1005/	VII Dunnum Consinu M	maning Coordin	- C									Bevington
LG&E/	KU Program Scoring Mo	atrix: Scorin	g Summary									
	Scoring		l									
			n the Review Checklist. Score each propo include adequate information to evalua									
	1 = Partially meets criteria	oposai does not	include adequate information to evalua	ite								
	2 = Fully meets criteria											
	SCORE represents the total of the Proposed Program Name	checklist criteria v Program Type		Program Description	Score - Average	Evaluator1	Evaluator2	Evaluator3	Evaluator4	Evaluator5	Evaluator6	Comments
	Toposeu Frogram Name	Program Type	Segment	Increase eligibility to 300% FPL (w/ increased Inflation	Score - Average	Evaluatori	Evaluatorz	Evaluators	Evaluator4	Evaluators	Evaluatoro	Connients
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	61.00	54.00	52.00	80.00	72.00	32.00	76.00	
		-		one tree WeCare that is focused on high impact measures (whole	61.00	54.00	52.00	00.00	72.00	32.00	70.00	
	14/- 0 1/0	F#C:	11.7.41	building massures, 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	
4	LI Multifamily- whole building	Efficiency	Limited Income multifamily residential	Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires								
	Li Multilarilly- whole bullully	Linciency	Limited income maintaining residential	both residential and nonresidential measures)	70.83	80.00	52.00	83.00	72.00	66.00	72.00	
5	Shade Trees	PR/education	Limited Income single family residential	Incentives for planting trees that shade home/building	41.67	44.00	46.00	52.00	36.00	28.00	44.00	
6	WeCare Audit Direct Enrollment	PR for DR	Limited Income single family residential	Automatic enrollment in smart thermostat DR when a smart	70.00	70.00	05.55	00.00	00.00	74.00	70.00	
				thermostat is installed in a WeCare home Automatic enrollment in peak time rebates DR program when a	76.33	72.00	66.00	92.00	82.00	74.00	72.00	
7	WeCare Audit Direct Enrollment (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	,	Efficiency	Market Rate Residential Sector	Free pick up of functioning, older refrigerators and freezers +			11100				12.00	
0	Appliance Recycling	Efficiency		incentive	77.67	78.00	68.00	84.00	78.00	72.00	86.00	
9	Midstream HVAC Rebates (dual f	Efficiency	Market Rate Residential and Small Nonresidential Sector	Incentives provided to HVAC distributors to stock and sell high	64.00	52.00	56.00	76.00	66.00	66.00	68.00	
	Midstream HVAC Redates (duai i	-	Nonresidential Sector	efficiency units HVAC, Thermostats, Air Sealing, Insulation, efficient EV	64.00	52.00	36.00	76.00	00.00	00.00	08.00	
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,	70.50	74.00	70.00	04.00	70.00	04.00	50.00	
	Marketplace	-		holiday lighting example: 5 year cap 0% interest (third-party financing, not on-	70.50	74.00	70.00	81.00	76.00	64.00	58.00	
12	Energy Financing	Efficiency	Market Rate Residential Sector	bill)	52.00	56.00	48.00	70.00	46.00	46.00	46.00	Model for Cost-Effectiveness
13	Behavioral/HERs	Efficiency	Market Rate Residential Sector	Home energy reports program (paper/mail and email);								
	DONAVIOLATILITO	Emoiorioy	Market Fate 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 HVAC	48.17	66.00	42.00	85.00	12.00	40.00	44.00	
	Residential Energy Audit Online -			Includes enhanced Wx and HVAC rebates where	40.11	00.00	72.00	00.00	12.00	40.00	44.00	
15	w/ water heater and HVAC	Efficiency	Market Rate Residential Sector	recommended								
	rebates				70.83	74.00	68.00	89.00	74.00	52.00	68.00	
16	Residential Energy Audit Online - w/o rebates	Efficiency	Market Rate Residential Sector	No rebates	47.00	42.00	62.00	76.00	46.00	24.00	32.00	
17	Dobatos for New Home	F#:	Madest Data Dasids (C.) Octob	Incentives for building above code as well as specific	41.00	72.00	02.00	1 3.00	40.00	24.00	02.00	
17	Construction	Efficiency	Market Rate Residential Sector	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/	PR/education	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy	50.00	50.00	00.00	00.00	7/ 00	40.00	55.00	
	marketplace coupons)			saving measures Sense, Bidgely	56.00	58.00	36.00	68.00	74.00	48.00	52.00	
19	w/ Alerts	Efficiency	Market Rate Residential Sector	Joniso, Diugely	61.50	68.00	66.00	73.00	60.00	40.00	62.00	
				Current program using old switch technology. Greater focus on								
20	DLC-AC, Water Heaters and 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								
	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	All colds and a second	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	
				Direct control of smart devices supplied by customers including		10.00	03.00	01.00	55.50	72.00	02.00	
23	Bring-Your-Own-Device	DR	All residential and small nonresidential	Smart thermostats, pool pumps, generators, smart plugs, smart								
23	Program	וטו/	This residential and small nonlesidential	outlets, water heaters, room AC, hotel HVAC units								
24	Nonres Demand Response	DR	Large Negrosidential	Current program- which is more of a manual DR	70.00 64.17	68.00 50.00	64.00 72.00	88.00 77.00	78.00 56.00	66.00 60.00	56.00 70.00	
24	·	Ν	Large Nonresidential	Add industrial and other interested customers- change	04.17	30.00	72.00	77.00	30.00	00.00	70.00	
25	Nonres Demand Response	DR	Large Nonresidential	incentive structure- target energy intensive customers (still								
	Enhancement			manual DR)	62.17	50.00	72.00	77.00	52.00	60.00	62.00	Model for Cost-Effectiveness
26	Peak Time Rebates	DR	All residential and small nonresidential	Behavioral/ voluntary DR	68.83	60.00	76.00	87.00	50.00	72.00	68.00	Model for Cost-Effectiveness

Case No. 2022-00402

Attachment to Response to PSC-1 Question No. 3(a)
Page 2 of 20
Revigator

												Bevington
	Scoring											
		e numbered item ir	n the Review Checklist. Score ea	ach proposal 0-2 for each category.								
	0 = Does not meet criteria or pro	roposal does not	include adequate information t	to evaluate								
	1 = Partially meets criteria											
	2 = Fully meets criteria											
	SCORE represents the total of the											
	Proposed Program Name	Program Type	Segment	Program Description	Score - Average	Evaluator1	Evaluator2	Evaluator3	Evaluator4	Evaluator5	Evaluator6	Comments
27	Managed Charging (Passenger- Residential)	DR	All residential	No charger rebate included. Telematics method- charging location does not matter	52.17	54.00	46.00	63.00	52.00	50.00	48.00	Model for Cost-Effectiveness
	Managed Charging (School			No charger rebate included	32.17	34.00	40.00	63.00	52.00	30.00	48.00	Model for Cost-Effectiveness
28	Buses)	DR	All Nonresidential	INO charger repare included	46.00	54.00	42.00	56.00	30.00	46.00	48.00	
				Current program - prescriptive, custom (with incentive cap),	40.00	34.00	42.00	30.00	30.00	40.00	40.00	
29	Business Rebates	Efficiency	All Nonresidential	new construction, and small biz kits	71.83	54.00	64.00	85.00	78.00	70.00	80.00	
				Redesigned program with incentives for kWh and kW on	7 1100	U 1100	000	00.00	10.00	70.00	55.55	
				custom; higher/no incentive cap on custom; increase eligibility								
30	Business Rebates V2	Efficiency	All Nonresidential	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	
31	Energy Financing	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
			All Nonresidential	Incentives for installing green roofs	35.50	42.00	40.00	49.00	20.00	12.00	50.00	
33		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	
34	Small business Behavioral	Efficiency		Small business energy reports (printed and email)								
	(HERs)	,	Small nonresidential		53.83	44.00	60.00	75.00	62.00	28.00	54.00	
				Process optimization education for continuous energy								
35	Strategic Energy Management	Efficiency		improvement with a targeted cohort of participants (3-5 businesses within similar industry); long term savings								
			Large Nonresidential	achievement goals	58.50	70.00	68.00	55.00	40.00	56.00	62.00	
	Nonresidential Midstream			Incentives provided to lighting distributors to stock and sell high		70.00	00.00	33.00	40.00	30.00	02.00	
36	Lighting	Efficiency	All Nonresidential	efficiency equipment	68.67	56.00	60.00	82.00	66.00	74.00	74.00	Model for Cost-Effectiveness
	Ligiting			Requires ramp up time for conversion- requires hand holding	25101	23100	23.00	22.00	25.00	. 1100	. 1100	
37	LED Streetlighting	Efficiency		for implementation- Company owned streetlights with bill								
	3 . 3		Nonresidential	payers (is it recoverable by DSM?)	61.00	58.00	54.00	64.00	64.00	72.00	54.00	
	Bidirectional Flow on EVs			Must be utility-supplied resource (not on-site generation)								
38	(Fleets, School Buses and	DR										
	Passenger)		All customers		37.67	42.00	38.00	52.00	32.00	24.00	38.00	
39	Energy Storage	DR	All Nonresidential	Incentives for batteries with direct enrollment in DR	44.00	52.00	38.00	56.00	32.00	40.00	46.00	

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	Complexity/Value Matrix- top left Quadrant=2; bottom right quadrant = 1, others = 0
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

																Bevington
Propo	sal Scoring Matrix: Eva	luator 1														g.v
	Scoring															
	Each category corresponds to the 0 = Does not meet criteria or pro		cklist. Score each proposal 0-2 for each category.													
	1 = Partially meets criteria	posar does not include adequal	e information to evaluate													
	2 = Fully meets criteria															
	SCORE represents the total of the	he checklist criteria weighted by	priority						Does the	Progran	m					
	,	<u> </u>							Value?	Ĭ						
Р	roposed Program Name	Segment	Program Description	Score	Comments	ce Demand?	Energy/	a History of Cost-Effectiveness: Ti Disadvantaged Communities?	in Deaveningen Collinium intes ? ire Few Cross-Departmental Resources to Deliver Higher Customer	Minimal External and/or Software Start Up Costs?	larket Proven Technology?	for Easy Customer Participation? ale Customers?	at PPL Companies?	ote Local Workforce? we Indoor Health 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	70.00	000	Redu	Save 1	Beneficial Sene	inbey 2	Have	Use M	Allow Educe	2 2	Prome		
2	WeCare with Shade Trees	residential Limited Income single family	increased health & safety funding) Current WeCare program design with the addition of planting	70.00	0.00	+ 0	1 0	12	2	2	2 2	+ -	2 2	2 2		
2		residential	one tree	54.00	0.00	0	1 0	1	1	2	2 2	2	2	2 1		
	WeCare V2	Limited Income single family residential	WeCare that is focused on high impact measures (whole building measures- data-driven targeting) (w/ increased Inflation													
3		residential	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	2 2	2 2		
4	LI Multifamily- whole building	Limited Income multifamily	Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires													
	21 Matalanny Whole banding	residential	both residential and nonresidential measures)	80.00	0.00	1	2 1	2	1	1	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	, ¯	2 2	1		2 0		
6		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	1 0	requires wifi	
7	WeCare Audit Direct Enrollment (PTR)	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	Market Rate Residential Sector	Free pick up of functioning, older refrigerators and freezers +	78.00	0.00	4	2 2	2	,	2	2 2		2 0	,		
9		Market Rate Residential and Smal	incentive I Incentives provided to HVAC distributors to stock and sell high	10.00		+ '-		-		4		1	1 2 1 0	J U		
9	fuel)	Nonresidential Sector	efficiency units	52.00	0.00	0	2 2	0	2	1	2 2	0	0)		
10	Downstream Rebates	Market Rate Residential Sector	HVAC, Thermostats, Air Sealing, Insulation, efficient EV chargers, water heating w/DR enablement (includes gas rebate													
			options)	60.00	0.00	2	2 2	0	2	1	2 1	0	C	0 0		
11	Online Transactional Marketplace	Market Rate Residential Sector	Thermostats (with direct enrollment to DR), smart plugs, holiday	74.00	0.00	2	2 2	1	2	,	2 2	0	2 0	, ,		
12	Energy Financing		example: 5 year cap 0% interest (third-party financing, not on-	14.00		-		+ '	+ + +	-	- -	+ "	+ + + +	- 0		
IZ	,	Market Rate Residential Sector	bill)	56.00	Model for Cost-Effectiveness	0	2 2	0	2	1	2 2	1	0	0 0		
13	Behavioral/HERs	Market Rate Residential Sector	Home energy reports program (paper/mail and email); behavioral savings; communication direct with customer	66.00	0.00	0	2 2	1	2	1	2 2	2		0 0		
14	Fuel switching Electric to Gas	Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas HVAC									-				
<u> </u>	Residential Energy Audit Online -		Includes enhanced Wx and HVAC rebates where recommended	66.00	0.00	2	2 0	2	1	2	2 0	0	2 2	2 1		
15	w/ water heater and HVAC		iniciados cimanoed vix and rivido repates where recommended													
	rebates	Market Rate Residential Sector	No rehates	74.00	0.00	1	2 2	0	2	1	2 2	2	2 1	1 1		
16	Residential Energy Audit Online - w/o rebates	market Rate Residential Sector	No rebates	42.00	0.00	0	0 1	0	2	1	2 2	2		0 0		
17	Rebates for New Home		Incentives for building above code as well as specific incentives								, .	T -				
	Obstant Education And	Market Rate Residential Sector	for targeted controllable measures/ heat pumps Curriculum and materials + marketplace coupons for energy	72.00	0.00	1	2 2	+1	2	2	2 2	10	2 0	0		
10	markatalana agunana)	Market Rate Residential Sector	saving measures	58.00	0.00	0	1 0	2	2	2	2 2	2	0	0 0		
19	Load Disaggregation Software w/ Alerts	Market Rate Residential Sector	Sense, Bidgely	68.00	0.00	4	1 2	2	,	,	2 4	2		, ,		
	AIEITS			00.00	0.00	1 1	1 1 2	2	2		Z [1	2	1 1 0	JU	<u>I</u>	

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	Scoring	and the second state of the Decision Observation	lifet Occasional access to the contract of the														
			cklist. Score each proposal 0-2 for each category.														
	1 = Partially meets criteria	oposal does not include adequate	e information to evaluate														
	2 = Fully meets criteria																
	,																
	SCORE represents the total of t	the checklist criteria weighted by	priority						Does	the Progra	m						
										Ĭ							
F	roposed Program Name	Segment	Program Description	Score	Comments	duce Demand?	не Епегду/?	ve a History of Cost-Effectiveness?	nen Disavvaniagen Communines? quire Few Cross-Departmental Resources to Deliver Higher Customer Value	ve Minimal External and/or Software Start Up Costs?	e Market Proven Technology?	ow for Easy Customer Participation?	ucale Customers? st at PPL Companies?	mote Local Workforce?	prove Indoor Health and Comfort?	Comments	Recommendation
1						<u>\$</u>	Save	dave	Sed Se	lave	Jse		isi G	[[E	l de		
	DLC-AC, Water Heaters and		Current program using old switch technology. Greater focus on			1	0)		- LE			4	ш_Ш	-			
	Pool Pumps (Current Program)	All residential and small	summer peak (water heaters are year round) (ramp down														
L_ '		nonresidential	participation with switch failures)	54.00	Consider if this should be modeled for cost-effectiveness	1	0 2	2 0	2	2	2 2	2 0	2	0	0		
	DLC-AC and Water Heaters and		Replace failing cellular devices with paging. Greater focus on														
21	pool pumps (increased budget for		summer peak (water heaters are year round) (ramp down														
	device replacement- 15,000 CSV	nonresidential	participation with switch failures)														
	devices)			62.00	Consider if this should be modeled for cost-effectiveness	2	0 2	2 0	2	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														
		nonesidential		76.00	0.00	2	2 2	2 0	2	2	2 2	2 1	2	0	0		
	Bring-Your-Own-Device Program	l., ., .,	Direct control of smart devices supplied by customers including														
23		All residential and small nonresidential	Smart thermostats, pool pumps, generators, smart plugs, smart														
		nonresidentiai	outlets, water heaters, room AC, hotel HVAC units	68.00	0.00	1		, ,	,	4	, ,	2 0	2	0	_	RI energy connected devices	
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	50.00	0.00	1		0	2	2	2 0			0		I'd ellergy conflected devices	
	Nonres Demand Response	Large Norresidential	Add industrial and other interested customers- change incentive	00.00	0.00	_	° -	Ť	+			-		+ ů	L °		
25	Enhancement	Large Nonresidential	structure- target energy intensive customers (still manual DR)														
		g		50.00	Model for Cost-Effectiveness	1	0 2	2 0	2	2	2 0) 2	!	0	0		
26	Peak Time Rebates	All residential and small	Behavioral/ voluntary DR														
20		nonresidential		60.00	Model for Cost-Effectiveness	1	0 2	2 1	2	1	2 2	2 2	!	0	0		
27	Managed Charging (Passenger-	All residential	No charger rebate included. Telematics method- charging		Madalfas Ocal Effections	١.		. .	1 -	,		, ,			_		
	Residential)		location does not matter	54.00	Model for Cost-Effectiveness	2	0 1	0	2	1	2 2	2 2	-	0	0		
28	Managed Charging (School	All Nonresidential	No charger rebate included	54.00	0.00	2	0 1		2	4	2 2	, ,	.	0	0		
	Business Rebates		Current program - prescriptive, custom (with incentive cap), new	U-7.00		+	 	-	+-	 	- -	+-		-	_ ·		
29		All Nonresidential	construction, and small biz kits	54.00	0.00	0	1 2	2 0	2	2	2 2	2 1		0	0		
	Business Rebates V2		Redesigned program with incentives for kWh and kW on														
I			custom; higher/no incentive cap on custom; increase eligibility														
30		All Nonresidential	cap for participation; remove look back allowances (submission														
1			for incentives after project start/completion); increased budget		0.00	١.		. .			_ .	. .			١.		
<u> </u>			for more focused implementation/targeting	70.00	0.00	1	2 2	2 0	2	2	2 2	2 1	2	0	0		
31	Energy Financing	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on-	54.00	Model for Cost-Effectiveness	0	2 2	2 0	1	2	2 2	2 0	.	,	0		
32	Green Roofs	All Nonresidential	bill) Incentives for installing green roofs		0.00		1 0							2	_		
		Small nonresidential	Small business audits with direct install low cost measures		0.00											PPL SB Direct Install Program	
34	Small business Behavioral (HERs)	Small nonresidential	Small business energy reports (printed and email)	44.00	0.00	0						2 2		0			
	Strategic Energy Management		Process optimization education for continuous energy														
35		Large Nonresidential	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	2 0	2	2	2 2	2 2		0	0		
36	Nonresidential Midstream	All Nonresidential	Incentives provided to lighting distributors to stock and sell high		Model for Cost-Effectiveness	0				2	2 2			0			
-	Lighting LED Streetlighting		efficiency equipment Requires ramp up time for conversion- requires hand holding for	30.00	INIOUGI IOI COST-EIIBULIVBIIBSS	U	 ' '	: 10	+ -	-	4 2	4 0	+	U	U		
37	LLD Sueenghing	Nonresidential	implementation- Company owned streetlights with bill payers (is														
I		To a coluction	it recoverable by DSM?)	58.00	0.00	0	2 1	2	1	2	2 2	2 n		0	0		
			,								- -				. ·		

Case No. 2022-00402

Attachment to Response to PSC-1 Question No. 3(a)
Page 6 of 20

														Bevir
Scoring														
	he numbered item in the Review 0	Checklist. Score each proposal 0-2 for each category.												
0 = Does not meet criteria or	proposal does not include adeq	uate information to evaluate												
1 = Partially meets criteria														
2 = Fully meets criteria														
SCORE represents the total of	of the checklist criteria weighted	l by priority						Does	he Progran	n				
Proposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?	заче Епетду?		Jenerit Disadvanlaged Communities? Require Few Cross-Departmental Resources to Deliver Higher Customer Value?		Jse Market Proven Technology? Allow for Faso Customer Particination?	ducate Customers?	Exist at PPL Companies?	Promote Local Workforce?	Comments Recommendation
Bidirectional Flow on EVs		Must be utility-supplied resource (not on-site generation)			~	0)		<u> </u>		<u>ه</u> رد	ш	ш		
(Fleets, School Buses and	All customers	, and the same of												
Passenger)				0.00	2	0	1 0	0	1	1 2	2	- 1	0 0	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	0

Drone	sal Scoring Matrix: Eva	vlustor 3	T															
РГОРО	sai scoring watrix: Eva	indutor 2																
	Scoring																	
	Each category corresponds to the		klist. Score each proposal 0-2 for each category.															
	0 = Does not meet criteria or pro 1 = Partially meets criteria	oposal does not include adequate	information to evaluate															
	2 = Fully meets criteria																	
	SCODE represents the total of t	the checklist criteria weighted by p	and a ride.						D	oes the P)ro arom							
	SCORE represents the total of t	the checklist criteria weighted by p	priority						Di	oes the P	rogram.							
F	roposed Program Name	Segment	Program Description	Score	Comments	teduce Demand?	Save Energy?	lave a History of Cost-Effectiveness?	Seneff Disadvantaged Communities?	Nequire Few Cross-Departmental Resources to Deliver Higher Customer Value?	lave Minmal External and/or Software Start Up Costs?	Jse Market Proven Technology? Allow for Easy Customer Participation?	ducate Customers?	Exist at PPL Companies?	Promole Local Workforce?	mprove Indoor Health 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 increased health &				S		<u>m</u>	~ :) <u>«</u>	ш.	ш.				
2	WeCare with Shade Trees	residential Limited Income single family	safety funding) Current WeCare program design with the addition of planting one	58.00	0.00	10	1	U	2	1 1	1	2	2	2	2	2		
		residential	tree	52.00	0.00	0	1	0	2	1 1	0	2	2	1	2	2		
	WeCare V2	Limited Income single family residential	WeCare that is focused on high impact measures (whole building measures- data-driven targeting) (w/ increased Inflation															
3			Reduction Act administration dollars which will help find increased															
			health & safety funding) Address tenant units with direct install measures + common areas	52.00	0.00	0	1	0	2	1 1	0	2	2	1	2	2		
4	LI Multifamily- whole building	Limited Income multifamily	with all analyst recommended improvements (requires both															
		residential	residential and nonresidential measures)	52.00	0.00	0	1	0	2	1 1	0	2	2	1	2	2		
5	Shade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	46.00	0.00	0	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							. 🗀	Ť		T		2			
	(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	66.00	0.00	2	0	1	2	1 1	2	1	2	1	2	1		
7	(PTR)	residential	smart thermostat is installed in a WeCare home	74.00	0.00	2	0	2	2 :	2 1	2	1	2	1	1	1		
8	Appliance Recycling	Market Rate Residential Sector	Free pick up of functioning, older refrigerators and freezers + incentive	68.00	0.00	1	2	,	0 :	, ,	1	,	1	1	2	0		
9	Midstream HVAC Rebates (dual	Market Rate Residential and Small	Incentives provided to HVAC distributors to stock and sell high			Ė				- -	+	+-	†	T .	_			
,	fuel)	Nonresidential Sector Market Rate Residential Sector	efficiency units	56.00	0.00	1	2	1	0	1 2	1	2	1	1	0	1		
10	Downstream Rebates	imarket vare vesideurar sector	HVAC, Thermostats, Air Sealing, Insulation, efficient EV chargers, water heating w/DR enablement (includes gas rebate options)	50.00	0.00	1		1	,	, ,	,		1	1	٨			
11	Online Transactional Marketplace	Market Rate Residential Sector	Thermostats (with direct enrollment to DR), smart plugs, holiday		0.00	Ľ	-	<u>, </u>	,	<u>. </u>			1		0			
12	Energy Financing	Market Rate Residential Sector	lighting example: 5 year cap 0% interest (third-party financing, not on-bill)	70.00	Model for Cost-Effectiveness		2	4	0 1		1.	1	+		Î			
13	Pohovioral/UEDs		Home energy reports program (paper/mail and email); behavioral	48.00		10	2	U	4 '	<u>u 1</u>	+1	10	12	10	2	2		
	Behavioral/HERs	Market Rate Residential Sector	savings; communication direct with customer	76.00	0.00	1	2	2	1	1 2	2	2	2	1	0	1		
14	Fuel switching Electric to Gas	Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas HVAC	42.00	0.00	1	1	1	0	1 1	1	0	1	2	1	1		
15	Residential Energy Audit Online - w/ water heater and HVAC		Includes enhanced Wx and HVAC rebates where recommended															
	rebates	Market Rate Residential Sector Market Rate Residential Sector	No rebates	68.00	0.00	1	2	2	1	1 0	2	2	2	1	0	1		
16	w/o rebates	Manyer Ivare ivesing in 196001		62.00	0.00	1	2	1	1	1 0	2	2	2	1	0	1		
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	54.00	0.00	1	2	1_	0	1 2	1	0		1	0	2		
18	Student Education (w/ marketplace coupons)	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	36.00	0.00	0	1	1	0	1 1	2	. 0	2	0	0	0		
19	1 10: 1: 0.0 /	Market Rate Residential Sector	Sense, Bidgely	00.00				,	,					Ι.				
	Alerts			66.00	0.00	1 2	2	1	1	1 0	2	1	1 2	1 1	0	2		

	Scoring Each category corresponds to the	numbered item in the Design Charle	klist. Score each proposal 0-2 for each category.				-		_	-	-				
		numbered item in the Review Check oposal does not include adequate													
	1 = Partially meets criteria	procur accomor morado adoquato	The state of the s												
	2 = Fully meets criteria														
	SCORE represents the total of ti	he checklist criteria weighted by	priority					Do	oes the Pr	ogram					
			<u> </u>							Ì					
	Proposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?	save Energy / Kave a Hisbry of Cost-Effectiveness?	Benefit Disadvantaged Communities?	Require Few Cross-Departmental Resources to Deliver Higher Customer Value? Hause Minimal External and/or Scrituare Chart In Crate?	heve milling i Exemina anuon Souwae Sant Op Costs ? Ike Markat Proven Technolom/?	ose mainet irroven i edinology? Allow for Easy Customer Participation?	Educate Oustomers?	Exist at PPL Companies?	Promide Local Workforce?	Comments Recommendation
-	DLC-AC, Water Heaters and Pool Pumps (Current Program)		Current program using old switch technology. Greater focus on			2 0	ガー 主	<u> </u>	ž i	<u> </u>	5 Z	ш	- û	<u> </u>	
20	Pumps (Current Program)	All residential and small nonresidential	summer peak (water heaters are year round) (ramp down												
		Homesiachtai	participation with switch failures)	44.00	Consider if this should be modeled for cost-effectiveness	1 0	2	0 2	2 2	1	0	1	1	0 0	no winter DR ability so scored as 1
	DLC-AC and Water Heaters and	All and desired and arrell	Replace failing cellular devices with paging. Greater focus on												
21	pool pumps (increased budget for	All residential and small	summer peak (water heaters are year round) (ramp down												
	device replacement- 15,000 CSV	nonresidential	participation with switch failures)	40.00	Consider if this should be madeled for each effectives	, ,	_	. ا ، ا	, ,	_		,	. [no winter DB shifts so covered as 1
-	devices)		lander for the state of the sta	40.00	Consider if this should be modeled for cost-effectiveness	1 1 0	2	U 2	4 2	1 0	0	1	1	U 0	no winter DR ability so scored as 1
	Smart Thermostat Rebate and	All residential and small	Incentive for purchase of smart thermostat when customers												
22		nonresidential	enrolls in Smart Thermostat or Peak Time rebates DR programs	05	0.00		1.			1 .	1.1	,	_ [_
			B	66.00	0.00	2 1	2	0 2	2 1	2	1	1	2	0 2	
	Bring-Your-Own-Device Program	l., ., ., .	Direct control of smart devices supplied by customers including									1 1			
23		All residential and small	Smart thermostats, pool pumps, generators, smart plugs, smart				1						- 1		
		nonresidential	outlets, water heaters, room AC, hotel HVAC units	64.00	0.00	, .	2	. ا ، ا	, ,	2	1 . 1	,	. [,
24	Nonroe Domand Beanans -	Large Managedaptical	Current program, which is more of a manual DD	64.00 72.00	0.00	2 1		0 2	2 1		2	1	1	1 0	
24	Nonres Demand Response Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	72.00	0.00	2 1	+ -	1 0 1 2	2 2	+-	+ 4	1		1 0	
25	Nonres Demand Response Enhancement	Large Nonresidential	Add industrial and other interested customers- change incentive structure- target energy intensive customers (still manual DR)												
23	Limidilicilicili	Large Normestucillal	Total octure - target energy intensive customers (still manual DR)	72.00	Model for Cost-Effectiveness	2 1	2		2 2	2	1 2	₁	2	1 1 1	,
	Peak Time Rebates	All residential and small	Behavioral/ voluntary DR	. 2.00		+ - + - '	+-	<u> </u>	-+-	+-	+ + +		-+	· °	1
26		nonresidential	·	76.00	Model for Cost-Effectiveness	2 1	2	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 1	2	1 1	。	1	0 0	
28	Managed Charging (School	All Nonresidential	No charger rebate included	42.00	0.00		1		. .				.	0 0	
	Buses)		Current program - prescriptive, custom (with incentive cap), new	42.00		2 1	T .	U 1	1 0	2	1	U	1	0 0	
29		All Nonresidential	construction, and small biz kits	64.00	0.00	1 2	2	0 2	2 2	2	1	0	2	1 0	
ı	Business Rebates V2		Redesigned program with incentives for kWh and kW on custom;												
30		All Managerial	higher/no incentive cap on custom; increase eligibility cap for												
30		All Nonresidential	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		, ,	,	1 1	,	2	1 0	.
	Energy Financing		example: 5 year cap 0% interest (third-party financing, not on-bill)	70.00		+ + +	+-	 	+-	+-	+ '+		-+	- "	+
31		All Nonresidential	(unit party interiority, not or only	40.00	Model for Cost-Effectiveness	1 2	0		0 1	1	1	_1	0	1 2	<u> </u>
		All Nonresidential	Incentives for installing green roofs	40.00	0.00	2 2	0	0 1	1 1	1	0	0	0	1 1	
33		Small nonresidential	Small business audits with direct install low cost measures	56.00	0.00	1 2	2	0 1	1 1	1	2	1	1	0 0	
34	Small business Behavioral	Small nonresidential	Small business energy reports (printed and email)		0.00	\square		\Box							
	(HERS)	omai nomodiuoniidi		60.00	0.00	1 2	2	0 2	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												
1			businesses within similar industry); long term savings achievement goals	68.00	0.00	2 2	2	0 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	60.00	Model for Cost-Effectiveness	2 2		0 2	, ,	4			,	0 0	
—	LED Streetlighting		efficiency equipment Requires ramp up time for conversion- requires hand holding for	00.00	Initiation Cust Ellective liess	 	+-	" 2	-	+-	1 4			J 0	+ +
37	225 Oncongruing	Nonresidential	implementation- Company owned streetlights with bill payers (is it				Ι.		. .						
-	Districtional Floring SV 751		recoverable by DSM?)	54.00	0.00	2 2	1	U 1	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)												
33	Solico, Busco and Fassonger)	, iii odololilolo		38.00	0.00	2 0	1	0 1	1 1	2	0	₁	0	0 0	confirm save energy is no?
		l .	L			0			_ '				-	- 1 "	, v

Case No. 2022-00402 Attachment to Response to PSC-1 Question No. 3(a) Page 9 of 20 Bevington

Scoring				
Each category corresponds to the	numbered item in the Review Chec	klist. Score each proposal 0-2 for each category.		
0 = Does not meet criteria or pro	oposal does not include adequate	information to evaluate		
1 = Partially meets criteria				
2 = Fully meets criteria				
SCORE represents the total of t	the checklist criteria weighted by	priority		Does the Program
Proposed Program Name	Segment	Program Description	Score Comments	Reduce Demand? Save Energy? Have a History of Coast-Effectiveness? Reurelt Disadvanlaged Communities? Require Few Cross-Department at Resources to Defiver Higher Customer Value? Have Minimal External andor Software Start Up Costs? Alow for Easy Customer Participation? Exist at PPL Companies? Promote Local Workforce? Improve Indoor Headth and Comfort?
9 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 0 0 confirm save energy is no?

Scoring	coring Matrix: Eval								1								
Scoring																	
Scoring																	
	10																
Each ca	category corresponds to the n	numbered item in the Review Checkl	list. Score each proposal 0-2 for each category.														
	es not meet criteria or pro artially meets criteria	posal does not include adequate	information to evaluate														
	Illy meets criteria																
SCORE	E represents the total of th	ne checklist criteria weighted by p	priority						Does th	ne Program	m						
	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								Ť							
Proposed	ed Program Name	Segment	Program Description	Score	Comments	uoe Demand?	e Energy)	e a mistory of cost-emediveness? efit Disadvantaged Communities?	uire Faw Cross-Departmental Resources to Deliver Higher Customer Value'	e Minimal External and/or Software Start Up Costs?	Market Proven Technology?	w for Easy Customer Participation? cate Oustomers?	d at PPL Companies?	note Local Workforce?	rove Indoor Health and Comfort?	Comments	Recommendation
			Increase eligibility to 300% FPL (w/ increased Inflation Reduction			260	Sav	Hav Ben	Red	Τaγ	S :	Allo	Exis	Pro	麆		
1 LMI We		Limited Income single family residential	Act administration dollars which will help find increased health & safety funding)	79.00	0.00												
2 WeCare	re with Shade Trees	Limited Income single family residential	Current WeCare program design with the addition of planting one tree	80.00	0.00	1											
WeCare 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	30.00													
			health & safety funding)	70.00	0.00												
4 I I Multit	tifamily- whole building		Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires both														
T LI MUIU	,	residential	residential and nonresidential measures)	83.00	0.00												
5 Shade	Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	52.00	0.00												
6 WeCare	re Audit Direct Enrollment	Limited Income single family	Automatic enrollment in smart thermostat DR when a smart														
(Smart	t Thermostat DR)	residential	thermostat is installed in a WeCare home	92.00	0.00										_		
7 (PTR)		residential	Automatic enrollment in peak time rebates DR program when a smart thermostat is installed in a WeCare home	86.00	0.00												
8 Applian			Free pick up of functioning, older refrigerators and freezers +		0.00					\Box							
	eam HVAC Rebates (dual	Market Rate Residential and Small	incentive Incentives provided to HVAC distributors to stock and sell high						+						\dashv		
fuel)		Nonresidential Sector	efficiency units HVAC, Thermostats, Air Sealing, Insulation, efficient EV	76.00	0.00	+	-	_	\vdash		_	_	1		_		
10 Downst	stream Rebates		chargers, water heating w/DR enablement (includes gas rebate options)	78.00	0.00												
11 Online	Transactional Marketplace		Thermostats (with direct enrollment to DR), smart plugs, holiday lighting	81.00	0.00												
12 Energy	/ Financina	Market Rate Residential Sector	example: 5 year cap 0% interest (third-party financing, not on-bill)	70.00	Model for Cost-Effectiveness										_		
13 Behavio	ioral/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 sw	witching Electric to Gas	Market Rate Residential Sector	Incentives to switch customers from electric HVAC to gas HVAC		0.00												
Resider 15 w/ wate	ential Energy Audit Online - er heater and HVAC		Includes enhanced Wx and HVAC rebates where recommended	85.00													
rebates	s	Market Rate Residential Sector Market Rate Residential Sector	No rebates	89.00	0.00				\vdash			+			\dashv		
w/o reb		mariot rate residential occio		76.00	0.00			_	\sqcup		\perp	_					
Constru	ruction	Market Rate Residential Sector	Incentives for building above code as well as specific incentives for targeted controllable measures/ heat pumps	86.00	0.00			\perp									
marketr		Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	68.00	0.00										\perp		
19 Load Di Alerts	Disaggregation Software w/	Market Rate Residential Sector	Sense, Bidgely	73.00	0.00												

-	Scoring Each estagon corresponds to the	numbered item in the Deview Ob	cklist. Score each proposal 0-2 for each category.						-	-	+	-	_		
		oposal does not include adequate													
	1 = Partially meets criteria	oposar does not merade adequate	e information to evaluate												
	2 = Fully meets criteria														
	00000							D-	th - D						
	SCORE represents the total of t	the checklist criteria weighted by	/ priority				_	Do	oes the Pro	gram				_	
	Proposed Program Name	Segment	Program Description	Score	Comments	seduce Demand?	ave Energy/ ave a His bry of Cost-Effectiveness?	enefit Disadvantaged Communities?	Require Few Cross-Departmental Resources to Deliver Higher Customer Value? are Minimal External andfor Software Start Up Costs?	Se Market Proven Technology?	llow for Easy Customer Participation?	ducate Customers?	xist at PPL Companies?	romale Local Workforce? romove Indoor Health and Conflort?	Comments Recommendation
	DLC-AC, Water Heaters and Pool Pumps (Current Program)	All residential and small	Current program using old switch technology. Greater focus on			ě .	ğ <u>Ŧ</u>	Be	<u>ĕ</u> <u>£</u>	s s	W		<u> </u>	- R - H	
20	Pumps (Current Program)	nonresidential	summer peak (water heaters are year round) (ramp down participation with switch failures)	73.00	Consider if this should be modeled for cost-effectiveness										
	DLC-AC and Water Heaters and		Replace failing cellular devices with paging. Greater focus on	10.00											
21	pool pumps (increased budget for	All residential and small	summer peak (water heaters are year round) (ramp down												
21	device replacement- 15,000 CSV	nonresidential	participation with switch failures)												
	devices)		i '	81.00	Consider if this should be modeled for cost-effectiveness										
	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												
	D: V O D : D	Horncolocition	5: 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	91.00	0.00		_		_	-		_	_		
	Bring-Your-Own-Device Program	All and death and areall	Direct control of smart devices supplied by customers including												
23		All residential and small nonresidential	Smart thermostats, pool pumps, generators, smart plugs, smart outlets, water heaters, room AC, hotel HVAC units												
		nomesiacitiai	outets, water ricaters, room 70, noter 11770 units	88.00	0.00										
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	77.00	0.00					T T					
	Nonres Demand Response		Add industrial and other interested customers- change incentive				1								
25	Enhancement	Large Nonresidential	structure- target energy intensive customers (still manual DR)				1								
				77.00	Model for Cost-Effectiveness										
26	Peak Time Rebates	All residential and small	Behavioral/ voluntary DR	87.00	Model for Cost-Effectiveness										
	Managed Charging (Passenger-	nonresidential	No charger rebate included. Telematics method- charging	07.00	INOUGH OF CUSPELIEULIVENESS	++	+		+	1	+	+	+	_	
27	Residential)	All residential	location does not matter	63.00	Model for Cost-Effectiveness										
28	Managed Charging (School	All Nonresidential	No charger rebate included	56.00	0.00		1				1 T				
29	Buses) Business Rebates	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new								+	-+	+		
79		All Notiresidential	construction, and small biz kits	85.00	0.00	\vdash	1	\vdash		1	\perp				
	Business Rebates V2		Redesigned program with incentives for kWh and kW on custom;							1					
30		All Nonresidential	higher/no incentive cap on custom; increase eligibility cap for participation; remove look back allowances (submission for							1	1 1				<u> </u>
30		All INUTILESIDENIUM	incentives after project start/completion); increased budget for							1					
			more focused implementation/targeting	83.00	0.00					1					
31	Energy Financing	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on-bill)							1	\Box				
				79.00	Model for Cost-Effectiveness			\vdash	_	1	\sqcup	\perp	_		
32	Green Roofs	All Nonresidential	Incentives for installing green roofs	49.00	0.00	\vdash	+	\vdash		1	\vdash	-+	-+	_	
		Small nonresidential	Small business audits with direct install low cost measures	83.00	0.00	+	+	\vdash	_	\leftarrow	+	+	-+	_	
34	Small business Behavioral (HERs)	Small nonresidential	Small business energy reports (printed and email)	75.00	0.00					1					
	Strategic Energy Management		Process optimization education for continuous energy	. 3.00			+			t	\vdash	-	-		
35		Large Menropidential	improvement with a targeted cohort of participants (3-5							1					
33		Large Nonresidential	businesses within similar industry); long term savings				1								
			achievement goals	55.00	0.00	\vdash	+	\vdash	_	1	\vdash	-	_	_	
36	Nonresidential Midstream Lighting	All Nonresidential	Incentives provided to lighting distributors to stock and sell high	82.00	Model for Cost-Effectiveness		1								
	LED Streetlighting		efficiency equipment Requires ramp up time for conversion- requires hand holding for	02.00	model for Obst-Endureness		+		_	1	+	-+	-	_	1
37	000	Nonresidential	implementation- Company owned streetlights with bill payers (is it							1					
			recoverable by DSM?)	64.00	0.00										
	Bidirectional Flow on EVs (Fleets,		Must be utility-supplied resource (not on-site generation)							1	[
38	School Buses and Passenger)	All customers		52.00	0.00					1					
		1		32.00	0.00			\perp		1	\perp	1_			

Case No. 2022-00402 Attachment to Response to PSC-1 Question No. 3(a) Page 12 of 20 Bevington

Scoring				
Each category corresponds to the ni	numbered item in the Review Checklist. Score each proposal 0-2 for each category.			
	posal does not include adequate information to evaluate			
1 = Partially meets criteria				
2 = Fully meets criteria				
SCORE represents the total of the	e checklist criteria weighted by priority		Does the Program	
Proposed Program Name	Segment Program Description	Score Comments	Save Energy? Save Energy? Save Energy? Receit Disadvantaged Communities? Require Few Cross-Departmental Resources to Deliver Higher Customer Value? Require Few Cross-Departmental Resources to Deliver Higher Customer Value? Have Market Proven Technology? Allow for Easy Customer Part opation? Promote Local Workforce? Improve Indoor Health and Comfort? promote Local Workforce?	Recommendation
9 Energy Storage A	All Nonresidential Incentives for batteries with direct enrollment in DR	56.00 0.00		

Propo	sal Scoring Matrix: Evo	aluator 4																
		e numbered item in the Review Che roposal does not include adequat	cklist. Score each proposal 0-2 for each category. e information to evaluate															
	SCORE represents the total of	the checklist criteria weighted by	priority						Does	s the Pro	gram							
Р	roposed Program Name	Segment	Program Description	Score	Comments	Reduce Demand?	gy?	Have a History of Cost-Effectiveness? Reneft Disartvantaged Communities?	Require Few Cross-Departmental Resources to Deliver Higher Customer Value?	Have Minimal External and/or Software Start Up Costs?	Use Market Proven Technology?	Allow for Easy Customer Participation?	Educate Customers?	Exist at PPL Companies?	Promote Local Workforce?	Improve Indoor Health and Comfort?	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)	76.00	0.00	1 :	2 0) 2	2	2	2	1	2	1	2	2	Gave 1 for programs that achieve conincident peak demand reduction (2 for deliberate peak reduction)	
2	WeCare with Shade Trees	Limited Income single family residential	Current WeCare program design with the addition of planting one tree	72.00	0.00	1 :	2 0) 2	1	2	2	1	2	1	2	2	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	WeCare V2	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)	76.00	0.00	1 :	2 0) 2	2	1	2	2	2	1	2	2	Increased start up costs for geo-targeting; greater savings overall	
4	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)	72.00	0.00	1 :	2 0) 2	2	2	2	1	1	1	2	2		
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	0	1	0	0	2	0		
6	WeCare 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	2 0) 2	2	2	2	1	2	1	2	2		
7	WeCare 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	1	2	1	2	2		
8	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	2	1	2	2	0	2	2	0	If implementation is turnkey, I scored it as complexity is low	
9	Midstream HVAC Rebates (dual fuel)	Market Rate Residential and Small Nonresidential Sector Market Rate Residential Sector	Il Incentives provided to HVAC distributors to stock and sell high efficiency units HVAC, Thermostats, Air Sealing, Insulation, efficient EV	66.00	0.00	1 :	2 2	2 0	1	1	2	2	0	2	2	2		
10	Downstream Rebates Online Transactional	Madash Data Data Control	chargers, water heating w/DR enablement (includes gas rebate options) Thermostats (with direct enrollment to DR), smart plugs, holiday	66.00	0.00	<u> </u>	2 2	<u> </u>	1	1	2	1	1	2	2	2		
12	Marketplace Energy Financing	Market Rate Residential Sector Market Rate Residential Sector	lighting example: 5 year cap 0% interest (third-party financing, not on-	76.00	0.00 Model for Cost-	<u> </u>	2 2		1 2	1	2	2	1	2	0	2		
13	Behavioral/HERs	Market Rate Residential Sector	bill) Home energy reports program (paper/mail and email); behavioral savings; communication direct with customer	74.00	Effectiveness 0.00	1 1	2 0	0	2	2	2	0	0	0	1	1		
14	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 0	1	1	0	0	0	0	2	0		
15	Residential Energy Audit Online - w/ water heater and HVAC rebates	Market Rate Residential Sector	Includes enhanced Wx and HVAC rebates where recommended	74.00			2 2	2 0	1	1	2	2	2	2	2	2		
16	w/o rebates	- Market Rate Residential Sector	No rebates	46.00	0.00	1 :	2 0) 0	1	1	0	2	2	1	0	1		
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	66.00	0.00	1 :	2 2	2 0	1	1	2	2	0	2	2	2		
18	Student Education (w/ marketplace coupons)	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	74.00	0.00	1 :	2 2	2 0	1	1	2	2	2	2	2	2	Historical cost-effectiveness may be dependent on lighting measures that are no longer applicable	
19	Load Disaggregation Software w/ Alerts	Market Rate Residential Sector	Sense, Bidgely	60.00	0.00	2 2	2 2	2 0	0	0	2	2	2	0	0	0		

									_									
-	Scoring														-			
	Each category corresponds to the		hecklist. Score each proposal 0-2 for each category.															
	0 = Does not meet criteria or pr 1 = Partially meets criteria	roposal does not include adequ	uate information to evaluate								$-\Box$							
	2 = Fully meets criteria																	
	SCORE represents the total of	the checklist criteria weighted	by priority						Does	the Prog	ram							
ı	roposed Program Name	Segment	Program Description	Score	Comments	ă	Save Energy?	Nave 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 Technology?	Allow for Easy Customer Participation?	Educate Customers?	Exist at PPL Companies?	Promote Local Workforce?	Improve Indoor Health and Comfort?	Comments	Recommendation
	DLC-AC, Water Heaters and Pool Pumps (Current Program)		Current program using old switch technology. Greater focus on summer peak (water heaters are year round) (ramp down		Consider if this should be													
20	, ,	All residential and small nonresidential	participation with switch failures)		modeled for													
				66.00	cost- effectiveness	₁ ,	0 2	2	2	2	0	2	2	0 2	. .	0		
	DLC-AC and Water Heaters and		Replace failing cellular devices with paging. Greater focus on	00.00	Consider if this		-	+-	+ -	-		-	-	<u> </u>	+ '	<u> </u>		
21	pool pumps (increased budget for device replacement- 15,000 CSV devices)	All residential and small nonresidential	summer peak (water heaters are year round) (ramp down participation with switch failures)	54.00	should be modeled for cost- effectiveness	4 (0 2	2	0	0	2	1	2	0 2	,	0		
	Smart Thermostat Rebate and	AH	Incentive for purchase of smart thermostat when customers	34.00	ellectivelless		0 2		+ "	"	-	- +	2	0 2	+ '	0		
22	Managed (BYOT)	All residential and small nonresidential	enrolls in Smart Thermostat or Peak Time rebates DR programs	80.00	0.00	2 2	2 2	0	1		2	2	2	2 2	. .	2		
	Bring-Your-Own-Device Program	n	Direct control of smart devices supplied by customers including	00.00	0.00			Ť	<u> </u>		-					-		
23		All residential and small nonresidential	Smart thermostats, pool pumps, generators, smart plugs, smart outlets, water heaters, room AC, hotel HVAC units	78.00	0.00	2 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		Model for Cost-													
20	EIIIIaiiCellielii	Large Nonresidential	structure- target energy intensive customers (still manual DR)	52.00	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	2 0	1	0	0	1	2	2	0 0) (0		
27	Managed Charging (Passenger- Residential)	All 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		0.00		2 2		2	2	2	1	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		0.00		2 2		2	2	2	1			!	2		
31	Energy Financing	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on- hill)	46.00	Model for Cost- Effectiveness		2 0		2	2	2	0	0	0 1		1		
32	Green Roofs	All Nonresidential	Incentives for installing green roofs	20.00	0.00		1 0						•	٠ .				
33	Small business- Audit/ DI	Small nonresidential	Small business audits with direct install low cost measures	76.00	0.00		2 2			1	2				2 2			
34	Small business Behavioral (HERs)	Small nonresidential	Small business energy reports (printed and email)	62.00	0.00	1 2	2 1	1	2	0	1	2	2	0 0		2		
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	40.00	0.00	1 2	2 1	0	0	0	1	0	2	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		2 2		1	1	2	2	0	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	2 1	1	0	0	2	2	2	0 2		0		

Case No. 2022-00402 Attachment to Response to PSC-1 Question No. 3(a) Page 15 of 20 Bevington

0 = Does not meet criteria or p 1 = Partially meets criteria	he numbered item in the Review Che proposal does not include adequat	cklist. Score each proposal 0-2 for each category. e information to evaluate														
2 = Fully meets criteria SCORE represents the total o	f the checklist criteria weighted by	priority							the Prog	ıram						
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 Deliver Higher Customer Value?	Have Minimal External and/or Software Start Up Costs?	Use Market Proven Technology?	Allow for Easy Customer Participation?	Educate Customers?	Exist at PPL Companies?	Promote Local Workforce?	Comments Comments	Recommendation
Bidirectional Flow on EVs (Fleets, School Buses and Passenger)	All customers	Must be utility-supplied resource (not on-site generation)	32.00	0.00	2	0	0	0 1	1	1	2 (0	0 0	0		
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		

ropos	al Scoring Matrix: Eva	luator 5																
S	coring		Est Course and account of the course of the															
		numbered item in the Review Checkli oposal does not include adequate	list. Score each proposal 0-2 for each category.															
	= Partially meets criteria	posar does not merade adequate	Information to evaluate															
	= Fully meets criteria																	
S	CORE represents the total of t	he checklist criteria weighted by p	priority						Do	oes the Pr	rogram	_						
Pro	oposed Program Name	Segment	Program Description	Score	Comments	ce Demand?	Energy?	a History of Cost-Effectiveness?	ff Disadvantaged Communities?	ire Few Cross-Departmental Resources to Deliver Higher Customer Value?	Millinia External and Orsonware Start Op Costs. Jaket Proven Technolom?	for Easy Customer Participation?	ale Customers?	at PPL Companies?	ote Local Workforce?	we Indoor Health and Comfort?	Comments	Recommendation
	MI WeCare	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	Led Red	2 0) 2	2 2	2 2	2	AND	Educ 1	Exist 2	Б. 2	2 d	uncertain if LGE provides energy eductation during audits. IRA dollars could add uncertainty regardnig ability to distribute funds efficiently.	
2 W	VeCare with Shade Trees		Current WeCare program design with the addition of planting one		0.00		, T	, []	. -					_	آ ۾ ا	I . □.	The state of the s	
	VeCare V2	residential	tree 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)	32.00 78.00	0.00	2	2 0) 2	2 1	1 2	2	2	1	1	2		mplementation uncertainty. No EE/DR benefits. Would reduce WeCare cost effectiveness Assume this targets measures with coincident peak benefits.	
4 LI	I Multifamily- whole building	Limited Income multifamily	Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires both															
\rightarrow		residential	residential and nonresidential measures)	66.00	0.00	1	2 0	2	1	1 1	2	1	1	2	2	2	Assessed to the second	
5 S	hade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	28.00	0.00		، ا ،	, ,	, ,	1 1	1	,	,	ا ۱	ا ۱	0 4	Assume customers would be educated about proper planting and care. Assume customers would plant trees themselves rather than hiring local workforce.	
e w	VeCare Audit Direct Enrollment		Automatic enrollment in smart thermostat DR when a smart	20.00		U	- V	+	+-'	· '	1	+		_ ·	U			
	Smart Thermostat DR)	residential	thermostat is installed in a WeCare home	74.00	0.00	2	1 2	2 2	2 2	2 0	2	2	L_1	_0	2	0 A	Assume this would be CE since the costs are already accounted for in WeCare	
₇ W	VeCare Audit Direct Enrollment		Automatic enrollment in peak time rebates DR program when a							T							<u> </u>	
(F	PTR)	residential	smart thermostat is installed in a WeCare home	74.00	0.00	2	1 2	2 2	2 2	2 0	2	2	1	0	2	0		
8 A	ppliance Recycling	Market Rate Residential Sector	Free pick up of functioning, older refrigerators and freezers + incentive	72.00	0.00	,	, ,	, ,		, ,	,	,	,	,	0			
- 1			Incentive Incentives provided to HVAC distributors to stock and sell high	12.00	0.00	+-		+-	+	+ +	+-	+ 4	- J	-	U	· ·		
	iel)	Nonresidential Sector	efficiency units	66.00	0.00	1	2 2	2 0	1	1 1	2	2	_0	2	2	2		
10 D	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	2 0	1	1 2	2	1	0	2	2	2		
"	Inline Transactional Marketplace	Market Rate Residential Sector	Thermostats (with direct enrollment to DR), smart plugs, holiday lighting	64.00	0.00	1	2 2	2 0) 2	2 1	2	2	0	2	0	1		
	nergy 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 1	1 1	0	0 0	2	0	0	2	1	1		
13 B	ehavioral/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 1	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	2	0 0	,	, ,	2 1	,	1	0	0	2	0		
15 w	lesidential Energy Audit Online -		Includes enhanced Wx and HVAC rebates where recommended						+	+	-		J	J		s	Saves energy and demand, improves comfort only if customers install recommended measures with enhanced	
16 R		Market Rate Residential Sector Market Rate Residential Sector	No rebates	52.00	0.00	1	1 0	0	2	2 1	2	1	2	2	1	1 n	rebates	
W	/o rebates			24.00	0.00	0	0 0	0) 2	2 1	0	1	2	0	0	0		
'' C	lebates for New Home construction	Market Rate Residential Sector	Incentives for building above code as well as specific incentives for targeted controllable measures/ heat pumps	72.00	0.00	2	2 2	2 0) 2	2 2	2	0	0	2	2	2		
lo m	narketplace coupons)	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	48.00	0.00	0	0 1	1_1	2	2 1	1	2	2	2	0	0		
19 L	and Diagonaragetian Coffusors w/	Market Rate Residential Sector	Sense, Bidgely	40.00	0.00	1	1 0)	1	1 0	2	2	2	0	0	0		
		market Rate Residential Sector		40.00	0.00	1 1	1 0) I o) I 1	1 I 0	2	2	1 2	0	0	0		

	Canring																	
	Scoring Each category corresponds to the	e numbered item in the Review Check	klist. Score each proposal 0-2 for each category.						_									
	0 = Does not meet criteria or p	roposal does not include adequate																
	1 = Partially meets criteria 2 = Fully meets criteria					+			+	-		-	-		-			
	z - runy meets criteria								-	-								
	SCORE represents the total of	the checklist criteria weighted by	priority						Di	oes the P	rogram							
ı	Proposed Program Name	Segment	Program Description	Score	Comments	Demand?	egy?	a Hisbry of Cost-Effectiveness?	bisadvantaged Communities?	Few Cross-Departmental Resources to Deliver Higher Customer Value?	illina Externa anuon Sollware Start Op Costs? ket Proven Technology?	Easy Customer Participation?	Customers?	at PPL Companies?	Local Workforce?	Indoor Health and Comfort?	Comments	Recommendation
20	DLC-AC, Water Heaters and Por Pumps (Current Program) DLC-AC and Water Heaters and	nonresidential	Current program using old switch technology. Greater focus on summer peak (water heaters are year round) (ramp down participation with switch failures)	52.00	Consider if this should be modeled for cost-effectiveness	Reduce	O Save En	Have a F	Benefit L	2 2	O Use Mari	2 Allow for	O Educate	Exist at F	Promote	O		
21	DLC-AC and Water Heaters and pool pumps (increased budget for device replacement- 15,000 CS\ devices) Smart Thermostat Rebate and	r 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) Incentive for purchase of smart thermostat when customers	54.00	Consider if this should be modeled for cost-effectiveness	2	0	1 0)	1 1	2	2	2	2	0	0		
22	Managed (BYOT)	All residential and small nonresidential	enrolls in Smart Thermostat or Peak Time rebates DR programs	72.00	0.00	2	1	2 1	1 :	2 2	2	2	0	2	0	0		
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	66.00	0.00	2	0	2 1	.	2 2	2		0	2	0	0		
24	Nonres Demand Response	Large Nonresidential	Current program- which is more of a manual DR	60.00	0.00	2	0	2 0) :	2 2	2	1	1	2	0	0 Easy cu	customer access depends on if LGE shifts current manual progam to automated - assume yes	
	Nonres Demand Response	Large Nonresidential	Add industrial and other interested customers- change incentive structure- target energy intensive customers (still manual DR)		N 1 1 0 15% 5					Ι.								
26	Peak Time Rebates	All residential and small	Behavioral/ voluntary DR	60.00	Model for Cost-Effectiveness	2	0	2 0		2 2	2	1	1	2	0	0		
27	Managed Charging (Passenger-	nonresidential All residential	No charger rebate included. Telematics method- charging	72.00	Model for Cost-Effectiveness	2	1	2 1	, ;	2 2	2	1 2	2	0	0	0 progran	non description (desirer in unabour	
28	Residential) Managed Charging (School	All Nonresidential	location does not matter No charger rebate included	50.00	Model for Cost-Effectiveness		0	U	' '	2 2	2	+ +	1	1		U progran	am description/design is unclear	
29	Buses) Business Rebates	All Nonresidential	Current program - prescriptive, custom (with incentive cap), new	46.00	0.00	2	0	0 1	+	1 1	2	2	0	2	0	0		
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 startformpletion); increased budget for	70.00	0.00	1	2	2 0		2 2	2	1	0	2	2	2		
31	Energy Financing	All Manager in the state of the	more focused implementation/targeting example: 5 year cap 0% interest (third-party financing, not on-bill)	70.00	0.00	1	2	2 0) :	2 1	2	2	0	2	2	2		
		All Nonresidential		40.00	Model for Cost-Effectiveness	1	2				2	0	0	2	1	1		
	Green Roofs	All Nonresidential	Incentives for installing green roofs	70.00	0.00	0		0 0		0 0				0 2	0			
	Small business- Audit/ DI Small business Behavioral	Small nonresidential	Small business audits with direct install low cost measures Small business energy reports (printed and email)	70.00	0.00	1	2	2 0	' —	1 1	2	-	4		1	-		
34	(HERs)	Small nonresidential		28.00	0.00	1	1	0 0) .	1 0	0	1	2	0	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	56.00	0.00	1	2	1 0		1 1	1		,	,		2		
36	Nonresidential Midstream Lightin	9 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	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?)	72.00	0.00	1	2	2 1		2 2	2	2	0	0	2	0		
38	Bidirectional Flow on EVs (Fleets School Buses and Passenger)	All customers	Must be utility-supplied resource (not on-site generation)	24.00	0.00	2	0	0 0		0 0	2	1	0	0	0	0		

Case No. 2022-00402 Attachment to Response to PSC-1 Question No. 3(a) Page 18 of 20 Bevington

Scoring	numbered item in the Review Checklist. Score each proposal 0-2 for each category.			
0 = Doos not most evitorio or no	posal does not include adequate information to evaluate			
	posal does not include adequate information to evaluate			
1 = Partially meets criteria 2 = Fully meets criteria				
2 - Fully Meets Criteria				
SCORE represents the total of th	he checklist criteria weighted by priority		Does the Program	
SCORE represents the total of the	ne checklist chiena weighted by phonty		Does are mogram	
Proposed Program Name	Segment Program Description	Score Comments	Reduce Demand? Save Energy? Benefit Disadvantaged Communities? Require Few Cross-Departmental Resources to Definer Higher Customer Value? Require Few Cross-Departmental Resources to Definer Higher Customer Value? Benefit Disadvantaged Communities? Use Market Proven Technology? Exist at PPL Companies? Promote Local Workforce? Improve Indoor Health and Comfort?	Recommendation
39 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	<u> </u>

posal Scoring Matrix: Eva	aluator 6																	
								1										
Scoring	no numbered item in the Poview Ch	ecklist. Score each proposal 0-2 for each category.																
0 = Does not meet criteria or p	proposal does not include adequa	ate information to evaluate																
1 = Partially meets criteria																		
2 = Fully meets criteria																		
SCORE represents the total of	f the checklist criteria weighted b	y priority								Does the Program	1							
Proposed Program Name	Segment	Program Description	Score	Comments													Comments	Recommendation
					Reduce Demand?	Save Energy?	Have a History of Cost- ' Effectiveness?	Disadvantaged	Customer	Have Minimal External and/or Software Start Up Costs?	Proven		Educate	Exist at PPL Companies?	Promote Local Workforce?			
		Increase eligibility to 300% FPL (w/ increased Inflation Reduction Act administration dollars which will help find															Program isn't designed as a primary objective to reduce demand. Not shown to be cost-effective (but doesn't need to be). PPL does not offer moderate to low income at 300% FPL. (PPL's OnTrack and LIHEAP is 150%	
LMI WeCare	Limited Income single family	increased health & safety funding)															and WRAP and Operation Help is 200%). It may require departmental resources to provide locational services.	
WeCare with Shade Trees	residential Limited Income single family	Current WeCare program design with the addition of planting	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. Not demand focused. Not shown to be cost-effective (but doesn't need to be). Aligns well with PPL Wrap	
Wedate with Shade frees	residential	one tree															program. (PPL's OnTrack and LIHEAP is 150% and WRAP and Operation Help is 200%) PPL does not offer	
			76.00	0.00	1	2	0	2	1	2	2	2	2	1	2	2	Trees.	
WeCare V2	Limited Income single family residential	WeCare that is focused on high impact measures (whole 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	
	Testaeriuai	Reduction Act administration dollars which will help find															may require departmental resources to provide locational services and may require active implementer to locate	
		increased health & safety funding)	72.00	0.00	1	2	0	2	1	1	2	2	2	1	2	2	and target these customers. Concerns of not enough contractors available to meet the demand.	
LI Multifamily- whole building	Limited Income multifamily	Address tenant units with direct install measures + common areas with all analyst recommended improvements (requires															Not designed to reduced demand directly. Not shown to be C-E. May have costs to increase departmental resources and known to have higher impletementation cost for these hard to reach segment. PPL has a MF and	
Li matataniny whole ballang	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.	
Shade Trees	Limited Income single family residential	Incentives for planting trees that shade home/building	44.00	0.00		,		1	2	2	0	2	,	0	2		No shown to have save energy (or at least very minimal). Not shown to be C-E. Not proven. Not in PPL. Has the ability to improve air quality/comfort if large amount of trees are planted.	
WeCare Audit Direct Enrollment		Automatic enrollment in smart thermostat DR when a smart	44.00	0.00	-		+ •				- 0		2	- 0	2		Not firm resource. DR compotent may be cost-effective. Requires some intergation with departmental resources	
(Smart Thermostat DR)	residential	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.	
WeCare 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	72.00	0.00	1	2	1	2	1	1	2	2	2	0	2	0	Not firm resource. DR compotent may be cost-effective. Requires some intergation with departmental resources and software for tracking. No PPL. Does not improve comfort or health directly.	
Appliance Recycling		Free pick up of functioning, older refrigerators and freezers +									_						Not designed to reduced demand directly, but supports base load reduction. Requires implementer costs to	
1 1	Market Rate Residential Sector	incentive	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,	
Midstream HVAC Rebates (dual fuel)	Small Nonresidential Sector	Incentives provided to HVAC distributors to stock and sell high efficiency units															just not controllable. Not all midstream programs are C-E initially, but once fully operational can be C-E. Does	
'		,															not support LI very well. Needs implementer to connect vendors. Less connection with customers to be able to	
	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	educate them. PPL only offers nonres. No real change in workforce.	
Downstream Rebates	market rate residential cooler	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,	
O-F T		options)	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	
Online Transactional Marketplace		Thermostats (with direct enrollment to DR), smart plugs, holiday lighting															and software for tracking. Does not support LI very well. PPL some of these measures. Does not improve	
	Market Rate Residential Sector	J - J	58.00	0.00	1	2	1	0	1	1	1	2	2	1	2	0	comfort or health directly.	
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);			<u> </u>	1 -	Ť	1	†	<u> </u>	<u> </u>	† ·	<u> </u>	1			Not C-E typically. Can help all customers. Requires software and other costs. It used to be a PPL program	
Behavioral/HERs	Market Rate Residential Sector	behavioral savings; communication direct with customer	62.00	0.00	4	,	0		2	1	2	2	2	4	0	0	(currently under consideration again). Not local. May improvement comfort or health but in general not designed to do that	
Final analysis of Fig. 12 to C	Madest Date Darids of the	Incentives to switch customers from electric HVAC to gas HVAC			<u> </u>	+ -	<u> </u>	+ '-		 '				<u> </u>	U		Saves energy and can be considered firm. Not C-E. Not clear it will help LI. Requires effort to prove moving	
Fuel switching Electric to Gas	Market Rate Residential Sector	•	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).	
Residential Energy Audit Online w/ water heater and HVAC		Includes enhanced Wx and HVAC rebates where recommended															Not C-E but promotes Wx and HVAC. Maybe some benefit for LI. Requires software or resources to customer	
rebates	Market Rate Residential Sector		68.00	0.00	1	2	0	1	1	1	2	2	2	2	2	2	experience.	
Residential Energy Audit Online	- Market Rate Residential Sector	No rebates	32.00	0.00	0	0	0	1	1	1	0	2	2	1	0	0	Not C-E. Maybe some benefit for LI. Requires software or resources to customer experience. Only see this as educational.	
Rebates for New Home		Incentives for building above code as well as specific incentives	32.00	0.00		T .	T	<u> </u>	 	T '	, , ,			<u> </u>	Ť			
Construction	Market Rate Residential Sector	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.	
Student Education (w/ marketplace coupons)	Market Rate Residential Sector	Curriculum and materials + marketplace coupons for energy saving measures	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)	
Load Disaggregation Software	Market Rate Residential Sector	Sense, Bidgely		0.00							_	_	_					
w/ Alerts DLC-AC, Water Heaters and		Current program using old switch technology. Greater focus on	62.00	0.00 Consider if this	1	2	1 1	1 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).	
Pool Pumpe (Current Program)	All residential and small	summer peak (water heaters are year round) (ramp down		should be								1						
1	All residential and small nonresidential	participation with switch failures)		modeled for					1				1	1				

0 = Does 1 = Partia	egory corresponds to the	e numbered item in the Review C roposal does not include adequ	hecklist. Score each proposal 0-2 for each category. uate information to evaluate																
SCORE r	represents the total of	the checklist criteria weighted	by priority								loes the Program								
Proposed F	Program Name	Segment	Program Description	Score	Comments	Reduce		Have a History of Cost-	Benefit Disadvantaged		External and/or	Use Market Proven	Allow for Easy Customer	Educate	Exist at PPL	Promote Local	Improve Indoor Health and	Comments	Recommendation
						Demand?	Save Energy?	Effectiveness?					Participation?			Workforce?			
	and Water Heaters and nps (increased budget e replacement- 15,000 ices)	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)	56.00	Consider if this should be modeled for cost- effectiveness					2	2	2			0	1			
Smart The 22 Managed	nermostat Rebate and	All residential and small	Incentive for purchase of smart thermostat when customers enrolls in Smart Thermostat or Peak Time rebates DR programs	56.00	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.	
		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	
Bring-You Program	ur-Own-Device	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	Afhile not considered a "FIRM" resource, more firm than one-way switches and peak time rebates. Not all bevices will be C-E	
		Large Nonresidential	Current program- which is more of a manual DR		0.00	2	1	2	0	2	2	2	2	2	0	0	0	Considered firm even if manual. Can save some energy.	
25 Enhancer	Demand Response ment	Large Nonresidential	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		May require additional resources/departments to locate new customers. Considered firm even if manual. Can save some energy.	
20		All residential and small nonresidential	Behavioral/ voluntary DR	68.00	Model for Cost- Effectiveness	1	1	2	2	1	1	2	2	2	0	0	0	Not completely firm resource. Requires software and AMI.	
Residenti	Iai)	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	0	Not completely firm resource. Requires software. Load shifting.	
Buses)		All Nonresidential	No charger rebate included Current program - prescriptive, custom (with incentive cap), new	48.00	0.00	1	0	1	0	2	1	2	2	2	0	0	0	Not completely firm resource. Requires software. Load shifting.	
20	Rebates V2	All Nonresidential	construction, and small biz kits Redesigned program with incentives for kWh and kW on	80.00	0.00	1	2	2	0	2	2	2	2	2	2	2	1		
30		All Nonresidential	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	80.00	0.00	1	2	2	0	2	2	2	2	2	2	2	1		
31 Energy Fi	-	All Nonresidential	example: 5 year cap 0% interest (third-party financing, not on- bill)	50.00	Model for Cost- Effectiveness	1	2	0	0	1	1	1	2	1	2	1	1	Can be easy for nonresidential customers than residential customers. Can save energy for EE projects. Not C- E. Requires billing/banking connection. Not proven for all markets.	
32 Green Ro		All Nonresidential	Incentives for installing green roofs	50.00 72.00	0.00	0	2	0	0	2 2	2 2	1 2	2	1 2	0 2	2 2	1 0	Not C-E. Requires strong contractor base. Can be C-E in some cases.	
	siness- Audit/ DI siness Behavioral	Small nonresidential Small nonresidential	Small business audits with direct install low cost measures Small business energy reports (printed and email)	54.00	0.00	0	2	1	0	2	1	2	2	2	0	0		uan De C-E in some cases. May require additional resources/departments to locate new customers.	
	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	62.00	0.00	1	2	1	0	2	1	2	2	2	0	1		Small impact but may have long terms savings. Not always C-E	
Lighting	lential Midstream	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	1	2	1		Likely higher partiticalption than downstream rebates.	
LED Stree	etlighting	Nonresidential	Requires ramp up time for conversion- requires hand holding for implementation- Company owned streetlights with bill payers	54.00	0.00	0	2	2	0	1	2	2	4	1	0	1		Reduces base night loads.	
	onal Flow on EVs School Buses and	All customers	(is it recoverable by DSM?) Must be utility-supplied resource (not on-site generation)			U			0	'					U		U	roduces uses right nade.	
Passenge				38.00	0.00	2	I n	I n	0	4	1 1	4	4	2	n	1	0	Not C-E typically. May require other departments.	