**STATE OF INDIANA**

**INDIANA UTILITY REGULATORY COMMISSION**

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| **VERIFIED PETITION OF DUKE ENERGY INDIANA, LLC REQUESTING THE INDIANA UTILITY REGULATORY COMMISSION TO DECLINE ITS JURISDICTION OVER, OR OTHERWISE APPROVE AN ALTERNATIVE REGULATORY PLAN FOR THE OFFERING OF A PREPAID ADVANTAGE PILOT PROGRAM APPLICABLE TO RESIDENTIAL CUSTOMERS PURSUANT TO IND. CODE §§ 8-1-2.5-5 AND 8-1-2.5-6** | **) ) ) ) ) ) ) CAUSE NO. 45193 ) ) ) ) )** |

**PROPOSED ORDER**

**Presiding Officers:**

**David E. Ziegner Commissioner**

**Lora R. Manion, Administrative Law Judge**

On January 31, 2019, Duke Energy Indiana, LLC (“Duke Energy Indiana” or “Petitioner”) filed its Petition with the Indiana Utility Regulatory Commission (“Commission”) seeking Commission declination of jurisdiction or approval of an Altneratie Regulatory Plan (“ARP”) for a voluntary Prepaid Advantage pilot program, (“*Prepaid Advantage*” or “*Pilot*”), as requested under applicable Indiana law. On February 1, 2019, Petitioner filed its case-in-chief in this Cause, consisting of the direct testimony and exhibits of Joseph R. Thomas, Director of Enhanced Customer Solutions for Duke Energy Business Services LLC. On April 15, 2019, the Indiana Office of Utility Consumer Counselor (“OUCC”) submitted the testimony of John E. Haselden, Senior Utility Analyst in the OUCC’s Electric Division. The Citizens Action Coalition of Indiana, Inc. (“CAC”) submitted the testimony of Kerwin Olson on April 15, 2019. Duke Energy Indiana filed the rebuttal testimony and exhibits of Mr. Thomas on May 6, 2019.

Pursuant to notice, as required by law, proof of which was incorporated into the record by reference and placed in the official files of the Commission, an evidentiary hearing was held in this Cause on May 21, 2019 at 9:30 a.m., PNC Center, 101 W. Washington Street, Indianapolis, Indiana. Petitioner, OUCC, and CAC appeared and participated at the hearing, and the parties’ pre-filed evidence was offered and admitted into evidence without objection.

Based on the applicable law and evidence presented herein, the Commission now finds as follows:

1. **Notice and Jurisdiction**. Notice of the hearing in this Cause was given and published by the Commission as required by law. Duke Energy Indiana is a public utility under Indiana Code § 8-1-2-1, *et seq*., and is subject to the jurisdiction of this Commission as provided in the Public Service Commission Act, as amended. In its Petition, Duke Energy Indiana indicated that it has elected to be subject to the provisions of Indiana Code §§ 8-1-2.5-5 and 8-1-2.5-6 (“Alt. Reg. Statute”) for purposes of declination of Commission jurisdiction, over *Prepaid Advantage*, and for authority to waive customer rules, 170 IAC 4-1-13(a) 1-11 and (c), 170 IAC 4-1-15, and 170 IAC 4-1-16, for customers that participate in the *Pilot*. Thus, Duke Energy Indiana’s verified petition, testimony, and exhibits submitted constitute Duke Energy Indiana’s proposed ARP for purposes of this proceeding.
2. **Petitioner’s Characteristics.** Duke Energy Indiana is an Indiana limited liability corporation with its principal office in the Town of Plainfield, Hendricks County, Indiana. Duke Energy Indiana is engaged in the business of generating and supplying electric utility service to more than 827,000 customers located in 69 counties in the central, north central, and southern parts of Indiana.
3. **Relief Requested**. Duke Energy Indiana requested declination of jurisdiction or approval of its ARP for the voluntary *Prepaid Advantage* program, approving Petitioner’s *Prepaid Advantage* pilot program for a period of eighteen (18) months=*.* Petitioner also requests a waiver from essential customer protections embodied in 170 IAC 4-1-13(a) 1-11 and (c), 170 IAC 4-1-15, and 170 IAC 4-1-16, for customers that participate in the *Pilot.*
4. **Petitioner’s Case-in-Chief.** Mr. Thomas presented the Company’s ARP. He described the *Prepaid Advantage* proposed pilot program, explaining that it is a voluntary payment option that offers residential customers the convenience of making payments at any time in any dollar amount to prepay for their electricity usage and participating customers are not required to pay a deposit to enroll. He testified that the *Pilot* is designed to give customers the control and flexibility to make payments to their account before using electricity and the amount a customer pays determines how much electricity the customer uses before they need to add funds to the account. To participate, Mr. Thomas explained, customers must have a smart meter[[1]](#footnote-1) and an email address on file, which will allow customers to monitor their accounts and view how many days of electric usage are remaining.

Mr. Thomas testified that Duke Energy Indiana proposed to offer this *Pilot* because customers want more options and *Prepaid Advantage* is one more option in the existing suite of Duke Energy Indiana payment options.[[2]](#footnote-2) Mr. Thomas testified that the *Pilot* as proposed will last for eighteen months with a maximum of 4,000 customers. Company personnel will gauge customer interest and make enhancements to a possible permanent offering to all customers.

Mr. Thomas testified that customers who enroll in the *Pilot* program can log into the *Prepaid Advantage* customer portal (via desktop or smartphone) to view their electricity usage and account balance as often as they choose. Additionally, Petitioner will notify customers when there are five, three and one-day(s) worth of electricity usage remaining on the account. Customers have the option to customize low balance notifications to select different thresholds[[3]](#footnote-3) and communications channels.[[4]](#footnote-4)

Mr. Thomas explained the *Pilot* will be available to customers in Duke Energy Indiana’s service territory who are residential customers, who have Duke Energy Indiana-installed smart meters, and are not enrolled in other billing programs.[[5]](#footnote-5) In addition, customers designated with critical electric needs[[6]](#footnote-6) will not be eligible to participate in the *Pilot*. He explained that a smart meter enables customers and Duke Energy Indiana to monitor usage daily, and allows the customer to be disconnected/reconnected remotely.

Mr. Thomas testified that in the summer and winter months an internal moratorium on disconnections is initiated for a limited time when weather is extremely hot or cold. During this *Pilot* period, if a participating customer becomes eligible for the low-income heating assistance program (“LIHEAP”), Duke Energy Indiana would remove the customer from the *Prepaid Advantage* tariff and the customer will revert to a post pay account for the winter moratorium period to ensure continuity of service. Disconnections would not occur for customers who qualify for the statutory winter disconnect moratorium.

Mr. Thomas testified the Company plans to market the *Pilot* to new and existing eligible customers through direct mail, electronic mail and the Duke Energy Customer Care Center.

Mr. Thomas testified that there is no monthly fee to participate in the *Pilot*. He discussed the payment requirements and disconnection process for the *Pilot*. To enroll in the program, eligible residential customers must make an initial payment of at least $40. Mr. Thomas testified that if a customer exits *Prepaid Advantage* and return to a post-pay account, a deposit may be required. Customers who have an outstanding balance up to $500 will be allowed to participate in the *Pilot* and 25 percent of a given payment will be apportioned to the outstanding balance with 75 percent to fund on-going usage until the outstanding balance is paid in full. Mr. Thomas explained that based on the amount of electricity used by customers, the prepaid balance draws down the account balance from the amount paid daily based on a daily meter reading. At the end of the monthly billing cycle, Petitioner will confirm that the energy charges comply with the existing rate by comparing the amount charged to the amount of record in the Duke Energy customer billing system. Mr. Thomas testified that if there is a difference, the Company would adjust the customer’s *Prepaid Advantage* account to ensure that the customer had paid the correct tariffed amount. Customers will be able to view any adjustment to their bill via the customer portal.

Mr. Thomas testified that if a customer pays by check, cash or bank transfer, the customer will incur no additional charges. Customers who choose to pay by credit card can make one payment per month and not incur additional fees by paying through the Prepaid Advantage Customer portal. Subsequent credit card payments beyond one a month will incur a $1.50 pass through charge.

Mr. Thomas explained that when a customer has a zero balance on their account, the Company will communicate to the customer via the customer’s chosen method. Customers can make a payment or the customer can set up automatic payments. Mr. Thomas stated that if the customer has set up an automatic payment for any time the account is drawn down, then the Company will withdraw the preauthorized amount to fund the account. If the customer has not set up an automatic payment option and does not make a payment, then the customer will be remotely disconnected the following business day after registering a zero-account balance. Mr. Thomas testified that participating customers will have at least until the next business day after the balance reaches zero, before they are disconnected. Once a customer has added additional funds to his/her account, registering a positive balance, a reconnect order will be initiated and service will be remotely reconnected.[[7]](#footnote-7) Customers enrolled in the *Pilot* will not be charged a reconnection fee.

Mr. Thomas described focus groups that were conducted on November 7, 2018 by the Julian Group to gauge interest and collect customer insights into whether additional payment options were desired. The sessions were observed by Duke Energy personnel and members of the OUCC and a summary was provided as Petitioner’s Exhibit 1-B.

Mr. Thomas explained that this proposal is being filed under the Alternative Utility Regulation (“AUR”) provisions of the Alt. Reg. Statute to provide certain, limited flexibility to Petitioner in operating this program. The *Pilot* as designed requires the waiver of certain Commission rules relating to monthly billing, creditworthiness of customers and those regarding disconnecting and reconnecting to service. Mr. Thomas testified that Petitioner is requesting a waiver from the following Commission’s rules:

1. 170 IAC 4-1-13(a) 1-11 and (c): (billing) - This rule requires a utility to render periodic bills for electric services and prescribes information to be included on the monthly bill. Because the *Pilot* offers daily information and customers pay in advance of usage, a monthly bill is no longer needed;
2. 170 IAC 4-1-15: (creditworthiness of customers, deposits, refunds) – This rule gives latitude to utilities as to when to charge a deposit, and in *Prepaid Advantage*, there are no deposit requirements for enrolled customers;
3. 170 IAC 4-1-16: (disconnection of service; prohibited disconnections; reconnection) – The rule establishes timelines and time periods regarding connections and disconnections and because customers have prepaid and can monitor usage, customers can be disconnected the day after the balance reaches $0.00 and reconnected when they have a positive balance.

Mr. Thomas explained that Duke Energy Indiana is requesting the Commission to approve an ARP or otherwise decline its jurisdiction over this voluntary *Pilot* offering to the extent required for the Company to offer a *Prepaid Advantage* pilot program to its residential customers. Mr. Thomas testified that public interest is served by approval of this option because there are technological and competitive forces that render Commission jurisdiction unnecessary, and this option provides benefits to the Company, its customers, promotes energy utility efficiency, and allows Petitioner to effectively compete with providers of functionally similar services.

**5. OUCC and Intervenor Testimony.** Mr. Haselden testified on behalf of the OUCC and recommended that the Commission deny Duke Energy Indiana’s request because the Company failed to meet its burden of proof satisfying the criteria outlined in the ARP statute and that the public interest requirements haven’t been met. Mr. Haselden addressed the estimated $2.2 million cost to implement the pilot and that no evidence was provided indicating the benefits of the program outweigh the costs. Mr. Haselden explained that he attended two of the three focus groups and did not come to the same conclusions as reported in the Julian Group’s report, Pet. Ex. 1-B and that 21 participants in the focus groups is not a significant sample size and should not be considered indicative of the preferences of the Company’s 715,000 residential customers.

Mr. Olson provided testimony on behalf of the CAC and expressed the following concerns with the *Pilot*: Prepaid service is concentrated among lower-income households, necessitating more robust consumer protections for participants; prepaid electric service rates and fees are typically equal to or higher than rates for customers on traditional billing and payment; participants typically struggle to make numerous payments monthly to stay connected to basic service, often incurring multiple transaction charges; prepaid participants experience higher rates of disconnections than customers on regular service; and unwanted disconnection from electric utility services poses a heightened risk to health, safety, and household security.

Mr. Olson discussed the proposed notification protocols and that it was possible participants will not receive electronic notifications of credit balances and other important account information, should participants lose access to cell phone service or internet access. He also testified that the California Public Utilities Commission rejected San Diego Gas and Electric Company’s prepaid service program due in large part to a notification flaw.

Next, Mr. Olson testified regarding various prepaid service programs in the United States, Great Britain, and New Zealand and that participants in a prepaid service are typically low or moderate-income customers, many of whom are at risk of disconnection for non-payment. He explained that prepaid programs in the U.S. tend to be concentrated in service territories not subject to full regulatory jurisdiction of state utility commissions and that investor owned utilities are now beginning to examine and implement these programs, such as Arizona Public Service (“APS”) in Arizona, Westar Energy (“Westar”) in Kansas, and DTE Energy in Michigan. He discussed each of these programs.

Mr. Olson also discussed the Duke Energy Carolina prepaid pilot and concluded that participation was concentrated among low-and moderate-income households for prepaid programs, and that elevated rates of service disconnection, which create hardships for those households to maintain essential and affordable utility service.

Next, Mr. Olson discussed the National Association of State Utility Consumer Advocates (“NASUCA”) Resolution 2011-3 urging states to require consumer protections as a condition for approval of prepaid residential gas and electric service and encouraged the Commission to heed this advice, deny the *Pilot* as proposed and order the Company to make the following modifications to its program to ensure consumer protections:

1. All regulatory consumer protections and programs regarding disconnection limitations or prohibitions, advance notice of disconnection, premise visits, availability of payment plans or deferred payment agreements, availability of bill payment assistance or arrearage forgiveness, and billing disputes are maintained or enhanced;
2. In the event that the billing credits of a customer receiving prepaid residential electric or natural gas service are exhausted, the customer shall be given a reasonable disconnection grace period, after which the customer shall revert to traditional, credit-based service, subject to all rules and customer protections applicable to such service;
3. Prepayment households include no one who is:
4. income-eligible to participate in the federal LIHEAP; or
5. protected under state law from disconnection for health or safety reasons;
6. Prepaid service is only marketed as a purely voluntary service and is not marketed to customers facing imminent disconnection for non-payment;
7. Utilities offering prepaid service also offer effective bill payment assistance and arrearage management programs for all customers, including customers with arrearages who choose prepayment service;
8. Rates for prepaid service are lower than rates for comparable credit-based service, reflecting the lower costs associated with reduced cash working capital requirements, uncollectible amounts and shareholder risk affecting a utility’s return on equity;
9. Utilities demonstrate the cost effectiveness of any proposed prepaid service offerings through a cost versus benefit analysis and reveal how costs will be allocated among various classes of customers;
10. Prepayment customers are not subjected to any security deposits or to additional fees of any kind, including but not limited to initiation fees or extra fees assessed at any time customers purchase credits;
11. Utilities ensure there are readily available means for prepayment customers to purchase service credits on a 24-hour a day, seven-day a week basis;
12. Prepayment customers can return to credit-based service at no higher cost than the cost at which new customers can obtain service;
13. Payments to prepaid accounts are promptly posted to a customer’s account so as to prevent disconnection or other action adverse to the customer under circumstances in which the customer has in fact made payment; and
14. Adequate financial mechanisms are developed and in place within the state to guarantee that funds prepaid by customers are returned to the customers who prepaid them if and when a company becomes insolvent, goes out of business or is otherwise unable to provide the services for which the funds were prepaid

Mr. Olson testified that should the Commission approve this program, the CAC would suggest tracking and reporting metrics monthly to include: number of customers; number of customers with arrears of 30 days or more; dollar value of arrears; number of disconnection notices sent; number of service disconnections for non-payment; number of service reconnections after disconnection for non-payment; number of new payment agreements entered into; number of payment agreements successfully completed; number of failed payment agreements; the length of each disconnection, and the customer’s zip code. Additionally, Mr. Olson proposed an annual report that provides the number of customers who enroll in the *Prepaid Advantage* program who came to the program as a new utility customer or an existing customer. If an existing customer enrolls, CAC proposes that Duke Energy Indiana report whether that customer has an outstanding arrearage or not and details of the arrearage. Mr. Olson also proposed the Petitioner report whether participating customers had a pending disconnection notice or had been previously disconnected. Finally, he proposed that the annual report provide information by customer, the number of times per month a customer pays by phone, pays online, pays at a kiosk, pays with a third party, or other accepted payment methods.

Mr. Olson testified that prior to the implementation of the *Pilot*, Duke Energy Indiana should present a plan for evaluation that includes the cost effectiveness of *Prepaid Advantage* and consumer protections for participants, including an understanding of what happens when billing credits are exhausted.

1. **Rebuttal Testimony.** Mr. Thomas provided rebuttal testimony responding to the testimonies of the OUCC and CAC.

Mr. Thomas first addressed Mr. Haselden’s contention that Duke Energy Indiana failed to satisfy the criteria set out in IC § 8-1-2.5-5(b). He testified that the Alt. Reg. statute does not require the utility requesting approval to bear the burden of proving all four of these items, but that “the commission shall consider the following:”[[8]](#footnote-8) (*emphasis added*). Mr. Thomas testified that the petition and his direct testimony addressed these four items for the Commission’s consideration and the Commission must determine whether Petitioner’s Alt. Reg plan is in the public interest.

Mr. Thomas first addressed Mr. Haselden’s statement that the *Pilot* is not in the public interest. He explained that the proposed voluntary *Pilot* program will allow customers to decide whether the program is in their best interest and customers may come and go from the *Pilot* without penalty. To support his contention that the *Pilot* is in the public interest, Mr. Thomas testified that programs sponsored by other utilities have demonstrated improved customer satisfaction, elimination of deposit payments, a reduction in uncollected charges, a reduction in reconnection fees, reduction in late payment charges, and a significant reduction in customer usage for participating customers.

Mr. Thomas explained how the *Pilot* meets the requirements of Ind. Code § 8-1-2.5-5(b)(1)). He testified that technological conditions have changed with the advent of smart meters, rendering certain Commission rules regarding monthly billing, creditworthiness and disconnection and connection for *Pilot* participants unnecessary. Because the nature of the *Pilot* does not align well with the requirements of the cited rules, the Company is requesting a waiver of 170 IAC 4-1-13(a) 1-11 and (c), 170 IAC 4-1-15, and 170 IAC 4-1-16. He testified that the *Pilot* utilizes several technological advances to respect the spirit of the rules. For example, rather than receiving a monthly printed bill, customers will be able to log onto the customer portal any time and view usage and charges. Real-time payments result in faster times to reconnect service and electronic communication channels provide proactive and timely communication of account balances or pending disconnections. Mr. Thomas testified that *Pilot* participants will not be charged deposits. In fact, the Company will not extend any credit to *Pilot* participants, thus rendering the need for a credit check or deposit unnecessary. Because the *Pilot* provides for disconnection when an account balance is zero, rather than accumulation of unpaid amounts, non-participant customers are not negatively impacted by the occurrence of bad debt.

Mr. Thomas disagreed with Mr. Haselden’s assertion that the Company did not demonstrate the benefits of the program in accordance with IC § 8-1-2.5-5(b)(2)). He explained that the *Pilot* will be beneficial to Duke Energy Indiana, its customers and the state of Indiana. The benefits will primarily derive from offering a new payment option with two key benefits: the elimination of deposits and the extension of credit, as well as, the expected average 8.5% reduction in usage by participants. All Indiana residents will also receive an environmental benefit due to the expected reduction in usage by *Pilot* participants

# Mr. Thomas stated that customers who choose to participate in the *Pilot* will benefit because new customers who would otherwise fail a creditworthiness check, will not need to pay a deposit to start service and existing customers who have a deposit will be able to apply the deposit to pay for electricity charges. Participants with a history of regular disconnections will not have to pay a $25 connection fee to reconnect service. Mr. Thomas testified that

# participants in other utilities prepay programs have experienced higher levels of customer satisfaction, including 82% of Arizona Public Service’s participants had a positive rating of their prepay program and, on average, customers in the Duke Energy South Carolina pilot experienced an approximate 8.5% reduction in electricity usage (based on internal findings without a formal 3rd party Evaluation, Measurement, and Verification study) He stated that a similar reduction in Duke Energy Indiana would equal approximately $130 in savings per year for the average residential customer.

Mr. Thomas also testified that non-participants in the *Pilot* benefit because the expected reduction in usage should slow peak electricity demand growth, resulting in lower investments in generating and transmission capacity necessitating rate increases. Other benefits for non-participants is the reduction in Petitioner’s operating expenses, particularly the reduction in uncollectable charges that will result in fewer costs to be supported by the rate base and shorter call center wait times due to reduction in inbound calls.

Mr. Thomas testified that the *Pilot* addresses how a declination of jurisdiction will promote energy utility efficiency (IC § 8-1-2.5-5(b)(3)) He testified that Duke Energy Indiana hopes to learn about efficiencies that can accrue from a prepaid program and that based on experience in South Carolina and research, he believes many efficiencies will be achieved from the *Pilot*, including a reduction in uncollectable charges, collections expenses, administrative fees, and interest payments for deposits.

Mr. Thomas also addressed the OUCC’s testimony regarding the costs to implement the *Pilot*. He stated that Petitioner is not requesting recovery of these costs in this proceeding and thus these concerns are not relevant to this proceeding, but stated the costs to implement the program is estimated at $1 million per year through 2022 due to third-party vendor software costs.

As to the last factor in IC § 8-1-2.5-5(b), Mr. Thomas explained that Petitioner may be inhibited from competing with providers of functionally similar energy services such as unauthorized third-party billing agents if the Commission does not decline jurisdiction for the rules stated above.

Mr. Thomas discussed the focus groups of Duke Energy Indiana customer hosted in Indianapolis by the Company and facilitated by the Julian Group. In addition to other Duke Energy employees, Mr. Thomas was in attendance along with two members of the OUCC, who attended portions of the focus groups. He testified that he would characterize the focus groups as viewing a prepay option positively, as long as it is voluntary. Mr. Thomas emphasized that contrary to Mr. Haselden’s assessment that the focus group participants found the program lacked benefits, participants were asked to list aspects of the program they liked and most participants cited three or more aspects of the program which provided benefit. The Julian Group concluded that *Prepaid Advantage* was a viable billing and payment option by the focus group participants, with a majority agreeing the program “might be” or “would definitely be” right for them.[[9]](#footnote-9) Mr. Thomas stated that these results align with those in South Carolina.

Next, Mr. Thomas addressed Mr. Olson’s objections to the *Prepaid Advantage* pilot program, specifically Mr. Olson’s concerns that participation will be concentrated among low-income households. He responded that the Company does not intend to market the program to any specific population. To the extent low-income households choose to participate those households are likely to derive financial benefit from the program because it eliminates the need for a deposit payment to begin service, elimination of late payment charges, elimination of reconnection fees. The *Pilot* also provides for existing customers to use their previously paid deposit to pay for electricity charges, one free credit card payment per month, and the potential reduction in electricity usage and corresponding charges.

Mr. Thomas responded to Mr. Olson’s concern that prepaid programs typically have higher rates and fees. He stated that this wasn’t true for the *Pilot* and that customers will not incur additional costs to participate in the program. *Pilot* participants and can make one fee-free credit card transaction per month, whereas customers who do not participate in the *Pilot* incur a transaction fee for all credit card payments. Additionally, participating customers will not incur late payment charges and reconnection charges. Mr. Thomas explained that under no circumstances will customers be charged higher rates.

Mr. Thomas addressed Mr. Olson’s concern that customers enrolled in prepaid programs typically struggle to make numerous payments a month. He explained that experience in South Carolina suggests that customers make more frequent payments in smaller amounts and that the average payment amount in the Company’s South Carolina prepay program was $40. The Indiana *Pilot* is designed so that all households have the flexibility to pay whatever and whenever a customer chooses, without incurring higher fees. Mr. Thomas discussed that the Arizona Public Service prepay program found that payment flexibility allowed fewer low-income households to forego other critical purchases such as food, to avoid disconnection.

Mr. Thomas next responded to Mr. Olson’s concern that unwanted disconnections pose heightened risks of health, safety and household security by stating that he doesn’t disagree with Mr. Olson’s position, but he pointed out that unwanted disconnections are not limited to customers who will participate in the *Pilot*. Mr. Olson’s focus on avoiding disconnection misses one of the advantages of the *Pilot*, which is to restore power after paying just a small amount. Mr. Thomas explained that post-pay residential customers must pay an average past due balance and late payment charges of $161 and a reconnect fee of $25, while *Pilot* participants will incur no late fees or reconnection fees. Company experience in South Carolina shows that prepay participants average a disconnection length of only 5 hours 34 minutes and only 16 minutes from payment to reconnection.

Mr. Thomas next responded to Mr. Olson’s concerns regarding electronic notifications should participants lose access to cell phone service or internet access. Mr. Thomas testified that all participants are required to have email access or a phone when they enroll, so that participants can interact directly with their account on the *Prepaid Advantage* portal and to receive electronic notifications. Disconnection notifications will also be sent using automated voice calls, so participants without a smartphone can receive notifications. Should a customer temporarily lose access to the internet or phone service, participants still are able to contact the Company’s call center for account information, and to make cash payments at the Company’s payment stations.

Mr. Thomas addressed Mr. Olson’s references to prepaid program in other states and countries. He explained that the *Pilot* was designed to address the most common issues and that its design addresses most of Mr. Olson’s concerns. Mr. Thomas addressed Mr. Olson’s comment, that many prepaid programs are in service territories served by utilities not subject to full regulatory jurisdiction, by explaining that although Duke Energy Indiana is requesting a declination of jurisdiction, the Company and the program will remain under Commission jurisdiction.

Mr. Thomas testified to CAC’s recommendation regarding key design features that would alleviate the CAC’s concern and provided other improvement suggestions based on NASUCA Resolution 2011-3. Mr. Thomas explained that Mr. Olson’s idea, when a customer’s account credits are exhausted the customer be given a seven-day disconnection grace period and returned to credit-based, normal service at no higher cost than other post-pay customers, cannot be accommodated in a prepay option. He testified that Duke Energy Indiana does not object to many of Mr. Olson’s recommendations. Specifically, customers enrolled in the *Pilot* will be allowed to return to credit-based, normal service at no higher cost than the cost at which new customers can obtain service, but if they return to post-pay status they may be charged the same deposit amount as any other customer based upon creditworthiness. At the hearing, Mr. Thomas agreed to discuss with the CAC and OUCC any deposit issues surrounding customers who are removed from the *Pilot* because they are participating in LIHEAP.

Mr. Thomas testified that the *Pilot* program will only be marketed as a voluntary service and that Duke Energy Indiana will ensure that there are readily available means for *Pilot* program customers to purchase service credits on a 24-hours a day, seven-days a week basis for electronic payment methods. He stated that customers who are protected under state law from disconnection for health or safety reasons will not be eligible to participate in the *Pilot.* To assist customers who have an arrearage at the time they enroll in the *Pilot,* the customers will have bill payment assistance and arrearage management in the form of a deferred payment arrangement. In other words, any past due balance at the time of *Pilo*t enrollment will be paid in installments as 25% of any payments made to the customer’s account balance. *Pilot* customers are not subjected to any security deposits or to additional fees of any kind, including but not limited to initiation fees or extra fees assessed at any time customers purchase credits and payments to *Pilot* accounts are promptly posted to a customer’s account to prevent disconnection or other action adverse to the customer when the customer has in fact made payment.

Mr. Thomas said that the Company was not in favor of any proposal that results in increasing subsidization of customers who are unable to pay as the Company does not want to increase its uncollectible charges and spread those costs among the customer base at large. He further stated that any requirements that Duke Energy Indiana continue to follow Commission rules on disconnection regarding the traditional means of providing a disconnection notice would have the effect of encouraging customers to forego keeping their account current. Additionally, the Company is not willing to charge *Pilot* customers a lower rate for electric service as participants will realize financial benefits through lower transaction fees, greater payment flexibility, and since smart meter costs will be borne by customers, any lower operating costs generated by the *Pil*ot should be shared across all customers. As to Mr. Olson’s contention that the *Pilot* should not be offered to customers facing imminent disconnection for non-payment, Mr. Thomas countered that this is an additional option available for payment assistance.

Mr. Thomas also stated that Company did not want to treat customers who participate in the *Pilot* differently in regards to weather disconnect moratoriums than customers in traditional credit-based services due to the state winter moratorium on disconnection. However, the Company has agreed that customers subject to the moratorium may not participate in prepay for those months of the year. On cross-examination, Mr. Thomas agreed to work with the CAC and OUCC to discuss the warm weather temperature for the disconnection moratorium. In his prefiled testimony, Mr. Thomas disagreed that participation in the *Pilot* for one year without a disconnect should demonstrate creditworthiness for a traditional credit-based service. However, during cross-examination, he agreed to work with the CAC and OUCC to develop a standard for participants to be deemed creditworthy. Finally, Mr. Thomas stated that it was unnecessary to protect customers’ prepaid funds because the participation numbers and prepaid account balances are small for a Company the size of Duke Energy Indiana.

# Mr. Thomas responded to Mr. Olson’s proposed tracking and reporting metrics. He explained that similar to the South Carolina Learnings Report, the Company wants to measure customer behavior and satisfaction, track participant data and behaviors, and proposed to report the following information: number and length of disconnects; number of payments per month and average payment amount; customer energy usage patterns; preferred modes of payment; number of enrollments; number of un-enrollments and reason for unenrollment; deferred balances; and notification volumes and preferred channels. During the course of cross-examination, Mr. Thomas committed to work with the OUCC and CAC on reporting metrics.

Mr. Thomas agreed with the CAC’s recommendation that the *Prepaid Advantage* program be proven to be cost effective before being commercialized and rolled out to all Duke Energy Indiana customers, and that the purpose of the *Pilot* is to determine whether the program will be cost effective.

Responding to the CAC’s concerns about customer protections for those who participate in the *Pilot*, Mr. Thomas testified that participants will have protections equal to or exceeding those of traditionally billed customers. The *Pilot* is a voluntary program and customer’s may revert to traditional billing with no penalty for having participated in the *Pilot*. Multiple real-time electronic communications will be provided to avoid disconnection and for those customers struggling to pay a large past due balance, the *Pilot* provides a better solution than traditional payment arrangements. Lastly, the *Pilot* eliminates deposits to customers either starting service or struggling to pay their monthly bill.

1. **Commission Discussion and Findings.**

This request is based on a proposal for an Alternative Regulation Plan. The AUR Act refers to traditional commission regulatory policies and practices, and that certain existing statutes are not adequately designed to deal with an increasingly competitive environment for energy services and that alternatives to traditional regulatory policies and practices may be less costly. Ind. Code § 8-1-2.5-1(3). It relates to affording flexibility to an energy utility in the regulation of its retail energy services in the face of “technological or operating conditions, competitive forces, or the extent of regulation by other state or federal regulatory bodies” that make the exercise of traditional IURC jurisdiction over an energy utility “unnecessary or wasteful.” *See* Ind. Code § 8-1-2.5(b)(1). As used in Ind. Code Ch. 8-1-2.5, “retail energy service” is defined, in part, to mean “energy service furnished by an energy utility to a customer for ultimate consumption.” Ind. Code § 8-1-2.5-3. Ind. Code § 8-1-2.5-6(e) allows the Commission to approve, reject, or modify an energy utility’s proposed alternative regulatory plan if the Commission finds such action is consistent with the public interest. Assuming arguendo that the AUR Act indeed applies here, the Commission finds that this particular Alternative Regulation Plan (“ARP”) Project is not in the public interest.

In this proceeding, Petitioner seeks approval of its ARP to implement a new residential prepaid service pilot program for eighteen months open to no more than 4,000 residential customers with advanced metering infrastructure, except customers who are simultaneously participating in other billing programs, such as Budget Billing, Fixed Bill, Paperless Billing options, Pick Your Due Date, Adjusted Due Date, Payment Agreements, Summary Billing, or automatic payment options (other than those available in the prepaid program), or customers with critical electric needs, such as customers who are listed as Medical Alert, Special Needs, Medical Certificate, Essential Customers, Life Saving Device customers. Duke also proposes to remove those customers who are receiving Low Income Home Energy Assistance Program (“LHEAP”), but only during the winter moratorium period. The proposal is to require pilot program participants to pay the Company in advance of receiving service, rather than after receipt of a bill at the close of a traditional billing period. For the pilot program, there is no monthly fee to participate; however, new customers who were able to avoid a deposit by entering into the prepaid program could be assessed a deposit should they choose to revert to post-pay service. In addition to traditional monthly bills, pilot participants would receive notification when there are five, three, and one-day(s) worth of electricity usage remaining on the account, although customers may customize their low balance notifications to select different thresholds (number of days remaining) and communications channels (e.g., email, text, and or phone call). The Company states that participants must therefore have access to email or text messaging, although customers may elect to receive notifications through additional channels such as text and voice. Thus, under Duke’s proposed notification protocol, it is possible that participants will not receive electronic notifications of credit balances and other important account information, should participants lose access to cell phone service or internet access. Overall, under Duke’s proposal, if the customer’s credit balance is depleted, the pilot program customer will lose access to electricity “the following business day after registering a zero-account balance.” Duke takes no extra steps to protect participants from losing service other than excluding LIHEAP participants during the winter moratorium.

Rather than structuring its program so that regulatory consumer protections and programs are not just maintained but enhanced, Duke requests numerous waivers from key customer service rules and consumer protections including those related to the following: billing and payment standards, posting and handling of security deposits, right to dispute a bill, disconnection of service, and notification of disconnection of service. *See* 170 IAC 4-1-13(a) 1-11 and (c), 170 IAC 4-1-15, and 170 IAC 4-1-16. CAC argued that, due to the nature of prepaid programs, Duke should have instead proposed: maintaining existing limitations or prohibitions on disconnection of service; providing advance notice of disconnection by mail; providing the availability of payment plans while participating in the pilot program; offering monthly bill payment assistance and arrearage forgiveness; and maintaining the right to dispute bills. At a minimum, CAC asked Duke to commit to a no-disconnections model for its pilot program, explaining how prepaid programs create dangerous situations.

It is undisputed that Duke Energy Indiana is an “Energy Utility” under the Alt. Reg. Statute, Indiana Code ch. 8-1-2.5. Under Section 6(a)(1), the Commission may adopt alternative regulatory practices, procedures, and mechanisms and establish just and reasonable rates and charges that (a) are in the public interest as determined by consideration of the factors listed in Indiana Code § 8-1-2.5-5; and (b) enhance or maintain the value of a utility’s energy services or properties. In determining whether an ARP is in the public interest, the AUR Act directs the Commission to consider the factors enumerated in Indiana Code § 8-1-2.5-5. These factors include:

1. Whether technological or operating conditions, competitive forces, or the extent of regulation by other state or federal regulatory bodies render the exercise, in whole or in part, of jurisdiction by the commission unnecessary or wasteful;
2. Whether the Commission’s declining to exercise, in whole or in part, its jurisdiction will be beneficial for the energy utility, the energy utility’s customers, or the state;
3. Whether the Commission’s declining to exercise, in whole or in part, its jurisdiction will promote energy utility efficiency; and
4. Whether the exercise of Commission jurisdiction inhibits an energy utility from competing with other providers of functionally similar energy services or equipment.

As further discussed below, Duke has not provided the Commission with the required evidence supporting relief under Ind. Code § 8-1-2.5-6 and a finding that the ARP Project is in the public interest. On the contrary, the evidence and arguments presented by CAC and the OUCC warrant a denial of Duke’s proposal.

We will begin by addressing the factors enumerated in Ind. Code § 8-1-2.5-5.

1. Ind. Code § 8-1-2.5-5 (b)(1): “Whether technological or operating conditions, competitive forces, or the extent of regulation by other state or federal regulatory bodies render the exercise, in whole or in part, of jurisdiction by the commission unnecessary or wasteful.”

In considering the first factor, we bear in mind that smart metering technology has enabled utilities to remotely reconnect and disconnect customers. However, this does not mean that Commission jurisdiction would be unnecessary or wasteful. To the contrary, the Commission is even more concerned about customer safety with this new technology, particularly for Duke’s most vulnerable customers, and considers the customer protections in those rules critical for ensuring the safety of those customers, especially since prepaid programs seem to be not widespread with less than 1% of customers nationally having a prepaid option. (Tr., pp. 58-59; Petitioner’s Attachment 2B).

Duke “agree[d] that a portion of [] participation may come from low-income households based upon experience at other utilities” (Duke Rebuttal, p. 13, ll. 15-17) and that “you’ll have a greater concentration of low income customers participating than in traditional post-pay…percentage-wise”. (Tr. at 27, l. 12-16). Yet, the Duke witness was unaware as to whether other utilities with operating prepaid programs asked for or have a waiver of essential customer protection rules as Duke is requesting in this proceeding. (Tr. 59, ll.18-22).

Duke’s response to concerns about the impact of remotely disconnecting low income customers was that there is a winter disconnect moratorium, and participating LIHEAP customers will be removed from the prepaid program during said moratorium. However, the discussion at the evidentiary hearing between CAC counsel and the Duke witness raises more questions than answers. *See* Tr., pp. 19-26. The fact that the current program design may require these customers to put forward a deposit once the winter moratorium begins is especially concerning, especially for those customers motivated to enroll specifically because they wished to avoid a large deposit assessment. (Tr., pp. 57, 67).

The threat of increased disconnection levels for all participating customers is also of concern. In Duke’s South Carolina program, Duke reported: (1) one customer was disconnected 44 times during the one-year pilot program; (2) a total average disconnection time at 5 hours and 34 minutes with a maximum time between disconnection and making a payment at 21 hours and 14 minutes; (3) customers made on average three payments per month; (4) there were 3,399 un-enrollments out of a total of 7, 051 unique customer enrollments during the pilot between 2015-2019. (CAC Exhibit 1, Attachments KLO-2 and -3).

CAC suggests a better program design that would also keep Duke customers within the protection of consumer rules is a “no disconnects” model where the customer reverts back to post-pay service upon the expiration of credits. We agree. Although Duke first said such a design “cannot be accommodated” (Duke Rebuttal, p. 22), Duke admitted that it was technologically feasible and did not appear to be a large change to the currently ongoing IT effort. (Tr., pp. 66-67). Rather, Duke did not want to accommodate such a program design simply because it did not “believe it’s in the spirit of the design of the program.” (Tr. at 55). Still, Duke ultimately agreed that it could operate within such a program design and within the requirements of the existing consumer protections. (Tr. at 68). Insofar as this is also consistent with Commission precedent in denying Indiana Michigan Power Company’s request to waive such customer protections (CAC CX 7, which was administratively noticed), we find that a denial of the program on this basis alone is warranted.

2. Ind. Code § 8-1-2.5-5 (b)(2): “Whether the commission’s declining to exercise, in whole or in part, its jurisdiction will be beneficial for the energy utility, the energy utility’s customers, or the state.”

As discussed above, we find that the Commission declining to exercise any of its jurisdiction will not be beneficial for Duke’s customers, the state, or Duke itself insofar as it is likely to create more problems for Duke as it lowers the quality of service for participating customers. Duke has already experienced public and customer backlash as recently as of May 2018 due to issues with its smart meter technology. (CAC CX 9). Considering Duke is still only 75% deployed with smart meters (CAC CX 8), the Duke witness admission that “I’m not saying that we will never make a mistake” (Tr. at 69), and less than 1% of customers nationwide have prepaid programs available for electric service (Tr. 58-59; Petitioner’s Attachment 2B), we conclude that now is not the time to make Indiana customers a guinea pig when the risk of jeopardizing customer safety greatly outweighs the benefits.

Furthermore, many of the benefits that Duke claims are services and functionality that Duke customers and Duke already have. Duke can already use its smart meter technology to perform rapid reconnection. (Tr. at 63). Duke’s customers with smart meters already have access to energy consumption and billing information close to real time online with the only difference being the 5, 3, and 1 day notifications when prepaid credits are set to expire. (OUCC CX 1; Tr., pp. 64, 66). Duke customers are already encouraged to reduce energy consumption through its My Home Energy Report program. (Tr. at 65).

We find this consideration weighs against Duke’s ARP.

3. Ind. Code § 8-1-2.5-5 (b)(3) “Whether the commission’s declining to exercise, in whole or in part, its jurisdiction will promote energy utility efficiency.”

Duke claims that limited declination of jurisdiction will promote energy utility efficiency, arguing that the *Pilot* will reduce uncollectable charges, collections expenses, administrative fees, and interest payments for deposits. Yet, Duke has not offered any evidence to support that and does not offer a robust evaluation plan for this pilot program that would provide us with greater comfort.

Duke’s evaluation plan is unsatisfactory to this Commission. Duke’s original evaluation plan only offered to track (1) customer satisfaction, similar to the reporting of survey data that it collected in its Carolinas program (Duke Rebuttal, p. 25), and (2) any reduction in consumer consumption, but the results were found to be inconclusive (Tr., pp. 12-13). In the Carolinas study, Duke failed to report out any of the negative or neutral comments, only showcasing the comments they found positively supported their pilot program. (CAC CX 4; Tr. at 34). Duke’s original plan also did not use an independent evaluator, solely relying on itself to collect the survey data from customers. (Tr., pp. 29-30).

At the hearing, the Duke witness agreed to have further conversations about tracking other data, such as the data Duke already reports as part of the IURC Cause No. 43114 IGCC 15 settlement (CAC CX 1-3), the level of uncollectables (Tr. at 41), customer motivations for participating in the prepaid program (Tr., pp. 47-48), whether customers had to forego other necessities such as food and medicine to retain service prior to or during the program (Tr. at 45), the number of participating customers with pre-existing arrears (Tr., pp. 44-45), the average income of participating customers (Tr. at 44), whether participating households have children or elderly in the home (Tr. at 43), whether participating households had a member who was unemployed (Tr. at 43), whether participating households had a member who has a disability (Tr. at 42), whether incoming participating customers experienced disconnection during the prior 12 months (Tr. at 45), and other data points. The Duke witness also agreed that control groups for all data points could be necessary “where it makes sense”, including comparison groups between general residential customers and those customers participating in or eligible for LIHEAP. Tr., pp. 41-42. Although we appreciate these concessions,[[10]](#footnote-10) it is too little, too late, especially since Duke has not determined any criteria outside of customer satisfaction by which it, the Commission, and consumers should ascertain whether the pilot program is successful. (Tr., pp. 46-47). When a utility is asking for such an extraordinary request from this Commission to approve a pilot program despite key stakeholders voicing grave concerns, at a minimum, a robust evaluation plan is essential.

With regard to whether prepaid programs save energy or should be used as an energy efficiency program, it is concerning to us that the North Carolina Public Utility Commission rejected this program as an energy efficiency program, yet Duke is still putting forth this program as one that will save energy. (Tr. at 79). We are also concerned that there is some question as to whether prepaid program data collection in other jurisdictions isolated customer savings for when customers are disconnected from service. (Tr. at 78; CAC CX 5). Customer deprivation is not an energy efficiency program, and Duke should keep that in mind, should they refile a new prepaid program design.

Furthermore, Duke did not address the proposition from CAC that an arrearage management program would be a better tool to reduce uncollectible charges, collections expenses, administrative fees, and interest payments for deposits. In fact, Duke’s witness was unaware as to whether Duke or other utilities in the state even offered such a program. (Tr. at 56). Duke should try better in the future to figure out what are the issues and problems it wants to address, then look at a suite of solutions to address them.

4. Ind. Code § 8-1-2.5-5 (b)(4) “Whether the exercise of commission jurisdiction inhibits an energy utility from competing with other providers of functionally similar energy services or equipment.”

Finally, the fourth factor we must consider is whether exercise of Commission jurisdiction would inhibit Duke Energy Indiana from competing with other providers of functionally similar energy services or equipment. Duke Energy Indiana has an exclusive service territory and customers within that area do not have choice in other energy providers. Although Duke Energy Indiana claimed it competes with other utilities on customer satisfaction and there are third-party pay agents that could offer similar services, Duke presented no evidence as to how this is relevant or that these third-party pay agents are actually present in Indiana. Therefore, we hold that it does.

Having reviewed all evidence of record in this Cause, the Commission finds that Duke Energy Indiana's proposed ARP does not meet the requirements of an ARP and is not in the public interest. Should Duke propose a future prepaid program design, it should carefully consider this Order and the OUCC and CAC’s criticisms.

IT IS THEREFORE ORDERED BY THE INDIANA UTILITY REGULA TORY COMMISSION that:

1. Petitioner’s Alternative Regulatory Plan as filed is hereby denied as provided for in Finding 7 above.
2. Petitioner’s request for a declination of jurisdiction and a waiver to comply with 170 IAC 4-1-13(a) 1-11 and (c), 170 IAC 4-1-15, and 170 IAC 4-1-16 is hereby denied for those customers who participate in the *Prepaid Advantage* pilot program.

3. This Order shall be effective on and after the date of its approval.

**HUSTON, FREEMAN, KREVDA, OBER, AND ZIEGNER CONCUR:**

**APPROVED:**

**I hereby certify that the above is a true**

**And correct copy of the Order as approved.**

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**Mary M. Becerra**

**Secretary to the Commission**

1. A smart meter (also called an Advanced Metering Infrastructure (“AMI”) meter) provides two-way communication between Duke Energy Indiana and the customer; it enables automated meter reading, remote connects/disconnects and quicker outage detection. [↑](#footnote-ref-1)
2. Budget Billing, Fixed Bill, Paperless Billing options, Pick Your Due Date, Adjusted Due Date, Payment Agreements, Summary Billing, or automatic payment options. [↑](#footnote-ref-2)
3. Number of days remaining. [↑](#footnote-ref-3)
4. Email, text, and/or phone call. [↑](#footnote-ref-4)
5. *See*, fn 2. [↑](#footnote-ref-5)
6. Medical Alert, Special Needs, Medical Certificate, Essential Customers, and Life Saving Device customers. [↑](#footnote-ref-6)
7. The average reconnection time observed in the Duke Energy South Carolina pilot was 13 minutes. [↑](#footnote-ref-7)
8. *See*, IC § 8-1-2.5-5(b). [↑](#footnote-ref-8)
9. *See*, Petitioner’s Exhibit 1-B. [↑](#footnote-ref-9)
10. Other concessions included Duke’s agreement to discuss a tighter range for its internal disconnect moratorium after being presented with data from CAC (CAC Exhibit 1, Attachment KLO-5; CAC CX 6; Tr., pp. 62-63); Duke possibility limiting low income participation (Tr. at 81); etc. [↑](#footnote-ref-10)