95.7	134.3	241.9	275.5	290.9	288.8	232.6	174.0	112.3	85.0	80.9
14	82.1	94.3	147.4	255.5	287.5	291.3	315.6	252.5	208.4	124.4	79.7	72.4
15	72.2	92.9	145.4	250.1	275.5	273.1	302.4	275.9	222.4	131.7	68.7	52.6
16	52.7	87.8	133.6	225.3	230.0	253.3	286.1	260.3	184.7	92.7	54.3	29.5
17	45.5	69.7	95.3	123.1	170.0	197.9	222.6	165.9	100.1	77.4	48.3	24.9
18	41.5	57.1	88.1	90.3	97.0	109.8	113.6	100.0	92.6	73.7	41.1	19.4
19	32.0	55.6	87.1	85.6	93.5	100.0	100.0	100.0	90.0	70.0	36.7	18.9
20	21.2	47.1	78.4	80.4	93.5	100.0	100.0	100.0	89.8	65.3	34.0	15.6
21	19.4	46.4	71.7	74.3	93.5	99.4	100.0	100.0	86.7	58.6	29.5	9.5
22	14.8	44.9	71.0	71.2	91.1	96.7	98.2	100.0	80.6	57.1	26.7	6.5
23	6.5	41.8	67.2	67.6	87.1	96.7	96.8	99.0	76.7	51.9	21.5	1.3
0	0.0	40.5	51.7	66.7	85.1	96.7	96.8	96.7	76.7	51.6	19.7	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	26,362	38,598	61,476	86,093	104,861	108,436	114,261	102,759	77,096	53,322	30,594	21,155

TEXAS

TX - 0% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	1.4	2.5	1.2	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	2.2	34.5	65.2	86.3	86.6	47.2	18.5	4.8	0.0	0.0
7	7.6	22.0	88.6	150.1	143.1	154.4	204.6	198.5	152.9	103.8	55.3	14.0
8	125.3	129.9	186.9	189.4	193.3	208.7	262.0	248.5	214.0	175.8	168.9	125.3
9	188.3	158.7	223.0	230.5	238.2	279.1	293.7	289.5	263.8	222.7	200.8	167.3
10	199.6	177.8	237.0	249.1	259.4	291.4	315.9	299.0	271.7	243.0	210.0	171.1
11	195.9	200.4	242.8	255.7	273.9	297.3	319.4	314.5	274.5	242.2	213.6	174.8
12	190.7	212.0	236.1	281.8	280.7	310.3	318.7	312.5	273.4	240.2	209.8	171.0
13	201.7	220.1	240.9	286.6	290.6	309.0	319.5	308.0	274.6	246.1	218.5	179.4
14	203.6	235.8	237.3	271.2	290.7	304.3	312.7	294.0	266.4	248.3	211.3	180.0
15	197.4	245.9	228.4	257.4	281.9	295.9	284.9	273.5	248.0	238.6	192.6	167.2
16	162.2	224.4	200.5	238.6	244.5	264.1	232.7	235.9	202.8	191.3	124.1	99.9
17	26.5	97.6	122.6	176.2	170.8	214.7	172.8	180.2	113.4	43.5	6.1	3.4
18	0.0	0.5	11.3	34.3	62.7	107.6	84.0	51.7	5.9	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.2	2.2	2.3	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	52,662	53,901	69,990	79,664	86,687	93,828	99,541	94,642	77,396	68,208	54,325	45,056

TX - 25% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	1.4	2.5	1.2	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	2.2	34.5	55.0	74.4	79.0	47.2	18.5	4.8	0.0	0.0
7	7.6	22.0	66.5	110.9	101.5	108.2	132.1	125.4	105.4	74.9	51.1	14.0
8	82.2	95.3	137.3	143.2	139.1	138.9	180.8	170.6	149.7	129.3	116.7	85.4
9	133.2	124.2	166.5	165.1	174.5	200.3	211.0	204.0	189.7	159.2	144.4	118.8
10	139.2	139.0	180.5	183.5	197.1	214.5	231.3	211.8	195.5	171.4	146.8	122.0
11	134.6	149.2	189.1	198.8	228.8	238.4	270.6	257.1	211.6	186.7	147.0	118.8
12	142.4	166.4	206.4	239.7	252.6	279.9	304.9	291.8	244.3	202.3	163.4	131.7
13	175.2	192.2	225.3	259.1	269.7	294.4	311.6	300.6	256.7	223.8	194.5	159.7
14	187.3	202.7	226.5	252.1	271.3	299.3	306.7	297.3	253.4	237.5	195.7	165.9
15	186.4	212.1	222.1	245.6	263.8	296.4	283.7	280.5	243.8	231.0	187.2	160.6
16	162.2	200.0	199.5	236.1	231.6	267.3	240.2	242.4	212.1	194.1	130.1	107.3
17	87.1	102.8	135.5	185.7	172.8	214.9	187.1	189.5	130.6	88.9	81.6	68.6
18	73.0	76.2	74.1	93.9	97.8	116.3	111.5	96.3	91.4	73.0	74.1	57.9
19	66.8	73.3	63.4	81.4	82.8	84.7	85.8	82.6	84.2	71.2	67.2	52.6
20	58.3	68.9	59.0	76.5	79.4	82.4	82.5	79.9	71.9	67.5	57.9	46.8
21	13.3	50.6	52.9	70.8	73.7	82.4	73.8	75.3	60.8	31.7	0.9	0.0
22	0.0	0.0	2.4	21.8	45.7	72.7	54.6	38.6	0.8	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	51,114	52,499	68,491	77,962	84,895	92,042	97,601	92,721	75,614	66,565	52,755	43,715

TX - 50% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	2.0	11.2	32.3	53.4	85.2	65.2	53.3	9.1	0.3	0.0	0.0
2	0.0	0.0	0.0	0.0	1.4	6.7	5.4	1.3	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	1.4	2.5	1.2	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	2.2	34.5	55.0	74.4	79.0	47.2	18.5	4.8	0.0	0.0
7	7.6	22.0	65.1	85.5	77.4	91.6	93.6	95.6	87.8	70.8	51.1	14.0
8	77.3	67.3	96.5	109.7	100.8	102.8	115.0	113.8	108.6	96.5	83.1	73.0
9	87.6	92.7	120.1	123.3	122.7	129.0	133.9	129.7	126.9	113.4	98.9	85.6
10	90.7	107.4	129.3	132.3	133.5	141.7	153.8	141.0	131.0	116.5	102.5	88.8
11	91.1	109.5	130.0	153.4	168.1	159.8	189.8	167.4	145.9	120.6	102.5	90.4
12	91.9	133.0	171.3	200.1	211.3	221.2	274.7	246.4	195.8	163.2	125.3	92.0
13	140.0	172.4	204.6	220.8	244.8	271.1	302.3	284.2	228.6	196.3	170.8	128.6
14	165.7	179.7	215.1	227.1	255.1	286.9	299.7	293.9	239.7	213.4	187.3	142.0
15	177.5	180.5	216.8	224.9	251.6	284.3	277.2	276.6	230.9	217.0	181.0	146.4
16	157.0	172.7	195.3	228.1	222.8	263.4	235.6	239.7	208.1	190.8	132.5	104.3
17	87.7	102.1	133.9	184.4	171.0	213.2	187.4	188.1	130.2	89.1	87.9	75.7
18	83.9	85.7	77.7	94.1	98.0	116.1	112.3	99.8	98.2	82.5	82.6	69.4
19	80.6	82.5	74.2	91.9	93.5	93.5	100.0	96.2	96.7	80.6	76.7	58.8
20	67.7	80.1	72.6	90.0	93.5	93.3	99.4	93.5	92.7	80.6	70.3	55.3
21	64.3	75.4	71.0	83.9	87.3	93.3	95.7	93.5	86.4	77.1	61.1	54.4
22	58.1	65.8	66.2	78.6	83.5	93.3	91.4	93.5	83.3	74.2	51.2	50.5
23	57.6	55.7	61.6	76.7	80.6	93.3	90.3	91.7	79.1	69.8	49.4	43.7
0	23.8	44.5	56.6	72.4	78.9	93.3	86.5	86.8	70.3	45.7	8.0	4.1
	31	28	31	30	31	30	31	31	30	31	30	31
	49,910	51,267	67,310	76,316	83,247	90,299	95,764	90,937	74,032	65,200	51,666	42,687

TX - 75% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	54.3	44.7	61.3	69.1	76.2	93.3	92.9	91.1	76.0	62.0	50.0	32.9
2	49.3	39.2	61.2	63.3	74.2	91.5	88.5	90.2	70.2	58.5	45.0	29.0
3	39.6	31.9	53.1	62.8	71.1	90.0	86.3	86.7	63.4	57.7	30.0	18.3
4	1.1	16.5	38.3	56.6	68.9	84.7	75.5	77.8	40.0	16.3	0.0	0.0
5	0.0	0.0	0.0	3.9	22.8	48.7	38.5	19.1	0.0	0.0	0.0	0.0
6	0.0	0.0	2.2	34.5	55.0	74.4	79.0	47.2	18.5	4.8	0.0	0.0
7	7.6	22.0	65.1	81.9	74.5	91.6	93.6	95.6	87.8	70.8	51.1	14.0
8	77.3	64.0	80.2	89.1	83.6	95.5	95.4	99.9	93.8	84.3	79.5	73.0
9	84.1	73.4	86.6	96.7	91.7	96.7	97.9	99.3	95.5	91.9	88.4	84.7
10	87.3	86.6	92.0	99.3	92.5	98.3	100.0	100.0	97.5	95.0	94.3	88.2
11	90.3	90.2	94.6	101.1	98.9	97.6	100.1	100.0	98.0	96.6	96.8	90.2
12	90.5	92.8	114.7	158.9	155.4	121.5	169.0	142.6	141.5	103.7	94.8	90.0
13	90.5	131.0	180.0	184.5	200.4	199.1	251.8	212.5	177.0	150.6	104.5	90.1
14	92.6	169.9	198.4	200.9	230.5	263.7	281.2	262.6	210.1	177.1	140.7	90.0
15	123.3	172.1	205.0	212.0	237.1	271.9	270.9	267.8	213.7	191.4	160.0	108.5
16	135.9	158.4	192.5	212.2	218.2	251.9	235.0	234.8	196.1	181.5	127.7	98.3
17	87.7	101.3	133.5	174.8	170.3	208.1	187.3	186.3	126.9	89.1	87.9	75.7
18	83.9	85.7	77.7	94.1	98.0	116.1	112.3	99.8	98.2	82.5	82.6	69.4
19	80.6	82.5	74.2	91.9	93.5	93.5	100.0	96.2	96.7	80.6	76.7	58.8
20	67.7	80.1	72.6	90.0	93.5	93.3	100.0	93.5	92.7	80.6	70.3	55.3
21	64.3	75.4	71.0	84.0	87.3	93.3	96.2	93.5	86.7	77.1	61.1	54.4
22	58.1	67.5	68.6	79.7	85.6	93.3	93.5	93.5	83.4	74.2	51.2	50.5
23	57.6	56.3	63.2	76.7	80.6	93.3	93.5	93.5	82.1	72.1	50.0	44.8
0	56.7	50.0	61.4	72.4	79.8	93.3	93.5	93.5	77.6	66.6	50.0	40.1
	31	28	31	30	31	30	31	31	30	31	30	31
	48,980	50,169	66,569	74,711	81,824	88,637	93,994	89,194	72,703	64,017	50,772	42,046

TX - 100% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	54.3	46.4	61.3	69.6	76.2	93.3	93.5	93.5	76.0	62.0	50.0	32.9
2	49.3	39.4	61.3	66.7	74.2	93.3	91.8	93.5	72.2	58.5	45.6	29.0
3	43.7	34.1	59.4	63.7	71.1	93.3	90.3	92.0	66.6	58.1	41.4	29.0
4	34.3	32.1	54.3	62.3	71.0	93.3	89.1	90.3	63.3	58.1	35.6	18.9
5	21.3	32.1	51.0	59.3	71.0	87.4	87.1	88.2	60.9	57.2	32.5	3.2
6	5.8	31.3	49.6	68.4	79.7	93.0	95.1	88.4	60.3	52.6	23.6	0.5
7	7.6	40.7	77.4	87.6	88.6	95.9	99.8	95.6	88.5	78.0	51.2	14.0
8	77.3	65.0	85.3	93.4	90.1	97.0	100.0	99.9	93.8	87.4	79.5	73.0
9	84.1	73.4	86.6	98.1	94.5	96.7	99.6	99.3	95.5	91.9	88.4	84.7
10	87.3	86.6	92.0	99.4	92.6	98.3	100.0	100.0	97.5	95.0	94.3	88.2
11	90.3	90.2	94.6	99.8	96.7	97.6	100.0	100.0	98.0	96.6	96.8	90.2
12	90.5	92.8	94.1	111.6	129.7	110.2	138.5	110.8	98.9	95.5	94.8	90.0
13	90.5	95.1	105.2	159.8	168.9	165.9	215.8	163.2	130.4	99.7	97.4	90.1
14	92.4	102.4	158.8	180.3	196.7	236.5	249.9	225.0	167.4	125.9	97.4	88.1
15	92.3	143.6	190.6	183.8	221.5	262.0	256.6	245.8	196.3	154.8	104.3	87.0
16	91.4	154.7	189.2	192.4	212.2	247.7	228.9	225.5	186.3	154.2	108.5	83.7
17	87.7	101.0	133.3	165.0	167.6	203.8	186.6	178.7	126.3	89.1	87.9	75.7
18	83.9	85.7	77.7	94.1	99.0	115.7	112.3	99.8	98.2	82.5	82.6	69.4
19	80.6	82.5	74.2	91.9	93.5	93.5	100.0	96.2	96.7	80.6	76.7	58.8
20	67.7	80.1	72.6	90.0	93.5	93.3	100.0	93.5	92.7	80.6	70.3	55.3
21	64.3	75.4	71.0	85.6	87.3	93.3	97.3	93.5	86.7	77.1	61.1	54.4
22	58.1	67.5	68.6	82.2	85.6	93.3	94.9	93.5	86.7	74.2	51.2	50.5
23	57.6	56.3	66.0	78.6	80.6	93.3	93.5	93.5	82.7	72.3	50.0	44.8
0	56.7	50.0	61.9	72.4	79.8	93.3	93.5	93.5	77.6	67.7	50.0	40.1
	31	28	31	30	31	30	31	31	30	31	30	31
	48,628	49,245	66,211	73,676	81,268	88,229	93,440	88,461	71,985	63,543	50,127	41,902

UTAH

UT - 0% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	3.7	11.4	3.3	0.2	0.0	0.0	0.0	0.0
6	0.0	0.0	1.1	30.7	87.2	134.6	93.3	45.0	11.8	1.0	0.0	0.0
7	0.0	4.2	50.2	178.8	237.5	267.3	235.5	202.5	139.9	66.2	7.5	0.1
8	27.9	76.3	166.6	268.4	272.7	288.4	290.4	290.1	272.1	226.2	114.0	35.1
9	126.9	176.9	241.2	285.7	285.0	289.6	305.3	292.6	295.6	267.1	202.5	127.0
10	161.8	216.4	258.9	290.2	298.8	299.3	303.0	303.7	291.7	263.1	195.3	147.4
11	165.2	217.1	259.6	286.8	301.1	301.0	312.4	308.1	288.6	248.7	192.2	149.1
12	162.8	212.1	256.6	280.1	289.0	301.2	314.3	308.7	282.1	243.5	189.3	148.3
13	172.2	201.2	256.5	256.1	298.7	307.1	311.4	306.4	292.8	251.5	188.8	149.7
14	175.8	199.8	250.1	261.6	300.5	311.4	304.5	305.4	290.2	246.9	182.7	158.0
15	156.6	195.6	236.0	251.5	286.3	296.3	285.8	269.6	281.3	230.5	151.9	136.8
16	63.7	147.5	205.9	222.0	265.3	290.4	261.0	250.1	256.9	137.3	37.9	23.5
17	3.0	29.5	89.0	152.4	203.2	258.2	230.0	200.5	111.3	15.1	0.4	0.0
18	0.0	0.1	6.3	31.1	80.0	134.7	109.5	61.0	7.2	0.0	0.0	0.0
19	0.0	0.0	0.0	0.1	4.6	15.7	10.7	1.8	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	37,692	46,944	70,617	83,871	99,625	105,198	104,482	97,519	84,645	68,110	43,871	33,327

UT - 25% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	3.7	11.4	3.3	0.2	0.0	0.0	0.0	0.0
6	0.0	0.0	1.1	30.7	69.3	88.0	81.2	45.0	11.8	1.0	0.0	0.0
7	0.0	4.2	49.0	120.6	172.4	197.2	173.8	134.4	96.3	60.9	7.5	0.1
8	27.9	62.3	120.7	202.2	202.9	212.5	214.4	214.1	200.0	160.1	80.7	35.1
9	88.4	127.6	179.7	214.6	216.0	215.3	226.8	217.1	220.0	196.0	140.2	86.8
10	111.1	158.5	188.8	218.4	224.7	237.1	224.9	226.7	218.7	189.8	134.0	102.6
11	110.7	155.6	193.2	233.5	258.8	275.9	266.7	254.5	225.0	180.1	127.8	98.8
12	107.3	151.4	201.4	259.6	268.8	291.6	300.1	295.6	259.5	203.3	132.0	97.7
13	121.3	166.1	228.0	246.2	289.3	302.7	306.4	300.4	281.8	234.1	163.9	110.4
14	154.2	190.8	233.9	256.9	290.8	306.3	304.0	303.5	283.1	241.2	174.7	132.6
15	143.5	189.5	233.8	251.9	283.4	293.3	287.2	272.3	280.2	225.0	158.3	120.2
16	95.3	155.4	206.8	222.9	267.5	288.4	262.5	258.6	259.9	144.4	88.8	79.8
17	72.4	90.1	115.9	162.7	209.9	259.4	234.6	202.9	129.6	86.6	72.0	60.1
18	60.3	65.5	83.8	94.4	105.5	142.8	128.6	98.9	85.2	76.0	63.9	57.7
19	51.6	58.2	74.0	77.3	85.9	96.0	89.9	80.0	77.7	74.6	49.3	48.5
20	27.2	45.5	68.3	73.6	80.4	81.3	77.1	73.6	75.8	65.4	21.0	3.6
21	0.0	10.3	45.5	60.9	73.2	79.8	73.0	73.4	59.9	3.5	0.0	0.0
22	0.0	0.0	0.0	13.1	53.9	69.5	59.4	38.1	0.6	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	36,307	45,665	68,941	82,186	97,845	103,483	102,739	95,766	82,947	66,406	42,424	32,054

UT - 50% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	0.0	0.0	0.0	2.9	31.4	56.0	44.9	18.1	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	3.7	11.4	3.3	0.2	0.0	0.0	0.0	0.0
6	0.0	0.0	1.1	30.7	69.3	87.8	81.2	45.0	11.8	1.0	0.0	0.0
7	0.0	4.2	49.0	90.2	120.5	134.2	116.2	97.7	89.9	60.9	7.5	0.1
8	27.9	60.7	85.5	139.3	140.0	142.4	144.2	143.4	131.6	108.8	79.4	35.1
9	77.0	89.9	126.3	145.6	147.9	147.3	151.8	147.7	148.6	132.7	94.3	74.0
10	86.3	105.8	132.3	147.1	150.1	150.6	150.4	151.8	151.0	126.2	95.7	85.5
11	91.6	104.7	134.6	165.5	203.6	235.0	210.9	183.7	152.3	117.7	95.9	89.9
12	95.3	99.8	156.6	238.8	244.1	275.7	275.2	269.3	225.3	154.8	95.9	92.8
13	97.1	132.9	200.1	235.3	276.9	294.9	299.2	288.2	265.5	215.2	108.0	91.5
14	107.7	173.1	219.4	246.2	281.0	298.9	299.8	296.5	274.8	226.2	138.1	90.5
15	113.5	181.7	219.7	248.8	274.1	286.6	287.1	270.6	270.8	219.4	148.4	91.3
16	95.7	152.1	201.4	220.8	262.7	284.3	262.4	258.4	257.2	141.8	90.6	80.5
17	88.5	92.1	116.1	161.1	206.4	258.9	234.6	202.8	131.1	95.3	90.0	74.5
18	77.4	80.1	95.3	97.9	105.6	142.9	128.9	99.4	96.7	93.5	76.9	71.4
19	64.6	73.6	91.5	96.7	100.0	100.0	97.8	96.8	96.7	93.5	71.8	56.4
20	49.8	69.3	87.4	96.7	100.0	100.0	96.8	96.8	96.7	89.5	66.9	42.3
21	41.1	66.3	86.5	95.2	100.0	100.0	96.8	96.8	93.1	86.2	61.0	26.6
22	25.3	59.5	79.1	89.2	98.2	98.6	96.8	96.2	90.0	81.6	49.6	11.6
23	7.1	44.1	66.3	81.7	96.8	96.7	94.4	90.7	87.2	47.7	5.8	0.0
0	0.0	2.6	29.1	53.0	86.3	91.2	86.4	88.9	40.4	0.6	0.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	35,526	44,588	67,498	80,481	96,051	101,802	101,039	94,200	81,323	64,874	41,272	31,432

UT - 75% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	1.6	42.7	69.2	78.4	96.8	93.3	93.5	100.0	83.3	68.1	21.5	0.0
2	0.0	38.2	62.3	74.4	90.9	93.3	93.5	94.6	80.0	60.6	5.8	0.0
3	0.0	7.0	39.8	62.5	85.9	90.4	89.8	93.5	56.3	3.2	0.0	0.0
4	0.0	0.0	0.0	9.1	49.4	75.5	65.0	36.7	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	3.7	11.4	3.3	0.2	0.0	0.0	0.0	0.0
6	0.0	0.0	1.1	30.7	69.3	87.8	81.2	45.0	11.8	1.0	0.0	0.0
7	0.0	4.2	49.0	86.2	92.4	96.0	91.4	95.1	89.9	60.9	7.5	0.1
8	27.9	60.7	76.2	93.9	95.9	96.3	98.8	96.7	95.9	94.6	79.4	35.1
9	77.0	78.2	93.4	98.2	97.5	97.3	99.2	98.5	99.4	97.8	90.2	74.0
10	86.2	89.4	97.8	98.8	99.0	98.8	99.1	100.0	100.0	99.0	95.4	85.5
11	91.6	94.6	99.5	98.8	117.4	140.2	107.9	100.0	100.0	97.5	95.9	89.9
12	95.3	94.7	100.9	170.4	212.7	240.2	227.3	190.5	138.0	102.3	95.9	92.8
13	97.1	95.3	159.8	219.1	246.7	276.7	267.7	259.8	238.2	138.7	95.1	91.5
14	99.1	106.7	194.2	242.6	269.9	288.2	292.9	278.7	267.5	192.5	92.9	90.5
15	96.9	146.7	204.2	240.6	265.3	283.8	286.4	261.5	267.0	203.9	95.9	90.3
16	95.7	140.9	193.3	214.0	251.9	282.2	262.4	257.0	244.8	138.0	90.6	80.5
17	88.5	92.1	115.0	158.3	200.3	255.6	234.6	202.6	128.3	95.3	90.0	74.5
18	77.4	80.1	95.3	97.9	105.3	142.9	128.9	99.4	96.7	93.5	76.9	71.4
19	64.6	73.6	91.5	96.7	100.0	100.0	97.8	96.8	96.7	93.5	71.8	56.4
20	49.8	69.3	87.4	96.7	100.0	100.0	96.8	96.8	96.7	89.5	66.9	42.3
21	41.1	66.3	86.6	96.7	100.0	100.0	96.8	96.8	94.1	86.2	62.1	26.6
22	25.5	63.2	82.1	91.8	100.0	100.0	96.8	96.8	90.3	83.9	52.9	12.5
23	17.4	60.7	74.0	86.7	97.7	97.1	96.8	96.8	90.0	79.7	44.1	0.0
0	6.6	51.6	71.0	86.5	96.8	93.5	96.7	100.0	85.7	72.7	37.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	35,321	43,573	66,452	78,868	94,384	100,211	99,345	92,807	79,517	63,626	41,033	31,428

UT - 100% BESS												
Hour Ending	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	10	11	12
1	1.6	42.7	69.2	78.4	96.8	95.5	96.1	100.0	83.3	68.1	21.5	0.0
2	0.0	39.3	62.9	76.7	94.0	93.3	93.5	100.0	80.9	67.7	9.8	0.0
3	0.0	36.0	58.5	74.1	90.3	93.3	93.5	99.2	78.9	63.4	3.3	0.0
4	0.0	25.8	58.1	71.9	90.3	90.6	93.5	94.7	76.7	58.6	2.4	0.0
5	0.0	16.2	56.4	65.4	85.6	91.2	93.6	93.5	73.4	47.2	0.0	0.0
6	0.0	1.7	46.2	73.1	91.7	97.2	96.8	94.0	69.5	10.3	0.0	0.0
7	0.0	4.2	50.9	92.7	94.1	100.0	96.3	95.8	90.8	60.9	7.5	0.1
8	27.9	60.7	76.2	93.9	95.9	99.6	100.0	96.7	95.9	94.6	79.4	35.1
9	77.0	78.2	93.4	98.2	97.5	98.4	99.6	98.5	99.4	97.8	90.2	74.0
10	86.2	89.4	97.8	98.8	99.0	98.8	99.1	100.0	100.0	99.0	95.4	85.5
11	91.6	94.6	99.5	98.8	100.0	99.3	99.2	100.0	100.0	97.5	95.9	89.9
12	95.3	94.7	100.0	98.9	139.3	192.2	147.1	106.4	99.6	99.7	95.9	92.8
13	97.1	95.1	100.0	130.1	199.7	248.2	238.5	178.7	103.2	98.9	95.1	91.5
14	99.1	95.9	111.4	199.3	243.9	271.3	256.8	248.4	180.0	106.3	92.9	90.5
15	96.9	97.0	166.4	213.5	256.8	279.8	271.1	246.9	245.1	137.8	92.0	90.3
16	95.7	101.3	176.8	209.4	243.3	278.2	259.1	236.0	240.4	123.2	90.6	80.5
17	88.5	92.1	112.5	156.3	194.1	255.5	234.1	196.6	128.1	95.3	90.0	74.5
18	77.4	80.1	95.3	97.9	105.2	142.9	128.9	99.4	96.7	93.5	76.9	71.4
19	64.6	73.6	91.5	96.7	100.0	100.0	97.8	96.8	96.7	93.5	71.8	56.4
20	49.8	69.3	87.4	96.7	100.0	100.0	96.8	96.8	96.7	89.5	66.9	42.3
21	41.1	66.3	86.6	96.7	100.0	100.0	96.8	96.8	95.4	86.2	62.1	26.6
22	25.5	63.2	82.1	91.8	100.0	100.0	96.8	96.8	90.3	83.9	52.9	12.5
23	17.4	60.7	74.0	86.7	100.0	97.1	96.8	96.8	90.0	79.7	44.1	0.0
0	6.6	51.6	71.0	86.5	99.0	96.7	96.8	100.0	85.7	72.7	37.0	0.0
	31	28	31	30	31	30	31	31	30	31	30	31
	35,321	42,831	65,841	77,475	93,514	99,571	98,539	92,029	77,899	62,782	41,210	31,428