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												Page 1 of 20 Bevington
LG&E/	KU Program Scoring M	latrix: Scorin	g Summary									Bevington
	1	1			1	1	1	1	1	1	1	
	Scoring											
		e numbered item ir	n the Review Checklist. Score each propo	heal 0-2 for each category								
			include adequate information to evalua									
	1 = Partially meets criteria											
	2 = Fully meets criteria											
	SCORE represents the total of the Proposed Program Name	e checklist criteria v Program Type		Program Description	Score - Average	Evaluator1	Evaluator2	Evaluator3	Evaluator4	Evaluator5	Evaluator6	Comments
		Flogram Type	Segment	Increase eligibility to 300% FPL (w/ increased Inflation	Scole - Average	Lvaluatori	LValuatorz	Evaluators	LValuator4	LValuators	LValuatoro	Comments
1	LMI WeCare	Efficiency	Limited Income single family residential									
				increased health & safety funding)	72.17	70.00	58.00	79.00	76.00	74.00	76.00	
2	WeCare with Shade Trees	Efficiency	Limited Income single family residential	Current WeCare program design with the addition of planting		54.00	50.00		70.00		70.00	
				one tree WeCare that is focused on high impact measures (whole	61.00	54.00	52.00	80.00	72.00	32.00	76.00	
				building measures- data-driven targeting) (w/ increased								
3	WeCare V2	Efficiency	Limited Income single family residential	Inflation Reduction Act administration dollars which will help								
				find increased health & safety funding)	70.00	72.00	52.00	70.00	76.00	78.00	72.00	
				Address tenant units with direct install measures + common								
4	LI Multifamily- whole building	Efficiency	Limited Income multifamily residential	areas with all analyst recommended improvements (requires	70.00	00.00			70.00		70.00	
5	Shada Traca	DD/oducation	Limited Income sincle fermity residential	both residential and nonresidential measures)	70.83	80.00	52.00 46.00	83.00	72.00	66.00	72.00	
	Shade Trees WeCare Audit Direct Enrollment	PR/education		Incentives for planting trees that shade home/building Automatic enrollment in smart thermostat DR when a smart	41.67	44.00	40.00	52.00	38.00	28.00	44.00	
6	(Smart Thermostat DR)	PR for DR	Limited Income single family residential	thermostat is installed in a WeCare home	76.33	72.00	66.00	92.00	82.00	74.00	72.00	
7	WeCare Audit Direct Enrollment	PR for DR	Limited Income single family residential	Automatic enrollment in peak time rebates DR program when a								
'	(PTR)	PR for DR	Limited income single family residential	smart thermostat is installed in a WeCare home	76.67	72.00	74.00	86.00	82.00	74.00	72.00	
8	Appliance Recycling	Efficiency	Market Rate Residential Sector	Free pick up of functioning, older refrigerators and freezers +								
-	r ophanoo r coojonng	Linciditoj		incentive	77.67	78.00	68.00	84.00	78.00	72.00	86.00	
9	Midstream HVAC Rebates (dual	Efficiency	Market Rate Residential and Small Nonresidential Sector	Incentives provided to HVAC distributors to stock and sell high efficiency units	64.00	52.00	56.00	76.00	66.00	66.00	68.00	
	Initastream TVAC Repates (duar			HVAC, Thermostats, Air Sealing, Insulation, efficient EV	04.00	52.00	50.00	70.00	00.00	00.00	00.00	
10	Downstream Rebates	Efficiency	Market Rate Residential Sector	chargers, water heating w/DR enablement (includes gas rebate								
				options)	65.33	60.00	50.00	78.00	66.00	66.00	72.00	
11	Online Transactional	Efficiency	Market Rate Residential Sector	Thermostats (with direct enrollment to DR), smart plugs,								
	Marketplace			holiday lighting	70.50	74.00	70.00	81.00	76.00	64.00	58.00	
12	Energy Financing	Efficiency	Market Rate Residential Sector	example: 5 year cap 0% interest (third-party financing, not on-	52.00	56.00	48.00	70.00	46.00	46.00	46.00	Model for Cost-Effectiveness
10				Home energy reports program (paper/mail and email);	02.00	00.00	-0.00	10.00	40.00	40.00	40.00	
13	Behavioral/HERs	Efficiency	Market Rate Residential Sector	behavioral savings; communication direct with customer	68.83	66.00	76.00	77.00	74.00	58.00	62.00	
14	Fuel switching Electric to Gas	Fuel switching	Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas								
		i dei etitioning		HVAC	48.17	66.00	42.00	85.00	12.00	40.00	44.00	
15	Residential Energy Audit Online w/ water heater and HVAC	- Efficiency	Market Rate Residential Sector	Includes enhanced Wx and HVAC rebates where recommended								
10	rebates	Linciency	Market Rate Residential Sector	leconmended	70.83	74.00	68.00	89.00	74.00	52.00	68.00	
16	Residential Energy Audit Online	- F #inter	Market Date Desidential Contes	No rebates								
10	w/o rebates	Efficiency	Market Rate Residential Sector		47.00	42.00	62.00	76.00	46.00	24.00	32.00	
17	Rebates for New Home	Efficiency	Market Rate Residential Sector	Incentives for building above code as well as specific								
	Construction			incentives for targeted controllable measures/ heat pumps	68.67	72.00	54.00	86.00	66.00	72.00	62.00	
18	Student Education (w/ marketplace coupons)	PR/education	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	56.00	58.00	36.00	68.00	74.00	48.00	52.00	
	Load Disaggregation Software			Sense, Bidgely	30.00	50.00		00.00	74.00		52.00	
19	w/ Alerts	Efficiency	Market Rate Residential Sector		61.50	68.00	66.00	73.00	60.00	40.00	62.00	
	DLC-AC, Water Heaters and			Current program using old switch technology. Greater focus on								
20	Pool Pumps (Current Program)	DR	All residential and small nonresidential	summer peak (water heaters are year round) (ramp down								
				participation with switch failures)	56.83	54.00	44.00	73.00	66.00	52.00	52.00	Consider if this should be modeled for cost-effectiveness
	DLC-AC and Water Heaters and pool pumps (increased budget			Replace failing cellular devices with paging. Greater focus on summer peak (water heaters are year round) (ramp down								
21	for device replacement- 15,000	DR	All residential and small nonresidential	participation with switch failures)								
	CSV devices)			, , , , , , , , , , , , , , , , , ,	57.83	62.00	40.00	81.00	54.00	54.00	56.00	Consider if this should be modeled for cost-effectiveness
	Smart Thermostat Rebate and	Efficiency and		Incentive for purchase of smart thermostat when customers								
22	Managed (BYOT)	DR	All residential and small nonresidential	enrolls in Smart Thermostat or Peak Time rebates DR								
		+		programs	74.50	76.00	66.00	91.00	80.00	72.00	62.00	
	Bring-Your-Own-Device			Direct control of smart devices supplied by customers including Smart thermostats, pool pumps, generators, smart plugs, smart								
23	Program	DR	All residential and small nonresidential	outlets, water heaters, room AC, hotel HVAC units								
					70.00	68.00	64.00	88.00	78.00	66.00	56.00	
24	Nonres Demand Response	DR	Large Nonresidential	Current program- which is more of a manual DR	64.17	50.00	72.00	77.00	56.00	60.00	70.00	
	Nonres Demand Response			Add industrial and other interested customers- change								
25	Enhancement	DR	Large Nonresidential	incentive structure- target energy intensive customers (still	co 17	E0.00	70.00	77.00	F0.00	66.00	60.00	Madel for Cost Filler Human
26		DR	All residential and small nonresidential	manual DR) Rehavioral/voluntary DR	62.17 68.83	50.00	72.00 76.00	77.00 87.00	52.00 50.00	60.00 72.00	62.00 68.00	Model for Cost-Effectiveness Model for Cost-Effectiveness
20	Peak Time Rebates	UK	An residential and small nonresidential	Denavioral/ Voluntary DR	00.83	60.00	78.00	07.00	50.00	12.00	00.00	INDUCI IDI DUSI-E-INDUR/BII625

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numbered item in	the Review Checklist. Score each	proposal 0-2 for each category.								
•	•									
Program Type	Segment		Score - Average	Evaluator1	Evaluator2	Evaluator3	Evaluator4	Evaluator5	Evaluator6	Comments
DR	All residential									
			52.17	54.00	46.00	63.00	52.00	50.00	48.00	Model for Cost-Effectiveness
DR	All Nonresidential	No charger rebate included	46.00	54.00	42.00	56.00	30.00	46.00	48.00	
Efficiency	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits	71.83	54.00	64.00	85.00	78.00	70.00	80.00	
Efficiency	All Nonresidential	Redesigned program with incentives for kWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project start/completion); increased budget for more focused implementation/targeting	75.17	70.00	70.00	83.00	78.00	70.00	80.00	
Efficiency	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on- bill)	51.50	54.00	40.00	79.00	46.00	40.00	50.00	Model for Cost-Effectiveness
Efficiency	All Nonresidential	Incentives for installing green roofs	35.50	42.00	40.00	49.00	20.00	12.00	50.00	
Efficiency	Small nonresidential	Small business audits with direct install low cost measures	70.17	64.00	56.00	83.00	76.00	70.00	72.00	
Efficiency	Small nonresidential	Small business energy reports (printed and email)	53.83	44.00	60.00	75.00	62.00	28.00	54.00	
Efficiency	Large Nonresidential	Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings achievement goals	58.50	70.00	68.00	55.00	40.00	56.00	62.00	
Efficiency	All Nonresidential	efficiency equipment	68.67	56.00	60.00	82.00	66.00	74.00	74.00	Model for Cost-Effectiveness
Efficiency	Nonresidential	Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers (is it recoverable by DSM?)	61.00	58.00	54.00	64.00	64.00	72.00	54.00	
DR	All customers	Must be utility-supplied resource (not on-site generation)	37.67	42.00	38.00	52.00	32.00	24.00	38.00	
		Incentives for batteries with direct enrollment in DP								
	posal does not i program Type DR DR Efficiency	posal does not include adequate information to expective transmission transmiss	Program Type Segment Program Description DR All residential No charger rebate included. Telematics method- charging location does not matter DR All nonresidential No charger rebate included DR All Nonresidential No charger rebate included Efficiency All Nonresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits Efficiency All Nonresidential Redesigned program with incentives for kWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project start/completion); increased budget for more focused implementation/targeting Efficiency All Nonresidential Incentives for installing green roofs Efficiency All Nonresidential Incentives for installing green roofs Efficiency All nonresidential Small business audits with direct install low cost measures Efficiency Small nonresidential Small business energy reports (printed and email) Efficiency Large Nonresidential Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings achievement goals Efficiency All Nonresidential<	posal does not include adequate information to evaluate All customers Program Type Segment Program Description Score - Average DR All residential No charger rebate included. Telematics method- charging location does not matter 52.17 DR All norresidential No charger rebate included 46.00 Efficiency All Nonresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 Efficiency All Nonresidential Current program with incentives for kWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project starlcompletion); increase budget for more focused implementation/targeting 75.17 Efficiency All Nonresidential Incentives for installing green roofs 35.50 Efficiency Small norresidential Incentives for installing green roofs 35.83 Efficiency Small nonresidential Small business audits with direct install low cost measures 70.17 Efficiency Small nonresidential Incentives provide to lighting distributors to stock and sell high efficiency equipment 58.50 Efficiency All Nonresidential Incentive	All Norresidential Current program of prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 Efficiency All Norresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 Efficiency All Norresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 Efficiency All Norresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 Efficiency All Norresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 Efficiency All Norresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 Efficiency All Norresidential Current program construction, and small biz kits 71.83 54.00 Efficiency All Norresidential Incentives for Installing green roofs 35.50 42.00 Efficiency Small norresidential Small business autifies with firect install low cost measures 70.17 64.00 <	posal does not include adequate information to evaluate Image: Constraint of the evaluate information to evaluate Image: Constraint of the evaluate information to evaluate Program Type Segment Program Description Score - Average Evaluator1 Evaluator2 R All residential No charger rebate included 1elematics method - charging 52.17 54.00 46.00 DR All Nonresidential No charger rebate included 46.00 54.00 42.00 Efficiency All Nonresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 64.00 Efficiency All Nonresidential Redesigned program with incentive cap on custom; increase budget for more focused implementation hargeting 71.83 54.00 40.00 Efficiency All Nonresidential example: 5 year cap 0% interest (third-party financing, not on bill) 51.50 54.00 40.00 Efficiency All Nonresidential Incentives for installing green roofs 35.50 42.00 40.00 Efficiency All Nonresidential Small business energy reports (printed and email) 53.83 44.00 <t< td=""><td>posal does not include adequate information to evaluate Program type Score - Average Evaluator1 Evaluator2 Evaluator3 Program Type Segment No drarger rebate included. Telematics method-charging location does not matter Score - Average Evaluator1 Evaluator2 Evaluator2 Evaluator3 DR All residential No drarger rebate included. Telematics method-charging location does not matter Score - Average Evaluator1 Evaluator2 Evaluator3 DR All nonresidential No drarger rebate included 46.00 54.00 42.00 56.00 Efficiency All Norresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 64.00 85.00 Efficiency All Norresidential custom: higher in centive cap on custom; increase leightily cap for participation; remove look back allowances (submission for increased budget for more focused implementation/largeting 75.17 70.00 70.00 83.00 Efficiency All Norresidential Incentives for installing green roofs 35.50 42.00 46.00 75.00 Efficiency Small norresidential Small b</td><td>posed does not include adequate information to evaluate Include adequate information addite Include adequate information additevaluate Include addite Include</td><td>Program Type Segment Program Description Score - Average Evaluator1 Program Type Segment No charge rebate included. Telemaks method- charging location dees not matter Score - Average Evaluator2 Evaluator2 Evaluator3 DR All residential No charge rebate included. Telemaks method- charging location dees not matter Score - Average Evaluator2 Evaluator3 Evaluator3 DR All residential No charge rebate included 46.00 55.00 33.00 46.00 DR All Norresidential Current program - prescriptive, oxistom (with incentive cap), rescription increase eligibly cap for participation; merve foot back allowances (submission for more focused implementation/largeling 71.83 54.00 64.00 85.00 78.00 70.00 Efficiency All Norresidential casmple: 5 parc cap 0% interest (httrip-arty francing, not on- by for principation; merve foot back allowances (submission for more focused implementation/largeling 75.17 70.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00</td><td>Paral does not include adequate information to evaluate Image: Construction of an end of the construction of an end</td></t<>	posal does not include adequate information to evaluate Program type Score - Average Evaluator1 Evaluator2 Evaluator3 Program Type Segment No drarger rebate included. Telematics method-charging location does not matter Score - Average Evaluator1 Evaluator2 Evaluator2 Evaluator3 DR All residential No drarger rebate included. Telematics method-charging location does not matter Score - Average Evaluator1 Evaluator2 Evaluator3 DR All nonresidential No drarger rebate included 46.00 54.00 42.00 56.00 Efficiency All Norresidential Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits 71.83 54.00 64.00 85.00 Efficiency All Norresidential custom: higher in centive cap on custom; increase leightily cap for participation; remove look back allowances (submission for increased budget for more focused implementation/largeting 75.17 70.00 70.00 83.00 Efficiency All Norresidential Incentives for installing green roofs 35.50 42.00 46.00 75.00 Efficiency Small norresidential Small b	posed does not include adequate information to evaluate Include adequate information addite Include adequate information additevaluate Include addite Include	Program Type Segment Program Description Score - Average Evaluator1 Program Type Segment No charge rebate included. Telemaks method- charging location dees not matter Score - Average Evaluator2 Evaluator2 Evaluator3 DR All residential No charge rebate included. Telemaks method- charging location dees not matter Score - Average Evaluator2 Evaluator3 Evaluator3 DR All residential No charge rebate included 46.00 55.00 33.00 46.00 DR All Norresidential Current program - prescriptive, oxistom (with incentive cap), rescription increase eligibly cap for participation; merve foot back allowances (submission for more focused implementation/largeling 71.83 54.00 64.00 85.00 78.00 70.00 Efficiency All Norresidential casmple: 5 parc cap 0% interest (httrip-arty francing, not on- by for principation; merve foot back allowances (submission for more focused implementation/largeling 75.17 70.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00 78.00	Paral does not include adequate information to evaluate Image: Construction of an end of the construction of an end

Program Review Checklist

			Review Checklist		Evaluation method
No.	Program Criteria	Does the Program?	Objective	Priority	
1	Value: Demand Reduction	Reduce Demand?	Is there evidence the program offers significant firm demand reduction including during (winter) peak periods?	High	Program description; literature review indicates program produces kW savings in other jurisdictions
2	Value: Energy Savings (Baseload Reduction)	Save Energy?	Is there evidence the program offers significant energy savings?	High	Program description; literature review indicates program produces kWh savings in other jurisdictions
3	Value: Cost-effectiveness	Have a History of Cost- Effectiveness?	Is there evidence that the program could be cost-effective?	High	Program description; literature review indicates program is cost effective in other jurisdictions
4	Value: Disadvantaged Communities	Benefit Disadvantaged Communities?	Does the program benefit disadvantaged customers/communities?	High	Program description/eligible customers
5	Complexity: Internal Resources	Require Few Cross- Departmental Resources to Deliver Higher Customer Value?	Does the program minimize complexity and maximize value?	Med	<u>Complexity/Value Matrix- top left</u> <u>Quadrant=2; bottom right quadrant = 1,</u> <u>others = 0</u>
6	Complexity: acquisition cost	Have Minimal External and/or Software Start Up Costs?	Can the program be successfully started without substantial DSM investment unrelated to saving energy/demand? (e.g., training and outreach investment that increases acquisitions costs and negatively impacts cost effectiveness)	Med	Program description/delivery mechanism
7	Value: Embracing Technology	Use Market Proven Technology?	Does the program prioritize market ready technologies?	Med	Program description; measure list; Measure included in MidAtlantic TRM
8	Complexity: Customer Burden	Allow for Easy Customer Participation?	Is the program easy for customers to participate in (i.e., minimizes barriers)?	Med	Program description/delivery mechanism
9	Value: Education	Educate Customers?	Does the program provide energy education to customers?	Med	Program description/delivery mechanism
10	Complexity: Parent	Exist at PPL Companies?	Is the program successful in any PPL territories (PA, KY, RI, VA)?	Low	Literature review - program offered by other PPL company and achieves goals (kW or kWh savings)
11	Value: Economic	Promote Local Workforce?	Does the program promote/rely on an established local workforce (thus stimulating economic benefits for KY)?	Low	Program description/delivery mechanism
12	Value: Non-Energy Benefits	Improve Indoor Health and Comfort?	Does the program intend to improve the comfort and indoor health of homes and buildings throughout the Companies' territories?	Low	Program description; measure list

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Proposal Scoring Matrix	ix: Evaluator 1														Bevington
Scoring						_									
	nds to the numbered item in the Review Che	ecklist. Score each proposal 0-2 for each category.													
0 = Does not meet criter	ria or proposal does not include adequat														
1 = Partially meets criter															
2 = Fully meets criteria															
SCORE represents the t	total of the checklist criteria weighted by	/ priority					Do	es the Pro	gram						
								e.							
Proposed Program Name	e Segment	Program Description	Score	Comments	educe Demand?	ave creegy? ave a History of Cost-Effectiveness?	enefit Disadvantaged Communities?	tequire Few Cross-Departmental Resources to Deliver Higher Customer Vatu- tave Minimal External and/or Software Start Up Costs?	se Market Proven Technology?	low for Easy Customer Participation?	ducate Customers?	xist at PPL Companies? romote Local Workforce?	romote Local Workforce? prove Indoor Heatth and Comfort?	Comments	Recommendation
1 LMI WeCare	Limited Income single family	Increase eligibility to 300% FPL (w/ increased Inflation Reduction Act administration dollars which will help find			<u>e</u> č (<u>ö</u> <u>Í</u>		<u>r</u> <u>r</u>	5	A	ŭ				
, WeCare with Shade Tree	residential es Limited Income single family	increased health & safety funding)	70.00	0.00	0 1	0	2 2	2	2	2	2 2	2 2	2 2		
2 WeCare with Shade Tree	es Limited Income single family residential	Current WeCare program design with the addition of planting one tree	54.00	0.00	0 1	0	1 1	2	2	2	2	2	2 1		
WeCare V2	Limited Income single family	WeCare that is focused on high impact measures (whole													
3	residential	building measures- data-driven targeting) (w/ increased Inflation													
		Reduction Act administration dollars which will help find increased health & safety funding)	72.00	0.00	0 2	0	2 2	1	2	2	2 3	2 2			
		Address tenant units with direct install measures + common	72.00		0 2				2	-					
4 LI Multifamily- whole build		areas with all analyst recommended improvements (requires													
	residential	both residential and nonresidential measures)	80.00	0.00	1 2	1	2 1	1	2	2	2 2	2 2	2 2		
5 Shade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	44.00	0.00	0 1	0	1 1	1	2	2	1	2	2 0		
	ollment Limited Income single family	Automatic enrollment in smart thermostat DR when a smart													
(Smart Thermostat DR)	residential	thermostat is installed in a WeCare home	72.00	0.00	2 2	2	1 1	1	2	2	1	1	l 0 r	requires wifi	
7 (PTR) WeCare Audit Direct Enro	ollment Limited Income single family residential	Automatic enrollment in peak time rebates DR program when a smart thermostat is installed in a WeCare home	72.00	0.00	2 0	2	2 1	1	2	2	2	2	2 0		
8 Appliance Recycling		Free pick up of functioning, older refrigerators and freezers +													
	Market Rate Residential Sector	incentive	78.00	0.00	1 2	2	2 2	2	2	2	0 2	2 0	0 0		
9 Midstream HVAC Rebate fuel)	es (dual Market Rate Residential and Sma Nonresidential Sector	II Incentives provided to HVAC distributors to stock and sell high efficiency units	52.00	0.00	0 2	2	0 2	1	2	2	0	0			
1001/	Market Rate Residential Sector	HVAC, Thermostats, Air Sealing, Insulation, efficient EV	ULIUU					- ·			<u> </u>				
10 Downstream Rebates		chargers, water heating w/DR enablement (includes gas rebate		0.00											
Online Transactional Mark	rketnlace	options) Thermostats (with direct enrollment to DR), smart plugs, holiday	60.00	0.00	2 2	2	0 2	1	2		0	0			
11 Online Transactional Man	Market Rate Residential Sector	lighting	74.00	0.00	2 2	2	1 2	1	2	2	0 2	2 0	0 0		
12 Energy Financing	Market Rate Residential Sector	example: 5 year cap 0% interest (third-party financing, not on-													
		bill) Home energy reports program (paper/mail and email);	56.00	Model for Cost-Effectiveness	0 2	2	0 2	1	2	2	1	0	0		
13 Behavioral/HERs	Market Rate Residential Sector	behavioral savings; communication direct with customer	66.00	0.00	0 2	2	1 2	1	2	2	2	0	0 0		
14 Fuel switching Electric to	Gas Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas HVAC													
		Industry and the second West and 110/AO and a strength of the second sec	66.00	0.00	2 2	0	2 1	2	2	0	0 2	2 2	2 1		
Residential Energy Audit 15 w/ water heater and HVA	IC .	Includes enhanced Wx and HVAC rebates where recommended													
rebates	Market Rate Residential Sector		74.00	0.00	1 2	2	0 2	1	2	2	2 2	2 1	1		
16 Residential Energy Audit w/o rebates	Online - Market Rate Residential Sector	No rebates	42.00	0.00	0 0	1	0 2	1	2	2	2	0			
17 Rebates for New Home		Incentives for building above code as well as specific incentives					- 2	- '-	-		-				
Construction	Market Rate Residential Sector	for targeted controllable measures/ heat pumps	72.00	0.00	1 2	2	1 2	2	2	2	0 2	2 0	0		
18 Student Education (w/ marketplace coupons)	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	58.00	0.00	0 1	0	2 2	2	2	2	2	0			
19 Load Disaggregation Soft	tware w/ Market Rate Residential Sector	saving measures Sense, Bidgely				-	2 2		-		-				
Alerts	Iviarket Rate Residential Sector		68.00	0.00	1 1	2	2 2	1	2	1	2	0	0 0		

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	Coordina													_			8
	Scoring Each category corresponds to the	e numbered item in the Review Che	cklist. Score each proposal 0-2 for each category.											_			
		roposal does not include adequate								-				-			
	1 = Partially meets criteria																
	2 = Fully meets criteria																
		ale a charachtean antaiste ann talaiste leis	and adds.						Dee	a the Dees							
	SCORE represents the total of	the checklist criteria weighted by							Doe	s the Prop	gram			-			
Ρ	roposed Program Name	Segment	Program Description	Score	Comments	sduce Demand?	ave Energy?	ave a History of Cost-Effectiveness?	snefit Disadvantaged Communities? annie Eeu Mose. Denatimental Beconnos to Dalver Hinher Anterhmer Value?	oquire r ew cross-respondence in resources to benear ingree customer varies ave Minimal External and/or Software Start Up Costs?	se Market Proven Technology?	low for Easy Customer Participation?	lucate Customers? tas at PPI Companies?	al Workford	prove Indoor Health and Comfort?	Comments	Recommendation
			-			Rec	Sav	Hav	Ber	Tay Tay	Use	AIIO	Edt.	Pro L	<u>d</u>		
	DLC-AC, Water Heaters and	All residential and small	Current program using old switch technology. Greater focus on														
20	Pool Pumps (Current Program)	nonresidential	summer peak (water heaters are year round) (ramp down participation with switch failures)	54.00	Consider if this should be modeled for cost-effectiveness		0	2 0	2	2	2	2	0 2	0	0		
	DLC-AC and Water Heaters and		Replace failing cellular devices with paging. Greater focus on	J 4 .00	Sonoidor il una anoulu de modeled foi cost-enective/less	⊢' +	-	2 0				-	<u> </u>				
	pool pumps (increased budget for		summer peak (water heaters are year round) (ramp down														
	device replacement- 15,000 CSV		participation with switch failures)														
	devices)			62.00	Consider if this should be modeled for cost-effectiveness	2	0	2 0	2	2	2	2	0 2	1	0		
	Smart Thermostat Rebate and	All residential and small	Incentive for purchase of smart thermostat when customers														
22	Managed (BYOT)	nonresidential	enrolls in Smart Thermostat or Peak Time rebates DR programs		0.00												
	Bring-Your-Own-Device Program		Direct control of smart devices supplied by customers including	76.00	0.00	2	2	2 0	2	2	2	2	1 2	0	0		
		All residential and small	Smart thermostats, pool pumps, generators, smart plugs, smart														
23		nonresidential	outlets, water heaters, room AC, hotel HVAC units														
				68.00	0.00	2	2	2 0	2	1	2		0 2	0		y connected devices	
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	50.00	0.00	1	0	2 0	2	2	2	0	2	0	0		
25	Nonres Demand Response	Leves Mercerides Rel	Add industrial and other interested customers- change incentive														
25	Enhancement	Large Nonresidential	structure- target energy intensive customers (still manual DR)	50.00	Model for Cost-Effectiveness		0	2 0	2	2	2	0	2	0	0		
	Peak Time Rebates	All residential and small	Behavioral/ voluntary DR	50.00		<u> </u>	-	2 0	2	2	2		2				
26		nonresidential		60.00	Model for Cost-Effectiveness	1	0	2 1	2	1	2	2	2	0	0		
27	Managed Charging (Passenger-	All residential	No charger rebate included. Telematics method- charging		Madal for Oast Effective												
	Residential) Managed Charging (School		location does not matter	54.00	Model for Cost-Effectiveness	2	0	1 0	2	1	2	2	2	0	0		
28	Managed Charging (School Buses)	All Nonresidential	No charger rebate included	54.00	0.00	2	0	1 0	2	1	2	2	2	0	0		
29	Business Rebates	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new														
23			construction, and small biz kits	54.00	0.00	0	1	2 0	2	2	2	2	1	0	0		
	Business Rebates V2		Redesigned program with incentives for kWh and kW on														
30		All Nonresidential	custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission														
		n in Normeanderhadt	for incentives after project start/completion); increased budget														
L			for more focused implementation/targeting	70.00	0.00	1	2	2 0	2	2	2	2	1 2	0	0		
31	Energy Financing	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on-														
	Green Roofs		bill)	54.00	Model for Cost-Effectiveness			2 0					0	1			
	Green Roofs Small business- Audit/ DI	All Nonresidential Small nonresidential	Incentives for installing green roofs Small business audits with direct install low cost measures	42.00 64.00	0.00			0 0						2	0 PPL SB (Direct Install Program	
	Cmall husiness Dehauised		Small business addits with direct instan low cost measures Small business energy reports (printed and email)	04.00			4	2 0		+ '	-		2 2		0 112002		
34	(HERs)	Small nonresidential		44.00	0.00	0	1	1 0	1	1	2	2	2	0	0		
35	Strategic Energy Management	Large Nonresidential	Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings														
			achievement goals	70.00	0.00	1	2	2 0	2	2	2	2	2	0	0		
36	Nonresidential Midstream Lighting LED Streetlighting	All Nonresidential	Incentives provided to lighting distributors to stock and sell high efficiency equipment Requires ramp up time for conversion- requires hand holding for	56.00	Model for Cost-Effectiveness	0	2	2 0	2	2	2	2	0	0	0		
37	LED Streetinghung	Nonresidential	Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers (is it recoverable by DSM?)	58.00	0.00	0	2	1 2	1	2	2	2	0	0	0		
-												_					

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															Bevington
Scoring															8
	he numbered item in the Review Ch	ecklist. Score each proposal 0-2 for each category.											_		
	proposal does not include adequa												_		
1 = Partially meets criteria															
2 = Fully meets criteria															
SCORE represents the total of	f the checklist criteria weighted by	y priority						Does the	Program.						
Proposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?		Have a History of Cost-Effectiveness? Benefit Disadvantaged Communities?	Require Few Cross-Departmental Resources to Deliver Higher Customer Value?	Have Minimal External and/or Software Start Up Costs?	Use Market Proven Lechnology? Allow for Easy Customer Participation?	Educate Customers?	Exist at PPL Companies? Promrie I rost Workfirre?	rioniture Local worklock? Improve Indoor Health and Comfort?	Comments	Recommendation
Bidirectional Flow on EVs		Must be utility-supplied resource (not on-site generation)													
(Fleets, School Buses and	All customers														
Passenger)			42.00	0.00	2	0 1	0	0	1 1	2	2	0			
Energy Storage	All Nonresidential	Incentives for batteries with direct enrollment in DR	52.00	0.00	2	0 2	0	0	1 2	2	1	2 0	0		

Propo	sal Scoring Matrix: Eval	uator 2														
	,															
	Scoring Each category corresponds to the n	umbered item in the Review Check	klist. Score each proposal 0-2 for each category.					_								
	0 = Does not meet criteria or pro															
	1 = Partially meets criteria															
	2 = Fully meets criteria							_								
	SCORE represents the total of th	e checklist criteria weighted by	priority					-	Does the	e Prograr	am					
	roposed Program Name	Segment	Program Description	Score	Comments	Demand?	8gy? terror of Cost Effectivenese?	isadyan doort.mountiles?	Prevolution of the comparison	himal External and/or Software Start Up Costs?	tet Proven Technology?	Easy Customer Participation?	Uustomers? PPL Companies?	Local Workforce? Indoor Health and Comfort?	Comments	Recommendation
1		Limited Income single family residential	Increase eligibility to 300% FPL (w/ increased Inflation Reduction Act administration dollars which will help find increased health & safety funding)	58.00	0.00	Keduce [Save Ene Have a H	2 Benefit D	Lenguire F	Have Min	L Use Mark	C Allow for	c Exist at P	Promote		
2	WeCare with Shade Trees	Limited Income single family	Current WeCare program design with the addition of planting one					ŕ		-				2 2		
		residential	tree	52.00	0.00	0 1	1 0	2	1	1	0	2 2	1	2 2		
3		Limited Income single family residential	WeCare that is focused on high impact measures (whole building measures- data-driven targeting) (w/ increased Inflation Reduction Act administration dollars which will help find increased													
			health & safety funding)	52.00	0.00	0 1	1 0	2	1	1	0	2 2	1	2 2		
4		Limited Income multifamily	Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires both													
5		residential Limited Income single family	residential and nonresidential measures) Incentives for planting trees that shade home/building	52.00	0.00	0 1	1 0	2	1	1	0	2 2	1	2 2		
	Shade Trees	residential		46.00	0.00	0 1	1 0	1	1	1	0	2 2	1	2 2		
6		Limited Income single family	Automatic enrollment in smart thermostat DR when a smart			2										
		residential Limited Income single family	thermostat is installed in a WeCare home Automatic enrollment in peak time rebates DR program when a	66.00	0.00	2 0		2		1	2	1 2	+ 1	2 1		
7	(PTR)	Limited income single ramily residential	smart thermostat is installed in a WeCare home	74.00	0.00	2 0	0 2	2	2	1	2	1 2	1	1 1		
8	Appliance Recycling		Free pick up of functioning, older refrigerators and freezers +													
		Market Rate Residential Sector Market Rate Residential and Small	incentive Incentives provided to HVAC distributors to stock and sell high	68.00	0.00		2 2	0	2	2	1	<u>2 1</u>	+ 1	2 0		1
9	fuel)	Nonresidential Sector	efficiency units	56.00	0.00	1 2	2 1	0	1	2	1	2 1	1	0 1		
10	Downstream Rebates	Market Rate Residential Sector	HVAC, Thermostats, Air Sealing, Insulation, efficient EV chargers, water heating w/DR enablement (includes gas rebate options)		0.00	1	2 1	0	1	1	2	1 1	1	0.0		
11	Online Transactional Marketplace	Market Rate Residential Sector	Thermostats (with direct enrollment to DR), smart plugs, holiday	70.00	0.00		2 1			2	2	2 4	2			
12	Energy Eineneing	Market Rate Residential Sector	lighting example: 5 year cap 0% interest (third-party financing, not on-bill)	48.00	Model for Cost-Effectiveness	0 2	2 0	2	0	1	1	0 2	0	2 2		
13	Behavioral/HERs	Market Rate Residential Sector	Home energy reports program (paper/mail and email); behavioral	76.00	0.00		2 2	1		,			1			
14	Fuel switching Electric to Gas	Market Rate Residential Sector	savings; communication direct with customer Incentives to switch customers from electric HVAC to gas HVAC	76.00						-	2	2 2		0 1		
	Residential Energy Audit Online -	INIAI NOL NALE NOSIDENTIAL SECTOR	Includes enhanced Wx and HVAC rebates where recommended	42.00	0.00	1 1	1 1	0		1	1	0 1	2	1 1		
15	w/ water heater and HVAC rebates	Market Rate Residential Sector		68.00	0.00		2 2	1		0	2	2 2	1	0 1		
10	Residential Energy Audit Online - w/o rebates	Market Rate Residential Sector	No rebates	62.00	0.00	1 2	2 1	1	1	0	2	2 2	1	0 1		
17	Rebates for New Home	Market Rate Residential Sector	Incentives for building above code as well as specific incentives for targeted controllable measures/ heat pumps	54.00	0.00	1 3	2 1	0	1	2	1	0 2	1	0 2		
18	Ctudent Education (w/	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	36.00	0.00	0 1	1 1	0		1	2	0 2	0	0 0		
19	Load Disaggregation Software w/	Market Rate Residential Sector	Sense, Bidgely								-	ž Ž				
	Alerts	marrier reale realembar occiu		66.00	0.00	2 2	2 1	1	1 1	0	2	1 2	1	0 2		1

	Scoring	and the second its second in the Device Observation	Wet Oran and an and 0.0 for each actions.													
	Calculategory corresponds to the 0 = Does not meet criteria or pro-	numbered item in the Review Chec oposal does not include adequate	klist. Score each proposal 0-2 for each category.					_								
	1 = Partially meets criteria					-										
	2 = Fully meets criteria															
I		the checklist criteria weighted by	n de ritu						D.	oes the P	Program					
	SCORE represents the total of t	the checklist criteria weighted by	priority							loes the P	rogram					
	roposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?	Save Energy?	Have a Hisbry of Cost-Effectivenes?	Benefit Disadvantaged Communities?	Require Few Cross-Departmental Resources to Deliver Higher Customer Value?	Have Minimal External andior Software Start Up Costs? Use Market Proven Technology?	Allow for Easy Customer Participation?	Educate Customers?	Exist at PPL Companies?	Promote Local Workforce?	Comments Recommendation
20	DLC-AC, Water Heaters and Pool Pumps (Current Program)	nonresidential	Current program using old switch technology. Greater focus on summer peak (water heaters are year round) (ramp down participation with switch failures)	44.00	Consider if this should be modeled for cost-effectiveness	1	0 2	2 0) 2	2 2	2 1	0	1	1	0	0 no winter DR ability so scored as 1
21	DLC-AC and Water Heaters and pool pumps (increased budget for device replacement- 15,000 CSV devices)	All residential and small	Replace failing cellular devices with paging. Greater focus on summer peak (water heaters are year round) (ramp down participation with switch failures)	40.00	Consider if this should be modeled for cost-effectiveness	1				, ,	,		1	1	0	0 no winter DR ability so scored as 1
I	Smart Thermostat Rebate and	All regidential and small	Incentive for purchase of smart thermostat when customers	40.00		1			<u> </u>					- -		
22	Managed (BYOT)	All residential and small nonresidential	enrolls in Smart Thermostat or Peak Time rebates DR programs													
23	Bring-Your-Own-Device Program		Direct control of smart devices supplied by customers including Smart thermostats, pool pumps, generators, smart plugs, smart outlets, water heaters, room AC, hotel HVAC units	66.00	0.00	2	1 2	2 0		2 1	2	1	1	2	0	2
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	72.00	0.00	2	1 2	2 0		2 2	2 2	2	1	2	1	
	Nonres Demand Response		Add industrial and other interested customers- change incentive	. 2.00		1 [*]			+		<u> </u>			-	·	-
25	Enhancement	Large Nonresidential	structure- target energy intensive customers (still manual DR)	72.00	Model for Cost-Effectiveness	2	1 2	20	2	2 2	2 2	2	1	2	1	0
26	Peak Time Rebates	All residential and small nonresidential	Behavioral/ voluntary DR	76.00	Model for Cost-Effectiveness	2	1 2	2 1	1 2	2 0	2	2	2	2	0	2
27	Managed Charging (Passenger- Residential)	All residential	No charger rebate included. Telematics method- charging location does not matter	46.00	Model for Cost-Effectiveness	2	1 1	1 0) 1	1 1	2	1	0	1	0	0
28	Managed Charging (School	All Nonresidential	No charger rebate included	42.00	0.00	2				1				ιT	π	
29	Buses) Business Rebates	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new	64.00	0.00	4	2 2						0	1	4	
30	Business Rebates V2	All Nonresidential	construction, and small biz kits Redesigned program with incentives for KWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project start/completion); increased budget for more focused implementation/targeting	70.00	0.00	2	2 2) 2	2 2	2 2	1	0	2	1	0
31	Energy Financing	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on-bill)	40.00	Model for Cost-Effectiveness	1	2 0	0 0		0 1	1	1	1	0	1	2
	Green Roofs	All Nonresidential	Incentives for installing green roofs	40.00	0.00	2	2 0	0 0) 1	1 1	1	0	0	0	1	1
33	Small business- Audit/ DI	Small nonresidential	Small business audits with direct install low cost measures	56.00	0.00	1	2 2	2 0) 1	1 1	1	2	1	1	0	0
34	Small business Behavioral (HERs)	Small nonresidential	Small business energy reports (printed and email)	60.00	0.00	1	2 2	2 0		2 1	1	2	1	1	0	0
35	Strategic Energy Management	Large Nonresidential	Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings achievement goals	68.00	0.00	2	2 2	2 0) 2	2 2	2 1	1	2	0	0	0
36	Nonresidential Midstream Lighting	All Nonresidential	Incentives provided to lighting distributors to stock and sell high efficiency equipment	60.00	Model for Cost-Effectiveness	2	2 1	1 0		2 1	1	2		1	0	0
37	LED Streetlighting	Nonresidential	Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers (is it recoverable by DSM?)	54.00	0.00	2	2 1	1 0		1 1	2	1	1	0	0	0
38	Bidirectional Flow on EVs (Fleets, School Buses and Passenger)	All customers	Must be utility-supplied resource (not on-site generation)		0.00	_										
L				38.00	0.00	2	0 1	1 0	1 1	1 1	2	U	1	U	U	0 confirm save energy is no?

0 = Does not meet criteria or pro 1 = Partially meets criteria 2 = Fully meets criteria	oposal does not include adequa												
SCORE represents the total of t	Segment	Program Description	Score	Comments	Reduce Demand? Save Energy	Have a Hisbry of Cost-Effectiveness?	Bereit Disadvantaged Communities? Require Few Coss-Departmental Resources to Deliver Higher Customer Value? Bereitie Few Coss-Departmental Resources to Deliver Higher Customer Value?	Use Market Proven Technology?	Auow to Easy customer Partopation / Educate Customers?	Exist at PPL Companies?	Pornde Los Workford?	Comments	Recommendation
Energy Storage	All Nonresidential	Incentives for batteries with direct enrollment in DR	38.00	0.00	2 0	1	0 1 1	2 0	1	υ 0	0 0 confirm save energy is no?		

Propos	al Scoring Matrix: Eva	luator 3												
	Scoring											_		
		numbered item in the Review Checkl posal does not include adequate	list. Score each proposal 0-2 for each category. information to evaluate											
	1 = Partially meets criteria													
	2 = Fully meets criteria													
	SCORE represents the total of t	he checklist criteria weighted by p	riority					E	Does the Pro	ogram				
, i	oposed Program Name	Segment	Program Description	Score	Comments	e Demand?	inergy? History of Cost-Effectiveness?	aged Communities?	e Few Cross-Departmental Resources to Deliver Higher Customer Value? Inimal Evternal andror Schware Start I.In. Costs?	arket Proven Technology?	for Easy Oustomer Participation?	e Oustomers? PDD: Commaniae2	trrt.companes. 1e Local Workforce?	Comments Recommendation
1	LMI WeCare	Limited Income single family residential	Increase eligibility to 300% FPL (w/ increased Inflation Reduction Act administration dollars which will help find increased health & safety funding)	79.00	0.00	Reduce	Save Er Have a	Benefit	Require Have M	Use Ma	Allow fo	Educate Evict at	Promote	
2	WeCare with Shade Trees	Limited Income single family residential	Current WeCare program design with the addition of planting one tree		0.00									
3		Limited Income single family residential	WeCare that is focused on high impact measures (whole building measures-data-driven targeting) (wi increased Inflation Reduction Act administration dollars which will help find increased health & safety funding)		0.00									
4 1	LI Multifamily- whole building	Limited Income multifamily residential	Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires both residential and nonresidential measures)		0.00									
5	Shade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	52.00	0.00									
		Limited Income single family	Automatic enrollment in smart thermostat DR when a smart					+				+		
	(Smart Thermostat DR) WeCare Audit Direct Enrollment	residential Limited Income single family	thermostat is installed in a WeCare home Automatic enrollment in peak time rebates DR program when a	92.00	0.00			+ +		+			+	
7	(PTR)	residential	smart thermostat is installed in a WeCare home	86.00	0.00									
8	Appliance Recycling	Market Rate Residential Sector	Free pick up of functioning, older refrigerators and freezers + incentive	84.00	0.00									
9	Midstream HVAC Rebates (dual	Market Rate Residential and Small	Incentives provided to HVAC distributors to stock and sell high											
	fuel) Downstream Rebates	Nonresidential Sector Market Rate Residential Sector	efficiency units HVAC, Thermostats, Air Sealing, Insulation, efficient EV chargers, water heating w/DR enablement (includes gas rebate	76.00	0.00		+					+		
	Online Transactional Marketplace	Market Rate Residential Sector	options) Thermostats (with direct enrollment to DR), smart plugs, holiday lighting		0.00	$\left \right $	+	++		+		+	+	
12	Faaray Financing	Market Rate Residential Sector	example: 5 year cap 0% interest (third-party financing, not on-bill)		Model for Cost-Effectiveness									
13	Behavioral/HERs	Market Rate Residential Sector	Home energy reports program (paper/mail and email); behavioral savings; communication direct with customer	77.00	0.00									
14	Fuel switching Electric to Gas	Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas HVAC					+				+		
15	Residential Energy Audit Online - w/ water heater and HVAC	Market Rate Residential Sector	Includes enhanced Wx and HVAC rebates where recommended		0.00									
16	Residential Energy Audit Online -		No rebates		0.00	++		+				+	+	
	w/o rebates Rebates for New Home Construction	Market Rate Residential Sector	Incentives for building above code as well as specific incentives for targeted controllable measures/ heat pumps		0.00									
10	Student Education (w/ marketplace coupons)	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	68.00	0.00									
19 ^I	Load Disaggregation Software w/ Alerts	Market Rate Residential Sector	Sense, Bidgely	73.00	0.00									

	De entre en																
	Scoring Each category corresponds to the	numbered item in the Review Chec	klist. Score each proposal 0-2 for each category.														
) = Does not meet criteria or pro	oposal does not include adequate	e information to evaluate														
	1 = Partially meets criteria																
	2 = Fully meets criteria																
	SCORE represents the total of total of the t	he checklist criteria weighted by	priority						Do	oes the Program	m	_	-				
Ρ	oposed Program Name	Segment	Program Description	Score	Comments					ces to Deliver Higher Customer Value? lart Up Costs?						Comments	Recommendation
						Reduce Demand?	Save Energy?	Have a History of Cost-Effectiveness?	Benefit Disadvantaged Communities?	Require Few Cross-Departmental Resour Have Minimal External and/or Software S	Use Market Proven Technology?	Allow for Easy Customer Participation?	Educate Customers? Exist at PPL Companies?	Promote Local Workforce?	Improve Indoor Health and Comfort?		
20	DLC-AC, Water Heaters and Pool Pumps (Current Program)	All residential and small nonresidential	Current program using old switch technology. Greater focus on summer peak (water heaters are year round) (ramp down participation with switch failures)	73.00	Consider if this should be modeled for cost-effectiveness												
21	DLC-AC and Water Heaters and bool pumps (increased budget for device replacement- 15,000 CSV tevices)		Replace failing cellular devices with paging. Greater focus on summer peak (water heaters are year round) (ramp down participation with switch failures)	81.00	Consider if this should be modeled for cost-effectiveness												
22	Smart Thermostat Rebate and Managed (BYOT)	All residential and small nonresidential	Incentive for purchase of smart thermostat when customers enrolls in Smart Thermostat or Peak Time rebates DR programs	91.00													
23	Bring-Your-Own-Device Program	All residential and small nonresidential	Direct control of smart devices supplied by customers including Smart thermostals, pool pumps, generators, smart plugs, smart outlets, water heaters, room AC, hotel HVAC units	88.00	0.00							1					
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	77.00	0.00												
	Nonres Demand Response		Add industrial and other interested customers- change incentive														
25	Enhancement	Large Nonresidential	structure- target energy intensive customers (still manual DR)	77.00	Model for Cost-Effectiveness												
26	Peak Time Rebates	All residential and small nonresidential	Behavioral/ voluntary DR	87.00	Model for Cost-Effectiveness												
27	Managed Charging (Passenger- Residential)	All residential	No charger rebate included. Telematics method- charging location does not matter	63.00	Model for Cost-Effectiveness												
28	Vanaged Charging (School	All Nonresidential	No charger rebate included														
	Buses)			56.00	0.00				_				_				
29	Business Rebates	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits	85.00	0.00												
30	Business Rebates V2	All Nonresidential	Redesigned program with incentives for kWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project start/completion); increased budget for														
31	Energy Financing	All Nonresidential	more focused implementation/targeting example: 5 year cap 0% interest (third-party financing, not on-bill)	83.00	0.00 Model for Cost-Effectiveness	\vdash	\vdash	-	-	+	+	+	+	+			
32	Green Roofs	All Nonresidential	Incentives for installing green roofs	49.00	0.00				+								
33	Small business- Audit/ DI	Small nonresidential	Small business audits with direct install low cost measures	83.00	0.00												
34	Small business Behavioral 'HERs)	Small nonresidential	Small business energy reports (printed and email)	75.00	0.00												
35	Strategic Energy Management	Large Nonresidential	Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings achievement goals	55.00	0.00												
36	Nonresidential Midstream Lighting	All Nonresidential	Incentives provided to lighting distributors to stock and sell high	82.00	Model for Cost-Effectiveness												
37	ED Streetlighting	Nonresidential	efficiency equipment Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers (is it recoverable by DSM?)	64.00	0.00												
38	Bidirectional Flow on EVs (Fleets, School Buses and Passenger)	All customers	Must be utility-supplied resource (not on-site generation)	52.00	0.00												

Scoring														
Each category corresponds to the n	umbered item in the Review Check	list. Score each proposal 0-2 for each category.												
0 = Does not meet criteria or pro	posal does not include adequate	information to evaluate												
1 = Partially meets criteria														
2 = Fully meets criteria														
SCORE represents the total of th	e checklist criteria weighted by p	riority					Doe	es the Prog	gram					
Proposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand? Save Energy	Have a Hisbry of Cost-Effectiveness?	6	require rew cross-uepartmenta reasources to uewer ringiner customer value? Have Minimal External and/or Software Start Up Costs?		Allow for Easy Customer Participation? Educate Customers?	Exist at PPL Companies?	Promote Local Workforce? Improve Indoor Health and Comfort?	Comments	Recommendation
39 Energy Storage	All Nonresidential	Incentives for batteries with direct enrollment in DR	56.00	0.00			<u> </u>			~				

Propos	al Scoring Matrix: Eva	luator 4																
	Scoring																	
E	Each category corresponds to the		sklist. Score each proposal 0-2 for each category.															
) = Does not meet criteria or pro = Partially meets criteria	oposal does not include adequate	e information to evaluate															
	? = Fully meets criteria																	
	CODE represents the total of t	the checklist criteria weighted by								oes the F	Dragram							
	SCORE represents the total of t	the checklist criteria weighted by	priority						1 2	oes the F	Program	n						
Pro	oposed Program Name	Segment	Program Description	Score	Comments	keduce Demand?	ave Energy?	lave a History of Cost-Effectiveness?	tenefit Disadvantaged Communities? Require Few Cross-Departmental Resources t	Jeliver Higher Customer Value? Have Minimal External and/or Software Start L	bosts?	Jse Market Proven Technology?	Now for Easy Customer Participation? clucate Customers?	cxist at PPL Companies?	romote Local Workforce?	mprove Indoor Health and Comfort?	Comments	Recommendation
1 L	MI WeCare	Limited Income single family residential	Increase eligibility to 300% FPL (w/ increased Inflation Reduction Act administration dollars which will help find	76.00	0.00	1	2	_		<u> </u>					2	2	Cours 1 for programs that achieve applications and demand reduction (2 for deliberate peak reduction)	
2	VeCare with Shade Trees	Limited Income single family residential	increased health & safety funding) Current WeCare program design with the addition of planting one tree	76.00 72.00	0.00	1	2	0	2	1 2	2 2	2	<u>1 2</u> 1 2	1	2	-	Gave 1 for programs that achieve conincident peak demand reduction (2 for deliberate peak reduction) Shade Trees will not add savings for the program and will add cost, but C/E is not a deal breaker for LI programs	
3	VeCare V2	Limited Income single family residential	WeCare that is focused on high impact measures (whole building measures- data-driven targeting) (w/ increased Inflation Reduction Act administration dollars which will help find						_									
			increased health & safety funding) Address tenant units with direct install measures + common	76.00	0.00	1	2	0	2	2 1	1	2 2	2 2	1	2	2	Increased start up costs for geo-targeting; greater savings overall	
4 L	I Multifamily- whole building	Limited Income multifamily residential	areas with all analyst recommended improvements (requires both residential and nonresidential measures)	72.00	0.00	1	2	0	2	2 2	2 2	2	1 1	1	2	2		
5 5	Shade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	36.00	0.00	0	0	0	2	2 2	2 0	0	1 0	0	2	0		
° (VeCare Audit Direct Enrollment Smart Thermostat DR)	Limited Income single family residential	Automatic enrollment in smart thermostat DR when a smart thermostat is installed in a WeCare home	82.00	0.00	2	2	0	2	2 2	2 2	2	1 2	1	2	2		
	VeCare Audit Direct Enrollment PTR)	Limited Income single family residential	Automatic enrollment in peak time rebates DR program when a smart thermostat is installed in a WeCare home	82.00	0.00	2	2	0	2	2 2	2 2	2	1 2	1	2	2		
	Appliance Recycling	Market Rate Residential Sector	Free pick up of functioning, older refrigerators and freezers + incentive	78.00	0.00	1	2	2	2	2 1	1 3	2 2	2 0	2	2	0	If implementation is turnkey, I scored it as complexity is low	
9 N	Midstream HVAC Rebates (dual	Market Rate Residential and Small Nonresidential Sector		66.00	0.00	1	2	2	0	1	1	2	2 0	2	2	2		
10 [Downstream Rebates	Market Rate Residential Sector	HVAC, Thermostats, Air Sealing, Insulation, efficient EV chargers, water heating w/DR enablement (includes gas rebate options)	66.00	0.00	1		-	0	1 1		2	1 1	2	2	2		
11 K	Dnline Transactional Marketplace	Market Rate Residential Sector	Thermostats (with direct enrollment to DR), smart plugs, holiday lighting	76.00	0.00	2	2	2	0	2 1	1 3	2 2	2 1	2	0	2		
12	Energy Financing	Market Rate Residential Sector	example: 5 year cap 0% interest (third-party financing, not on- bill)	46.00	Model for Cost- Effectiveness	1		0	0	2 2	<u> </u>	2 (0 0	0	1	1		
13 E	Behavioral/HERs	Market Rate Residential Sector	Home energy reports program (paper/mail and email); behavioral savings; communication direct with customer	74.00	0.00	1	2	0	2	2 1	1 2	2	2 2	2	0	2		
	Fuel switching Electric to Gas	Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas HVAC	12.00	0.00	0	0	0	0	1 1	1 (0 0	0 0	0	2	0		
15 v	Residential Energy Audit Online - v/ water heater and HVAC ebates	Market Rate Residential Sector	Includes enhanced Wx and HVAC rebates where recommended	74.00	0.00	1	2	2	0	1	1	2	2 2	2	2	2		
	Residential Energy Audit Online - v/o rebates		No rebates	46.00	0.00	1	_	-	0	1	<u> </u>	0 2		1	0	1		
17 F	Rebates for New Home Construction	Market Rate Residential Sector	Incentives for building above code as well as specific incentives for targeted controllable measures/ heat pumps	66.00	0.00	1		Ť	0	1 1		2 2	2 0	2	2	2		
	Student Education (w/ narketplace coupons)	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	74.00	0.00	1	2	2	0	1 1	1 2	2	2 2	2	2	2	Historical cost-effectiveness may be dependent on lighting measures that are no longer applicable	
19 L	.oad Disaggregation Software w/	Market Rate Residential Sector	Sense, Bidgely	60.00	0.00	2	2	2	0	0 0	0 2	2 2	2 2	0	0	0		

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	Scoring Each category corresponds to the	e numbered item in the Review Cher	klist. Score each proposal 0-2 for each category.																
		roposal does not include adequate																	
	1 = Partially meets criteria																		
	2 = Fully meets criteria																		
	SCORE represents the total of	the checklist criteria weighted by	priority							Doest	the Prog	ram							
								/eness?	unities?	ntal Resources to e?	Software Start Up	٨	cipation?				mfort?		
F	roposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?	Save Energy?	Have a History of Cost-Effective	Benefit Disadvantaged Comm	Require Few Cross-Departme Deliver Higher Customer Valu	Have Minimal External and/or Costs?	Use Market Proven Technolog	Allow for Easy Customer Parti	Educate Customers?	Exist at PPL Companies?	Promote Local Workforce?	Improve Indoor Health and Co	Comments	Recommendation
20	DLC-AC, Water Heaters and Pool Pumps (Current Program)	All residential and small nonresidential	Current program using old switch technology. Greater focus on summer peak (water heaters are year round) (ramp down participation with switch failures)	66.00	Consider if this should be modeled for cost- effectiveness	1	0	2	2	2	2	0	2	2	0	2	0		
21	DLC-AC and Water Heaters and pool pumps (increased budget for device replacement- 15,000 CSV devices)	All residential and small nonresidential	Replace failing cellular devices with paging. Greater focus on summer peak (water heaters are year round) (ramp down participation with switch failures)	54.00	Consider if this should be modeled for cost- effectiveness	1	0	2	2	0	0	2		_	0	2	0		
22	Smart Thermostat Rebate and Managed (BYOT)	All residential and small nonresidential	Incentive for purchase of smart thermostat when customers enrolls in Smart Thermostat or Peak Time rebates DR programs		0.00	2	2	2	0	1	1	2	·		2	2	2		
23	Bring-Your-Own-Device Program	n All residential and small nonresidential	Direct control of smart devices supplied by customers including Smart thermostats, pool pumps, generators, smart plugs, smart outlets, water heaters, room AC, hotel HVAC units	78.00	0.00	2	2	2	0	1	1	2	2	2	1	2	2		
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	56.00	0.00	2	0	2	0	1	2	2	0	2	2	0	0		
25	Nonres Demand Response Enhancement	Large Nonresidential	Add industrial and other interested customers- change incentive structure- target energy intensive customers (still manual DR)	52.00	Model for Cost- Effectiveness	2	0	2	0	1	1	2	0	2	2	0	0		
26	Peak Time Rebates	All residential and small nonresidential	Behavioral/ voluntary DR	50.00	Model for Cost- Effectiveness	2	2	0	1	0	0	1	2	2	0	0	0		
27	Managed Charging (Passenger- Residential)		No charger rebate included. Telematics method- charging location does not matter	52.00	Model for Cost- Effectiveness	2	0	1	0	2	1	2	2	1	1	0	0		
28	Managed Charging (School Buses)	All Nonresidential	No charger rebate included	30.00	0.00	2	0	0	0	1	0	1	2	0	1	0	0		
29	Business Rebates	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits	78.00	0.00	1	2	2	0	2	2	2	1	2	2	2	2		
30	Business Rebates V2	All Nonresidential	Redesigned program with incentives for kWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project start/completion); increased budget for more focused implementation/targeting	78.00	0.00	1	2	2	0	2	2	2	1	2	2	2	2		
31	Energy Financing	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on- bill)	46.00	Model for Cost- Effectiveness		2	0	0	2	2	2	0	0	0	1	1		
32	Green Roofs	All Nonresidential	Incentives for installing green roofs	20.00	0.00	0	1	0	0	0	0	0	2	0		2	1		
33 34	Small business- Audit/ DI Small business Behavioral (HERs)	Small nonresidential Small nonresidential	Small business audits with direct install low cost measures Small business energy reports (printed and email)	76.00 62.00	0.00	1	2	2	1	1	1	2			2	2	2		
35	(HENS) Strategic Energy Management	Large Nonresidential	Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings achievement goals	40.00	0.00	1	2	1	0	0	0	1			0	0	2		
36	Nonresidential Midstream Lighting	All Nonresidential	Incentives provided to lighting distributors to stock and sell high efficiency equipment	66.00	Model for Cost- Effectiveness	1	2	2	0	1	1	2	2	0	2	2	2		
37	LED Streetlighting	Nonresidential	Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers (is it recoverable by DSM?)	64.00	0.00	2	2	1	1	0	0	2	2	2	0	2	0		

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O									_					_		
Scoring																
		cklist. Score each proposal 0-2 for each category.														
	roposal does not include adequat	e information to evaluate							_							
1 = Partially meets criteria																
2 = Fully meets criteria																
SCORE represents the total of	the checklist criteria weighted by	priority						Doe	s the Prog	ram						
Proposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?	Save Energy?	Have a History of Cost-Effectiveness?	Benefit Disadvantaged Communities? Require Few Cross-Departmental Resources to Definer Hinher Cristmar Value 2	Have Minimal External and/or Software Start Ur Costs?	Use Market Proven Technology?	Allow for Easy Customer Participation?	Educate Customers?	Exist at PPL Companies?	Indicate Local worklotes?	Comments Recommendation	
Bidirectional Flow on EVs (Fleets, School Buses and	All customers	Must be utility-supplied resource (not on-site generation)														
Passenger)			32.00	0.00	2	0	0	0 1	1	1	-	0	0 0	0		
39 Energy Storage	All Nonresidential	Incentives for batteries with direct enrollment in DR	32.00	0.00	2	0	0	0 1	1	1	2	0	0 0	0		

Propos	al Scoring Matrix: Eval	uator 5																
					1	1										1		
5	Scoring																	
E	ach category corresponds to the n		dist. Score each proposal 0-2 for each category.															
		posal does not include adequate	information to evaluate												_			
2	= Partially meets criteria ! = Fully meets criteria																	
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5	SCORE represents the total of th	e checklist criteria weighted by p	priority							Does the	Program	1	_		_			1
Pr	oposed Program Name	Segment	Program Description	Score	Comments	educe Demand?	ave Energy?	tave a History of Cost-Effectiveness?	tenefit Disadvantaged Communities?	tequire Few Cross-Departmental Resources to Deliver Higher Customer Value?	tave Minimal External and/or Software Start Up Costs?	tse Market Proven Technology?	Wow for Easy Customer Participation?	clucate Oustomers?	.xes ar rr.L. Companies? romoie. Local Workforce?	tprove Indoor Health and Confort?	Comments	Recommendation
		Limited Income single family residential	Increase eligibility to 300% FPL (w/ increased Inflation Reduction Act administration dollars which will help find increased health & safety funding)	74.00	0.00	1	2	<u><u> </u></u>	2	2	<u><u></u><u></u> 2 2</u>	<u> </u>	₹ û 1	<u>ш ú</u> 1 2		2	uncertain if LGE provides energy eductation during audits. IRA dollars could add uncertainty regardnig ability to distribute funds efficiently.	
2		Limited Income single family residential	Current WeCare program design with the addition of planting one tree	32.00	0.00	0	0	0	2	1	0 0	0 1	,	, ,	2		implementation uncertainty. No EE/DR benefits. Would reduce WeCare cost effectiveness	
3	VeCare V2	Limited Income single family residential	WeCare that is focused on high impact measures (whole building measures- data-driven targeting) (w increased Inflation Reduction Act administration dollars which will help find increased health & safety funding)		0.00	2	2	0	2	1	2 2	2 2	· 1	1 1	2	2	Assume this targets measures with coincident peak benefits.	
4 L		Limited Income multifamily residential	Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires both residential and nonresidential measures)	66.00	0.00	1	2	0	2	1	1 2	2 1	1	1 2	2	2		
5 5	Shade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	28.00	0.00	0	0	0	2	1	0 0	n ?	1	1 0	0	0	Assume customers would be educated about proper planting and care. Assume customers would plant trees themselves rather than hiring local workforce.	
6	VeCare Audit Direct Enrollment	Limited Income single family	Automatic enrollment in smart thermostat DR when a smart					- T	-	- -	ŤĽ	Ť			Ť			
0	Smart Thermostat DR)	residential	thermostat is installed in a WeCare home	74.00	0.00	2	1	2	2	2	0 2	2 2	1	1 0	2	0	Assume this would be CE since the costs are already accounted for in WeCare	
		Limited Income single family residential	Automatic enrollment in peak time rebates DR program when a smart thermostat is installed in a WeCare home	74.00	0.00		1	2	,	2		, ,	1		2			
,	innij		Free pick up of functioning, older refrigerators and freezers +	74.00	0.00		-	-	-	-	<u> </u>	+	+	<u> </u>		0		
		Market Rate Residential Sector	incentive	72.00	0.00	1	2	2	1	2	2 2	2 2	0) 2	0	0		
9 I		Market Rate Residential and Small Nonresidential Sector	Incentives provided to HVAC distributors to stock and sell high efficiency units	66.00	0.00		2	2	0	1	1	, ,	0	, ,	2	2		
10 [ownstream Rebates	Market Rate Residential Sector	HVAC, Thermostats, Air Sealing, Insulation, efficient EV chargers, water heating w/DR enablement (includes gas rebate options)	66.00	0.00	1	2	2	0	1	2 2	2 1	0) 2	2	2		
11	Online Transactional Marketplace	Market Rate Residential Sector	Thermostats (with direct enrollment to DR), smart plugs, holiday lighting	64.00	0.00	1	2	2	0	2	1	, ,	0	1 2	0	1		
	Timeral and	Market Rate Residential Sector	example: 5 year cap 0% interest (third-party financing, not on-bill)	46.00	Model for Cost-Effectiveness	1	2	1	1	0	0 2	2 0	0) 2	1	1		
13 E	Behavioral/HERs	Market Rate Residential Sector	Home energy reports program (paper/mail and email); behavioral savings; communication direct with customer	58.00	0.00	1	2	0	1	1	1 3	2 2	2	2 0	0	1		
14 F	uel switching Electric to Gas	Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas HVAC	40.00	0.00													
15 v	Residential Energy Audit Online - // water heater and HVAC ebates	Market Rate Residential Sector	Includes enhanced Wx and HVAC rebates where recommended	40.00 52.00	0.00	1	1	0	0	2	1 2	2 1 2 1	2	2 2	1	1	Saves energy and demand, improves comfort only if customers install recommended measures with enhanced rebates	
		Market Rate Residential Sector	No rebates	24.00	0.00	0		0		,	1 1	n 4		, ,	0	0		
	Rebates for New Home		Incentives for building above code as well as specific incentives				U	U	0	-			$+^2$		0	0		
1/ 0	Construction	Market Rate Residential Sector Market Rate Residential Sector	for targeted controllable measures/ heat pumps Curriculum and materials + marketplace coupons for energy saving measures	72.00	0.00	2	2	2	0	2	2 2	2 0 1 2	0) 2	2	2		
19 L	and Discourse time Orthogon with	Market Rate Residential Sector	Sense, Bidgely	40.00					·	-	· ·		ť	ť	Ť			
	Nerts	market rate residential Sector		40.00	0.00	1	1	0	0	1	0 2	2 2	2	2 0	0	0		

																		
	Scoring Each category corresponds to the	numbered item in the Review Check	klist. Score each proposal 0-2 for each category.															
	= Does not meet criteria or pro	posal does not include adequate	information to evaluate															
	= Partially meets criteria								_									
	= Fully meets criteria												_		-			
	CORE represents the total of t	he checklist criteria weighted by	priority						E	Does the	e Program	1						
	sposed Program Name	re eneckuist ontena weighted by j	pronty Program Description	Score	Comments	s Demand?	nergy?	Hisbry of Cost-Effectiveness?	Disadvantaged Communities?	5 Few Cross-Departmental Resources to Defiver Higher Customer Value?	Inimal External and/or Software Start Up Costs?	tet Proven Technology?	or Easy Customer Participation?	e Oustomers? PDI Commaniae 2	e Local Workforce?	s Indoor Health and Comfort?	Comments	Recommendation
20	DLC-AC, Water Heaters and Pool Pumps (Current Program)	All residential and small nonresidential	Current program using old switch technology. Greater focus on summer peak (water heaters are year round) (ramp down			Reduce	Save Er	Have a	Benefit	Require	Have M	Use Ma	Allow to	Educate	Promote	Improve		
	DLC-AC and Water Heaters and ool pumps (increased budget for		participation with switch failures) Replace failing cellular devices with paging. Greater focus on summer peak (water heaters are year round) (ramp down	52.00	Consider if this should be modeled for cost-effectiveness	2	U	1	1	2	2 (<u>u 2</u>	0	2	0	0		
21	levice replacement- 15,000 CSV levices)		participation with switch failures)	54.00	Consider if this should be modeled for cost-effectiveness	2	0	1	0	1	1 :	2 2	2	2 2	0	0		
22	Smart Thermostat Rebate and Managed (BYOT)	All residential and small nonresidential	Incentive for purchase of smart thermostat when customers enrolls in Smart Thermostat or Peak Time rebates DR programs	72.00	0.00	,	1	2	1	2	2	, ,	0	, ,	0	0		
23		All residential and small nonresidential	Direct control of smart devices supplied by customers including Smart thermostats, pool pumps, generators, smart plugs, smart outlets, water heaters, room AC, hotel HVAC units	66.00				_		_								
24	Ionres Demand Response	Large Nonresidential	Current program- which is more of a manual DR		0.00	2	0	2	0	2	2 1	2 2 2 2	1		0	0	Easy customer access depends on if LGE shifts current manual progam to automated - assume yes	
	Ionres Demand Response	cargo Horroadontidi	Add industrial and other interested customers- change incentive	00.00		1 ⁴		-	-	-		+	+ '	· -			contained and a service and a service manual program to automated - addune yes	
25	Inhancement	Large Nonresidential	structure- target energy intensive customers (still manual DR)	60.00	Model for Cost-Effectiveness	2	0	2	0	2	2	2 1	1	1 2	0	0		
20	Janagad Charging (Bassanger	All residential and small nonresidential	Behavioral/ voluntary DR	72.00	Model for Cost-Effectiveness	2	1	2	1	2	2	2 1	2	2 0	0	0		
21	(esidential)	All residential	No charger rebate included. Telematics method- charging location does not matter	50.00	Model for Cost-Effectiveness	2	0	0	0	2	2 2	2 2	1	1 1	0	0	program description/design is unclear	
20	suses)	All Nonresidential	No charger rebate included	46.00	0.00	2	0	0	1	1	1	2 2	0	2	0	0		
	Jusiness Dehotes	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits	70.00	0.00	1	2	2	0	2	2	2 1	0	2	2	2		
30		All Nonresidential	Redesigned program with incentives for kWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project start/completion); increased budget for more focused implementation/targeting	70.00	0.00	1	2	2	0	2	1	2 2	0) 2	2	2		
51		All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on-bill)	40.00	Model for Cost-Effectiveness	1	2	1	-		0 2) 2	1	1		
		All Nonresidential	Incentives for installing green roofs		0.00			0								1		
	mall husiness Behavioral	Small nonresidential	Small business audits with direct install low cost measures Small business energy reports (printed and email)	70.00	0.00		2	2	U			2			1			
34	HERs) Strategic Energy Management	Small nonresidential	Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5	28.00	0.00	1	1	0	0	1	0 (0 1	2	2 0	0	0		
35		Large Nonresidential	businesses within similar industry); long term savings achievement goals	56.00	0.00	1	2	1	0	1	1	1 1	2	2 2	0	2		
	Ionresidential Midstream Lighting	All Nonresidential	Incentives provided to lighting distributors to stock and sell high efficiency equipment	74.00	Model for Cost-Effectiveness	1	2	2	0	2	2	2 2	0) 2	2	2		
37	ED Streetlighting	Nonresidential	Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers (is it recoverable by DSM?)	72.00	0.00	1	2	2	1	2	2	2 2	0	0	2	0		
	Bidirectional Flow on EVs (Fleets, School Buses and Passenger)	All customers	Must be utility-supplied resource (not on-site generation)		0.00	2	0	0	_	0		2 1		1 0		0		

0 = Does not meet criteria or pr 1 = Partially meets criteria 2 = Fully meets criteria	e numbered item in the Review Check roposal does not include adequate the checklist criteria weighted by					Does the Pro	gram			
Proposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand? Save Energy? Heve a Hisbry of Cost Effectiveness?	Bereit Uisadvärtäged Communities? Requie Few Cross-Departmental Resources to Deliver Higher Customer Value? Hew Minimel Ferendi andric Schtware Shirt In Cross-S		coucies customers / Exist at PPL Companies? Pomote Local Workforce?	Comments	Recommendation
9 Energy Storage	All Nonresidential	Incentives for batteries with direct enrollment in DR	40.00	0.00	2 0 0 0	2 2	2 1 0	0 0	0	

Propo	sal Scoring Matrix: Eva	luator 6																	
				1															
	Scoring																		
		numbered item in the Review Che oposal does not include adequa	ecklist. Score each proposal 0-2 for each category.																
	1 = Partially meets criteria	oposal does not include adequa																	
	2 = Fully meets criteria																		
	SCORE represents the total of t	the checklist criteria weighted b	av priority					I			oes the Program		I	I	I				
			, pronty																
Ρ	oposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?	Save Energy?	Have a History of Cost- Effectiveness?	Disadvantager	d Customer	External and/or Software Start	Proven	Allow for Easy Customer Participation?		Exist at PPL Companies?	Promote Local Workforce?	Improve Indoor Health and Comfort?	Comments	Recommendation
			Increase eligibility to 300% FPL (w/ increased Inflation															Program isn't designed as a primary objective to reduce demand. Not shown to be cost-effective (but doesn't	
1	LMI WeCare	Limited Income single family	Reduction Act administration dollars which will help find increased health & safety funding)															need to be). PPL does not offer moderate to low income at 300% FPL. (PPL's OnTrack and LIHEAP is 150% and WRAP and Operation Help is 200%). It may require departmental resources to provide locational services.	
		residential	indicade industrial callety failulingy	76.00	0.00	1	2	0	2	1	2	2	2	2	1	2	2	Concerns of not enough contractors available to meet the demand.	
~	WeCare with Shade Trees	Limited Income single family	Current WeCare program design with the addition of planting															Not demand focused. Not shown to be cost-effective (but doesn't need to be). Aligns well with PPL Wrap	
2		residential	one tree	76.00	0.00	1	2	0	2	1	2	2	2	2	1	2	2	program. (PPL's OnTrack and LIHEAP is 150% and WRAP and Operation Help is 200%) PPL does not offer Trees.	
	WeCare V2	Limited Income single family	WeCare that is focused on high impact measures (whole		2.00		-				-	-	-	L		-	Ł	1100.	
3		residential	building measures- data-driven targeting) (w/ increased Inflation															Not demand focused. Not shown to be cost-effective (but doesn't need to be). PPL offers some deep retorfits. It	
			Reduction Act administration dollars which will help find increased health & safety funding)	72.00	0.00	1	2	0	2	1	1	2	2	2	1	2	2	may require departmental resources to provide locational services and may require active implementer to locate and target these customers. Concerns of not enough contractors available to meet the demand.	
			Address tenant units with direct install measures + common	12.00	0.00	· ·			2					2		2	2	Not designed to reduced demand directly. Not shown to be C-E. May have costs to increase departmental	
4	LI Multifamily- whole building	Limited Income multifamily	areas with all analyst recommended improvements (requires															resources and known to have higher impletementation cost for these hard to reach segment. PPL has a MF and	
		residential	both residential and nonresidential measures)	72.00	0.00	1	2	0	2	1	1	2	2	2	1	2	2	but not directly focused on LI. No shown to have save energy (or at least very minimal). Not shown to be C-E. Not proven. Not in PPL. Has the	
5	Shade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	44.00	0.00	0	0	0	1	2	2	0	2	2	0	2	1	ability to improve air quality/comfort if large amount of trees are planted.	
6	WeCare Audit Direct Enrollment	Limited Income single family	Automatic enrollment in smart thermostat DR when a smart															Not firm resource. DR compotent may be cost-effective. Requires some intergation with departmental resources	
	(Smart Thermostat DR) WeCare Audit Direct Enrollment	residential	thermostat is installed in a WeCare home Automatic enrollment in peak time rebates DR program when a	72.00	0.00	1	2	1	2	1	1	2	2	2	0	2	0	and software for tracking. No PPL. Does not improve comfort or health directly. Not firm resource. DR compotent may be cost-effective. Requires some intergation with departmental resources	
7	(PTR)	residential	smart thermostat is installed in a WeCare home	72.00	0.00	1	2	1	2	1	1	2	2	2	0	2	0	and software for tracking. No PPL. Does not improve comfort or health directly.	
8	Appliance Recycling		Free pick up of functioning, older refrigerators and freezers +				2			2			2		2			Not designed to reduced demand directly, but supports base load reduction. Requires implementer costs to	
	Midstream HVAC Rebates (dual	Market Rate Residential Sector	Incentive Incentives provided to HVAC distributors to stock and sell high	86.00	0.00	1	2	2	2	2	1	2	2	2	2	2	0	restart program. No improvement for comfort or health (only socilital) Depending on perspective, EE HVAC equipment can be considered as a firm resource for demand reduction,	
	fuel)	Small Nonresidential Sector	efficiency units															just not controllable. Not all midstream programs are C-E initially, but once fully operational can be C-E. Does	
3					0.00			2		2		_		1	1			not support LI very well. Needs implementer to connect vendors. Less connection with customers to be able to educate them. PPL only offers nonres. No real change in workforce.	
		Market Rate Residential Sector	HVAC, Thermostats, Air Sealing, Insulation, efficient EV	68.00	0.00	1	2	2	0	2	1	2	2	1	1	0	2	equicate utern. PPL only offers nonres. No real change in workforce.	
10	Downstream Rebates		chargers, water heating w/DR enablement (includes gas rebate															Depending on perspective, EE HVAC equipment can be considered as a firm resource for demand reduction,	
	Online Transactional		options) Thermostats (with direct enrollment to DR), smart plugs, holiday	72.00	0.00	1	2	1	0	2	1	2	2	2	2	2	2	just not controllable. May not be C-E. Does not support LI very well. Needs some start up costs. Not firm resource. DR compotent may be cost-effective. Requires some intergation with departmental resources	
11	Online Transactional Marketplace		I hermostats (with direct enrollment to DR), smart plugs, holiday lighting															Not firm resource. DR compotent may be cost-effective. Requires some intergation with departmental resources and software for tracking. Does not support LI very well. PPL some of these measures. Does not improve	
		Market Rate Residential Sector	• •	58.00	0.00	1	2	1	0	1	1	1	2	2	1	2	0	comfort or health directly.	
12	Energy Financing	Market Rate Residential Sector	example: 5 year cap 0% interest (third-party financing, not on- bill)	46.00	Model for Cost- Effectiveness	1	2	0	0	1	1	1	1	1	2	1	1	Can save energy for EE projects. Not C-E. Not great for LI. Requires billing/banking connection. Not proven for all markets	
			Home energy reports program (paper/mail and email);		LINGUIVEIIESS	<u> </u>		-		<u> </u>			- '		2			Not C-E typically. Can help all customers. Requires software and other costs. It used to be a PPL program	
13	Behavioral/HERs	Market Rate Residential Sector	behavioral savings; communication direct with customer			Ι.												(currently under consideration again). Not local. May improvement comfort or health but in general not designed	
			Incentives to switch customers from electric HVAC to gas HVAC	62.00	0.00	1	2	0	1	2	1	2	2	2	1	0	0	to do that. Saves energy and can be considered firm. Not C-E. Not clear it will help LI. Requires effort to prove moving	
14	Fuel switching Electric to Gas	Market Rate Residential Sector	Incomises to switch customers from electric in vacito gas HVAC	44.00	0.00	2	2	0	0	1	1	1	0	1	0	2	0	customer from electric to gas is benefitical to the customer (and not just the utility).	
45	Residential Energy Audit Online -		Includes enhanced Wx and HVAC rebates where															Nat C E hut any and 10/AC Marke and have? (11) Device a first state	
15	w/ water heater and HVAC rebates	Market Rate Residential Sector	recommended	68.00	0.00	1	2	0	1	1	1	2	2	2	2	2	2	Not C-E but promotes Wx and HVAC. Maybe some benefit for LI. Requires software or resources to customer experience.	
16	Residential Energy Audit Online -	Market Rate Residential Sector	No rebates			<u> </u>	-		· ·	- ·	<u> </u>	-	-	-	-	-	4	Not C-E. Maybe some benefit for LI. Requires software or resources to customer experience. Only see this as	
	w/o rebates Rebates for New Home			32.00	0.00	0	0	0	1	1	1	0	2	2	1	0	0	educational.	
17	Rebates for New Home Construction	Market Rate Residential Sector	Incentives for building above code as well as specific incentives for targeted controllable measures/ heat pumps	62.00	0.00	1	2	1	0	2	1	2	1	1	2	1	2	May not be C-E. Not designed for LI. Program designed for builders.	
18	Student Education (w/	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy		0.00														
	marketplace coupons) Load Disaggregation Software		saving measures Sense, Bidgely	52.00	0.00	0	1	0	1	2	2	1	2	2	2	0	0	Only C-E possible if tied to installed measures in the marketplace. (may save energy if tied to measures)	
19	w/ Alerts	Market Rate Residential Sector		62.00	0.00	1	2	1	1	1	1	2	2	2	0	0	0	Requires software/external implementer. May not be C-E and may not reduce demand (only energy).	
	DLC-AC, Water Heaters and		Current program using old switch technology. Greater focus on		Consider if this														
20	Pool Pumps (Current Program)	All residential and small	summer peak (water heaters are year round) (ramp down participation with switch failures)		should be modeled for														
-		nonresidential	······		cost-														
				52.00	effectiveness	1	0	2	0	2	2	2	1	1	0	1	0	Because the switches are one-way, do not consider firm.	

	Passing																		
			cklist. Score each proposal 0-2 for each category.																
	0 = Does not meet criteria or p 1 = Partially meets criteria	roposal does not include adequat	te information to evaluate																
	2 = Fully meets criteria																		
	SCORE represents the total of	the checklist criteria weighted by	(priority							-	oes the Program								
	SCORE represents the total of	the checklist chiena weighted by								L	loes the Program								
Ρ	roposed Program Name	Segment	Program Description	Score	Comments	Reduce			Disadvantaged	Customer	Have Minimal External and/or Software Start	Proven	Customer	Educate		Promote Local		Comments	Recommendation
	DLC-AC and Water Heaters and		Replace failing cellular devices with paging. Greater focus on		Consider if this	Demand?	Save Energy?	Effectiveness?	Communities?	Value?	Up Costs?	Technology?	Participation?	Customers?	Companies?	Workforce?	Comfort?		
	pool pumps (increased budget for device replacement- 15,000 CSV devices)		summer peak (water heaters are year round) (ramp down participation with switch failures)	56.00	should be modeled for cost- effectiveness	1	0	2	0	2	2	2	2	1	0	1	0	For the new customers, it will educate and will be easy to participate.	
22	Smart Thermostat Rebate and Managed (BYOT)	All residential and small	Incentive for purchase of smart thermostat when customers enrolls in Smart Thermostat or Peak Time rebates DR programs																
22	• • •	nonresidential		62.00	0.00	2	0	2	1	1	1	2	2	2	0	0	0	While not considered a "FIRM" resource, more firm than one-way switches and peak time rebates	
23	Bring-Your-Own-Device Program	All residential and small nonresidential	Direct control of smart devices supplied by customers including Smart thermostats, pool pumps, generators, smart plugs, smart outlets, water heaters, room AC, hotel HVAC units	56.00	0.00	2	0	1	1	1	1	2	2	2	0	0	0	While not considered a "FIRM" resource, more firm than one-way switches and peak time rebates. Not all devices will be C-E	
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	70.00	0.00	2	1	2	0	2	2	2	2	2	0	0	0	Considered firm even if manual. Can save some energy.	
25	Nonres Demand Response Enhancement		Add industrial and other interested customers- change incentive structure- target energy intensive customers (still manual DR)	62.00	Model for Cost- Effectiveness	2	1	2	0	1	1	2	2	2	0	0	0	May require additional resources/departments to locate new customers. Considered firm even if manual. Can save some energy.	
26	Peak Time Rebates	All residential and small nonresidential	Behavioral/ voluntary DR	68.00	Model for Cost- Effectiveness		1	2	2	1	1	2	2	2	0	n	0	Not completely firm resource. Requires software and AMI.	
27	Managed Charging (Passenger- Residential)	All residential	No charger rebate included. Telematics method- charging location does not matter	48.00	Model for Cost- Effectiveness	1	0	1	0	2	1	2	2	2	0	0		Not completely firm resource. Requires software and Ann. Not completely firm resource. Requires software. Load shifting.	
28	Managed Charging (School Buses)	All Nonresidential	No charger rebate included	48.00	0.00		0		0	2	1	2	2	2	0	0	0	Not completely firm resource. Requires software. Load shifting.	
29	Business Rebates	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new construction, and small biz kits		0.00	1	2	2	0	2	2	2	2	2	2	2	1		
30	Business Rebates V2		Redesigned program with incentives for kWh and kW on custom; higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for incentives after project start/completion); increased budget for more focused implementation/largeting	80.00	0.00	1	2	2	0	2	2	2	2	2	2	2	1		
31	Energy Financing	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on-	50.05	Model for Cost-		0	_	0				_					Can be easy for nonresidential customers than residential customers. Can save energy for EE projects. Not C-	
32	Green Roofs	All Nonresidential	bill) Incentives for installing green roofs	50.00 50.00	Effectiveness 0.00	1	2	0	0	1 2	2	1	2	1	2	2		E. Requires billing/banking connection. Not proven for all markets. Not C-E. Requires strong contractor base.	
	Small business- Audit/ DI	Small nonresidential	Small business audits with direct install low cost measures	72.00	0.00	1	2	1	0	2	2	2	2	2	2	2		Can be C-E in some cases.	
34	Small business Behavioral (HERs)	Small nonresidential	Small business energy reports (printed and email)	54.00	0.00	0	2	1	0	2	1	2	2	2	0	0	0	May require additional resources/departments to locate new customers.	
35	Strategic Energy Management		Process optimization education for continuous energy improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings achievement goals	62.00	0.00	1	2	1	0	2	1	2	2	2	0	1	0	Small impact but may have long terms savings. Not always C-E	
36	Nonresidential Midstream	All Nonresidential	Incentives provided to lighting distributors to stock and sell high	74.00	Model for Cost- Effectiveness		2	2	0	2	2	2	2	1	2	1	1	l ital. Linka antiiniation than deventeens sekalan	
37	Lighting LED Streetlighting		efficiency equipment Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers	74.00	Effectiveness	1	2	2	U	2	2	2	2	1	2	1	1	Likely higher partiticalption than downstream rebates.	
38	Bidirectional Flow on EVs (Fleets, School Buses and		(is it recoverable by DSM?) Must be utility-supplied resource (not on-site generation)	54.00	0.00	0	2	2	0	1	2	2	1	1	0	1	0	Reduces base night loads.	
	Passenger)			38.00	0.00	2	0	0	0	1	1	1	1	2	0	1		Not C-E typically. May require other departments.	
39	Energy Storage	All Nonresidential	Incentives for batteries with direct enrollment in DR	46.00	0.00	2	0	0	0	1	1	2	2	2	0	1	0	May be C-E under certain applications, but usually TRC (costs are too high)	