

1 **Figure 3: DEC Historical Avoided Energy and Capacity Cost Comparison**

DUKE ENERGY CAROLINAS, LLC								
Distribution Interconnection		Option A			Option B			
	Docket	E-100, Sub 148	E-100, Sub 140	E-100, Sub 136		E-100, Sub 148	E-100, Sub 140	E-100, Sub 136
		Filed				Filed		
	YEAR	2016	2014	2012		2016	2014	2012
10 Year Fixed Long Term Rate (Cents/KWH)								
Energy Credit	On-Peak	3.58	4.87	5.28		3.59	5.04	5.59
	Off-Peak	2.98	3.79	4.25		3.16	4.09	4.51
Capacity Credit	Summer Month	0.85	2.19	2.24		0.69	6.68	7.92
	Non-Summer Month	0.00	1.09	0.44		1.61	2.58	1.22
	Annualized Energy	3.25	4.29	4.74		3.25	4.29	4.74
	Annualized Capacity	0.27	0.86	0.78		0.27	0.86	0.78
	Annualized Total	3.52	5.15	5.52		3.52	5.15	5.52
Change From Prior Filing								
	Annualized Energy	-24%	-9%			-24%	-9%	
	Annualized Capacity	-69%	10%			-69%	10%	
	Annualized Total	-32%	-7%			-32%	-7%	
Notes:								
2012 and 2014 capacity incorporates a PAF of 1.2 as compared to 2016 w hich uses 1.05								
2012 and 2014 capacity reflects a value in all 10 years as compared to 2016 w hich reflects a value only in years w hich have a capacity need.								
Seasonal Allocation Factors		Option A			Option B			
2016		On Peak/Off Peak Month	100/0		Summer/Non-Summer	20/80		
2014		On Peak/Off Peak Month	80/20		Summer/Non-Summer	60/40		
2012		On Peak/Off Peak Month	91/9		Summer/Non-Summer	79/21		
2012 and 2014 energy reflect a levelized value of 10 years of nominal on peak and off peak energy costs as compared to 2016 w hich reflects a levelized value of 2 years of nominal on peak and off peak energy costs w hich w ill be re calculated every 2 years for term of contract.								

2 **Figure 4: DEP Historical Avoided Energy and Capacity Cost Comparison**

DUKE ENERGY PROGRESS, INC								
Distribution Interconnection		Option A			Option B			
	Docket	E-100, Sub 148	E-100, Sub 140	E-100, Sub 136		E-100, Sub 148	E-100, Sub 140	E-100, Sub 136
		Filed				Filed		
	YEAR	2016	2014	2012		2016	2014	2012
10 Year Fixed Long Term Rate (Cents/KWH)								
Energy Credit	On-Peak	3.54	4.71	4.94		3.63	4.71	5.08
	Off-Peak	3.25	4.03	4.27		3.28	4.15	4.35
Capacity Credit	Summer Month	0.55	4.16	3.14		0.83	6.27	5.23
	Non-Summer Month	1.12	1.41	2.49		1.93	2.43	3.97
	Annualized Energy	3.35	4.27	4.51		3.35	4.27	4.51
	Annualized Capacity	0.32	0.81	0.97		0.32	0.81	0.97
	Annualized Total	3.67	5.08	5.47		3.67	5.08	5.47
Change From Prior Filing								
	Annualized Energy	-22%	-5%			-22%	-5%	
	Annualized Capacity	-61%	-16%			-61%	-16%	
	Annualized Total	-28%	-7%			-28%	-7%	
Notes:								
2012 and 2014 capacity incorporates a PAF of 1.2 as compared to 2016 w hich uses 1.05								
2012 and 2014 capacity reflects a value in all 10 years as compared to 2016 w hich reflects a value only in years w hich have a capacity need.								
Seasonal Allocation Factors		Option A			Option B			
2016		Summer/Non-Summer	20/80		Summer/Non-Summer	20/80		
2014		Summer/Non-Summer	60/40		Summer/Non-Summer	60/40		
2012		Summer/Non-Summer	38/62		Summer/Non-Summer	43/57		
2012 and 2014 energy reflect a levelized value of 10 years of nominal on peak and off peak energy costs as compared to 2016 w hich reflects a levelized value of 2 years of nominal on peak and off peak energy costs w hich w ill be re calculated every 2 years for term of contract.								