


	A	B	C	D	E	F	G
1	 2016 IPL Candidate Resource Portfolios based on Scenario Results (in operating capacity)						27-Aug-16**
2	**Corrected 2018 Recession Economy scenario (cell D5) and revised Quick Transition scenario based on stakeholder feedback.						
3	YEAR	Base Case	Robust Economy	Recession Economy	Strengthened Environmental Rules	High Customer Adoption of Distributed Generation	Quick Transition
4	2017	DSM*- 58 MW	DSM*- 58 MW	DSM*- 58 MW	DSM*- 58 MW	DSM*- 58 MW	DSM*- 58 MW
5	2018	DSM - 17 MW	DSM - 22 MW	Refuel Pete 1 - 4 DSM - 22 MW	Retire Pete 1 (-234 MW) Coal, Refuel Pete 2-3&4 (1495 MW) to NG DSM - 22 MW	DSM - 17 MW	DSM - 28 MW
6	2019	DSM - 16 MW	DSM - 17 MW	DSM - 17 MW	DSM - 17 MW	DSM - 16 MW	DSM - 59 MW
7	2020	DSM - 12 MW	DSM - 12 MW	DSM - 12 MW	DSM - 12 MW Wind 500 MW PV 280 MW	DSM - 12 MW	DSM - 47 MW
8	2021	DSM - 15 MW	DSM - 10 MW	DSM - 10 MW	DSM - 10 MW	DSM - 15 MW	DSM - 52 MW
9	2022	DSM - 10 MW	DSM - 11 MW	DSM - 10 MW	DSM - 11 MW Wind 100 MW PV 50 MW	DSM - 10 MW PV 65 MW Wind 10 MW CHP 75 MW	Retire Pete 1 (-234 MW) Coal, Refuel Pete 2-3&4 (1495 MW) to NG DSM - 19 MW
10	2023	Retire HS GT 1&2 (-32 MW) Oil DSM - 10 MW	Retire HS GT 1&2 (-32 MW) Oil DSM - 11 MW	Retire HS GT 1&2 (-32 MW) Oil DSM - 10 MW	Retire HS GT 1&2 (-32 MW) Oil DSM - 11 MW PV 10 MW	Retire HS GT 1&2 (-32 MW) Oil DSM - 10 MW	Retire HS GT 1&2 (-32 MW) Oil DSM - 18 MW
11	2024	DSM -11 MW	DSM -12 MW	DSM -11 MW	DSM -12 MW PV 10 MW	DSM -11 MW	DSM -16 MW
12	2025	DSM - 10 MW	DSM - 11 MW	DSM - 10 MW	DSM - 11 MW	DSM - 10 MW PV 65 MW Wind 10 MW CHP 75 MW	DSM - 18 MW
13	2026	DSM - 9 MW	DSM - 10 MW	DSM - 9 MW	DSM - 10 MW PV 10 MW	DSM - 9 MW	DSM - 18 MW
14	2027	DSM - 4 MW	DSM - 5 MW	DSM - 4 MW	DSM - 5 MW PV 10 MW	DSM - 4 MW	DSM - 13 MW
15	2028	DSM - 4 MW	DSM - 5 MW	DSM - 4 MW	DSM - 5 MW PV 10 MW	DSM - 4 MW	DSM - 13 MW
16	2029	DSM - 1 MW	DSM - 1 MW	DSM - 1 MW	DSM - 1 MW PV 10 MW	DSM - 1 MW	DSM - 10 MW
17	2030	Retire HS 5&6 (-200MW) NG DSM - 2 MW	Retire HS 5&6 (-200MW) NG DSM - 3 MW Wind 500 MW	Retire HS 5&6 (-200MW) NG DSM - 2 MW	Retire HS 5&6 (-200MW) NG DSM - 3 MW Wind 500 MW	Retire HS 5&6 (-200MW) NG DSM - 2 MW	Retire Pete 2-4 (-1495 MW) NG, HS GT4-6 (294 MW) NG, HS 5&6 (-200 MW) NG, HS IC1 (3 MW) Oil, Pete IC1-3 (8 MW) Oil DSM - 12 MW Wind - 6000 MW Solar - 1146 MW Battery - 600 MW
18	2031	DSM - 3 MW	DSM - 3 MW Wind 500 MW Market 200 MW	DSM - 3 MW	DSM - 3 MW Wind 500 MW	DSM - 3 MW	DSM - 13 MW
19	2032	Retire Pete 1 (-234 MW) Coal DSM - 9 MW	Retire Pete 1 (-234 MW) Coal DSM - 10 MW Wind 500 MW PV 370 MW	Retire Pete 1 (-234 MW) Coal DSM - 9 MW	DSM - 10 MW Wind 500 MW	Retire Pete 1 (-234 MW) Coal DSM - 9 MW PV 65 MW Wind 510 MW CHP 75 MW	DSM - 18 MW
20	2033	Retire HS7 (-428 MW) NG DSM - 9 MW Wind 250 MW Market 50 MW PV 90 MW Battery 100 MW	Retire HS7 (-428 MW) NG DSM - 9 MW Wind 500 MW PV 440 MW	Retire HS7 (-428 MW) NG DSM - 9 MW	Retire HS7 (-428 MW) NG DSM - 9 MW Wind 500 MW	Retire HS7 (-428 MW) NG DSM - 9 MW Wind 500 MW	Retire HS7 (-428 MW) NG DSM - 16 MW
21	2034	Retire Pete 2 (-417 MW) Coal DSM - 2 MW H-Class CC 450 MW Wind 250 MW	Retire Pete 2 (-417 MW) Coal DSM - 3 MW H-Class CC 450 MW Wind 500 MW	Retire Pete 2 (-417 MW) NG DSM - 2 MW H-Class CC 450 MW	Retire Pete 2 (-417 MW) NG DSM - 3 MW H-Class CC 450 MW Wind 500 MW	Retire Pete 2 (-417 MW) Coal DSM - 2 MW H-Class CC 450 MW Wind 500 MW	DSM - 9 MW H-Class CC 450 MW
22	2035	DSM - 2 MW Wind 250 MW Battery 250 MW Market 150 MW	DSM - 3 MW Wind 500 MW PV 190 MW Battery 250 MW Market 50 MW Comm Solar 1 MW	DSM - 2 MW H Class CC 200 MW	DSM - 3 MW Wind 500 MW PV 70 MW Market 50 MW	DSM - 2 MW Wind 500 MW Battery 50 MW Market 50 MW	DSM - 11 MW
23	2036	DSM - 2 MW Wind 250 MW Battery 150 MW PV 10 MW	DSM - 3 MW Wind 500 MW Battery 50 MW Comm Solar 5 MW	DSM - 2 MW	DSM - 3 MW Wind 500 MW PV 60 MW	DSM - 2 MW Wind 500 MW PV 60 MW Comm Solar 1 MW	DSM - 12 MW
24	*DSM includes 58.1 MW of existing Demand Response						