



ROAM Consulting Pty Ltd

A.B.N. 54 091 533 621

Report (ELN00024) to



Generation Scenarios for Revenue Proposal

30 January 2012

TABLE OF CONTENTS

1	BACKGROUND	1
2	SCENARIO ANALYSIS METHODOLOGY	2
2.1	PART A: DETERMINE OUTLOOKS (TOP-DOWN APPROACH).....	3
2.2	PART B: DETERMINE PLANTING SCHEDULES (BOTTOM-UP APPROACH).....	4
2.3	PART C: DETERMINATION OF FINAL SCENARIO PROBABILITIES	7
3	LEAST COST OPTIMISATION METHODOLOGY	7
4	PROPOSED THEMES	11
4.1	THEME DEFINITION	11
4.2	COMPARISON TO NATIONAL TRANSMISSION NETWORK DEVELOPMENT PLAN SCENARIOS.....	13
5	OUTLOOK DEVELOPMENT	15
5.1	PART B: DETERMINE PLANTING SCHEDULES (BOTTOM-UP APPROACH).....	20
6	PART C: DETERMINATION OF FINAL SCENARIO PROBABILITIES	24
7	IN-LINE MODERATION OF SCENARIOS.....	26
7.1	RESERVE PLANT MARGIN.....	27
7.2	RENEWABLE CAPACITY INSTALLED	27
8	FINAL PROJECT PROBABILITIES.....	29
9	LEAST COST EXPANSION MODELLING.....	32
9.1	INDUSTRIAL LOAD DEVELOPMENTS	39
10	DISCUSSION.....	43
	APPENDIX A) LEAST COST OPTIMISATION RESULTS	I

LIST OF TABLES

TABLE 3.1 – LTIRP TRANSMISSION LINE LIMITS	10
TABLE 5.1 – CPT OUTCOME PROBABILITIES	15
TABLE 5.2 – INTERCONNECTION EXPANSION PROBABILITIES	17
TABLE 5.3 – LOAD GROWTH PROBABILITIES	18
TABLE 5.4 – OUTLOOK PROBABILITIES	18
TABLE 5.5 – SOUTH AUSTRALIA POTENTIAL RETIREMENTS	20
TABLE 5.6 – RANKING OF ANNOUNCED PROJECTS	21
TABLE 5.7 – COMMITTED, ADVANCED AND PROPOSED GENERATION OPTIONS FOR INSTALLATION	21
TABLE 6.1 – FINAL SCENARIO PROBABILITIES.....	25
TABLE 9.1 – FINAL SCENARIO PROBABILITIES.....	32
TABLE 9.2 – INDUSTRIAL LOAD DEVELOPMENT OPTIONS	39
TABLE 9.3 – INDUSTRIAL LOAD SENSITIVITIES	40
TABLE A.1 – COMMITTED, ADVANCED AND PROPOSED GENERATION OPTIONS FOR INSTALLATION.....	VII
TABLE A.2 – COMMITTED, ADVANCED AND PROPOSED GENERATION OPTIONS FOR INSTALLATION.....	X
TABLE A.3 – COMMITTED, ADVANCED AND PROPOSED GENERATION OPTIONS FOR INSTALLATION.....	XIII
TABLE A.4 – COMMITTED, ADVANCED AND PROPOSED GENERATION OPTIONS FOR INSTALLATION.....	XVI
TABLE A.5 – COMMITTED, ADVANCED AND PROPOSED GENERATION OPTIONS FOR INSTALLATION.....	XIX

TABLE A.6 – COMMITTED, ADVANCED AND PROPOSED GENERATION OPTIONS FOR INSTALLATION.....	XXII
---	------

LIST OF FIGURES

FIGURE 2.1 – METHODOLOGY FOR ASSESSING MARKET DEVELOPMENT SCENARIOS	3
FIGURE 3.1 – SOUTH AUSTRALIA: ZONAL REPRESENTATION.....	8
FIGURE 3.2 – LTIRP NEM REPRESENTATION.....	9
FIGURE 4.1 – PEAK DEMAND FORECASTS (10% PoE)	12
FIGURE 5.1 – INITIAL OUTLOOK PROBABILITIES.....	19
FIGURE 6.1 – FINAL SCENARIO PROBABILITIES.....	25
FIGURE 6.2 – FINAL SCENARIO PROBABILITIES.....	26
FIGURE 7.1 – DEVIATION FROM MINIMUM RESERVE LEVEL.....	27
FIGURE 7.2 – INSTALLED CAPACITY OF NEW RENEWABLE GENERATORS	28
FIGURE 8.1 – FINAL PROJECT (NEW ENTRANT) PROBABILITIES.....	30
FIGURE 8.2 – FINAL PROJECT (RETIREMENT) PROBABILITIES	31
FIGURE 9.1 – CUMULATIVE PROBABILITY OF SCENARIOS EXAMINED USING LEAST COST MODELLING	33
FIGURE 9.2 – MARKET BASED GSP BUILD SCHEDULE: CPT5-M-MINOR.....	34
FIGURE 9.3 – OPTIMAL BUILD SCHEDULE: CPT5-M-MINOR	35
FIGURE 9.4 – DIFFERENCE BETWEEN MARKET AND OPTIMAL BUILD SCHEDULES: CPT5-M-MINOR	36
FIGURE 9.5 – MARKET BASED GSP TRANSMISSION EXPANSION AND FLOWS: CPT5-M-MINOR	37
FIGURE 9.6 – OPTIMAL TRANSMISSION EXPANSION AND FLOWS: CPT5-M-MINOR.....	37
FIGURE 9.7 – OPTIMAL INTER-REGIONAL TRANSMISSION EXPANSION AND FLOWS: CPT5-M (NO UPGRADES COMMITTED).....	38
FIGURE 9.8 – INSTALLED CAPACITY (DIFFERENCE) BETWEEN BASE CPT5-M-MINOR AND 1400MW INDUSTRIAL LOAD SENSITIVITY.....	41
FIGURE 9.9 – ANNUAL GENERATION (DIFFERENCE) BETWEEN BASE CPT5-M-MINOR AND 1400MW INDUSTRIAL LOAD SENSITIVITY.....	42
FIGURE A.1 – TOTAL THERMAL CAPACITY INSTALLED (NEW AND EXISTING) BY 2025: LTIRP	I
FIGURE A.2 – TOTAL THERMAL CAPACITY INSTALLED (NEW AND EXISTING) BY 2025: GSP	II
FIGURE A.3 – TOTAL THERMAL CAPACITY INSTALLED (NEW AND EXISTING) BY 2025: DEMAND SENSITIVITIES AROUND THE MOST LIKELY (CPT5-M-MINOR) BASE CASE	II
FIGURE A.4 – TOTAL RENEWABLE CAPACITY INSTALLED (NEW AND EXISTING) BY 2025: LTIRP	III
FIGURE A.5 – TOTAL RENEWABLE CAPACITY INSTALLED (NEW AND EXISTING) BY 2025: GSP	III
FIGURE A.6 – TOTAL RENEWABLE CAPACITY INSTALLED (NEW AND EXISTING) BY 2025: DEMAND SENSITIVITIES AROUND THE MOST LIKELY (CPT5-M-MINOR) BASE CASE	IV
FIGURE A.7 – TOTAL RENEWABLE SHARE OF ENERGY BY 2025: LTIRP	V
FIGURE A.8 – TOTAL RENEWABLE SHARE OF ENERGY BY 2025: GSP.....	VI
FIGURE A.9 – TOTAL RENEWABLE SHARE OF ENERGY BY 2025: DEMAND SENSITIVITIES AROUND THE MOST LIKELY (CPT5-M-MINOR) BASE CASE	VI
FIGURE A.10 – TOTAL INSTALLED CAPACITY: CPT5-M-MINOR (GSP)	XXV
FIGURE A.11 – TOTAL INSTALLED CAPACITY: CPT5-M-MINOR (LTIRP).....	XXV
FIGURE A.12 – TOTAL INSTALLED CAPACITY: CPT5-M-MAJOR (GSP)	XXVI
FIGURE A.13 – TOTAL INSTALLED CAPACITY: CPT5-M-MAJOR (LTIRP)	XXVI
FIGURE A.14 – TOTAL INSTALLED CAPACITY: CPT5-M-NONE (GSP)	XXVII
FIGURE A.15 – TOTAL INSTALLED CAPACITY: CPT5-M-NONE (LTIRP).....	XXVII
FIGURE A.16 – TOTAL INSTALLED CAPACITY: CPT5-L-MINOR (GSP)	XXVIII
FIGURE A.17 – TOTAL INSTALLED CAPACITY: CPT5-L-MINOR (LTIRP).....	XXVIII

FIGURE A.18 – TOTAL INSTALLED CAPACITY: CPT25-M-MAJOR (GSP)	XXIX
FIGURE A.19 – TOTAL INSTALLED CAPACITY: CPT25-M-MAJOR (LTIRP)	XXIX
FIGURE A.20 – TOTAL INSTALLED CAPACITY: CPT5-H-MINOR (GSP)	XXX
FIGURE A.21 – TOTAL INSTALLED CAPACITY: CPT5-H-MINOR (LTIRP)	XXX
FIGURE A.22 – TOTAL INSTALLED CAPACITY: CPT5-5-MINOR (DS2)	XXXI
FIGURE A.23 – TOTAL INSTALLED CAPACITY: CPT5-5-MINOR (DS3)	XXXI
FIGURE A.24 – TOTAL INSTALLED CAPACITY: CPT5-5-MINOR (DS4)	XXXII
FIGURE A.25 – TOTAL INSTALLED CAPACITY: CPT5-5-MINOR (DS5)	XXXII
FIGURE A.26 – TOTAL INSTALLED CAPACITY: CPT5-5-MINOR (DS6)	XXXIII
FIGURE A.27 – TOTAL ANNUAL GENERATION: CPT5-M-MINOR (GSP)	XXXIV
FIGURE A.28 – TOTAL ANNUAL GENERATION: CPT5-M-MINOR (LTIRP)	XXXIV
FIGURE A.29 – TOTAL ANNUAL GENERATION: CPT5-M-MAJOR (GSP)	XXXV
FIGURE A.30 – TOTAL ANNUAL GENERATION: CPT5-M-MAJOR (LTIRP)	XXXV
FIGURE A.31 – TOTAL ANNUAL GENERATION: CPT5-M-NONE (GSP)	XXXVI
FIGURE A.32 – TOTAL ANNUAL GENERATION: CPT5-M-NONE (LTIRP)	XXXVI
FIGURE A.33 – TOTAL ANNUAL GENERATION: CPT5-L-MINOR (GSP)	XXXVII
FIGURE A.34 – TOTAL ANNUAL GENERATION: CPT5-L-MINOR (LTIRP)	XXXVII
FIGURE A.35 – TOTAL ANNUAL GENERATION: CPT25-M-MAJOR (GSP)	XXXVIII
FIGURE A.36 – TOTAL ANNUAL GENERATION: CPT25-M-MAJOR (LTIRP)	XXXVIII
FIGURE A.37 – TOTAL ANNUAL GENERATION: CPT5-H-MINOR (GSP)	XXXIX
FIGURE A.38 – TOTAL ANNUAL GENERATION: CPT5-H-MINOR (LTIRP)	XXXIX
FIGURE A.39 – TOTAL ANNUAL GENERATION: CPT5-5-MINOR (DS2)	XL
FIGURE A.40 – TOTAL ANNUAL GENERATION: CPT5-5-MINOR (DS3)	XL
FIGURE A.41 – TOTAL ANNUAL GENERATION: CPT5-5-MINOR (DS4)	XLI
FIGURE A.42 – TOTAL ANNUAL GENERATION: CPT5-5-MINOR (DS5)	XLI
FIGURE A.43 – TOTAL ANNUAL GENERATION: CPT5-5-MINOR (DS6)	XLII
FIGURE A.44 – LINK CAPACITY AND AVERAGE FLOW: CPT5-M-MINOR (GSP)	XLIII
FIGURE A.45 – LINK CAPACITY AND AVERAGE FLOW: CPT5-M-MINOR (LTIRP)	XLIII
FIGURE A.46 – LINK CAPACITY AND AVERAGE FLOW: CPT5-M-MAJOR (GSP)	XLIV
FIGURE A.47 – LINK CAPACITY AND AVERAGE FLOW: CPT5-M-MAJOR (LTIRP)	XLIV
FIGURE A.48 – LINK CAPACITY AND AVERAGE FLOW: CPT5-M-NONE (GSP)	XLV
FIGURE A.49 – LINK CAPACITY AND AVERAGE FLOW: CPT5-M-NONE (LTIRP)	XLV
FIGURE A.50 – LINK CAPACITY AND AVERAGE FLOW: CPT5-L-MINOR (GSP)	XLVI
FIGURE A.51 – LINK CAPACITY AND AVERAGE FLOW: CPT5-L-MINOR (LTIRP)	XLVI
FIGURE A.52 – LINK CAPACITY AND AVERAGE FLOW: CPT25-M-MAJOR (GSP)	XLVII
FIGURE A.53 – LINK CAPACITY AND AVERAGE FLOW: CPT25-M-MAJOR (LTIRP)	XLVII
FIGURE A.54 – LINK CAPACITY AND AVERAGE FLOW: CPT5-H-MINOR (GSP)	XLVIII
FIGURE A.55 – LINK CAPACITY AND AVERAGE FLOW: CPT5-H-MINOR (LTIRP)	XLVIII
FIGURE A.56 – LINK CAPACITY AND AVERAGE FLOW: CPT5-5-MINOR (DS2)	XLIX
FIGURE A.57 – LINK CAPACITY AND AVERAGE FLOW: CPT5-5-MINOR (DS3)	XLIX
FIGURE A.58 – LINK CAPACITY AND AVERAGE FLOW: CPT5-5-MINOR (DS4)	L
FIGURE A.59 – LINK CAPACITY AND AVERAGE FLOW: CPT5-5-MINOR (DS5)	L
FIGURE A.60 – LINK CAPACITY AND AVERAGE FLOW: CPT5-5-MINOR (DS6)	LI

1 BACKGROUND

ElectraNet is commencing work on the next AER Revenue Proposal covering the period from 2013-14 to 2017-18 and has requested that ROAM Consulting provide advice on generation scenarios that may influence future transmission development in South Australia.

ElectraNet has requested that at least the next two revenue periods be assessed; therefore, ROAM has considered the period to 2024-25 in this assessment.

ROAM has identified the primary influencing factors impacting on transmission development locations, magnitudes and timing. The scenarios build on the five 2010 NTNDP¹ scenarios and provide a broader selection of future 'worlds' through more detailed assumptions that reflect the specific circumstances of the South Australian region. The most important scenario drivers for South Australia include:

1. Carbon Price
2. Interconnector expansion
3. Retirements to drive the -5% to -25% emissions reductions by 2020 targeted by the Commonwealth Government Clean Energy Future carbon pricing policy
4. Economic development.

In the Generation Scenario Planning (GSP), ROAM has considered the work previously conducted by ROAM for ElectraNet on the commerciality of wind in South Australia². In that work, ROAM assessed the ability of the transmission network to support the delivery of renewable energy generated within South Australia to local and inter-state load centres. The report concluded that the wind generation sector will be capped at only several thousand megawatts, significantly less than the list of announced projects, due to transmission congestion issues, and that inter-connector augmentations would increase the maximum penetration level of wind farms.

Over the forecast period to 2025, it is considered unlikely that commercial-scale projects of some renewable technologies will be viable. Specifically, geothermal and wave projects would not be considered likely, particularly within the period of ElectraNet's next Revenue Proposal. However, grid connected demonstration and pilot projects will be considered as a possibility over the forecast period.

The work conducted for this report has focused on the development of credible scenarios which will be underpinned by quantitative modelling. The generation development schedules are developed to meet the annual peak demand (10% probability of

¹ The NTNDP is the National Transmission Network Development Plan prepared annually by AEMO

² ROAM Consulting, *Assessing the capacity of commercially profitable wind generation in South Australia*, September 2011 [<http://www.electranet.com.au/assets/Uploads-2/Wind-Generation-in-SA.pdf>]

exceedence), adjusted for any demand side participation or inter-regional transmission support. The analysis is informed by ROAM's market models including:

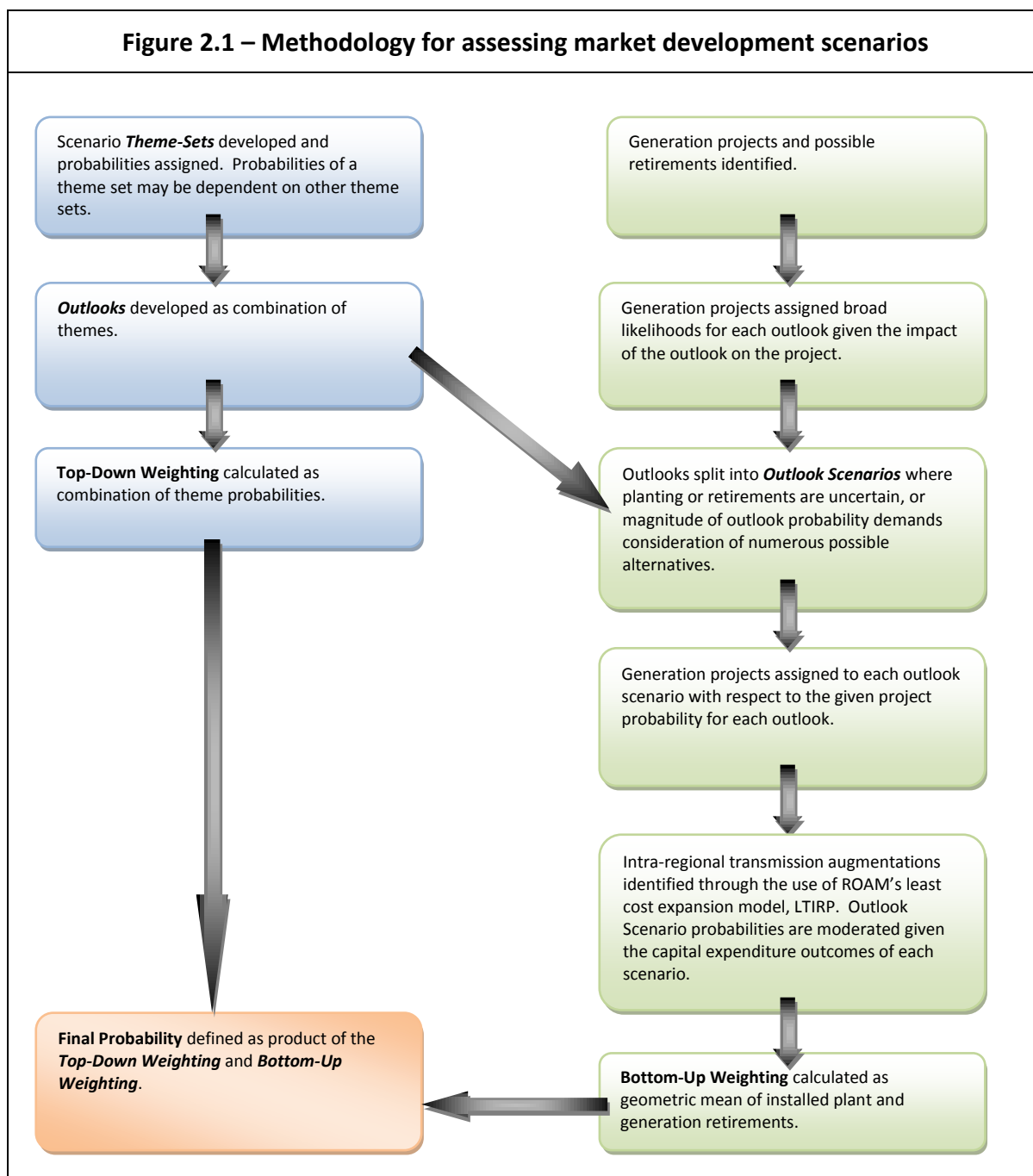
- Pool price forecasting
- Least cost long term integrated resource planning (LTIRP).

ROAM has conducted the following process:

- Development of a suitable number of themes and associated scenarios to cover the full range of anticipated demand and supply scenarios. ROAM has developed an advanced method for the top down estimation of scenarios by allowing linking of the different themes. This is illustrated in the Methodology section below.
- Identification of scenario probabilities.
- Preparation of a full list of potential generation developments for South Australia and associated project likelihoods from public domain information pertaining to each station
- Preparation of generation development plans for each scenario.
- Development of probabilities for each scenario based on a combined top down ranking of scenario probabilities and bottom up ranking of projects.
- Plant appropriate levels of new capacity, combined with retirements, to meet minimum reserve levels in each scenario, given the probabilities of installations and retirements of individual stations under the themes of the outlook Compare the build developed above with a least cost expansion plan of the market using ROAM's LTIRP software to determine whether the market based development schedule is supported by least cost modelling in terms of type, location and scale of new investments over the forecast period.

2 SCENARIO ANALYSIS METHODOLOGY

ROAM Consulting's (ROAM) scenario analysis methodology has been developed to support transmission network service providers' revenue proposals. The methodology provides a probabilistic assessment of generation and load development options over a ten year period, comprising the five year revenue reset period and a number of years afterwards to assess any end-effects. The approach is summarised in the diagram below.

Figure 2.1 – Methodology for assessing market development scenarios

The sections which follow discuss each of the steps of the methodology.

2.1 **PART A: DETERMINE OUTLOOKS (TOP-DOWN APPROACH)**

Part A involves defining the external drivers that will influence the development of the electricity sector, and assigning probabilities to those drivers. The result of this is a series of *outlooks*, which define the potential futures the electricity market will respond to.

Step 1: Definition of external drivers (*themes*)

The first stage is to define the external drivers that are most important to the electricity market. These are external factors that the electricity market has no control over, but will respond to.

The combination of these themes creates outlooks, where an outlook defines a possible future for South Australia that the electricity market will respond to. By linking themes in the determination of probabilities, some outlooks can be eliminated as extremely unlikely.

Step 2: Ascribe probabilities to themes

ROAM has ascribed probabilities to each theme in the following way.

The most independent theme is considered first, with probabilities ascribed to the various possibilities for that theme.

An example of an initial theme would be the level of ambition of the Carbon Policy since this is relatively independent of the other themes, being decided by the Federal Government based upon international commitments.

The other themes are then ascribed probabilities sequentially, with the probabilities being dependent upon the option of the earlier themes. For example, the second theme may be the load growth. Demand projection probabilities are dependent upon the Carbon Price Trajectory (CPT) options for each outlook. A low emissions reduction target (-5%) will allow higher growth to continue with a higher probability, whereas a deeper target (-25%) is likely to inspire greater levels of energy efficiency and reduced demand growth.

Step 3: Calculate probabilities of each outlook

The resulting outlook probabilities are calculated as the product of the probabilities of each theme for that outlook. For those outlooks which have themes which combine to a zero probability weighting, they are eliminated from the solution set.

2.2 **PART B: DETERMINE PLANTING SCHEDULES (BOTTOM-UP APPROACH)**

Part B involves determining likely planting schedules that will develop in response to the outlooks defined in Part A. Even within a particular outlook, there is uncertainty regarding the way that investors and market participants will respond to the external drivers. Therefore, multiple planting schedules may be developed for each outlook, with probabilities calculated according to the probabilities of each plant included in that

schedule. This captures the uncertainty of the market's responses to external drivers, separate from the uncertainty in those drivers.

Step 1: Determine a list of all possible plants

Firstly, a list of all the possible plants that could be included in the outlook period for the region of interest is developed. This includes all significant committed, announced, and proposed projects (gas, coal, and renewable).

Step 2: Determine a list of all possible retirements

In this step, a list of all the possible plants that may retire in the outlook period for the region of interest is developed. This is informed using ROAM's research and modelling of the impact of the proposed carbon policy on the development of the electricity sector.

Step 3: Assign initial probabilities

Following research into each project and retirement, an initial ranking is assigned to capture their relative likelihoods of being constructed (or retired). These rankings are dependent upon the outlook, since the probability of construction (or retirement) of a particular plant will depend upon the external drivers (such as the demand forecast, the CPT target, and the development of a significant LNG export industry). Generally initial probabilities are adjusted for each outlook using the following approach:

- Demand:
 - Higher load growth results in higher probabilities for all technology types, as increased capacity may be required to service higher peak loads
 - Conversely, lower load growth results in lower probabilities for all technology types
- Carbon Policy:
 - The initial probabilities of new plant are not adjusted for carbon policy. Although a higher carbon price policy will increase the incentives of renewable technologies, the RET already provides stimulus for these plant types. However, the carbon policy will affect retirement options, with coal plant more likely to retire under a higher carbon reduction target.
- Interconnector Expansion:
 - Increased interconnector capacity will increase the initial probabilities of wind generators as SA becomes more capable of supporting higher penetrations of wind capacity.

Step 4: Planting schedules are developed

In this step, planting schedules for each outlook are developed. The selection of generators is not developed using least cost techniques, but using expert judgement considering the stage of development, the underlying themes of the outlook, and other factors influencing the proponents. The following factors are taken into account in ROAM's development of each outlook's planting (and retirement) schedules, in addition to the themes of each outlook:

1. **Estimated initial probabilities of each plant.** Plants are included broadly in proportion to their initial estimated probabilities, determined from ROAM's market research and modelling.
2. **Demand in that outlook.** Plants are constructed to meet the minimum reserve level, with a likely buffer reflecting the expectation that historical surplus levels of supply will continue.
3. **Carbon Policy in that outlook.** Anticipated average emissions factors for each plant type are used to predict likely emissions from each planting schedule under development, and therefore the impact that carbon pricing may have on each plant's operating level. The price points at which plant type changeover will occur is informed by ROAM's modelling and research.
4. **Wind development in that outlook.** If external drivers are likely to promote wind installation in SA, then larger quantities of wind farms will be planted. The development of interconnectors is particularly relevant to the expansion of the renewables sector.
5. **Energy projections.** ROAM uses average capacity factors for each plant type to determine the likely energy generated from a particular planting mix, as compared to energy forecasts. This ensures that the plant mix (baseload/intermediate/peaking/intermittent renewable) is realistic.
6. **Fuel projections.** ROAM forecasts fuel usage by each plant type to determine where fuel supplies may become a limiting factor in further development in a region.
7. **Other factors.** ROAM uses market knowledge and experience to take into consideration any other factors that may be important in the development of the market.

In planting each of the scenarios, a number of *iterations* are performed and cross-checks completed in order to reach a plausible planting outcome for each planting schedule. Given the extended timeline of this forecast period (to 2025), it is recognised that over the longer term the list of proposed new entrants may not capture all options which will develop over this timeframe. In the short term, it is expected that only those generators that are currently engaged in consulting with the public, submitting documentation for Government approvals, and are generally active in the public domain may have the opportunity to proceed to commissioning. However, the development lead time of many technologies is shorter than the timeframe assessed here, and therefore announcements of new projects and technologies may increase in likelihood as the timeframe progresses. Therefore, whilst ROAM considers this method robust and appropriate for the timeframe of ElectraNet's initial revenue proposal period, the level of uncertainty increases as the timeline moves beyond 2020.

Step 5: Calculate probabilities of planting schedules within an outlook

In this step, the bottom-up probabilities of each planting schedule within an outlook are calculated. These must sum to 100% across all planting schedules. ROAM combines the initial probabilities of each plant included in the planting schedules in an outlook, weighted using a geometric mean, to determine the relative probabilities of each planting schedule within an outlook.

2.3 PART C: DETERMINATION OF FINAL SCENARIO PROBABILITIES

In the final stage, the top-down outlook probabilities determined in Part A are combined with the bottom-up planting probabilities of Part B to generate a final likelihood of the scenario. The probabilities of each scenario are calculated as the product of the probability of the outlook, multiplied by the probability of the planting schedule for that scenario.

Final project probabilities

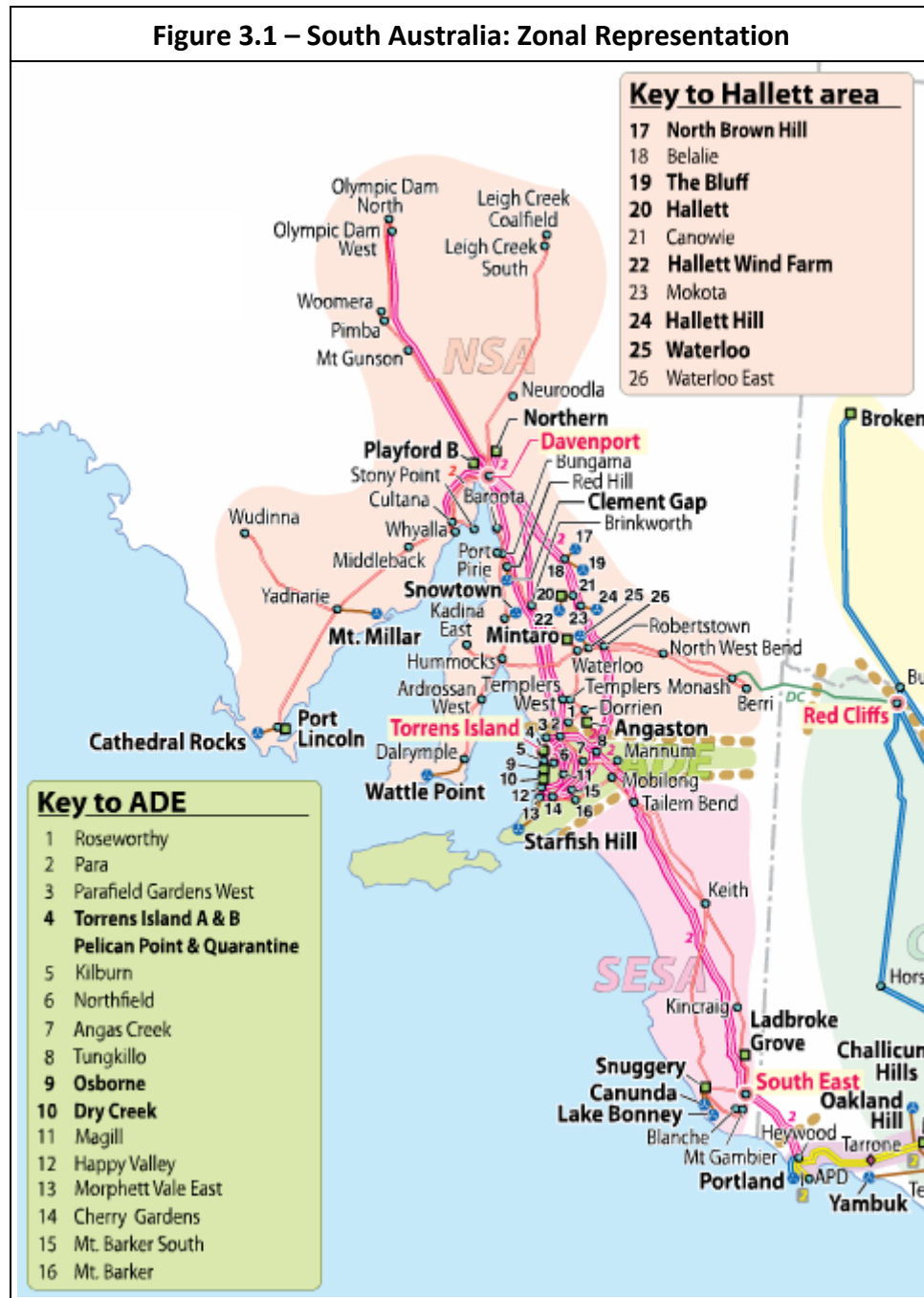
The final probabilities for each proposed generator (and retirement) can be calculated as the sum of the scenario probabilities in which the generator is installed. A generator which is installed in many scenarios is likely to have a higher overall probability, depending upon the probability of the scenarios it is planted within. Similarly, a generator which is installed in only a select few scenarios is likely to have a lower overall probability, depending upon the probability of the scenarios it is planted within.

3 LEAST COST OPTIMISATION METHODOLOGY

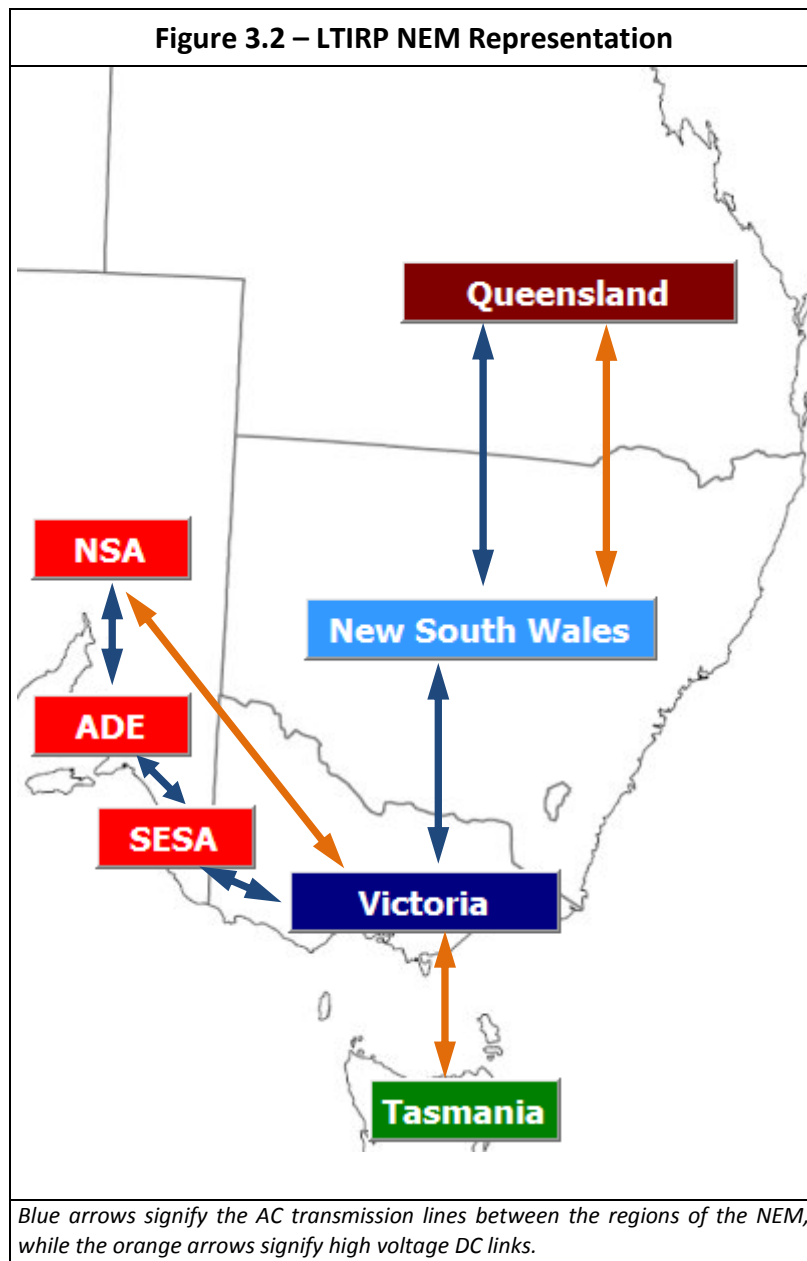
In order to provide additional validation of the outcomes of the scenario analysis methodology, ROAM has assessed each of the final scenarios using a least cost expansion optimisation model. ROAM's long term integrated resource planning (LTIRP) tool uses linear programming to determine the generator expansion plan to meet the growth in load and other system drivers while minimising total system cost, which is the sum of capital, fixed and variable costs of generation and transmission development for South Australia over the long term. The model is inherently based on Long Run Marginal Costs as it accounts for whole of life costs for all generators, while treating existing generation as having sunk costs. However, within the model, dispatch is based on Short Run Marginal Costs, except for energy limited plant, which is dispatched so as to maximise its value in the market, ie minimise market costs.

The model represents the NEM as a regional model, with the interconnectors between regions allowing for inter-regional transfers of energy. For South Australia, the region is further split into the three zones of northern South Australia (NSA), Adelaide (ADE) and south east South Australia (SESA), while the zones are connected by a single line

representation of the 132kV and 275kV transmission network between the zones. The disaggregation of South Australia into the three zones is shown in the figure below.



A graphical representation of the model is shown below.



The existing transmission line limits modelled are shown in the table below.

Table 3.1 – LTIRP Transmission Line Limits			
Link Name	From	To	Transmission Limit (Forward / Reverse)
QNI	NSW	QLD	440 / 1078
Terranora	NSW	QLD	110 / 234
VIC_NSW	VIC	NSW	1500 / 1500
Basslink	TAS	VIC	594 / 478
Heywood	VIC	SESA	460 / 460
Murraylink	VIC	NSA	200 / 200
SESA – ADE	SESA	ADE	550 / 550
ADE – NSA	ADE	NSA	1250 / 1250
VIC-SESA Minor Expansion	VIC	SESA	200 / 200
VIC-SESA Major Expansion	VIC	SESA	1000 / 1000

The link limits for the SESA to ADE and ADE to NSA flow paths have been calculated by reviewing the N-1 summer thermal limits for the transmission cutsets as published within AEMO's ALTLIMITS dataset.

The South Australian load has been split into the three zones by using a static set of weightings across all periods of the year. The weightings are as follows, calculated by reviewing the connection point demand forecasts provided by ElectraNet and ETSA Utilities:

- ADE: 74%
- NSA: 20%
- SESA: 6%

To avoid end effects³ from significantly influencing the simulation result, the forecast period for the least cost expansion modelling is to 2050, although only the development to 2025 is reported on in this report.

³ End effects are modelling artefacts whereby the model produces short-sighted investment decisions based on a limited modelling timeframe. An example of an end effect is avoiding high capital cost, low variable cost plant in favour of low capital cost, high variable cost plant to provide energy in the final years of the study period.

4 PROPOSED THEMES

4.1 THEME DEFINITION

ROAM has applied the following themes for developing outlooks.

Carbon Price Trajectory (CPT)

ROAM has included two options for the CPT; 5% and 25% reduction below 2000 levels by 2020. The two options are examined explicitly as part of the Treasury's *Strong Growth, Low Pollution* modelling, and are associated with world action to achieve a stabilisation of greenhouse gases in the atmosphere of 550ppm and 450ppm carbon dioxide equivalent respectively.

The CPT target (combined with other factors) contributes to the likelihood of retirements in each scenario. The Australian Government has committed to direct action, as well as a carbon price, to advance the timing of retirement of up to 2000MW of high emissions generators by 2020 through the Contract for Closure process. This will have the effect of delivering emissions outcomes beyond that of the 5% level and thus increases the probability of movement towards the 25% reduction level.

ROAM has estimated probabilities of 85% and 15% for the 5% and 25% themes respectively. The Australian Government has committed to at least a 5% reduction compared to 2000 levels, however there is scope for its commitment to increase should international action be shown to be more aggressive (towards a 450ppm goal). In this (relatively unlikely) scenario, Australia could increase its commitment to a 25% reduction.

Demand Growth

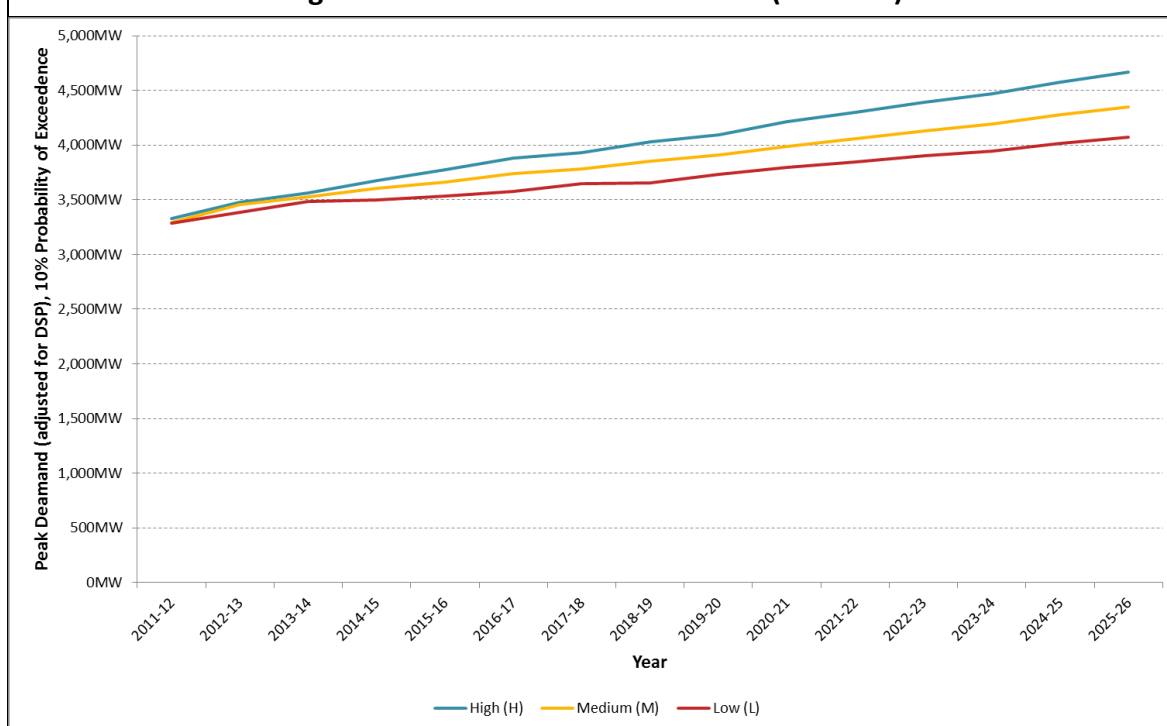
The 2011 South Australian Supply Demand Outlook provides three alternate load forecasts for South Australia over the next decade:

1. High (H),
2. Medium (M), and
3. Low (L).

The high forecast does not encompass the load growth explicitly associated with large industrial loads, which have been examined through a series of sensitivity studies described in a later section of this report.

ROAM has extrapolated these forecast loads for the remainder of the forecast period.

The figure below demonstrates the three peak demand forecasts used in this study.

Figure 4.1 – Peak Demand Forecasts (10% PoE)

ROAM has estimated probabilities of approximately 5%, 74%, and 21% for the High, Medium and Low forecasts respectively, as discussed in the following section. ROAM considers that it is unlikely that a trend of many years of consistently high or consistently low demand growth will occur, with the long term average tending to be in line with the medium forecast.

Interconnector expansion

Three alternatives for the expansion of the transmission network between South Australian and Victoria have been included:

1. None: No transmission augmentations during the timeframe
2. Minor: Minor transmission augmentation to the existing links
 - 200MW of additional transfer capacity bi-directional by 2017-18⁴
3. Major: Major transmission augmentation of a new transmission corridor
 - 1000MW of additional transfer capacity bi-directional by 2019-20⁵

The major transmission option would both incentivise and be expedited by the installation of significant renewable generation in South Australia. For example, the

⁴ This timing is indicative and the precise timing is the subject of a RIT-T test by ElectraNet and AEMO.

⁵ The probability of a large augmentation is low; however, it is considered that under some circumstances this augmentation could be envisaged by this date or soon after, depending on the development path of renewable resources in South Australia and the rate of closure of high emissions generators in South Australia and Victoria.

recent South Australian Interconnector Feasibility study prepared by AEMO and ElectraNet suggests that the development of a new southern transmission corridor of 1000MW could be a possibility as early as 2020 with significant committed wind investment.

Retirements

ROAM has included in scenario development the possibility of the two coal-fired generators in South Australia retiring in response to the Federal Government's climate change policy. As the modelling has been conducted on an NTNDP zonal basis, the effect of closure of coal-fired generators on the development of replacement capacity at the zonal level has been examined. However, the development of detailed constraint equations for situations such as a reversal of flow direction between NSA and ADE zones is beyond the scope of detail conducted for these studies. The modelling has assumed that the transfer limits between NSA and ADE zones are the same in both directions. This may result in generation being forecast for development in ADE zone which, if voltage stability constraints had been applied, would have resulted in that generation being forecast for development in the NSA zone. ElectraNet have subsequently advised that the transfer limits may be reduced from those used in this modelling, unless additional expenditure on voltage controlling devices such as SVCs is allowed for.

4.2 **COMPARISON TO NATIONAL TRANSMISSION NETWORK DEVELOPMENT PLAN SCENARIOS**

AEMO's 2010 NTNDP provided five scenarios which encompassed a range of possible futures for the NEM. A summary of the five scenarios follows:

1. Scenario 1 (Fast rate of change)
 - Successful deployment of centralised and decentralised supply-side technologies, combined with high Demand Side Participation (DSP), results in rapid transformation of the energy sector to meet strong emissions targets. Demands, particularly for Australia's resources sector, remain high as Australia remains competitively placed on the global stage.
2. Scenario 2 (An uncertain world)
 - Carbon policy uncertainty creates barriers for emerging demand and supply-side technologies. Strong international demand for Australia's resources results in strong domestic energy demand, population growth and economic growth.
3. Scenario 3 (A decentralised world)
 - Demand-side technologies and distributed generation are the preferred generation options, particularly over other lower emissions alternatives such as geothermal and carbon capture and storage.
4. Scenario 4 (Oil shock and adaptation)
 - After reaching agreement on global carbon policy, the international economy is challenged by a global oil shortage, putting upward pressure

on oil and gas prices and leading to low economic growth both domestically and internationally. Centralised renewables are the focus as fossil fuel prices are high and CCS costs are also higher than expected.

5. Scenario 5 (Slow rate of change)

- Low domestic economic growth and population growth slows the transformation of the energy sector, while some local energy-intensive processes are driven off-shore

The NTNDP scenarios provide a broad spectrum of future worlds and ROAM has incorporated these in a more comprehensive assessment of the relevant factors which will impact South Australia's energy industry over the medium term to 2020 and 2025. ROAM has included themes based on demand growth, carbon policy, and interconnector expansion, all of which may be impacted by a range of domestic and international influences. For example, Scenario 1 is similar to an outlook featuring high demand growth, including higher industrial demands for mining loads with increased DSP due to decentralised generation development, under a higher carbon pricing policy; Outlook 14 described in the next section might be considered most similar (CPT25-M-Minor). Similarly, Scenario 2 might be most similar to Outlook 2 (CPT5-H-Minor), Scenario 3 might be most similar to Outlook 14 (CPT25-M-Minor), and Scenarios 4 and 5 might be most similar to Outlook 7 (CPT5-L-None).

While there are not direct 1:1 comparisons between scenarios, as the NTNDP scenarios explore more macroeconomic drivers than assessed here, there is a high level of consistency between NTNDP scenarios and the GSP Outlooks in this report.

The 2012 NTNDP proposes to explore key economic drivers, including:

- Economic Growth
- Renewable Energy Targets and carbon price
- Centralised / decentralised generation
- Gas and oil prices
- Generation technology research and development

The 'Planning' scenario in the 2012 NTNDP scenario list includes similar drivers to the most likely scenarios in this analysis, including:

- Medium economic growth
- Carbon price in line with the 5% Core Policy Treasury scenario forecast
- LRET and SRES remaining intact to 2030
- East coast gas exports increasing to 1200PJ p.a. (marginally higher than the 'high' scenario for east coast gas exports in the 2010 NTNDP scenarios)

ROAM considers that the scenarios assessed provide a reasonable correlation to the 2010 and proposed 2012 NTNDP scenarios, and are suitable for the defined modelling purpose.

5 OUTLOOK DEVELOPMENT

Carbon Price Trajectory

ROAM considers that the level of the CPT will be determined relatively independently of other factors in the Australian domestic economy, and proposes the probabilities listed in the table below, based upon the current political outlook.

Table 5.1 – CPT outcome probabilities	
CPT outcome (% reduction from 2000 levels by 2020)	Probability of occurrence
-5% (CPT5)	85%
-25% (CPT25)	15%

Without a global climate agreement, the Federal Government is committed to the minimum of the targets above. The Federal Opposition has also committed to a 5% emissions reduction target, although it does oppose the use of a carbon tax or emissions trading scheme to achieve the emissions reduction.

Australia has pledged at the United Nations as follows⁶:

Australia will reduce its greenhouse gas (GHG) emissions by 25 per cent compared with 2000 levels by 2020 if the world agrees to an ambitious global deal capable of stabilizing levels of GHGs in the atmosphere at 450 ppm carbon dioxide equivalent (CO₂ eq) or lower. Australia will unconditionally reduce its emissions by 5 per cent compared with 2000 levels by 2020 and by up to 15 per cent by 2020 if there is a global agreement which falls short of securing atmospheric stabilization at 450 ppm CO₂ eq under which major developing economies commit to substantially restraining their emissions and advanced economies take on commitments comparable to Australia's.

At the December 2010 United Nations (UN) Climate Conference in Cancun, pledges to reduce national emissions were put forward by both developed and developing countries. 89 countries now have made international pledges to limit their emissions. These

⁶ United Nations Framework Convention on Climate Change, "Compilation of economy-wide emission reduction targets to be implemented by Parties included in Annex I to the Convention", <http://unfccc.int/resource/docs/2011/sb/eng/inf01r01.pdf>

countries account for over 80 per cent of global emissions and over 90 per cent of the global economy⁷.

Furthermore, a wide range of countries are already taking action to reduce emissions. More than 1000 carbon policy measures were identified by the Productivity Commission in their recent review⁸ of 9 countries including China, Germany, India, Japan, New Zealand, South Korea, the United Kingdom and the United States. As a proportion of GDP, Germany was found to have allocated more resources than other countries to abatement policies in the electricity generation sector, followed by the UK, with Australia, China and the US mid-range. Estimates of abatement relative to counterfactual emissions in the electricity generation sector followed a similar ordering, with Germany significantly ahead, followed by the UK, then Australia, the US and China. Based upon this analysis, it can be argued that Australia is in the mid-range of the strength of actions already being taken to reduce emissions internationally, with a variety of countries at present taking similar or stronger action.

It is difficult to determine precisely whether the conditions defined in Australia's pledge for moving to a higher target have been met, but it could certainly be argued strongly that this is the case. Therefore, although a 5% target remains the likely outcome, a more aggressive target remains a possibility over the relevant timeframe.

The Opposition's commitment to repeal any legislation which enacts the Government's *Clean Energy Future* carbon tax and eventual emissions trading scheme puts doubt on the market mechanism proposed by the Government to meet the promised emissions reduction target levels. However the Coalition's policy does include direct investment in technologies such as solar and geothermal, incentives for existing high emissions intensive plant to reduce emissions, as well as commitment to meet the same minimum emissions reduction target as the current Government. As such, whether it be through direct action or through a carbon pricing policy, ROAM considers that the two carbon scenarios covers the spectrum of likely development options.

Interconnector Expansion

The level of wind and other renewables installed in South Australia will play an important role in future generation and local transmission options, particularly in the medium term to meet the LRET. However, there remains uncertainty as to South Australia's capacity to install significantly more capacity above existing levels, despite excellent resources, due to the relatively small local demand and limited transfer capability to other States.

⁷ <http://www.climatechange.gov.au/government/international/global-action-facts-and-fiction/~media/government/international/global-action-facts-and-fiction/20110531-International-pledges-on-climate-change-action.pdf>

⁸ Australian Government, Productivity Commission, Carbon Emission Policies in Key Economies, Productivity Commission Research Report, May 2011.

Interconnection expansion between South Australia and its neighbouring regions has been the subject of significant recent work by AEMO and ElectraNet in a feasibility study into interconnection expansion⁹. In this report, several options for transmission expansion, between SA and VIC and SA and NSW were assessed. The report concluded that it may be possible for a small incremental transmission upgrade of the Heywood interconnector to display positive net market benefits by 2017-18. Under high wind development scenarios (such as with an additional 2000MW of wind installed as part of the Green Grid proposal in the Eyre Peninsula), a new large scale interconnector augmenting the SA-VIC flow path may provide positive net market benefits as early as 2020. A RIT-T is being currently undertaken by ElectraNet and AEMO to consider the incremental augmentation of the Heywood interconnector.

There exists interdependence between increased renewables and the possibility of interconnector expansion. As such, the probability of this theme is related to the carbon policy theme.

Table 5.2 – Interconnection expansion probabilities		
CPT outcome	Interconnection Expansion	Probability
CPT5	None	20%
	Minor	60%
	Major	20%
CPT25	None	5%
	Minor	60%
	Major	35%
Total Probability		
None		17.75%
Minor		60.00%
Major		22.25%

Load growth

The amount of load growth is likely to be similarly connected to the CPT outcome. A very deep target for emissions reduction is likely to drive significant investment in energy efficiency and other demand-side management technologies.

⁹ <http://www.aemo.com.au/planning/saifs.html>

Table 5.3 – Load growth probabilities

CPT outcome	Load growth	Probability
CPT5	H	5.0%
	M	75.0%
	L	20.0%
CPT25	H	2.5%
	M	67.5%
	L	30.0%
Total Probability		
H		4.63%
M		73.88%
L		21.50%

Outlook probabilities

These combinations of themes produce the outlooks listed in the table below.

Those greyed out are below the threshold probability (1.0%) and therefore ROAM proposes to eliminate them from the set under consideration.

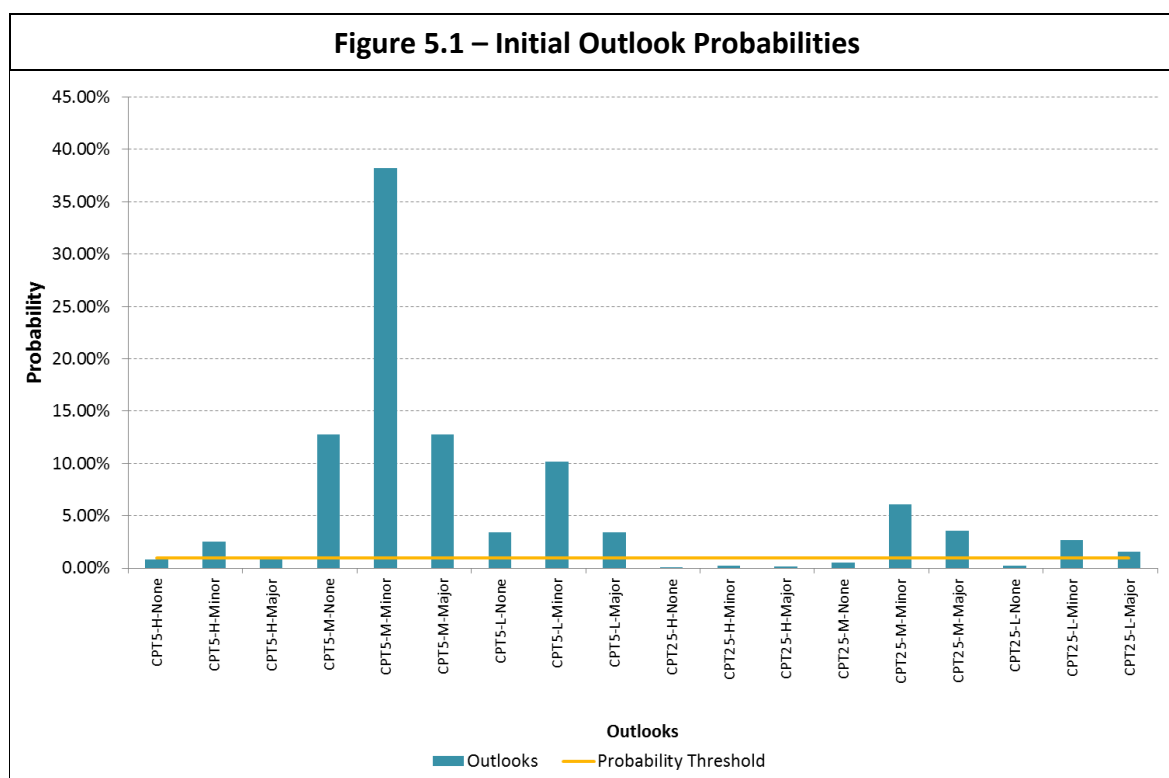
Table 5.4 – Outlook probabilities

Outlook #	Outlook name	Probability
1	CPT5-H-None	0.85%
2	CPT5-H-Minor	2.55%
3	CPT5-H-Major	0.85%
4	CPT5-M-None	12.75%
5	CPT5-M-Minor	38.25%
6	CPT5-M-Major	12.75%
7	CPT5-L-None	3.40%
8	CPT5-L-Minor	10.20%
9	CPT5-L-Major	3.40%

Table 5.4 – Outlook probabilities

Outlook #	Outlook name	Probability
10	CPT25-H-None	0.02%
11	CPT25-H-Minor	0.23%
12	CPT25-H-Major	0.13%
13	CPT25-M-None	0.51%
14	CPT25-M-Minor	6.08%
15	CPT25-M-Major	3.54%
16	CPT25-L-None	0.23%
17	CPT25-L-Minor	2.70%
18	CPT25-L-Major	1.58%

The above probabilities are shown graphically in the figure below.

Figure 5.1 – Initial Outlook Probabilities

This results in 11 unique scenarios, which ROAM has developed with planting schedules.

5.1 **PART B: DETERMINE PLANTING SCHEDULES (BOTTOM-UP APPROACH)**

Part B involves determining likely planting schedules that may develop in response to the outlooks defined in Part A. Even within a particular outlook, there is uncertainty in the way that investors and market participants will respond to the external drivers. Therefore, multiple planting schedules have been developed for each outlook, with probabilities calculated according to the probabilities of each plant included in that schedule. This captures the uncertainty of the market's responses to external drivers, separate from the uncertainty in those drivers.

Step 1: Determine a list of all possible plants

Firstly, a list of all the possible plants that could be included in the outlook period for the region of interest has been developed. This includes all significant committed, announced and proposed projects (gas, coal and renewable). Table 5.7 in this section shows the list of all plant included for this assessment, as well as capacity, status and announced timings.

Step 2: Determine a list of all possible retirements

In this step, a list of all the possible plants that may retire in the outlook period for the region of interest has been developed. This is based upon ROAM's research and modelling of Australia's likely carbon price trajectory under various outlooks and scenarios.

The following table includes those existing power stations which have been considered as potential retirees for this assessment. The timings of any retirements will be dependent upon the underlying themes of the given outlook.

Table 5.5 – South Australia potential retirements		
Station name	Summer Capacity	Type
Playford Power Station	200 MW	Coal
Northern Power Station	542 MW	Coal

Step 3: Assign initial probabilities

Following research into each project and retirement, an initial ranking is assigned to capture their relative likelihoods of being constructed (or retired). These rankings are dependent upon the outlook, since the probability of construction (or retirement) of a particular plant will depend upon the external drivers (such as the demand forecast, the CPT target, and the expansion of SA's interconnector capacity).

Rankings are assigned to each project in each outlook as follows:

Table 5.6 – Ranking of announced projects		
Symbol	Ranking	Approximate initial estimate of probability of being constructed
D	Definite	100%
VH	Very high	70%
H	High	60%
M	Medium	40%
L	Low	10%
VL	Very Low	5%
R	Deferred	1%

The initial probabilities listed in Table 5.7 below are the products of each of the rankings defined for each project for all outlooks. The Capacity for Reliability refers to the capacity which is assumed available at peak demand. For some renewable generators (bagasse and wind generators), this is less than 100% of the summer rated capacity¹⁰.

Table 5.7 – Committed, advanced and proposed Generation options for installation					
Station Name	Type	Location (Zone)	Capacity (MW)	Capacity for Reliability (MW)	Initial Probability
Bluff	Wind	Hallett (NSA)	53MW	3MW	100%
Waterloo Expansion	Wind	Waterloo (NSA)	18MW	1MW	58%
Barn Hill 1	Wind	Barunga (NSA)	124MW	6MW	38%
Barn Hill 2	Wind	Barunga (NSA)	62MW	3MW	38%
Pelican Point 2	OCGT	Pelican Point (ADE)	320MW	320MW	34%
Quarantine 6	OCGT	Quarantine (ADE)	125MW	125MW	56%
Torrens Island C 1	OCGT	Torrens Island (ADE)	250MW	250MW	34%
Stony Gap	Wind	Burra (NSA)	123MW	6MW	38%
Penola Stage 1	Geothermal	Penola (SESA)	6MW	6MW	58%
Snowtown Expansion	Wind	Snowtown (NSA)	210MW	11MW	58%

¹⁰ The contribution factor for reliability for wind is 5%

Table 5.7 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Capacity for Reliability (MW)	Initial Probability
Robertstown	Wind	Robertstown (NSA)	75MW	4MW	38%
Allendale	Wind	Allendale East (SESA)	69MW	3MW	14%
Cherokee Stage 1	OCGT	Tepco (ADE)	250MW	250MW	56%
Mt Bryan	Wind	Hallett (NSA)	99MW	5MW	38%
Innamincka 1	Geothermal	Innamincka (NSA)	0MW	0MW	38%
Torrens Island C 2	OCGT	Torrens Island (ADE)	250MW	250MW	34%
Torrens Island C 3	OCGT	Torrens Island (ADE)	250MW	250MW	34%
Willogeleche	Wind	Hallett (NSA)	74MW	4MW	38%
Woakwine 1	Wind	Millicent (SESA)	120MW	6MW	38%
Woakwine 2	Wind	Millicent (SESA)	120MW	6MW	38%
Woakwine 3	Wind	Millicent (SESA)	180MW	9MW	38%
Innamincka 2	Geothermal	Innamincka (NSA)	0MW	0MW	14%
Robe	Wind	Robe (SESA)	600MW	30MW	14%
Penola Stage 2	Geothermal	Penola (SESA)	23MW	23MW	14%
Carmodys Hill	Wind	Georgetown (NSA)	140MW	7MW	14%
Crystal Brook	Wind	Crystal Brook (NSA)	80MW	4MW	14%
Green Point	Wind	Port MacDonnell (SESA)	54MW	3MW	14%
Keyneton	Wind	Keyneton (NSA)	131MW	7MW	14%
Kulpara 1	Wind	Kulpara (NSA)	60MW	3MW	14%
Kulpara 2	Wind	Kulpara (NSA)	90MW	5MW	14%
Lincoln Gap	Wind	Port Augusta (NSA)	177MW	9MW	38%
Elliston 1	Wind	Eyre Peninsula (NSA)	16MW	1MW	14%
Whyalla	Solar Thermal	Whyalla (NSA)	28MW	28MW	14%
Alinta Gas Turbine	OCGT	Playford (NSA)	300MW	300MW	10%

Table 5.7 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Capacity for Reliability (MW)	Initial Probability
Ceres Wind	Wind	Adelaide via HVDC (ADE)	600MW	30MW	14%
Ceres Pilot Biomass	Biomass	Adelaide via HVDC (ADE)	120MW	120MW	14%
Point Patterson CCGT	CCGT	Port Augusta (NSA)	150MW	150MW	5%
Point Patterson Solar Backup	Solar Thermal	Port Augusta (NSA)	50MW	50MW	6%
Penola Stage 3	Geothermal	Penola (SESA)	100MW	100MW	6%
Penola Stage 4	Geothermal	Penola (SESA)	260MW	260MW	6%
Arckaringa	IGCC	Arckaringa (NSA)	570MW	570MW	5%
Innamincka 3	Geothermal	Innamincka (NSA)	200MW	200MW	6%
Innamincka 4	Geothermal	Innamincka (NSA)	200MW	200MW	6%
Kongorong 1	Wind	Kongorong (SESA)	100MW	5MW	6%
Kongorong 2	Wind	Kongorong (SESA)	140MW	7MW	6%
Mount Hill 1	Wind	Eyre Peninsula (NSA)	80MW	4MW	6%
Mount Hill 2	Wind	Eyre Peninsula (NSA)	100MW	5MW	6%
Elliston 2	Wind	Eyre Peninsula (NSA)	65MW	3MW	6%
Lake Hamilton	Wind	Eyre Peninsula (NSA)	110MW	6MW	6%
Mount Benson	Wind	Mount Benson (SESA)	130MW	7MW	6%
Lake George	Wind	Lake George (SESA)	120MW	6MW	6%
Sheringa Beach	Wind	Eyre Peninsula (NSA)	100MW	5MW	6%
Cape Jaffa	Wind	Cape Jaffa (SESA)	200MW	10MW	6%
Lake Eliza	Wind	Lake Eliza (SESA)	50MW	3MW	6%
Loch Well Beach	Wind	Eyre Peninsula (NSA)	54MW	3MW	6%

Table 5.7 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Capacity for Reliability (MW)	Initial Probability
Quorn	Solar PV	Quorn (NSA)	50MW	50MW	6%
Carnegie Wave	Wave	Port MacDonnell (SESA)	50MW	50MW	6%
Wave Rider	Wave	Eyre Peninsula (NSA)	50MW	50MW	6%
Cherokee Stage 2	OCGT	Tepco (ADE)	250MW	250MW	34%
Cherokee Stage 3	OCGT	Tepco (ADE)	250MW	250MW	10%
Cherokee Stage 4	OCGT	Tepco (ADE)	250MW	250MW	5%
Green Grid Stage 1	Wind	Eyre Peninsula (NSA)	400MW	20MW	6%
Green Grid Stage 2	Wind	Eyre Peninsula (NSA)	400MW	20MW	6%
Green Grid Stage 3	Wind	Eyre Peninsula (NSA)	400MW	20MW	6%
Green Grid Stage 4	Wind	Eyre Peninsula (NSA)	400MW	20MW	6%

6 PART C: DETERMINATION OF FINAL SCENARIO PROBABILITIES

In the final stage, the top-down outlook probabilities determined in Part A are combined with the bottom-up planting probabilities of Part B to generate a final likelihood of the scenario.

Step 1: Calculate probabilities of each scenario

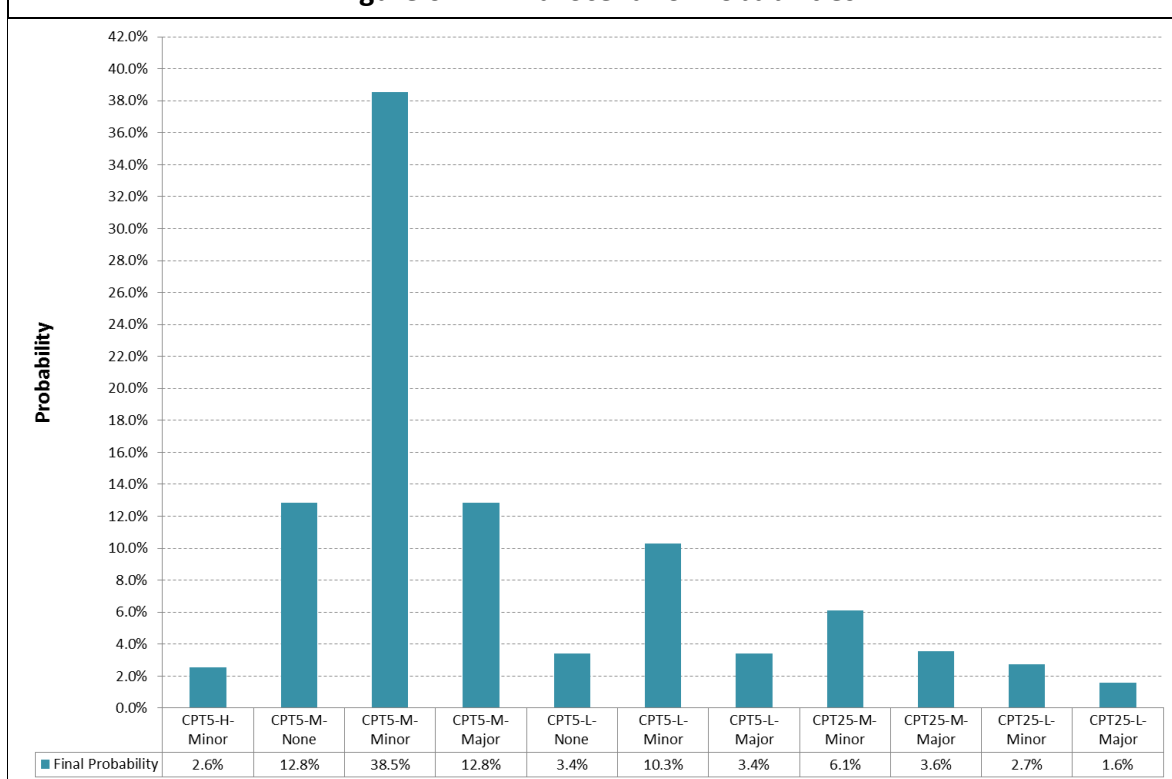
The probabilities of each scenario are calculated as the product of the probability of the outlook, multiplied by the probability of the planting schedule for that scenario.

The final scenario probabilities are as follows:

Table 6.1 – Final Scenario Probabilities

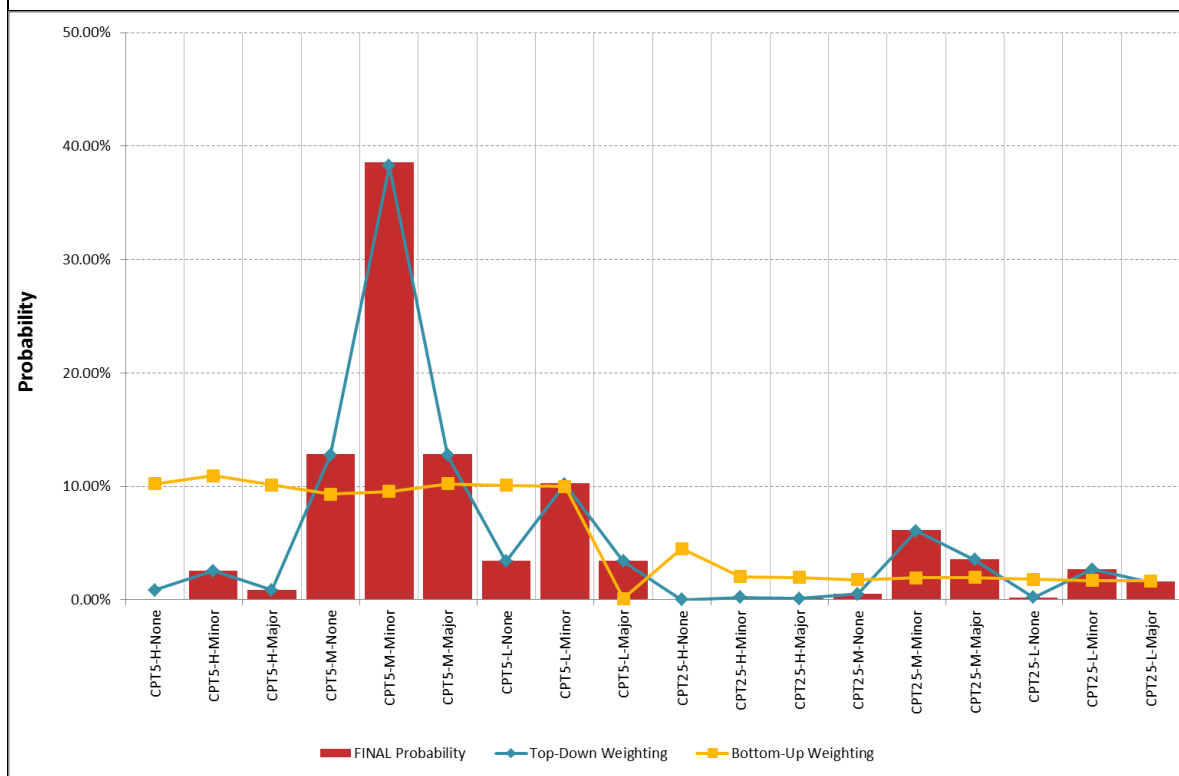
Outlook #	Scenario Name	Final Weighting
2	CPT5-H-Minor	2.57%
4	CPT5-M-None	12.85%
5	CPT5-M-Minor	38.54%
6	CPT5-M-Major	12.85%
7	CPT5-L-None	3.43%
8	CPT5-L-Minor	10.28%
9	CPT5-L-Major	3.43%
14	CPT25-M-Minor	6.12%
15	CPT25-M-Major	3.57%
17	CPT25-L-Minor	2.72%
18	CPT25-L-Major	1.59%

This can be displayed graphically as follows:

Figure 6.1 – Final Scenario Probabilities

The figure below shows that the plant selected in each scenario has had a minor influence on the overall probability of the scenario.

Figure 6.2 – Final Scenario Probabilities



7 IN-LINE MODERATION OF SCENARIOS

ROAM's generation scenario planning methodology provides greater visibility of each of the pertinent 'moderators' while planting, and *in-line moderation* is performed while planting each scenario.

Key moderators include:

- Reserve Plant Margin
- Renewable Capacity Installed

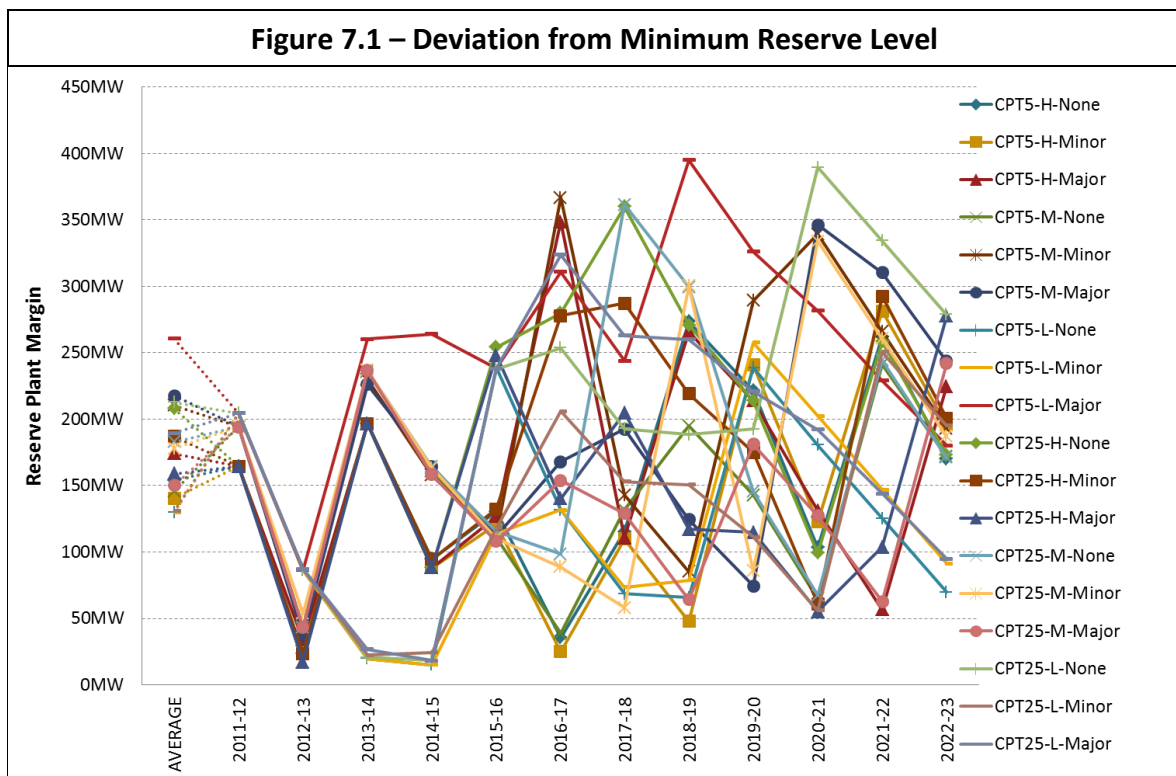
These moderators do not affect the final probabilities of each planting schedule, however they do provide a feedback mechanism to the planting process to ensure that these real-world issues are properly accounted for.

The following sections discuss the key indicators.

7.1 RESERVE PLANT MARGIN

According to the 2011 Statement of Opportunities South Australia's Minimum Reserve Level (MRL) is currently -168MW, which sets the level of capacity to be installed above the 10% probability of exceedence peak demand level in each year ahead. The SA MRL is in fact a shared MRL with Victoria, and it may be moved up or down depending upon the installation of generation in both regions. For this exercise ROAM has used the -168MW value published in the SOO.

The following charts show that the installed level of capacity is expected to exceed the minimum reserve level in all scenarios for each year ahead, with a reserve plant margin of up to 400MW (above the MRL) considered realistic in the competitive market. For example, the expansion of the transmission capacity with Victoria may increase the local installed capacity of wind farms (although these generator types have very low contribution factors to peak demand).



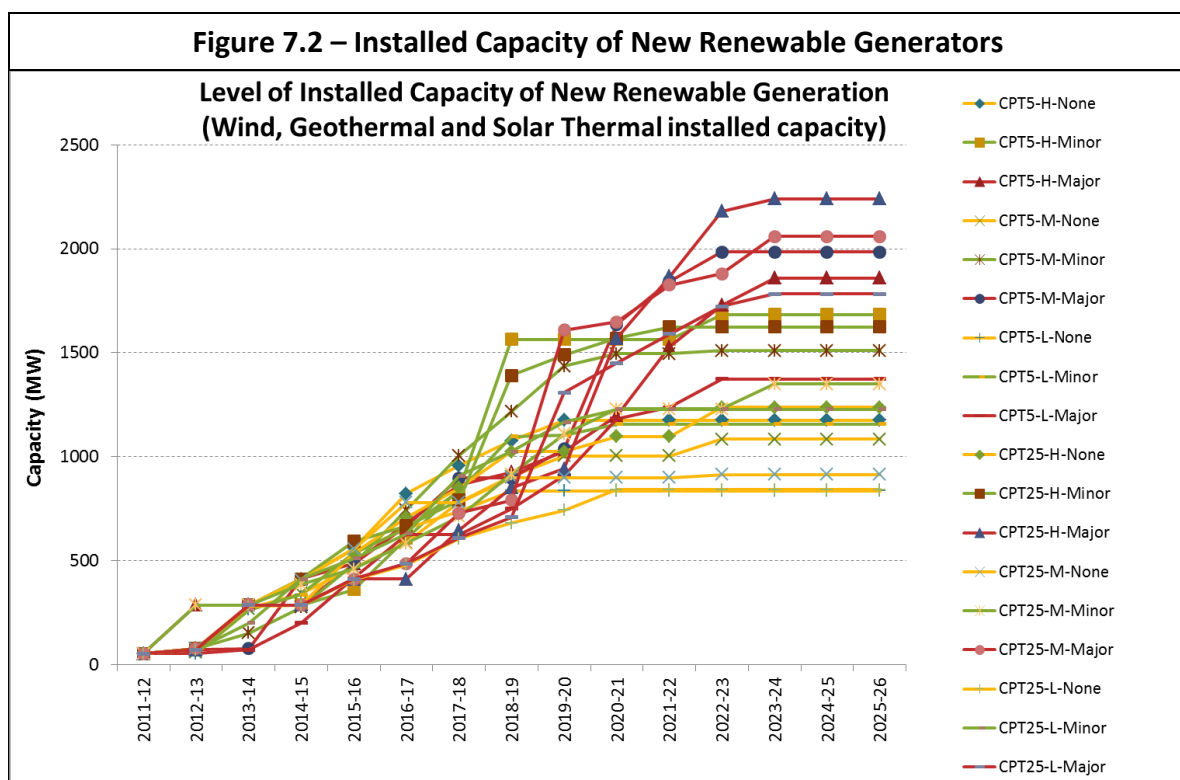
7.2 RENEWABLE CAPACITY INSTALLED

South Australia has excellent wind resources compared with other states. South Australia recently achieved its target of 20% of energy generated within the State sourced from renewable energy. In 2009 the State Government increased its target to 33% of local generation being from renewable energy. In comparison the RET target set by the

Australian Government is for 20% renewable generation by 2020 and this has been incorporated into all modelling conducted for this report.

As mentioned previously (Section 5.1, renewable energy (especially wind generators) are not assumed to be operating significantly at times of peak demand. Wind generators are assumed to have a contribution factor at peak demand of 5%, and therefore whilst they are installed to meet the growth in the annual energy demanded, other sources of capacity will need to be installed to provide peaking support in order to meet reliability requirements and avoid unserved energy.

ROAM has considered the recently published report on the commerciality of wind in South Australia¹¹ when performing the generation scenario planning. This report concluded that approximately 1000MW of new wind capacity would be the maximum appropriate under business as usual conditions, without any additional transmission capacity and under the 5% emissions reduction carbon price trajectory.



As the figure above shows, the total amount of new grid-connected¹² renewable capacity is restricted to approximately 1000MW where no new transmission capacity is installed.

¹¹ <http://www.electranet.com.au/assets/Uploads-2/Wind-Generation-in-SA.pdf>

¹² The next two stages of the proposed Innamincka geothermal project (Geodynamics), comprising 25MW and 100MW pilot generators, are assumed to be off-grid and therefore are not included in this assessment.

Similarly, the 1000MW transmission expansion theme allows up to 2000MW (approximately) of new renewable capacity.

8 FINAL PROJECT PROBABILITIES

The final probability for each proposed generator (and retirement) is calculated as the sum of the scenario probabilities in which the generator is installed. A generator which is installed in many scenarios is likely to have a higher overall probability, depending upon the probability of the scenarios it is planted within. Similarly, a generator which is installed in only a few scenarios is likely to have a lower overall probability, depending upon the probability of the scenarios it is planted within.

The following charts show the final project probabilities, in relation to the initial probability of each scenario. There are individual charts for new entrant projects and generator retirements.

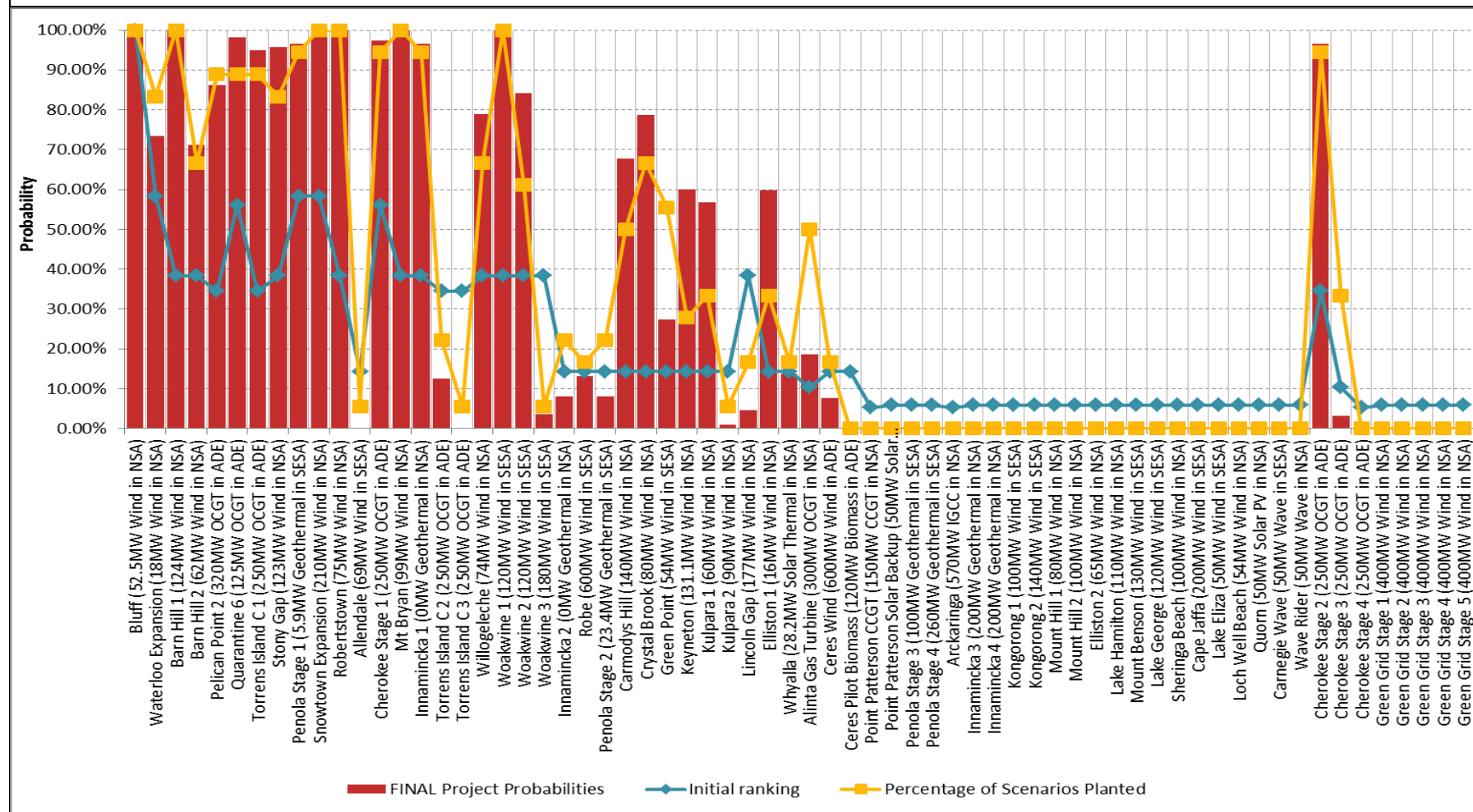
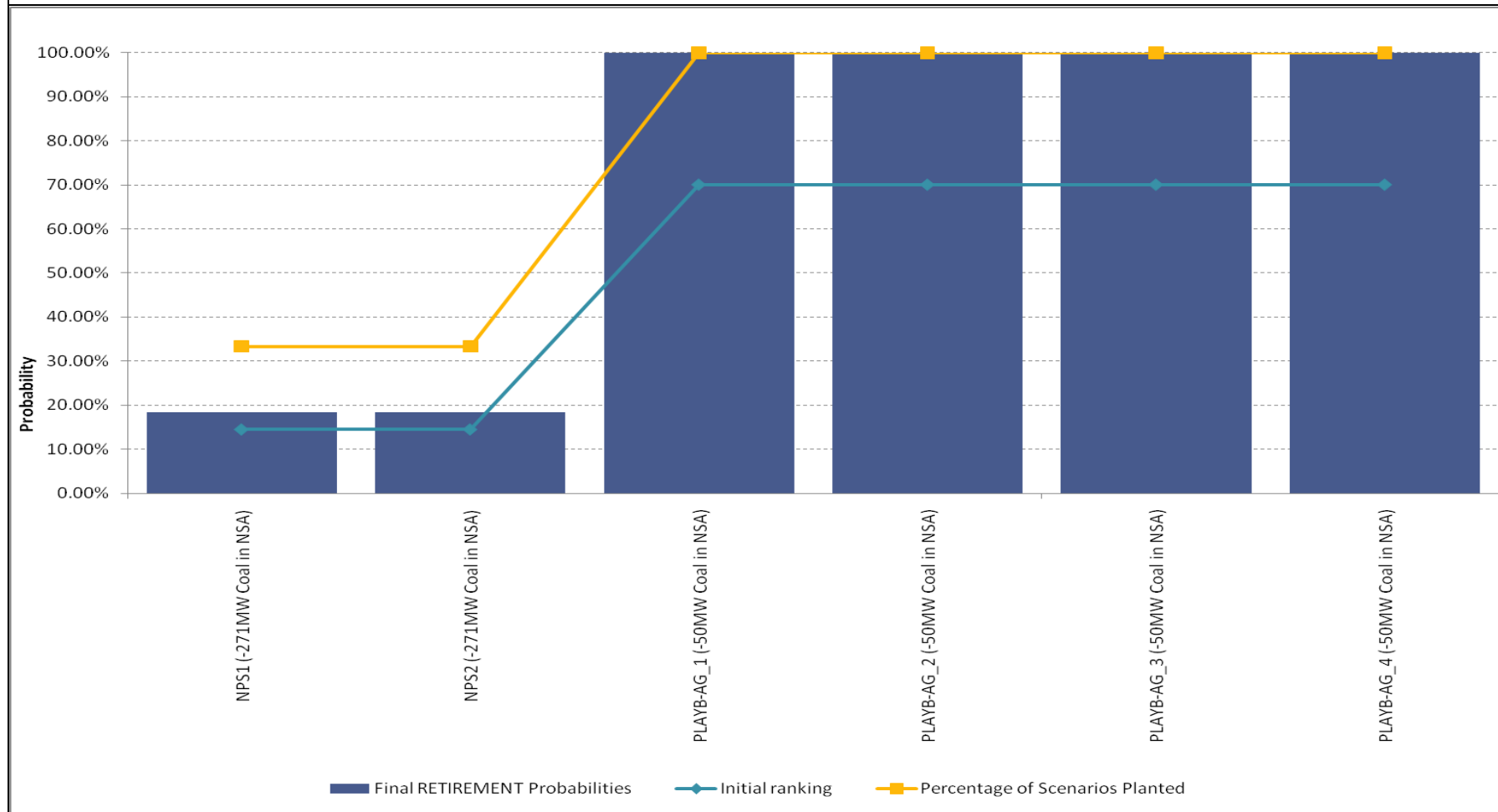
Figure 8.1 – Final Project (New Entrant) Probabilities

Figure 8.2 – Final Project (Retirement) Probabilities

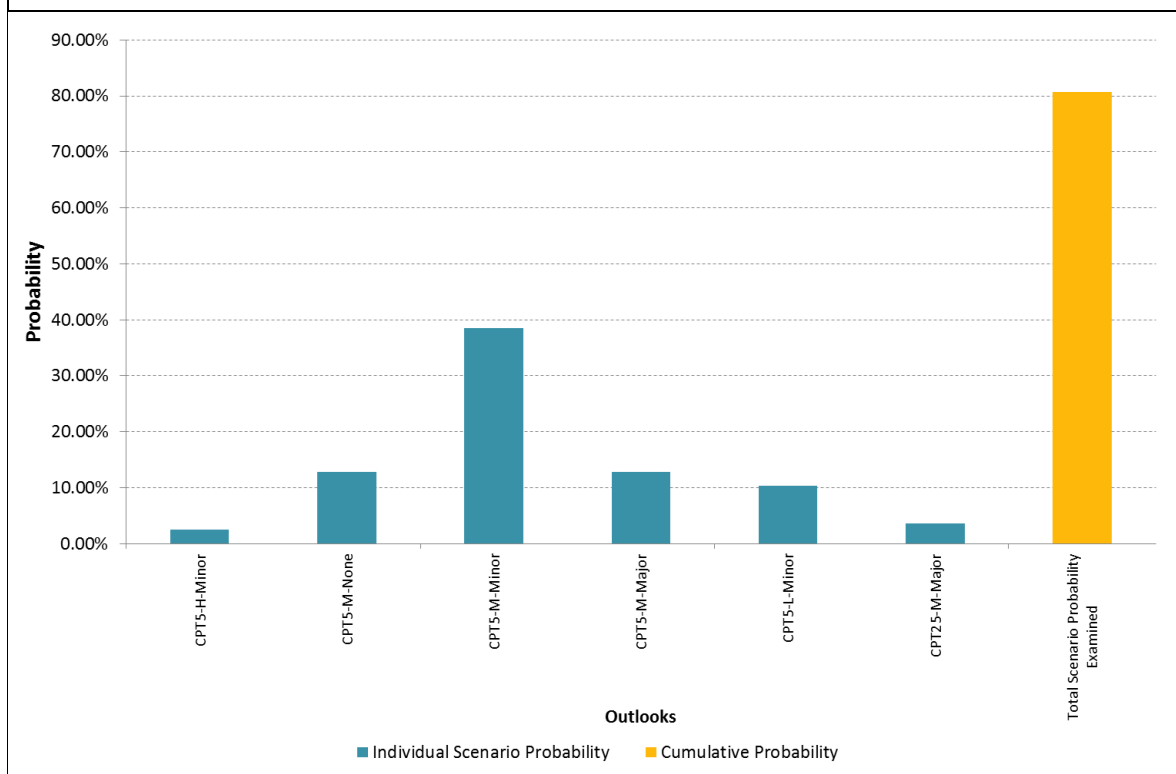


9 LEAST COST EXPANSION MODELLING

To summarise the set of outlooks into a more manageable collection for further analysis, ROAM has identified 6 outlooks which capture over 80% of the total final probabilities.

Table 9.1 – Final Scenario Probabilities		
Outlook #	Scenario Name	Final Weighting
2	CPT5-H-Minor	2.57%
4	CPT5-M-None	12.85%
5	CPT5-M-Minor	38.54%
6	CPT5-M-Major	12.85%
8	CPT5-L-Minor	10.28%
15	CPT25-M-Major	3.57%
Theme	Number of Scenarios	Total Weighting of Scenarios
CPT5	5	77.1%
CPT25	1	3.6%
M	4	67.8%
L	1	10.3%
H	1	2.6%
None	1	12.8%
Minor	3	51.4%
Major	2	16.4%

As the figure below shows, over 80% of the total solution space is examined by the six scenarios selected.

Figure 9.1 – Cumulative probability of scenarios examined using Least Cost Modelling

ROAM has conducted least cost expansion modelling using the LTIRP software to determine the South Australian development path for either or both generation and transmission under four separate sets of conditions:

1. The optimal level of intra-regional transmission transfer capacity developed in response to the market build programmes identified in the generation scenarios planning (GSP) methodology
2. The optimal least cost development for South Australia under each of the six scenario drivers, including committed inter-regional transmission expansion
3. The optimal least cost development for South Australia for the most likely scenario (CPT-5-M-Minor) with interconnector expansion not committed but part of the solution options
4. The optimal least cost development for South Australia for the most likely scenario (CPT-5-M-Minor) for 5 separate sensitivities for industrial load development in the State.

The purpose of the modelling is to compare with the findings of the GSP modelling using an optimising technique rather than a heuristic technique, and provide further insights on how the market will continue to develop when a longer time horizon is considered. For this modelling ROAM has expanded the forecast period to 2050, which allows the model to consider the effects of growing demand and other drivers (such as carbon pricing) on

the full asset life cycle before deciding the type of plant which should be installed to minimise total system cost.

Figure 9.2 below shows the selected build programme for the GSP technique for the most likely scenario, CPT5-M-Minor. As shown, the new entrants are dominated by ADE peaking generators and NSA wind farms (the distribution of capacity is shown in the top right corner), although some growth in SESA is evident. No new energy producing thermal plant is installed over the period, with only peaking plant entering to support renewable generators which have very low contribution factors to peak demand.

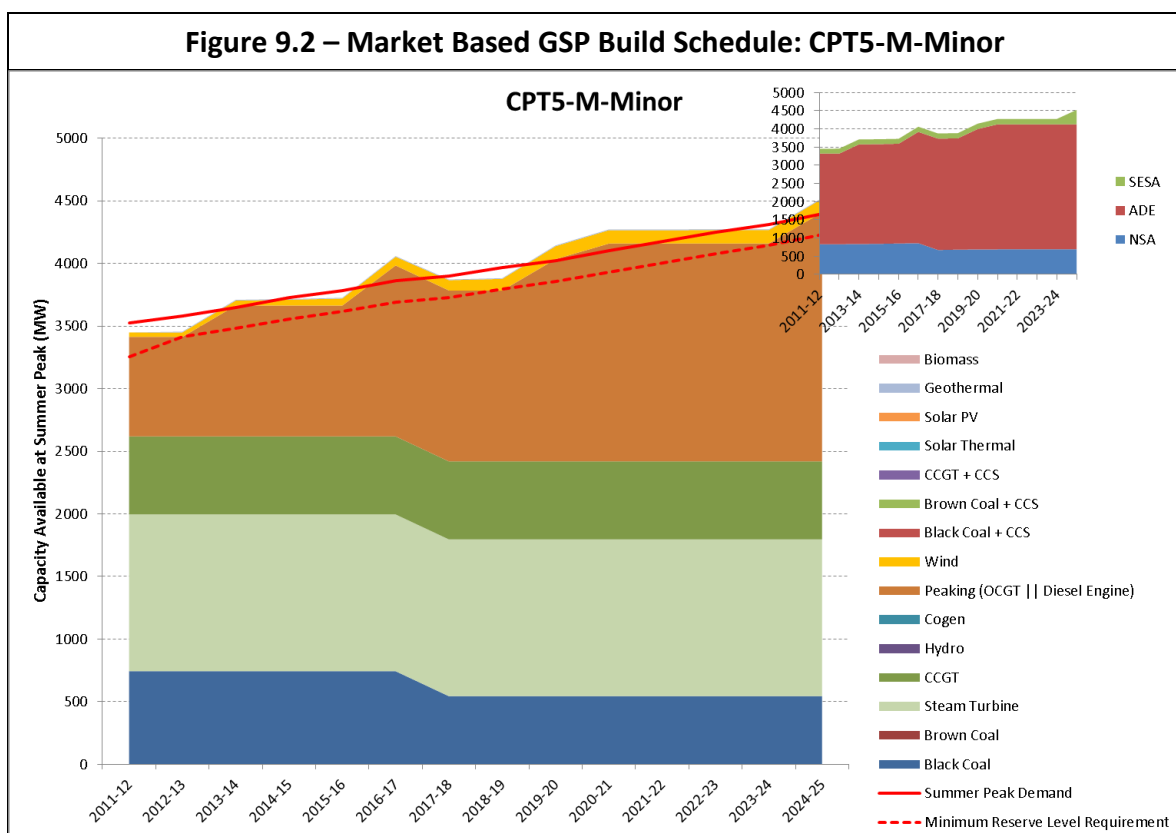
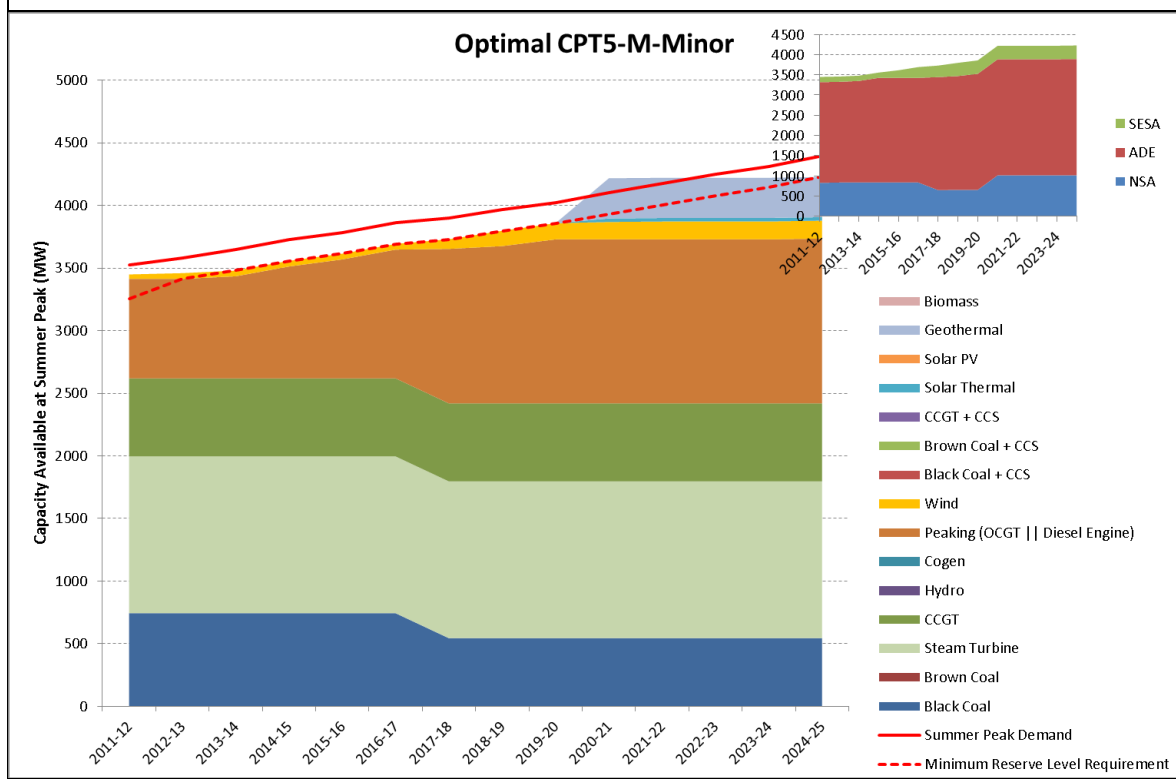


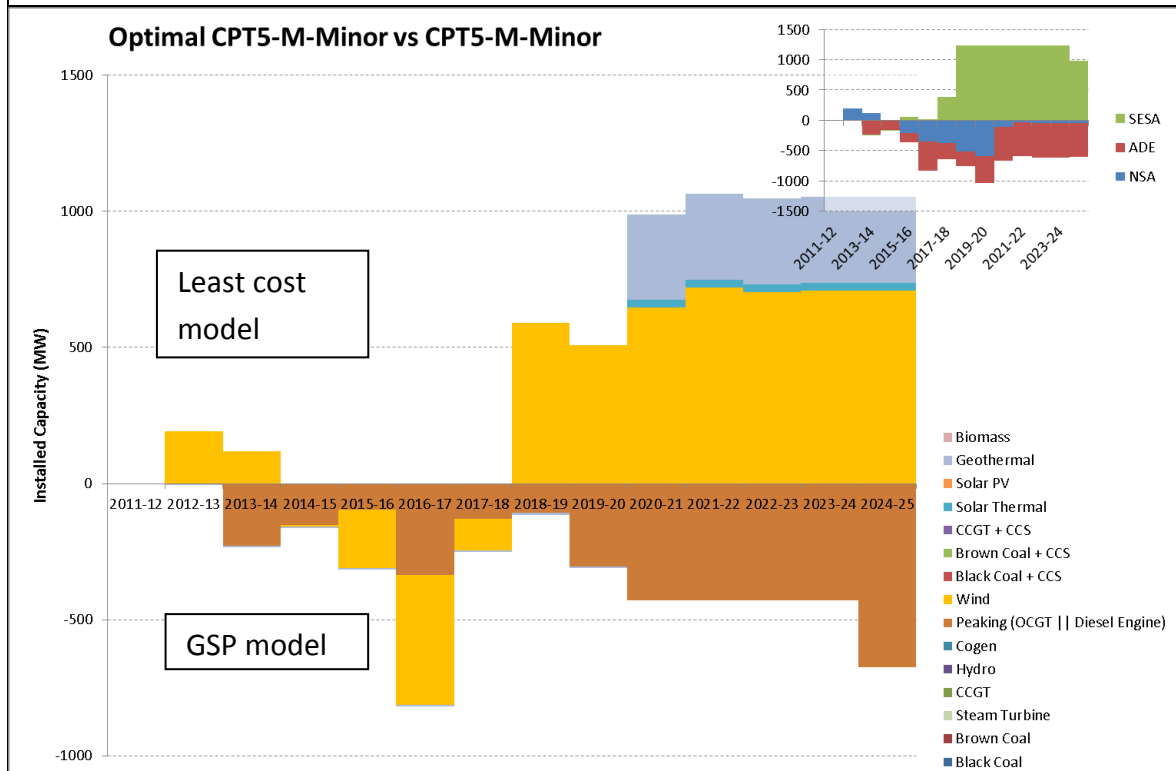
Figure 9.3 below shows the preferred least cost development of the State's generation sector using LTIRP, in accordance with Case 2 as described above. Significantly more wind is installed, with SESA benefiting most given its proximity to the Heywood interconnector. Geothermal developments are also preferred beyond 2020, where the model considers it a viable and cost effective new entrant. As the model considers the period to 2050, the growth in carbon price is incentivising greater development of renewable generators than that developed under the GSP methodology.

Figure 9.3 – Optimal Build Schedule: CPT5-M-Minor

The difference is more clearly illustrated by the figure below. As shown, the major difference lies in the more optimistic outcome for SESA wind under the least cost build schedule, as well as lesser peaking plant as the least cost build only meets (rather than marginally exceeds) the MRL. Geothermal projects are also preferred in the longer term. The figure shows the optimal build versus the market based GSP build – positive numbers represent increased capacity in the least cost expansion modelling while negative numbers show increased capacity in the GSP model. In this chart, the nameplate capacity for wind is shown, rather than the derated capacity assumed available at time of system peak demand.

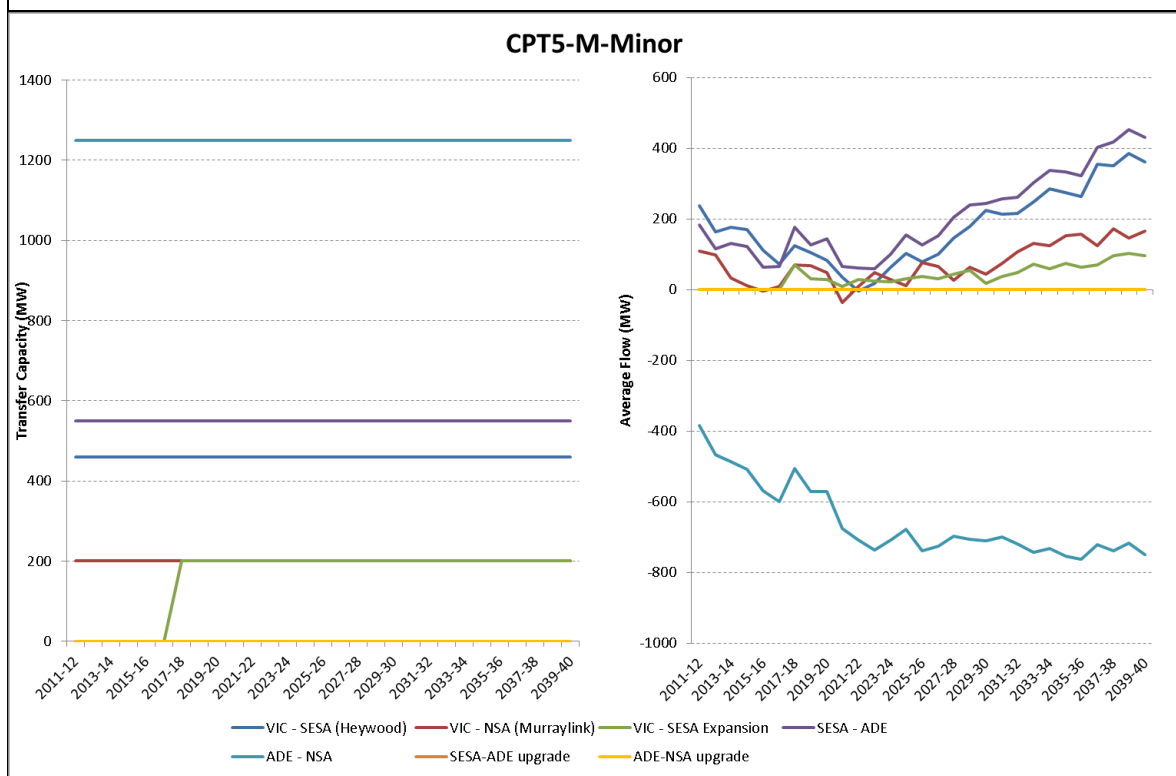
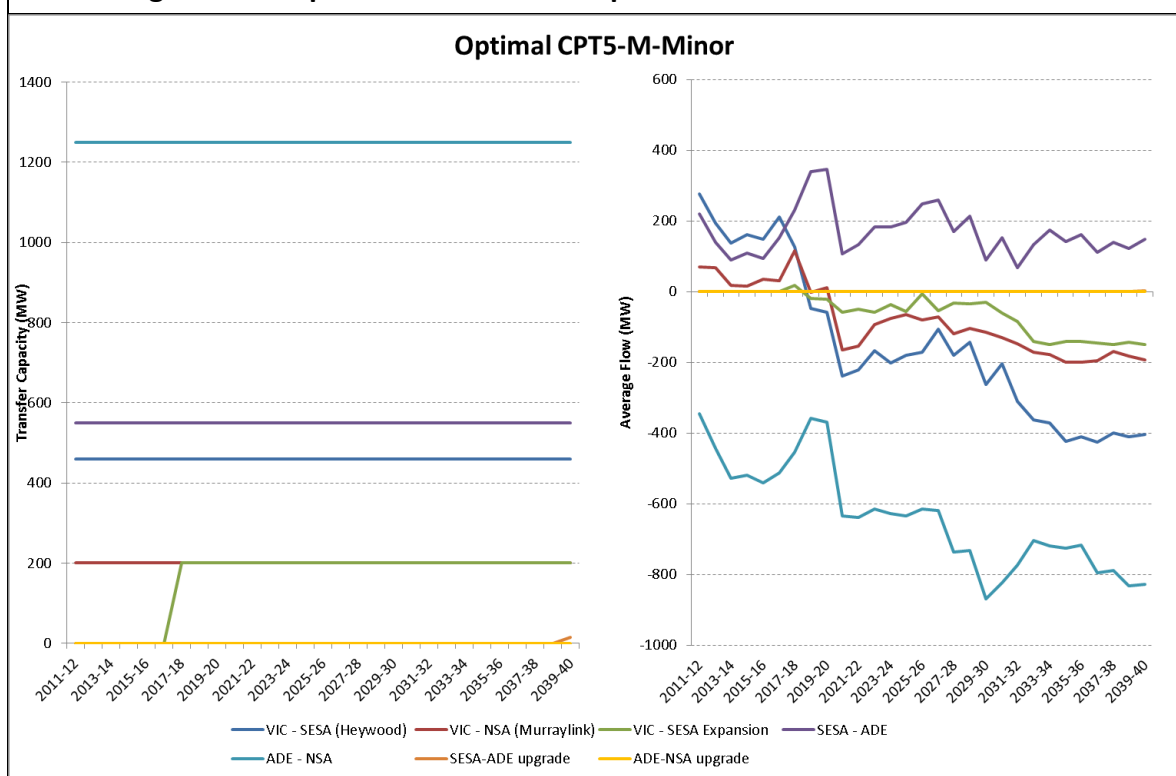
The GSP and least cost planning methodologies are complementary, the least cost method assumes perfect foresight and that market rules can be fine-tuned to deliver the least cost outcome. Conversely the GSP methodology relies mainly on existing market forces to identify those developments that are the most likely to emerge and be profitable for developers. The range of outcomes shown by these two methods thus provides an indication of the likely development in South Australia over the next decade.

**Figure 9.4 – Difference between Market and Optimal Build Schedules:
CPT5-M-Minor**



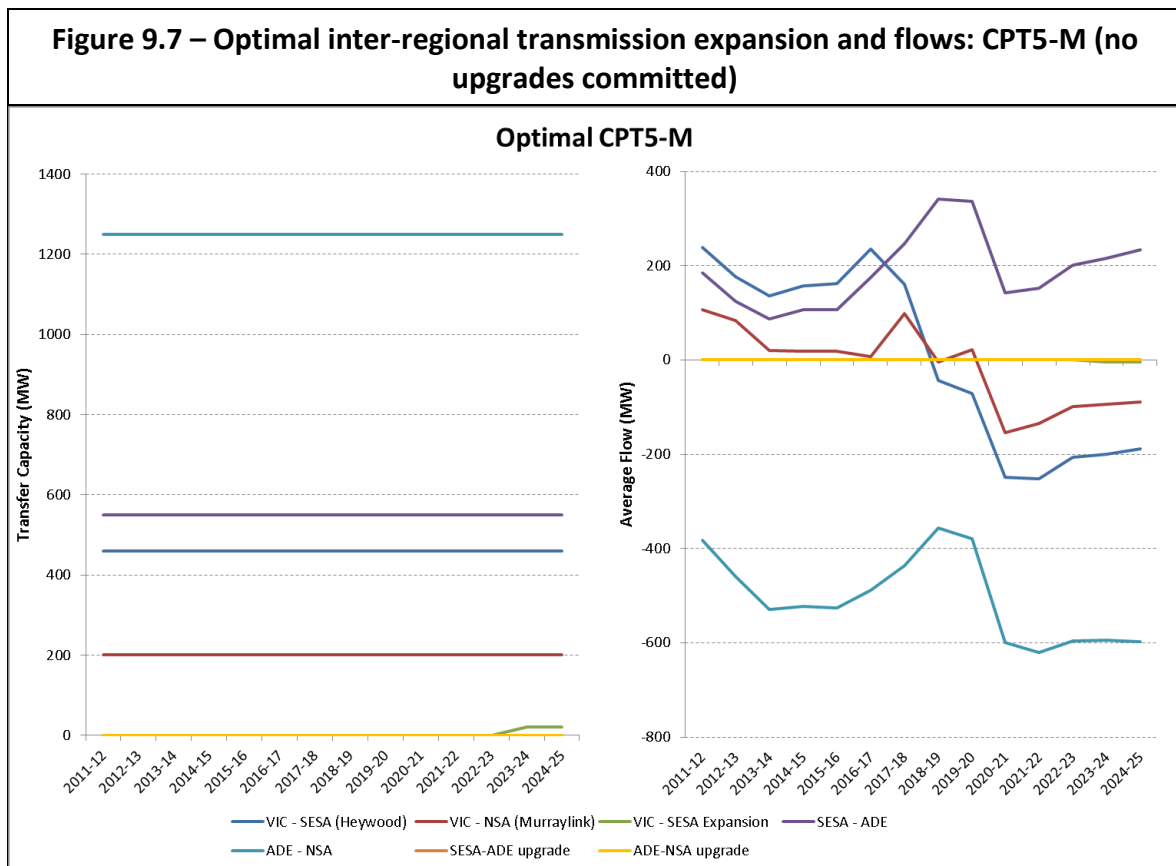
The two figures below show the impact of the two alternate build programmes on the transmission network in accordance with Cases 1 and 2 defined above. The model has determined that under neither scenario does there exist sufficient incentive for expansion of the intra-regional transmission corridors between SESA to ADE and ADE to NSA in the next ten years¹³. For the transmission flows, it is evident from the figures that energy flow is typically import oriented, with Victorian brown coal generators supporting South Australia along Heywood and Murraylink (although this does reduce, becoming neutral on average by about 2020). However for the optimal development case, the increased development of South Australian wind farms results in significant exports, particularly along Heywood. By 2020, South Australia is averaging approximately 200MW flow towards Victoria, while Adelaide marginally reduces its dependence on NSA energy.

¹³ This modelling only considers static thermal ratings of the transmission lines between zones, and therefore represents a pessimistic outcome for transmission development opportunities. Transmission constraints, particularly due to voltage and transient stability issues, are not considered, and the line ratings do not consider the dispatch. As such, care must be taken when interpreting the conclusions reached regarding intra-regional and inter-regional transmission outcomes.

Figure 9.5 – Market Based GSP transmission expansion and flows: CPT5-M-Minor**Figure 9.6 – Optimal transmission expansion and flows: CPT5-M-Minor**

In both scenarios the transmission capacity between VIC and SA is fixed – both scenarios include a 200MW incremental upgrade of Heywood by 2018. In order to test the robustness of the fixed upgrade schedule options, ROAM has conducted least cost modelling to determine the optimal timing and capacity of transmission expansion between SA and VIC. This expansion option allows the LTIRP model to install up to 190MW of bidirectional transfer capacity incrementally at a cost proportional to \$38m for the complete upgrade. The timing of any upgrade is determined by the model to be least cost.

The following figure shows the result if the upgrade is not committed, in accordance with Case 3 defined above. As the figure demonstrates, the VIC-SESA upgrade would still be the least cost development, although it is delayed by several years, ramping up in size beyond the 2025 timeframe. By 2025 that transfer capacity is approximately 20MW.



As the above shows, the GSP assumption that the most likely scenario includes a transmission upgrade of Heywood of 200MW in 2018 is robust given the conclusions reached by the least cost optimisation modelling that transmission needs at least some development before 2025.

9.1 INDUSTRIAL LOAD DEVELOPMENTS

A number of major projects are progressing, particularly in the mining industry, and as yet remain uncommitted. As such, the expansion of load associated with these new uncommitted mining loads is not included in the demand of the scenarios conducted. However, with approximately 1400MW of industrial load potentially entering the market over the forecast period, ElectraNet has requested that sensitivities be conducted to determine the impact that these new loads may have on the generation mix.

Table 9.2 – Industrial Load Development Options					
Proponent	Project	Type	Proposed Load Size (MW)	Location	Proposed Timing
OZ Minerals	Prominent Hill	Mine	45	NSA	2012-13
Lincoln Minerals	Gum Flat	Mine	25	NSA	2012-13
SA Water	Adelaide Desalination Plant	Water Desalination Plant	80	ADE	2012-13
Arafura	Whyalla Rare Earths Complex	Processing Plant	60	NSA	2013-14
OneSteel	Ladle Metallurgy Furnace (LMF)	Processing	20	NSA	2013-14
OneSteel	Mine Expansion	Mine	20	NSA	2013-14
Centrex	Bungalow Eyre Iron Port Spencer	Mines + Port Facilities	230	NSA	2014-15
BHP Billiton	Port Bonython Desalination Plant	Water Desalination Plant	50	NSA	2015-16
Iron Road	Central Eyre Iron	Mine	235	NSA	2015-16
OZ Minerals	Carrapateena Mine	Mine	500	NSA	2015-16
BHP Billiton	Olympic Dam Expansion	Mine	516	NSA	2016-17

ROAM has modelled five additional sensitivities for the most likely scenario (CPT5-M-Minor) using the LTIRP model. The AEMO South Australia Demand Outlook includes additional growth in industrial loads, and as such ROAM has judged that the projects in 2012-13 be covered by this load growth. The sensitivities are therefore defined as follows:

Table 9.3 – Industrial Load Sensitivities

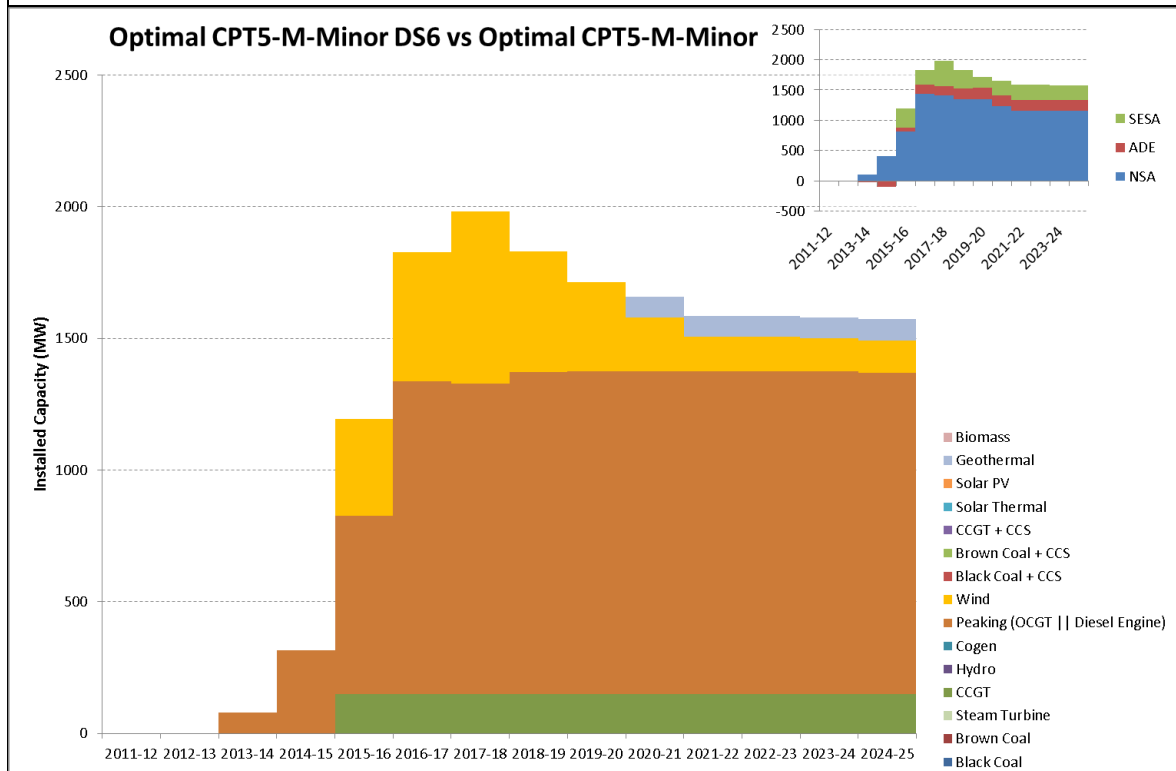
Demand Scenario	Load Developments	Industrial Load Timings (MW)							
		2012	2013	2014	2015	2016	2017	2018	2019 +
1	Base Case	0	0	0	0	0	0	0	0
2	Olympic Dam (OD)	0	0	0	0	50	566	566	566
3	OD + Centrex (CTX)	0	0	0	0	280	796	796	796
4	OD + CTX + Iron Road (Iron)	0	0	0	235	515	1031	1031	1031
5	OD + CTX + Iron + Arafura (ARF)	0	0	60	295	575	1091	1091	1091
6	OD + CTX + Iron + ARF + 50% of other developments	0	0	80	315	845	1361	1361	1361

These sensitivities have been modelled using the most likely scenario (CPT5-M-Minor) as the base case. That is, the market is assumed to include a carbon price trajectory equivalent to the Treasury's 'Core Policy' trajectory which is intended to meet the 5% emissions reduction target by 2020. Similarly, the demand growth is equal to the medium economic growth targets and a 200MW upgrade of Heywood is commissioned in 2017-18.

The resulting build shows a definite preference for the new industrial loads to be supplied by spare capacity at existing generators, local renewable energy, and some new entrant combined cycle gas generation. The figure below shows the change in the capacity installed between the base case and the industrial load scenario with almost 1400MW of additional load installed by 2016-17.

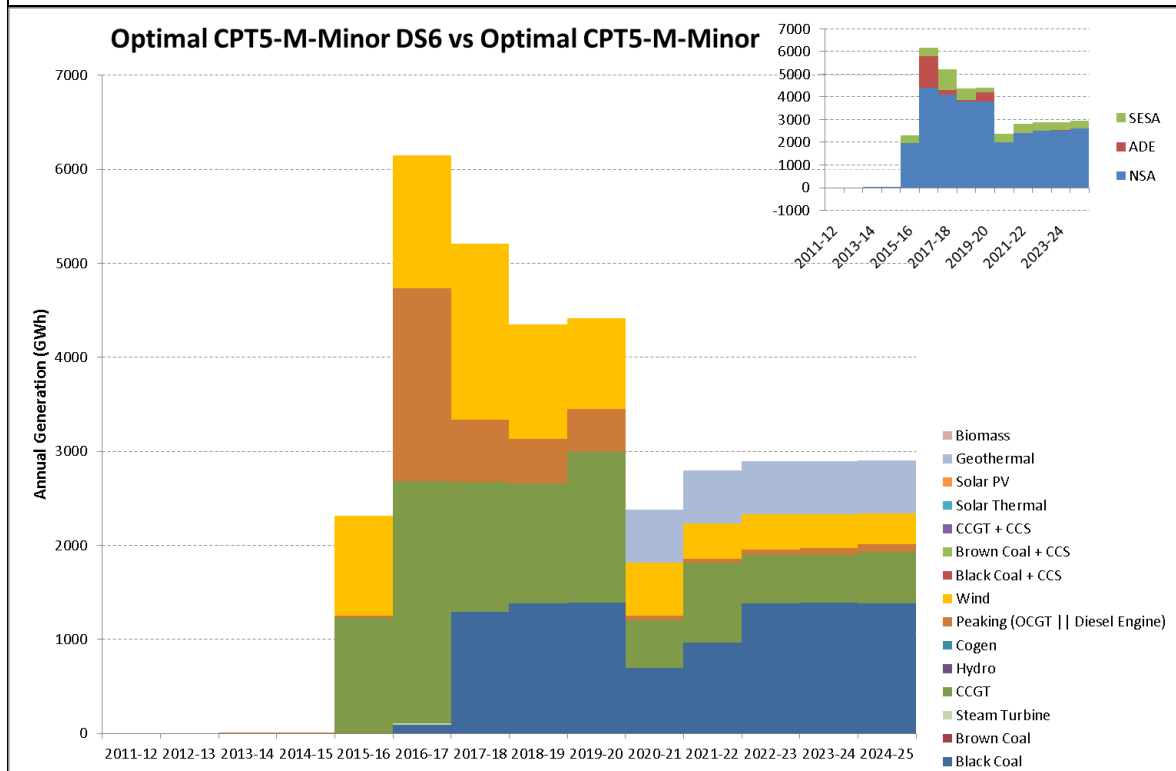
Locational signals, in the form of an allowance for intraconnector losses and limits have been included in the assessment of location of all generation and load and the forecast flows are explicitly shown in the tables in Section A.7. However, as noted above, specific constraint equations for voltage and transient stability limits have not been incorporated in the modelling as such equations would require additional development effort by ElectraNet.

Figure 9.8 – Installed Capacity (Difference) between Base CPT5-M-Minor and 1400MW industrial load sensitivity



As the figure above shows, in terms of capacity there is approximately 1400MW of additional gas fired plant, 1200MW of which is open cycle with an additional 150MW of combined cycle plant. Furthermore, approximately 400MW of additional wind is installed to provide energy for the industrial loads (as well as earlier uptake of wind), with approximately 300MW of geothermal by 2025. In terms of which technologies provide the energy which is consumed by the additional industrial loads, the figure below shows this breakdown.

Figure 9.9 – Annual Generation (Difference) between Base CPT5-M-Minor and 1400MW industrial load sensitivity



As shown in the figure, a mix of thermal and renewable generation supplies the expanded industrial loads, as well as increased support from Victoria (as denoted by the reduction in local generation difference post 2020-21). Northern power station in particular reclaims some lost market share, supplying approximately 1000GWh in some years above the level supplied without the increased load. The loads also support new combined cycle plant with wind and geothermal providing the significant contributions. From 2020, when geothermal¹⁴ is included as a viable generation alternative in NSA in the model, it is the preferred energy supplier for these industrial loads. Some existing stations do benefit from increased local demand, while the considerable extra peaking capacity installed, required for reliability purposes, provides very little energy annually. The model has selected local generation options (as shown in the inset figure, with the majority of increased capacity installed in NSA, although much of the new peaking plant is located in ADE for reliability purposes) and therefore the increased load provides limited additional incentives to upgrade the intra-regional transmission network.

¹⁴ The costs associated with geothermal exclude the transmission costs associated with connecting the Innamincka plant to the grid at Olympic Dam.

10 DISCUSSION

The South Australian electricity sector is facing considerable changes over the next decade. The introduction of a price on emissions will support the existing Renewable Energy Target in delivering lower emissions technologies, both renewable and non-renewable. Renewable generation technologies, including wind, geothermal, solar and wave are all expected to play an increasing role in generation, while traditional thermal generating fuels such as coal will reduce market share. In some cases, early retirement will be incentivised through the Australian Government's contract for closure process, and this is expected to impact South Australia in particular as the Playford and Northern Power Stations come under economic scrutiny.

Transmission Network Service Providers will experience flow on effects from the changes in generation development and growth in load in South Australia. Increased use of transmission services will be necessary should the market succeed in delivering a broad mix of diversely located renewable energy generators to the grid. South Australia has been proactive in this arena, with an Interconnector Feasibility Study, published jointly by AEMO and ElectraNet, already assessing the potential market benefits of network expansion. ElectraNet is continuing this work (in conjunction with AEMO) by examining a RIT-T for an incremental augmentation of the Heywood interconnector. With the abundance of local renewable resources, transmission capacities will be stretched in order to allow the exploitation of excellent local resources, particularly for intermittent wind generators.

Further load developments, such as the proposed expansion of the Olympic Dam uranium mining facility operated by BHP-Billiton, which is awaiting a board decision to proceed, will create a new major demand hub in northern South Australia.

ROAM's scenario analysis of the next decade of the South Australian energy sector reflects this changing landscape. The GSP methodology, which uses global drivers and market intelligence to determine the likely range of development options, is backed up by least cost expansion modelling, to deliver a clear indication of the locations and scale of likely renewable and non-renewable generation developments. The least cost expansion modelling shows that South Australia should continue its leading position in the Australian renewable energy market, with up to 70% of energy generated in the state being from renewable sources in the most ambitious of the modelled scenarios. The average of all modelled scenarios is 55% - well above the 33% State target recently announced. The scope for continued development of the wind sector will be particularly reliant on the development of inter-regional interconnector upgrades, as shown by a number of studies conducted in the last twelve months. Interconnector development approval is therefore a leading indicator of the scale of renewable developments in South Australia. Intra-regional interconnectors, at the level of detail modelled in this scenario analysis, are more able to cope with the anticipated changes in generation development,

as renewable growth will tend to complement demand growth. However, 'tidal' flows due to the scale of intermittent energy developments, may result in the need for some intra-regional expansion, depending on the outcome of detailed system studies.

Appendix A) Least Cost Optimisation Results

This appendix contains the results of the least cost expansion optimisation modelling. Section 9 has a thorough example to assist in interpreting these results.

A.1) Total Thermal Capacity

The following figures show the overall level of thermal plant installed in the 6 scenarios, showing the least cost optimisation development versus the generation scenarios planning approach. As shown, the thermal build to 2025 is very similar in terms of overall MW installed.

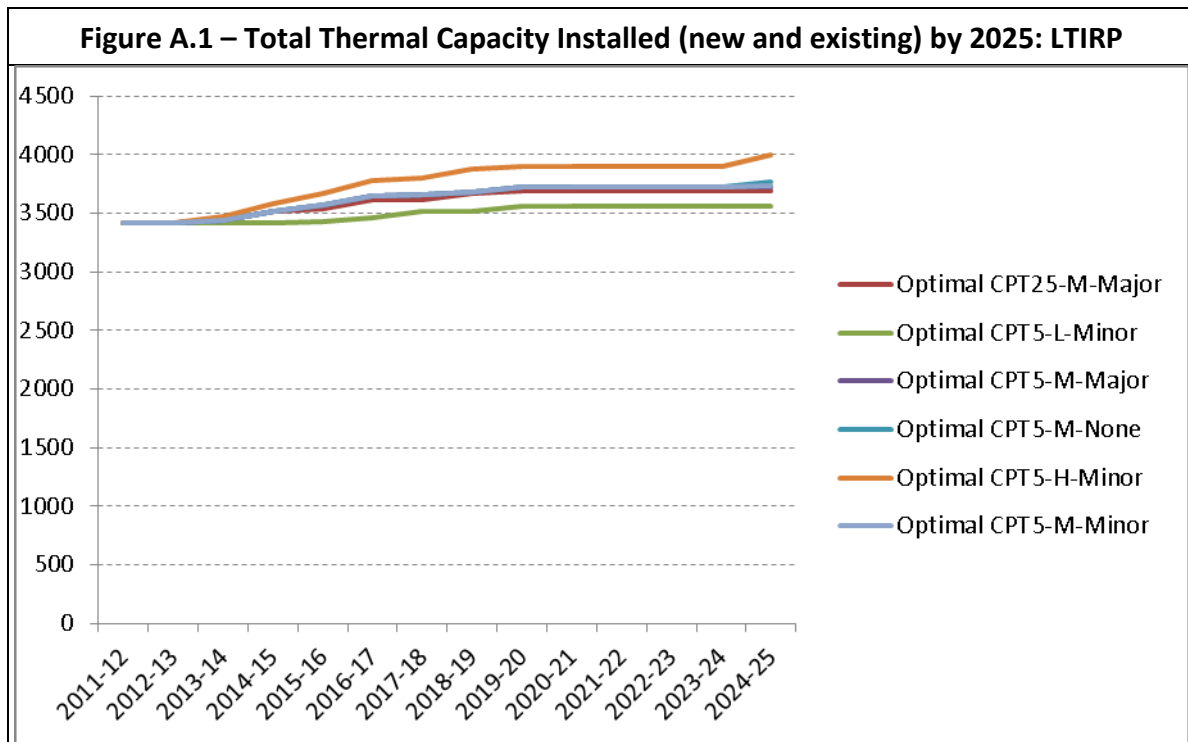
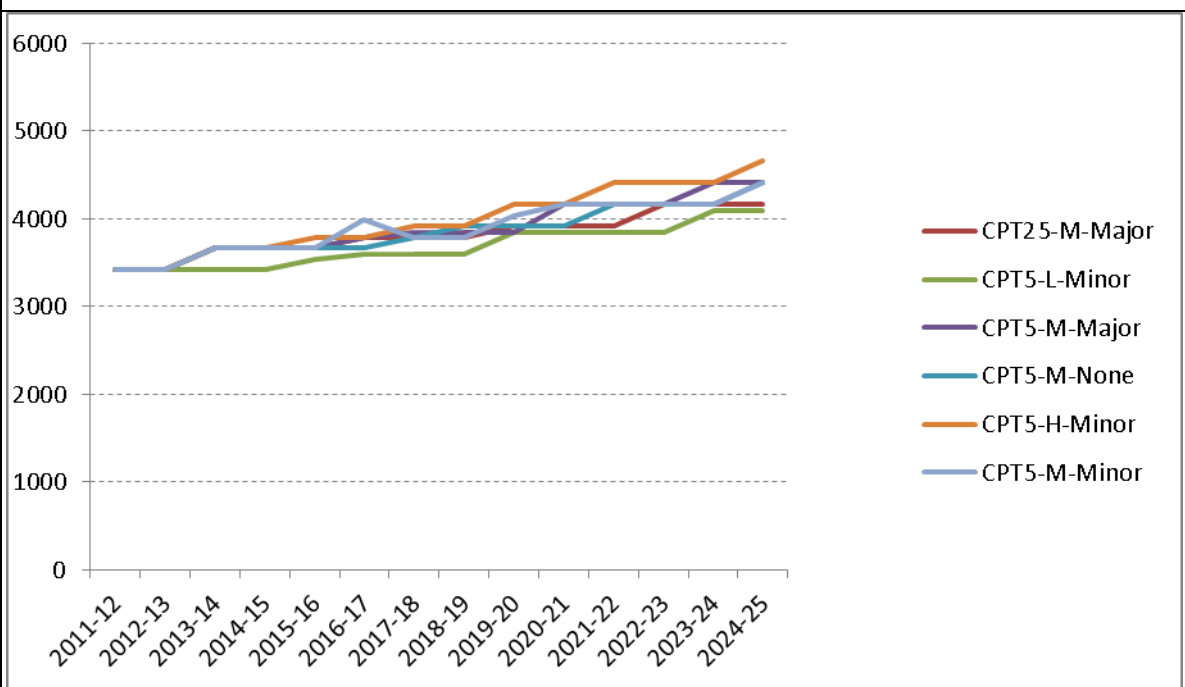
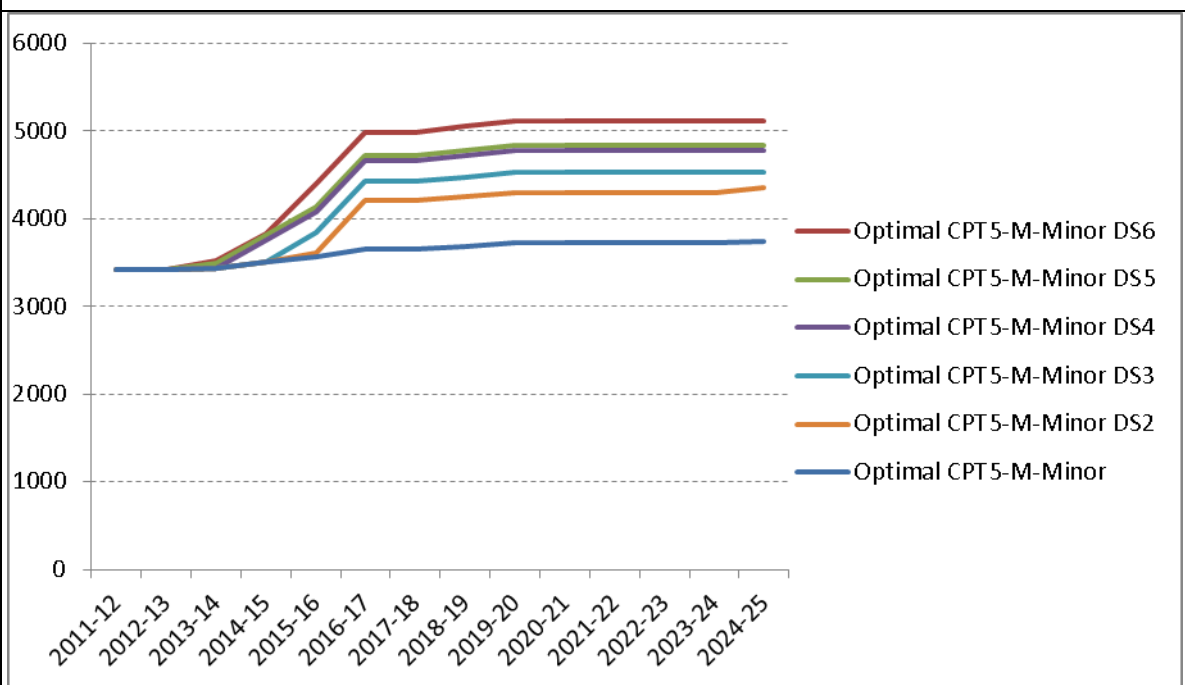


Figure A.2 – Total Thermal Capacity Installed (new and existing) by 2025: GSP**Figure A.3 – Total Thermal Capacity Installed (new and existing) by 2025: demand sensitivities around the most likely (CPT5-M-Minor) base case**

A.2) Total Renewable Capacity

The following figures show the total installed capacity of renewable generation.

Figure A.4 – Total Renewable Capacity Installed (new and existing) by 2025: LTIRP

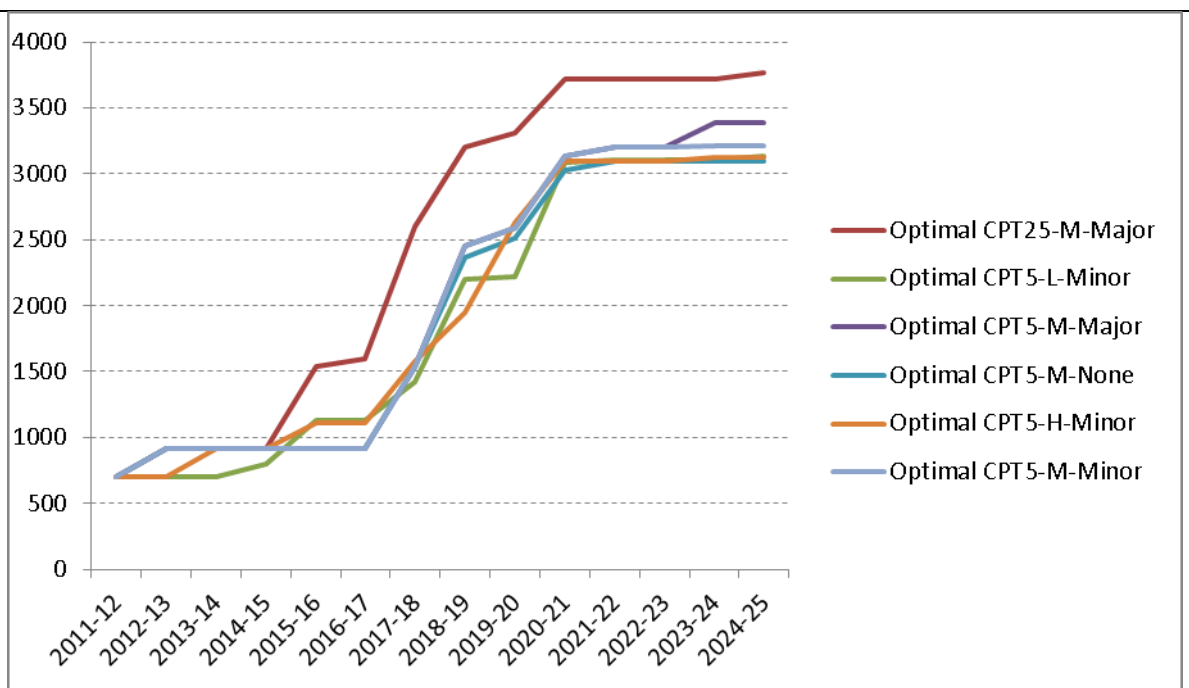


Figure A.5 – Total Renewable Capacity Installed (new and existing) by 2025: GSP

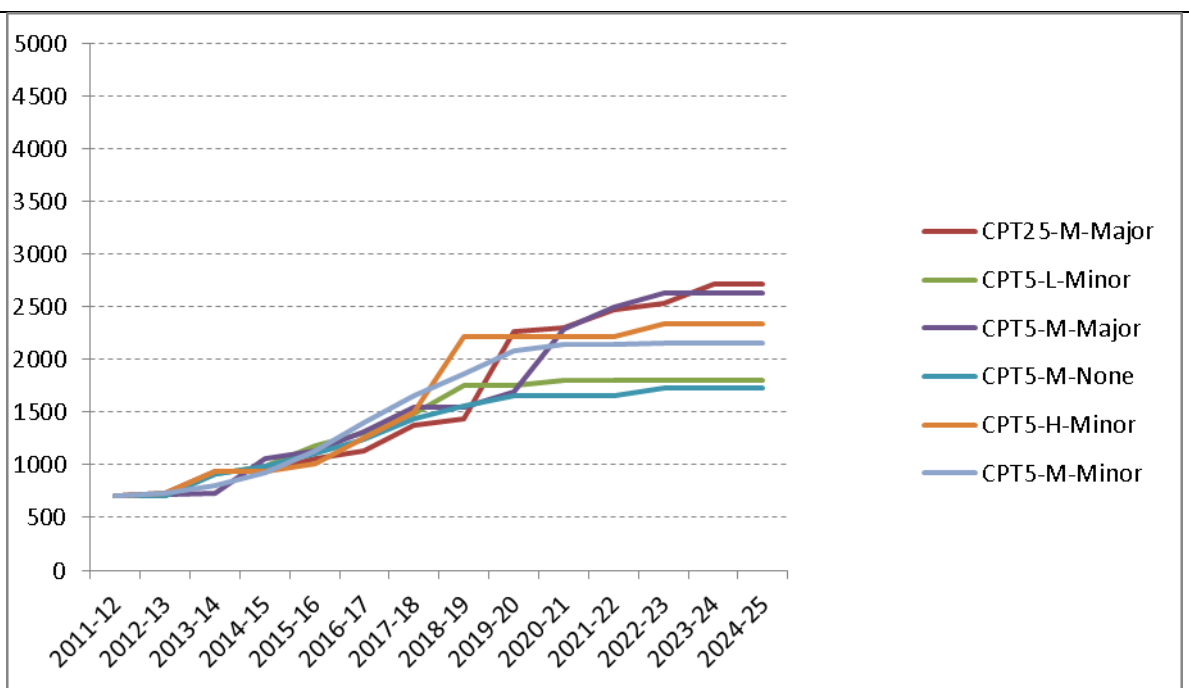
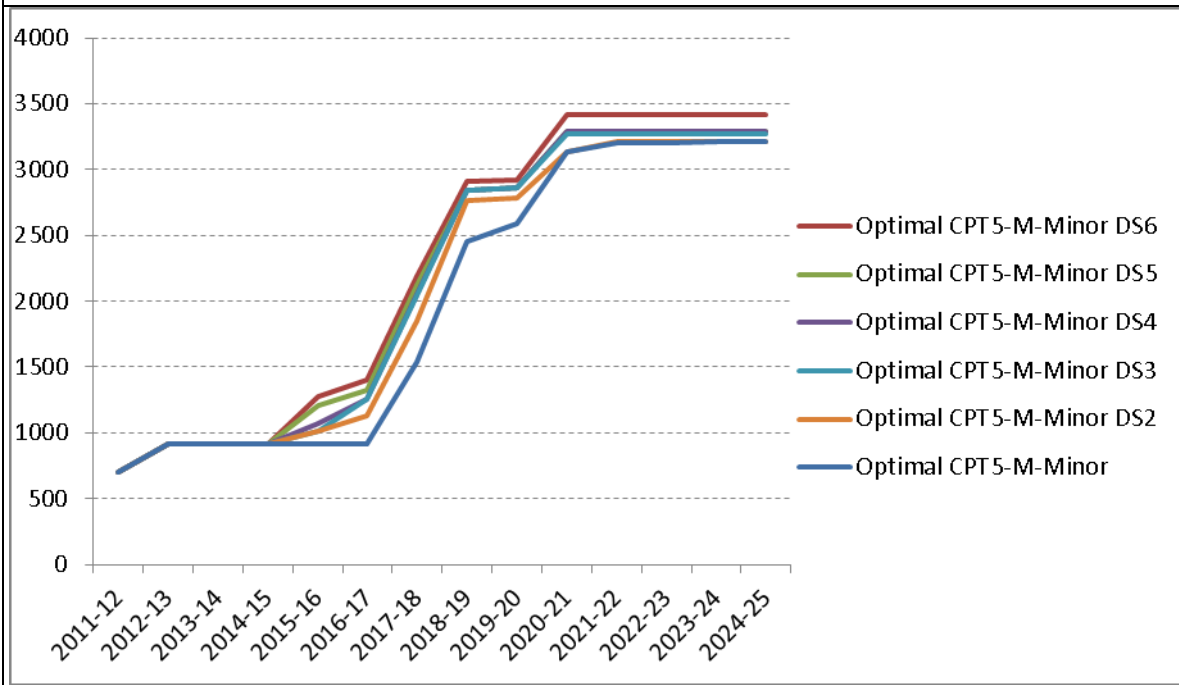


Figure A.6 – Total Renewable Capacity Installed (new and existing) by 2025: demand sensitivities around the most likely (CPT5-M-Minor) base case



A.3) Total Renewable Energy Share

The figures below show the total share of energy generated within South Australia for renewable generators. In all cases, the share exceeds the State's 33% target in 2020.

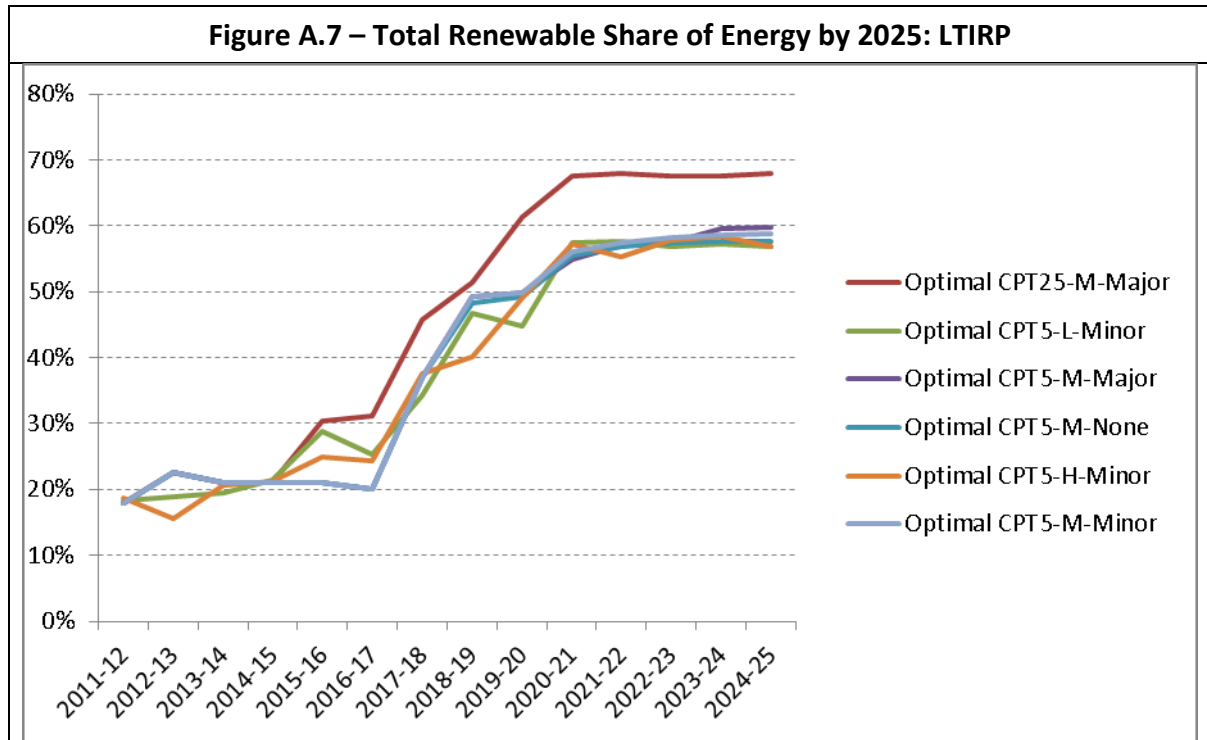
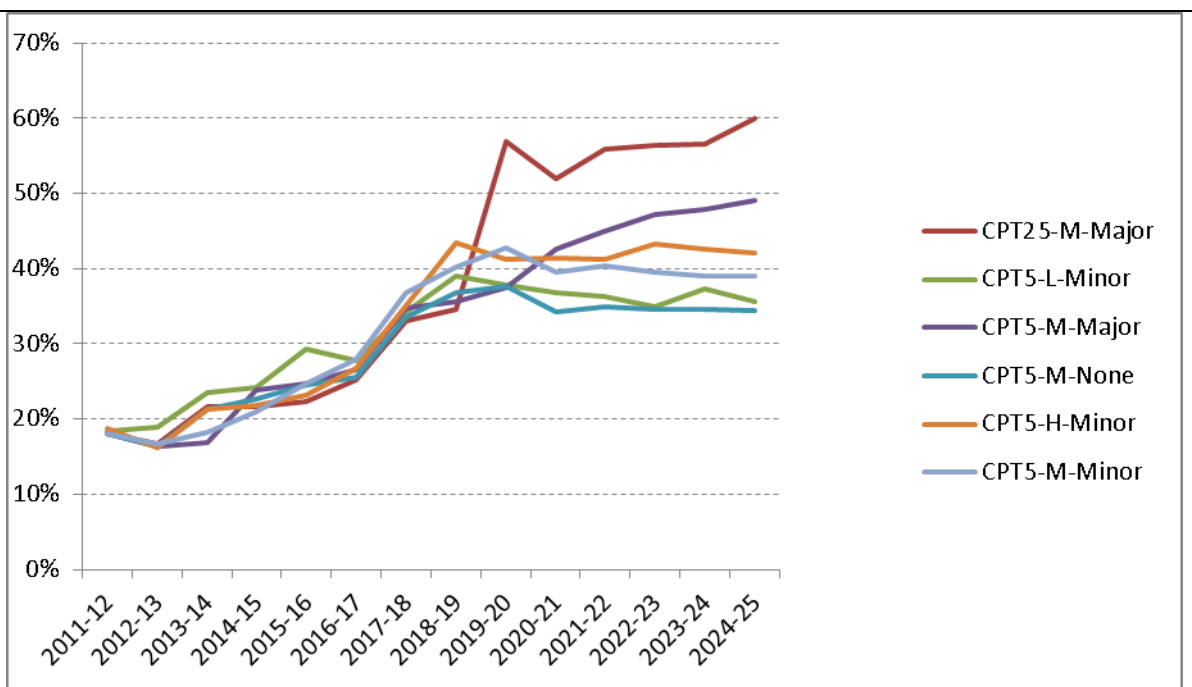
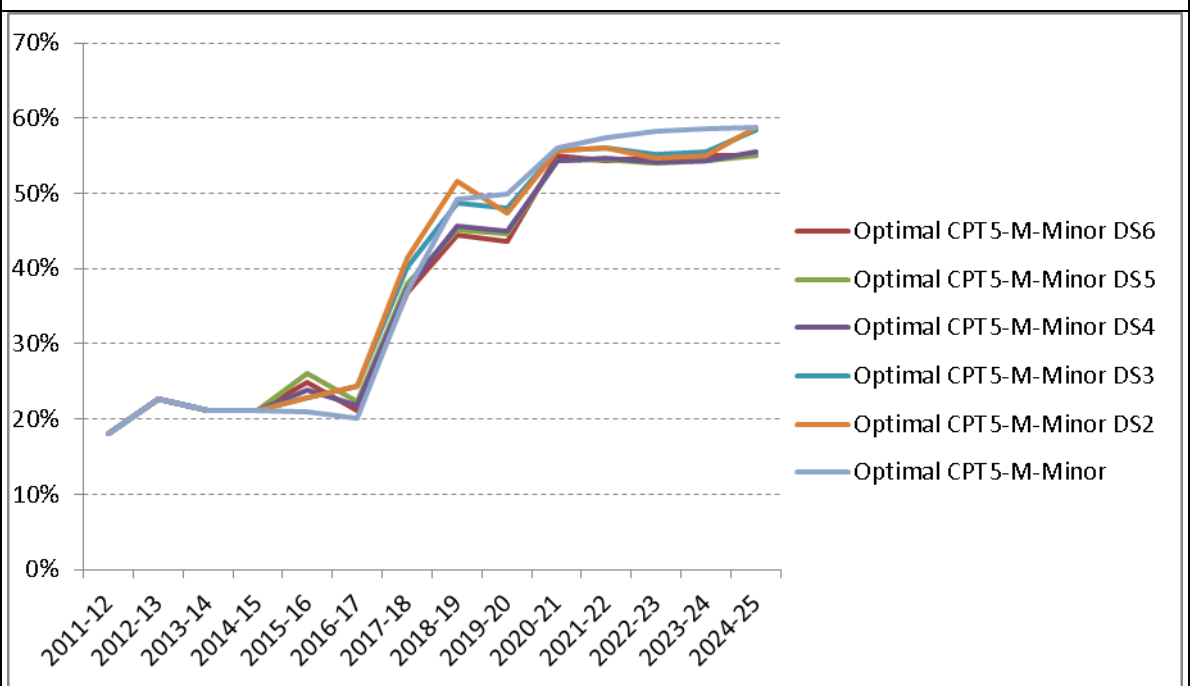


Figure A.8 – Total Renewable Share of Energy by 2025: GSP**Figure A.9 – Total Renewable Share of Energy by 2025: demand sensitivities around the most likely (CPT5-M-Minor) base case**

A.4) Detailed Least Cost Optimised Development Schedules by Scenario

The following sections detail the plant mix which was selected by the LTIRP model in each of the scenarios, in order to minimise total system cost.

CPT5-M-Minor

Table A.1 – Committed, advanced and proposed Generation options for installation				
Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Bluff	Wind	Hallett (NSA)	53MW	2011-12
Waterloo Expansion	Wind	Waterloo (NSA)	18MW	Not Installed
Barn Hill 1	Wind	Barunga (NSA)	124MW	Not Installed
Barn Hill 2	Wind	Barunga (NSA)	62MW	Not Installed
Pelican Point 2	OCGT	Pelican Point (ADE)	320MW	Not Installed
Quarantine 6	OCGT	Quarantine (ADE)	125MW	Not Installed
Torrens Island C 1	OCGT	Torrens Island (ADE)	250MW	Not Installed
Stony Gap	Wind	Burra (NSA)	123MW	2017-18
Penola Stage 1	Geothermal	Penola (SESA)	6MW	Not Installed
Snowtown Expansion	Wind	Snowtown (NSA)	210MW	2012-13
Robertstown	Wind	Robertstown (NSA)	75MW	2018-19
Allendale	Wind	Allendale East (SESA)	69MW	Not Installed
Cherokee Stage 1	OCGT	Tepco (ADE)	250MW	2013-14
Mt Bryan	Wind	Hallett (NSA)	99MW	2020-21
Innamincka 1	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Torrens Island C 2	OCGT	Torrens Island (ADE)	250MW	2017-18
Torrens Island C 3	OCGT	Torrens Island (ADE)	250MW	2019-20
Willogeleche	Wind	Hallett (NSA)	74MW	2021-22
Woakwine 1	Wind	Millicent (SESA)	120MW	2018-19
Woakwine 2	Wind	Millicent (SESA)	120MW	2018-19
Woakwine 3	Wind	Millicent (SESA)	180MW	2023-24
Innamincka 2	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Robe	Wind	Robe (SESA)	600MW	2018-19

Table A.1 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Penola Stage 2	Geothermal	Penola (SESA)	23MW	Not Installed
Carmodys Hill	Wind	Georgetown (NSA)	140MW	Not Installed
Crystal Brook	Wind	Crystal Brook (NSA)	80MW	Not Installed
Green Point	Wind	Port MacDonnell (SESA)	54MW	Not Installed
Keyneton	Wind	Keyneton (NSA)	131MW	Not Installed
Kulpara 1	Wind	Kulpara (NSA)	60MW	Not Installed
Kulpara 2	Wind	Kulpara (NSA)	90MW	Not Installed
Lincoln Gap	Wind	Port Augusta (NSA)	177MW	Not Installed
Elliston 1	Wind	Eyre Peninsula (NSA)	16MW	2019-20
Whyalla	Solar Thermal	Whyalla (NSA)	28MW	2020-21
Alinta Gas Turbine	OCGT	Playford (NSA)	300MW	Not Installed
Ceres Wind	Wind	Adelaide via HVDC (ADE)	600MW	Not Installed
Ceres Pilot Biomass	Biomass	Adelaide via HVDC (ADE)	120MW	Not Installed
Point Patterson CCGT	CCGT	Port Augusta (NSA)	150MW	Not Installed
Point Patterson Solar Backup	Solar Thermal	Port Augusta (NSA)	50MW	Not Installed
Penola Stage 3	Geothermal	Penola (SESA)	100MW	Not Installed
Penola Stage 4	Geothermal	Penola (SESA)	260MW	Not Installed
Arckaringa	IGCC	Arckaringa (NSA)	570MW	Not Installed
Innamincka 3	Geothermal	Innamincka (NSA)	200MW	2020-21
Innamincka 4	Geothermal	Innamincka (NSA)	200MW	2020-21
Kongorong 1	Wind	Kongorong (SESA)	100MW	Not Installed
Kongorong 2	Wind	Kongorong (SESA)	140MW	Not Installed
Mount Hill 1	Wind	Eyre Peninsula (NSA)	80MW	Not Installed
Mount Hill 2	Wind	Eyre Peninsula (NSA)	100MW	Not Installed
Elliston 2	Wind	Eyre Peninsula (NSA)	65MW	2017-18
Lake Hamilton	Wind	Eyre Peninsula (NSA)	110MW	Not Installed

Table A.1 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Mount Benson	Wind	Mount Benson (SESA)	130MW	2017-18
Lake George	Wind	Lake George (SESA)	120MW	2019-20
Sheringa Beach	Wind	Eyre Peninsula (NSA)	100MW	2020-21
Cape Jaffa	Wind	Cape Jaffa (SESA)	200MW	2017-18
Lake Eliza	Wind	Lake Eliza (SESA)	50MW	2017-18
Loch Well Beach	Wind	Eyre Peninsula (NSA)	54MW	2017-18
Quorn	Solar PV	Quorn (NSA)	50MW	Not Installed
Carnegie Wave	Wave	Port MacDonnell (SESA)	50MW	2015-16
Wave Rider	Wave	Eyre Peninsula (NSA)	50MW	Not Installed
Cherokee Stage 2	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 3	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 4	OCGT	Tepco (ADE)	250MW	Not Installed
Green Grid Stage 1	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 2	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 3	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 4	Wind	Eyre Peninsula (NSA)	400MW	Not Installed

CPT5-M-Major

Table A.2 – Committed, advanced and proposed Generation options for installation				
Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Bluff	Wind	Hallett (NSA)	53MW	2011-12
Waterloo Expansion	Wind	Waterloo (NSA)	18MW	Not Installed
Barn Hill 1	Wind	Barunga (NSA)	124MW	Not Installed
Barn Hill 2	Wind	Barunga (NSA)	62MW	Not Installed
Pelican Point 2	OCGT	Pelican Point (ADE)	320MW	Not Installed
Quarantine 6	OCGT	Quarantine (ADE)	125MW	Not Installed
Torrens Island C 1	OCGT	Torrens Island (ADE)	250MW	Not Installed
Stony Gap	Wind	Burra (NSA)	123MW	2017-18
Penola Stage 1	Geothermal	Penola (SESA)	6MW	Not Installed
Snowtown Expansion	Wind	Snowtown (NSA)	210MW	2012-13
Robertstown	Wind	Robertstown (NSA)	75MW	2018-19
Allendale	Wind	Allendale East (SESA)	69MW	Not Installed
Cherokee Stage 1	OCGT	Tepco (ADE)	250MW	2013-14
Mt Bryan	Wind	Hallett (NSA)	99MW	2020-21
Innamincka 1	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Torrens Island C 2	OCGT	Torrens Island (ADE)	250MW	2017-18
Torrens Island C 3	OCGT	Torrens Island (ADE)	250MW	2019-20
Willogeleche	Wind	Hallett (NSA)	74MW	2021-22
Woakwine 1	Wind	Millicent (SESA)	120MW	2018-19
Woakwine 2	Wind	Millicent (SESA)	120MW	2018-19
Woakwine 3	Wind	Millicent (SESA)	180MW	2023-24
Innamincka 2	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Robe	Wind	Robe (SESA)	600MW	2018-19
Penola Stage 2	Geothermal	Penola (SESA)	23MW	Not Installed
Carmodys Hill	Wind	Georgetown (NSA)	140MW	Not Installed
Crystal Brook	Wind	Crystal Brook (NSA)	80MW	Not Installed
Green Point	Wind	Port MacDonnell (SESA)	54MW	Not Installed
Keyneton	Wind	Keyneton (NSA)	131MW	Not Installed

Table A.2 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Kulpara 1	Wind	Kulpara (NSA)	60MW	Not Installed
Kulpara 2	Wind	Kulpara (NSA)	90MW	Not Installed
Lincoln Gap	Wind	Port Augusta (NSA)	177MW	Not Installed
Elliston 1	Wind	Eyre Peninsula (NSA)	16MW	2019-20
Whyalla	Solar Thermal	Whyalla (NSA)	28MW	2020-21
Alinta Gas Turbine	OCGT	Playford (NSA)	300MW	Not Installed
Ceres Wind	Wind	Adelaide via HVDC (ADE)	600MW	Not Installed
Ceres Pilot Biomass	Biomass	Adelaide via HVDC (ADE)	120MW	Not Installed
Point Patterson CCGT	CCGT	Port Augusta (NSA)	150MW	Not Installed
Point Patterson Solar Backup	Solar Thermal	Port Augusta (NSA)	50MW	Not Installed
Penola Stage 3	Geothermal	Penola (SESA)	100MW	Not Installed
Penola Stage 4	Geothermal	Penola (SESA)	260MW	Not Installed
Arckaringa	IGCC	Arckaringa (NSA)	570MW	Not Installed
Innamincka 3	Geothermal	Innamincka (NSA)	200MW	2020-21
Innamincka 4	Geothermal	Innamincka (NSA)	200MW	2020-21
Kongorong 1	Wind	Kongorong (SESA)	100MW	Not Installed
Kongorong 2	Wind	Kongorong (SESA)	140MW	Not Installed
Mount Hill 1	Wind	Eyre Peninsula (NSA)	80MW	Not Installed
Mount Hill 2	Wind	Eyre Peninsula (NSA)	100MW	Not Installed
Elliston 2	Wind	Eyre Peninsula (NSA)	65MW	2017-18
Lake Hamilton	Wind	Eyre Peninsula (NSA)	110MW	Not Installed
Mount Benson	Wind	Mount Benson (SESA)	130MW	2017-18
Lake George	Wind	Lake George (SESA)	120MW	2019-20
Sheringa Beach	Wind	Eyre Peninsula (NSA)	100MW	2020-21
Cape Jaffa	Wind	Cape Jaffa (SESA)	200MW	2017-18

Table A.2 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Lake Eliza	Wind	Lake Eliza (SESA)	50MW	2017-18
Loch Well Beach	Wind	Eyre Peninsula (NSA)	54MW	2017-18
Quorn	Solar PV	Quorn (NSA)	50MW	Not Installed
Carnegie Wave	Wave	Port MacDonnell (SESA)	50MW	2015-16
Wave Rider	Wave	Eyre Peninsula (NSA)	50MW	Not Installed
Cherokee Stage 2	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 3	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 4	OCGT	Tepco (ADE)	250MW	Not Installed
Green Grid Stage 1	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 2	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 3	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 4	Wind	Eyre Peninsula (NSA)	400MW	Not Installed

CPT5-M-None

Table A.3 – Committed, advanced and proposed Generation options for installation				
Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Bluff	Wind	Hallett (NSA)	53MW	2011-12
Waterloo Expansion	Wind	Waterloo (NSA)	18MW	Not Installed
Barn Hill 1	Wind	Barunga (NSA)	124MW	Not Installed
Barn Hill 2	Wind	Barunga (NSA)	62MW	Not Installed
Pelican Point 2	OCGT	Pelican Point (ADE)	320MW	Not Installed
Quarantine 6	OCGT	Quarantine (ADE)	125MW	Not Installed
Torrens Island C 1	OCGT	Torrens Island (ADE)	250MW	2015-16
Stony Gap	Wind	Burra (NSA)	123MW	2017-18
Penola Stage 1	Geothermal	Penola (SESA)	6MW	Not Installed
Snowtown Expansion	Wind	Snowtown (NSA)	210MW	2012-13
Robertstown	Wind	Robertstown (NSA)	75MW	2018-19
Allendale	Wind	Allendale East (SESA)	69MW	Not Installed
Cherokee Stage 1	OCGT	Tepco (ADE)	250MW	2013-14
Mt Bryan	Wind	Hallett (NSA)	99MW	2020-21
Innamincka 1	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Torrens Island C 2	OCGT	Torrens Island (ADE)	250MW	2017-18
Torrens Island C 3	OCGT	Torrens Island (ADE)	250MW	2019-20
Willogeleche	Wind	Hallett (NSA)	74MW	2021-22
Woakwine 1	Wind	Millicent (SESA)	120MW	2018-19
Woakwine 2	Wind	Millicent (SESA)	120MW	2018-19
Woakwine 3	Wind	Millicent (SESA)	180MW	Not Installed
Innamincka 2	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Robe	Wind	Robe (SESA)	600MW	2018-19
Penola Stage 2	Geothermal	Penola (SESA)	23MW	Not Installed
Carmodys Hill	Wind	Georgetown (NSA)	140MW	Not Installed
Crystal Brook	Wind	Crystal Brook (NSA)	80MW	Not Installed
Green Point	Wind	Port MacDonnell (SESA)	54MW	Not Installed
Keyneton	Wind	Keyneton (NSA)	131MW	Not Installed

Table A.3 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Kulpara 1	Wind	Kulpara (NSA)	60MW	Not Installed
Kulpara 2	Wind	Kulpara (NSA)	90MW	Not Installed
Lincoln Gap	Wind	Port Augusta (NSA)	177MW	Not Installed
Elliston 1	Wind	Eyre Peninsula (NSA)	16MW	2019-20
Whyalla	Solar Thermal	Whyalla (NSA)	28MW	2020-21
Alinta Gas Turbine	OCGT	Playford (NSA)	300MW	Not Installed
Ceres Wind	Wind	Adelaide via HVDC (ADE)	600MW	Not Installed
Ceres Pilot Biomass	Biomass	Adelaide via HVDC (ADE)	120MW	Not Installed
Point Patterson CCGT	CCGT	Port Augusta (NSA)	150MW	Not Installed
Point Patterson Solar Backup	Solar Thermal	Port Augusta (NSA)	50MW	Not Installed
Penola Stage 3	Geothermal	Penola (SESA)	100MW	Not Installed
Penola Stage 4	Geothermal	Penola (SESA)	260MW	Not Installed
Arckaringa	IGCC	Arckaringa (NSA)	570MW	Not Installed
Innamincka 3	Geothermal	Innamincka (NSA)	200MW	2020-21
Innamincka 4	Geothermal	Innamincka (NSA)	200MW	2020-21
Kongorong 1	Wind	Kongorong (SESA)	100MW	Not Installed
Kongorong 2	Wind	Kongorong (SESA)	140MW	Not Installed
Mount Hill 1	Wind	Eyre Peninsula (NSA)	80MW	Not Installed
Mount Hill 2	Wind	Eyre Peninsula (NSA)	100MW	Not Installed
Elliston 2	Wind	Eyre Peninsula (NSA)	65MW	2017-18
Lake Hamilton	Wind	Eyre Peninsula (NSA)	110MW	Not Installed
Mount Benson	Wind	Mount Benson (SESA)	130MW	2017-18
Lake George	Wind	Lake George (SESA)	120MW	2019-20
Sheringa Beach	Wind	Eyre Peninsula (NSA)	100MW	2019-20
Cape Jaffa	Wind	Cape Jaffa (SESA)	200MW	2017-18

Table A.3 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Lake Eliza	Wind	Lake Eliza (SESA)	50MW	2017-18
Loch Well Beach	Wind	Eyre Peninsula (NSA)	54MW	2017-18
Quorn	Solar PV	Quorn (NSA)	50MW	Not Installed
Carnegie Wave	Wave	Port MacDonnell (SESA)	50MW	Not Installed
Wave Rider	Wave	Eyre Peninsula (NSA)	50MW	2024-25
Cherokee Stage 2	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 3	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 4	OCGT	Tepco (ADE)	250MW	Not Installed
Green Grid Stage 1	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 2	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 3	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 4	Wind	Eyre Peninsula (NSA)	400MW	Not Installed

CPT5-L-Minor

Table A.4 – Committed, advanced and proposed Generation options for installation				
Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Bluff	Wind	Hallett (NSA)	53MW	2011-12
Waterloo Expansion	Wind	Waterloo (NSA)	18MW	Not Installed
Barn Hill 1	Wind	Barunga (NSA)	124MW	Not Installed
Barn Hill 2	Wind	Barunga (NSA)	62MW	Not Installed
Pelican Point 2	OCGT	Pelican Point (ADE)	320MW	2016-17
Quarantine 6	OCGT	Quarantine (ADE)	125MW	Not Installed
Torrens Island C 1	OCGT	Torrens Island (ADE)	250MW	Not Installed
Stony Gap	Wind	Burra (NSA)	123MW	2020-21
Penola Stage 1	Geothermal	Penola (SESA)	6MW	Not Installed
Snowtown Expansion	Wind	Snowtown (NSA)	210MW	2015-16
Robertstown	Wind	Robertstown (NSA)	75MW	2020-21
Allendale	Wind	Allendale East (SESA)	69MW	Not Installed
Cherokee Stage 1	OCGT	Tepco (ADE)	250MW	Not Installed
Mt Bryan	Wind	Hallett (NSA)	99MW	2014-15
Innamincka 1	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Torrens Island C 2	OCGT	Torrens Island (ADE)	250MW	2017-18
Torrens Island C 3	OCGT	Torrens Island (ADE)	250MW	Not Installed
Willogeleche	Wind	Hallett (NSA)	74MW	2018-19
Woakwine 1	Wind	Millicent (SESA)	120MW	2015-16
Woakwine 2	Wind	Millicent (SESA)	120MW	2017-18
Woakwine 3	Wind	Millicent (SESA)	180MW	2024-25
Innamincka 2	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Robe	Wind	Robe (SESA)	600MW	2018-19
Penola Stage 2	Geothermal	Penola (SESA)	23MW	Not Installed
Carmodys Hill	Wind	Georgetown (NSA)	140MW	Not Installed
Crystal Brook	Wind	Crystal Brook (NSA)	80MW	Not Installed
Green Point	Wind	Port MacDonnell (SESA)	54MW	Not Installed
Keyneton	Wind	Keyneton (NSA)	131MW	Not Installed

Table A.4 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Kulpara 1	Wind	Kulpara (NSA)	60MW	Not Installed
Kulpara 2	Wind	Kulpara (NSA)	90MW	Not Installed
Lincoln Gap	Wind	Port Augusta (NSA)	177MW	Not Installed
Elliston 1	Wind	Eyre Peninsula (NSA)	16MW	2019-20
Whyalla	Solar Thermal	Whyalla (NSA)	28MW	2020-21
Alinta Gas Turbine	OCGT	Playford (NSA)	300MW	Not Installed
Ceres Wind	Wind	Adelaide via HVDC (ADE)	600MW	Not Installed
Ceres Pilot Biomass	Biomass	Adelaide via HVDC (ADE)	120MW	Not Installed
Point Patterson CCGT	CCGT	Port Augusta (NSA)	150MW	Not Installed
Point Patterson Solar Backup	Solar Thermal	Port Augusta (NSA)	50MW	Not Installed
Penola Stage 3	Geothermal	Penola (SESA)	100MW	Not Installed
Penola Stage 4	Geothermal	Penola (SESA)	260MW	Not Installed
Arckaringa	IGCC	Arckaringa (NSA)	570MW	Not Installed
Innamincka 3	Geothermal	Innamincka (NSA)	200MW	2020-21
Innamincka 4	Geothermal	Innamincka (NSA)	200MW	2020-21
Kongorong 1	Wind	Kongorong (SESA)	100MW	Not Installed
Kongorong 2	Wind	Kongorong (SESA)	140MW	Not Installed
Mount Hill 1	Wind	Eyre Peninsula (NSA)	80MW	Not Installed
Mount Hill 2	Wind	Eyre Peninsula (NSA)	100MW	Not Installed
Elliston 2	Wind	Eyre Peninsula (NSA)	65MW	2017-18
Lake Hamilton	Wind	Eyre Peninsula (NSA)	110MW	Not Installed
Mount Benson	Wind	Mount Benson (SESA)	130MW	2020-21
Lake George	Wind	Lake George (SESA)	120MW	2020-21
Sheringa Beach	Wind	Eyre Peninsula (NSA)	100MW	2020-21
Cape Jaffa	Wind	Cape Jaffa (SESA)	200MW	2017-18

Table A.4 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Lake Eliza	Wind	Lake Eliza (SESA)	50MW	2018-19
Loch Well Beach	Wind	Eyre Peninsula (NSA)	54MW	2018-19
Quorn	Solar PV	Quorn (NSA)	50MW	Not Installed
Carnegie Wave	Wave	Port MacDonnell (SESA)	50MW	2015-16
Wave Rider	Wave	Eyre Peninsula (NSA)	50MW	Not Installed
Cherokee Stage 2	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 3	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 4	OCGT	Tepco (ADE)	250MW	Not Installed
Green Grid Stage 1	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 2	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 3	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 4	Wind	Eyre Peninsula (NSA)	400MW	Not Installed

CPT25-M-Major

Table A.5 – Committed, advanced and proposed Generation options for installation				
Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Bluff	Wind	Hallett (NSA)	53MW	2011-12
Waterloo Expansion	Wind	Waterloo (NSA)	18MW	Not Installed
Barn Hill 1	Wind	Barunga (NSA)	124MW	Not Installed
Barn Hill 2	Wind	Barunga (NSA)	62MW	Not Installed
Pelican Point 2	OCGT	Pelican Point (ADE)	320MW	Not Installed
Quarantine 6	OCGT	Quarantine (ADE)	125MW	Not Installed
Torrens Island C 1	OCGT	Torrens Island (ADE)	250MW	2016-17
Stony Gap	Wind	Burra (NSA)	123MW	2015-16
Penola Stage 1	Geothermal	Penola (SESA)	6MW	Not Installed
Snowtown Expansion	Wind	Snowtown (NSA)	210MW	2012-13
Robertstown	Wind	Robertstown (NSA)	75MW	2015-16
Allendale	Wind	Allendale East (SESA)	69MW	Not Installed
Cherokee Stage 1	OCGT	Tepco (ADE)	250MW	2013-14
Mt Bryan	Wind	Hallett (NSA)	99MW	2015-16
Innamincka 1	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Torrens Island C 2	OCGT	Torrens Island (ADE)	250MW	Not Installed
Torrens Island C 3	OCGT	Torrens Island (ADE)	250MW	2019-20
Willogeleche	Wind	Hallett (NSA)	74MW	2015-16
Woakwine 1	Wind	Millicent (SESA)	120MW	2015-16
Woakwine 2	Wind	Millicent (SESA)	120MW	2017-18
Woakwine 3	Wind	Millicent (SESA)	180MW	Not Installed
Innamincka 2	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Robe	Wind	Robe (SESA)	600MW	2018-19
Penola Stage 2	Geothermal	Penola (SESA)	23MW	Not Installed
Carmodys Hill	Wind	Georgetown (NSA)	140MW	2015-16
Crystal Brook	Wind	Crystal Brook (NSA)	80MW	Not Installed
Green Point	Wind	Port MacDonnell (SESA)	54MW	2016-17
Keyneton	Wind	Keyneton (NSA)	131MW	Not Installed

Table A.5 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Kulpara 1	Wind	Kulpara (NSA)	60MW	Not Installed
Kulpara 2	Wind	Kulpara (NSA)	90MW	Not Installed
Lincoln Gap	Wind	Port Augusta (NSA)	177MW	Not Installed
Elliston 1	Wind	Eyre Peninsula (NSA)	16MW	2019-20
Whyalla	Solar Thermal	Whyalla (NSA)	28MW	2020-21
Alinta Gas Turbine	OCGT	Playford (NSA)	300MW	2019-20
Ceres Wind	Wind	Adelaide via HVDC (ADE)	600MW	Not Installed
Ceres Pilot Biomass	Biomass	Adelaide via HVDC (ADE)	120MW	Not Installed
Point Patterson CCGT	CCGT	Port Augusta (NSA)	150MW	2015-16
Point Patterson Solar Backup	Solar Thermal	Port Augusta (NSA)	50MW	Not Installed
Penola Stage 3	Geothermal	Penola (SESA)	100MW	Not Installed
Penola Stage 4	Geothermal	Penola (SESA)	260MW	Not Installed
Arckaringa	IGCC	Arckaringa (NSA)	570MW	Not Installed
Innamincka 3	Geothermal	Innamincka (NSA)	200MW	2020-21
Innamincka 4	Geothermal	Innamincka (NSA)	200MW	2020-21
Kongorong 1	Wind	Kongorong (SESA)	100MW	2017-18
Kongorong 2	Wind	Kongorong (SESA)	140MW	2017-18
Mount Hill 1	Wind	Eyre Peninsula (NSA)	80MW	Not Installed
Mount Hill 2	Wind	Eyre Peninsula (NSA)	100MW	Not Installed
Elliston 2	Wind	Eyre Peninsula (NSA)	65MW	2017-18
Lake Hamilton	Wind	Eyre Peninsula (NSA)	110MW	Not Installed
Mount Benson	Wind	Mount Benson (SESA)	130MW	2017-18
Lake George	Wind	Lake George (SESA)	120MW	2017-18
Sheringa Beach	Wind	Eyre Peninsula (NSA)	100MW	2017-18
Cape Jaffa	Wind	Cape Jaffa (SESA)	200MW	2017-18

Table A.5 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Lake Eliza	Wind	Lake Eliza (SESA)	50MW	2017-18
Loch Well Beach	Wind	Eyre Peninsula (NSA)	54MW	2017-18
Quorn	Solar PV	Quorn (NSA)	50MW	Not Installed
Carnegie Wave	Wave	Port MacDonnell (SESA)	50MW	2019-20
Wave Rider	Wave	Eyre Peninsula (NSA)	50MW	Not Installed
Cherokee Stage 2	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 3	OCGT	Tepco (ADE)	250MW	2019-20
Cherokee Stage 4	OCGT	Tepco (ADE)	250MW	2024-25
Green Grid Stage 1	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 2	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 3	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 4	Wind	Eyre Peninsula (NSA)	400MW	Not Installed

CPT5-H-Minor

Table A.6 – Committed, advanced and proposed Generation options for installation				
Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Bluff	Wind	Hallett (NSA)	53MW	2011-12
Waterloo Expansion	Wind	Waterloo (NSA)	18MW	Not Installed
Barn Hill 1	Wind	Barunga (NSA)	124MW	Not Installed
Barn Hill 2	Wind	Barunga (NSA)	62MW	Not Installed
Pelican Point 2	OCGT	Pelican Point (ADE)	320MW	Not Installed
Quarantine 6	OCGT	Quarantine (ADE)	125MW	Not Installed
Torrens Island C 1	OCGT	Torrens Island (ADE)	250MW	Not Installed
Stony Gap	Wind	Burra (NSA)	123MW	2015-16
Penola Stage 1	Geothermal	Penola (SESA)	6MW	Not Installed
Snowtown Expansion	Wind	Snowtown (NSA)	210MW	2013-14
Robertstown	Wind	Robertstown (NSA)	75MW	2020-21
Allendale	Wind	Allendale East (SESA)	69MW	Not Installed
Cherokee Stage 1	OCGT	Tepco (ADE)	250MW	2013-14
Mt Bryan	Wind	Hallett (NSA)	99MW	2019-20
Innamincka 1	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Torrens Island C 2	OCGT	Torrens Island (ADE)	250MW	2017-18
Torrens Island C 3	OCGT	Torrens Island (ADE)	250MW	2019-20
Willogeleche	Wind	Hallett (NSA)	74MW	2015-16
Woakwine 1	Wind	Millicent (SESA)	120MW	2018-19
Woakwine 2	Wind	Millicent (SESA)	120MW	Not Installed
Woakwine 3	Wind	Millicent (SESA)	180MW	Not Installed
Innamincka 2	Geothermal	Innamincka (NSA)	Off Grid	Not Installed
Robe	Wind	Robe (SESA)	600MW	2019-20
Penola Stage 2	Geothermal	Penola (SESA)	23MW	Not Installed
Carmodys Hill	Wind	Georgetown (NSA)	140MW	Not Installed
Crystal Brook	Wind	Crystal Brook (NSA)	80MW	Not Installed
Green Point	Wind	Port MacDonnell (SESA)	54MW	Not Installed
Keyneton	Wind	Keyneton (NSA)	131MW	Not Installed

Table A.6 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Kulpara 1	Wind	Kulpara (NSA)	60MW	Not Installed
Kulpara 2	Wind	Kulpara (NSA)	90MW	Not Installed
Lincoln Gap	Wind	Port Augusta (NSA)	177MW	Not Installed
Elliston 1	Wind	Eyre Peninsula (NSA)	16MW	2019-20
Whyalla	Solar Thermal	Whyalla (NSA)	28MW	2020-21
Alinta Gas Turbine	OCGT	Playford (NSA)	300MW	2016-17
Ceres Wind	Wind	Adelaide via HVDC (ADE)	600MW	Not Installed
Ceres Pilot Biomass	Biomass	Adelaide via HVDC (ADE)	120MW	Not Installed
Point Patterson CCGT	CCGT	Port Augusta (NSA)	150MW	2024-25
Point Patterson Solar Backup	Solar Thermal	Port Augusta (NSA)	50MW	Not Installed
Penola Stage 3	Geothermal	Penola (SESA)	100MW	Not Installed
Penola Stage 4	Geothermal	Penola (SESA)	260MW	Not Installed
Arckaringa	IGCC	Arckaringa (NSA)	570MW	Not Installed
Innamincka 3	Geothermal	Innamincka (NSA)	200MW	2020-21
Innamincka 4	Geothermal	Innamincka (NSA)	200MW	2020-21
Kongorong 1	Wind	Kongorong (SESA)	100MW	Not Installed
Kongorong 2	Wind	Kongorong (SESA)	140MW	Not Installed
Mount Hill 1	Wind	Eyre Peninsula (NSA)	80MW	Not Installed
Mount Hill 2	Wind	Eyre Peninsula (NSA)	100MW	Not Installed
Elliston 2	Wind	Eyre Peninsula (NSA)	65MW	2017-18
Lake Hamilton	Wind	Eyre Peninsula (NSA)	110MW	Not Installed
Mount Benson	Wind	Mount Benson (SESA)	130MW	2018-19
Lake George	Wind	Lake George (SESA)	120MW	2018-19
Sheringa Beach	Wind	Eyre Peninsula (NSA)	100MW	2017-18
Cape Jaffa	Wind	Cape Jaffa (SESA)	200MW	2017-18

Table A.6 – Committed, advanced and proposed Generation options for installation

Station Name	Type	Location (Zone)	Capacity (MW)	Installation Commences
Lake Eliza	Wind	Lake Eliza (SESA)	50MW	2017-18
Loch Well Beach	Wind	Eyre Peninsula (NSA)	54MW	2017-18
Quorn	Solar PV	Quorn (NSA)	50MW	Not Installed
Carnegie Wave	Wave	Port MacDonnell (SESA)	50MW	2015-16
Wave Rider	Wave	Eyre Peninsula (NSA)	50MW	Not Installed
Cherokee Stage 2	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 3	OCGT	Tepco (ADE)	250MW	Not Installed
Cherokee Stage 4	OCGT	Tepco (ADE)	250MW	Not Installed
Green Grid Stage 1	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 2	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 3	Wind	Eyre Peninsula (NSA)	400MW	Not Installed
Green Grid Stage 4	Wind	Eyre Peninsula (NSA)	400MW	Not Installed

A.5) Total Installed Capacity by Scenario and Technology

The following charts show the total installed capacity by technology and zone for each scenario, including the industrial load sensitivities DS2-DS6.

Figure A.10 – Total Installed Capacity: CPT5-M-Minor (GSP)

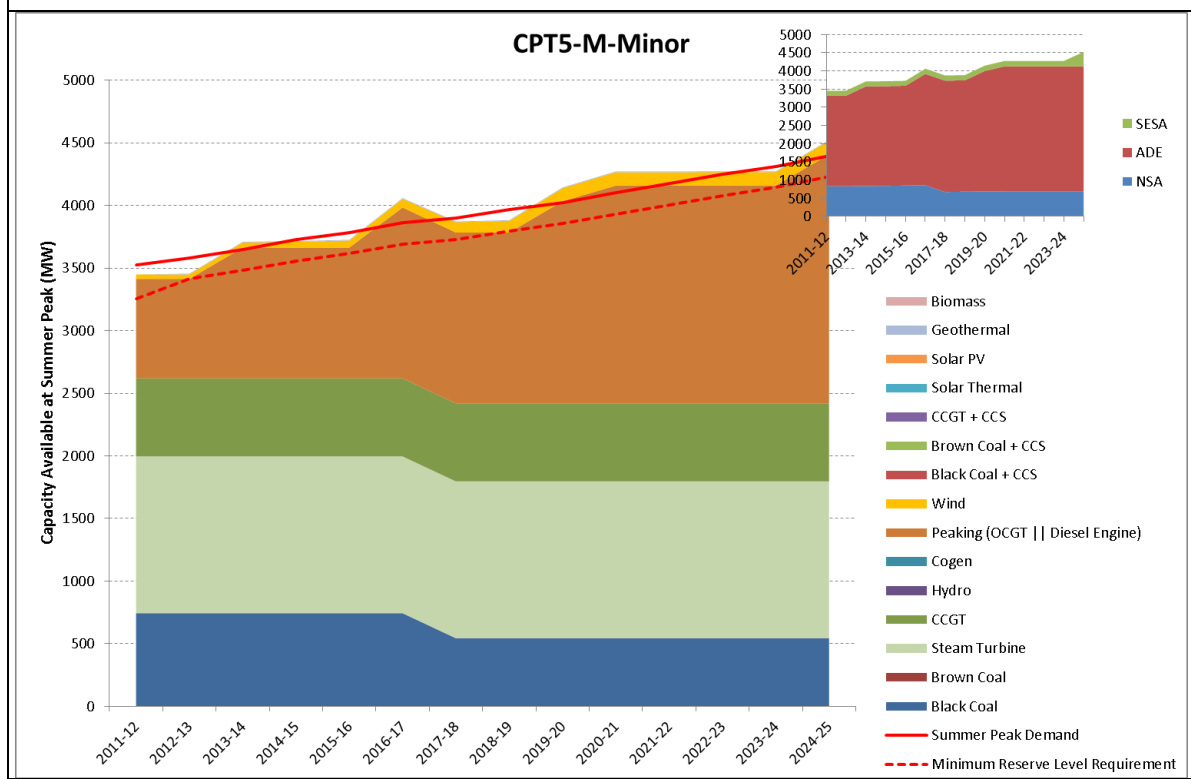


Figure A.11 – Total Installed Capacity: CPT5-M-Minor (LTIRP)

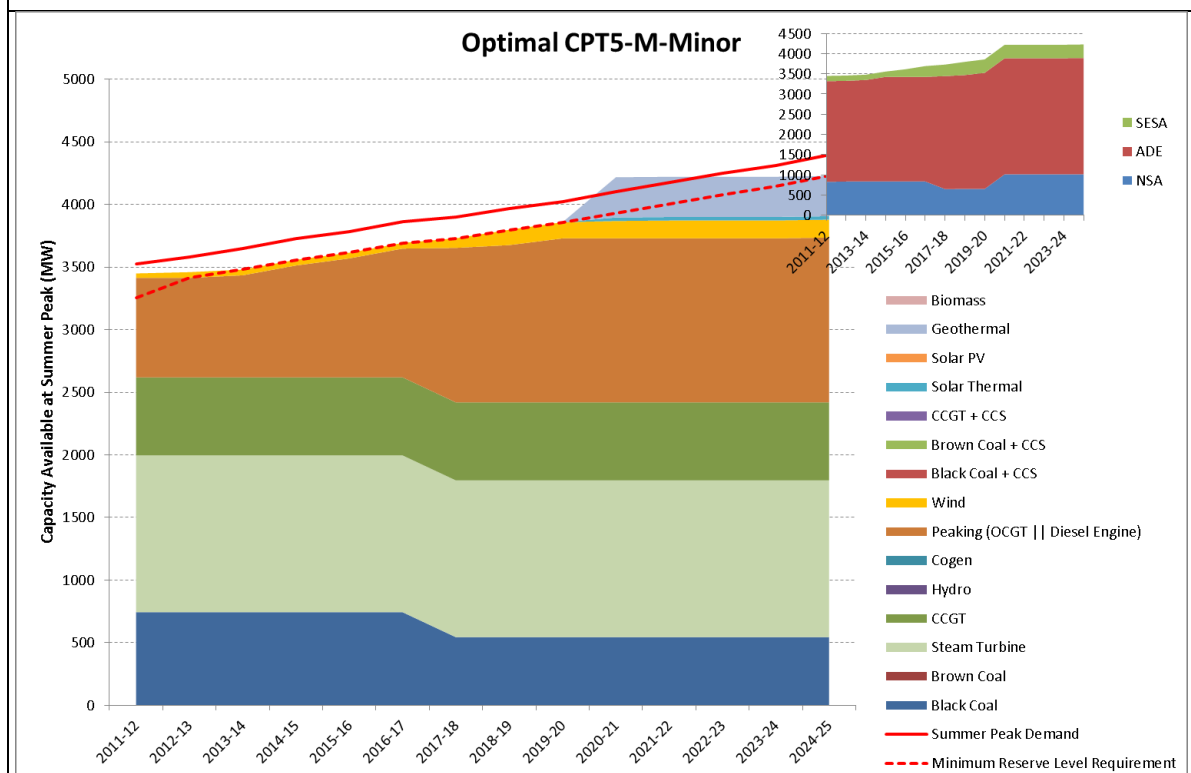


Figure A.12 – Total Installed Capacity: CPT5-M-Major (GSP)

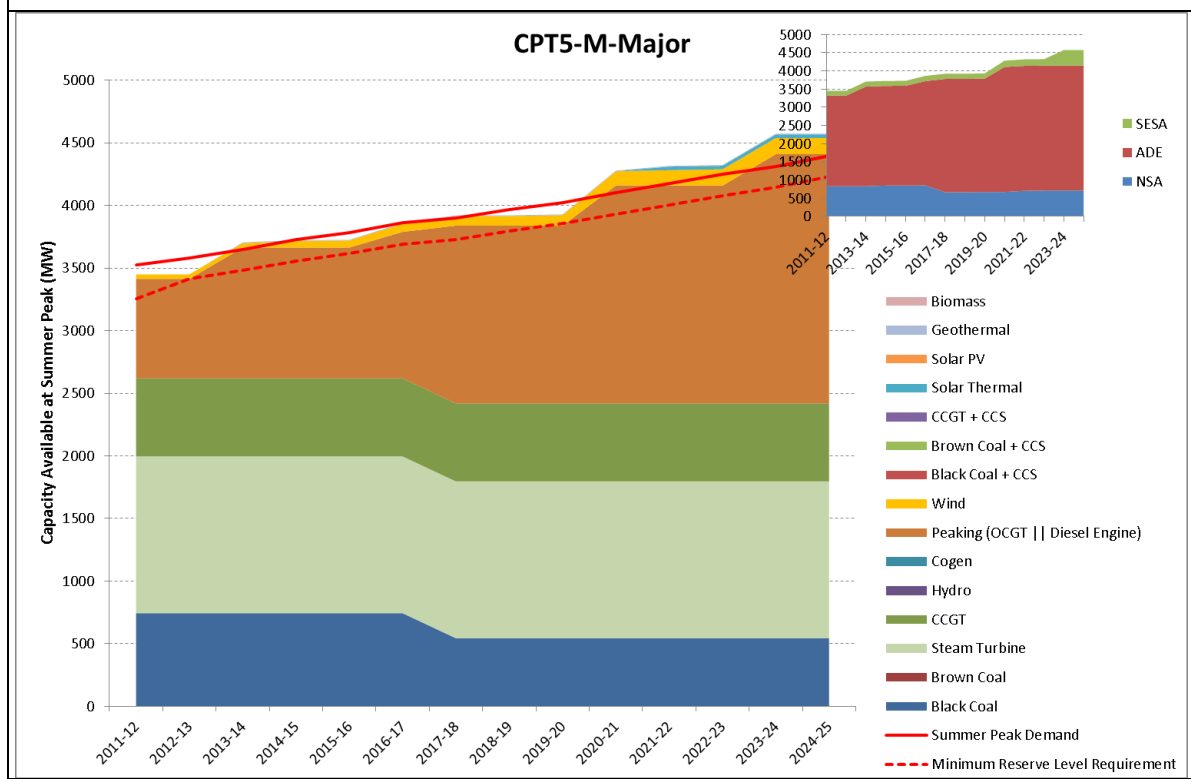


Figure A.13 – Total Installed Capacity: CPT5-M-Major (LTIRP)

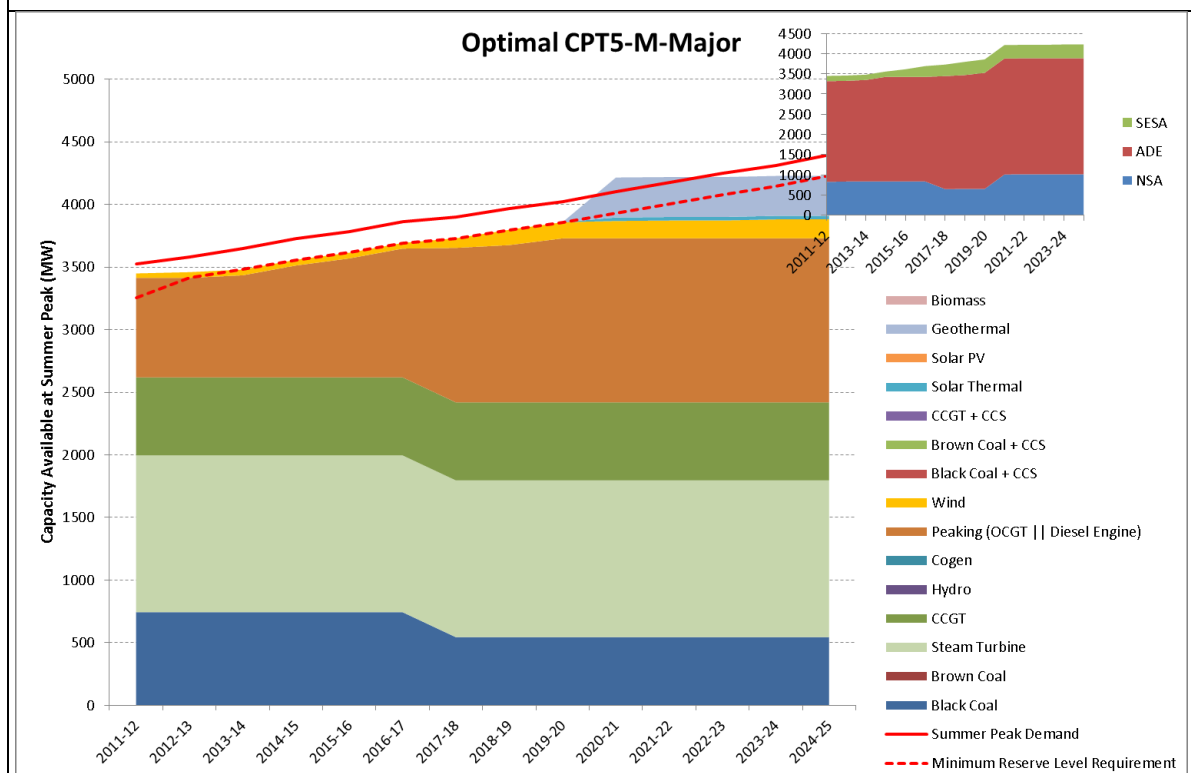


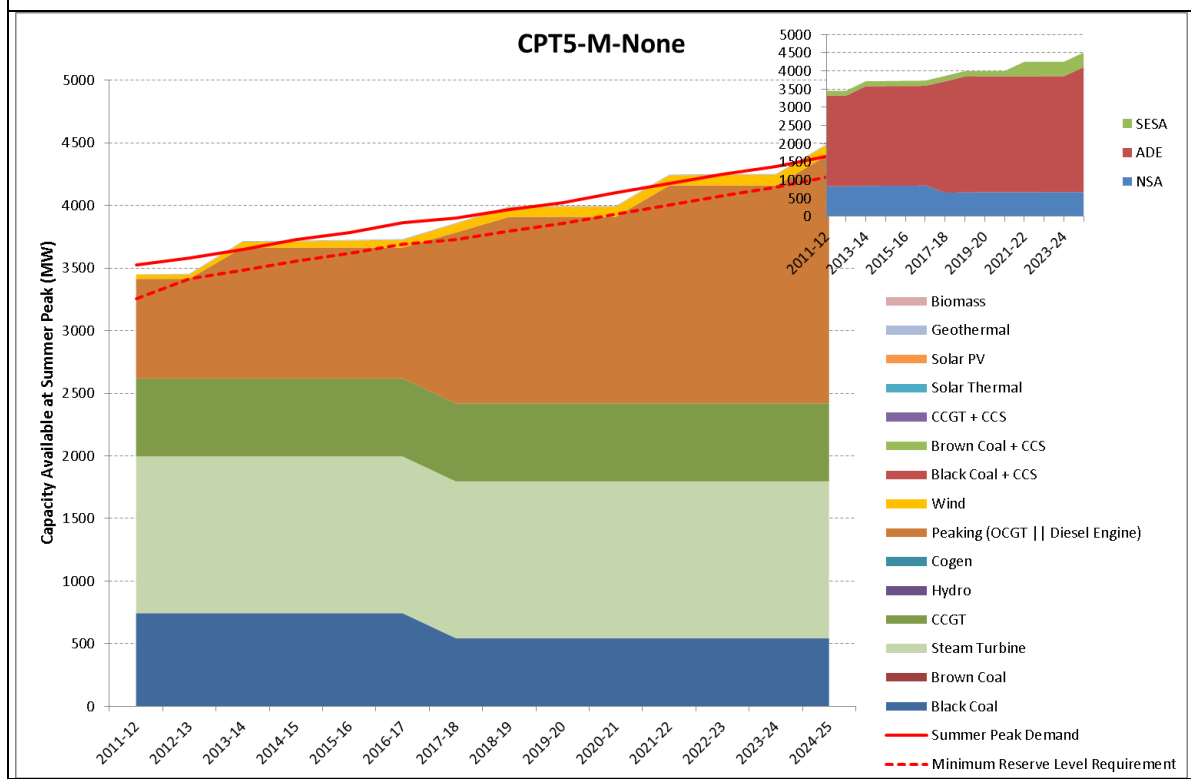
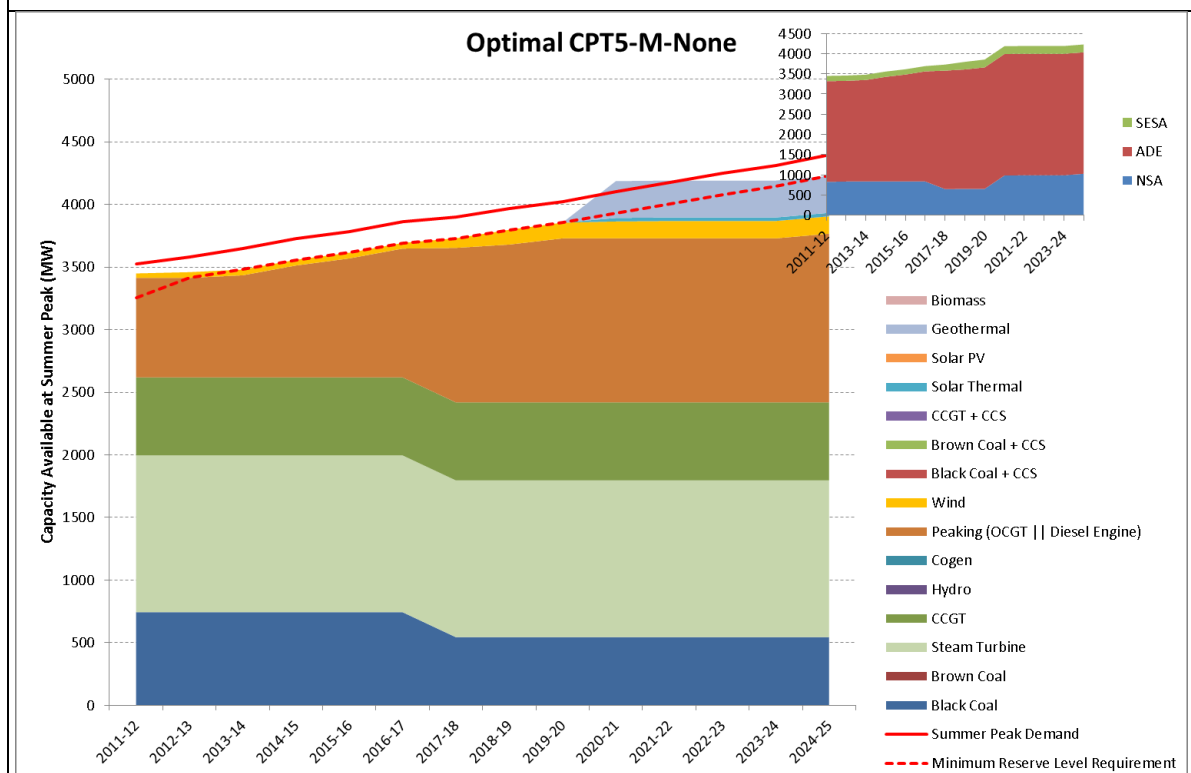
Figure A.14 – Total Installed Capacity: CPT5-M-None (GSP)**Figure A.15 – Total Installed Capacity: CPT5-M-None (LTIRP)**

Figure A.16 – Total Installed Capacity: CPT5-L-Minor (GSP)

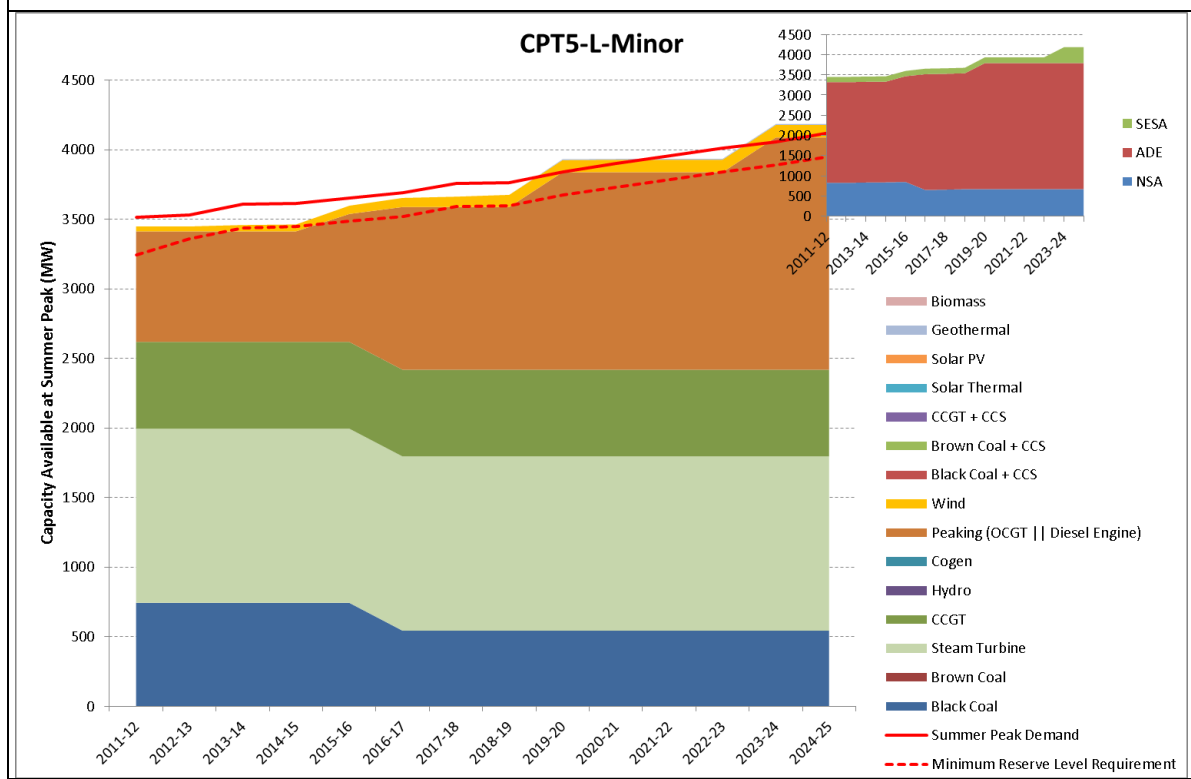


Figure A.17 – Total Installed Capacity: CPT5-L-Minor (LTIRP)

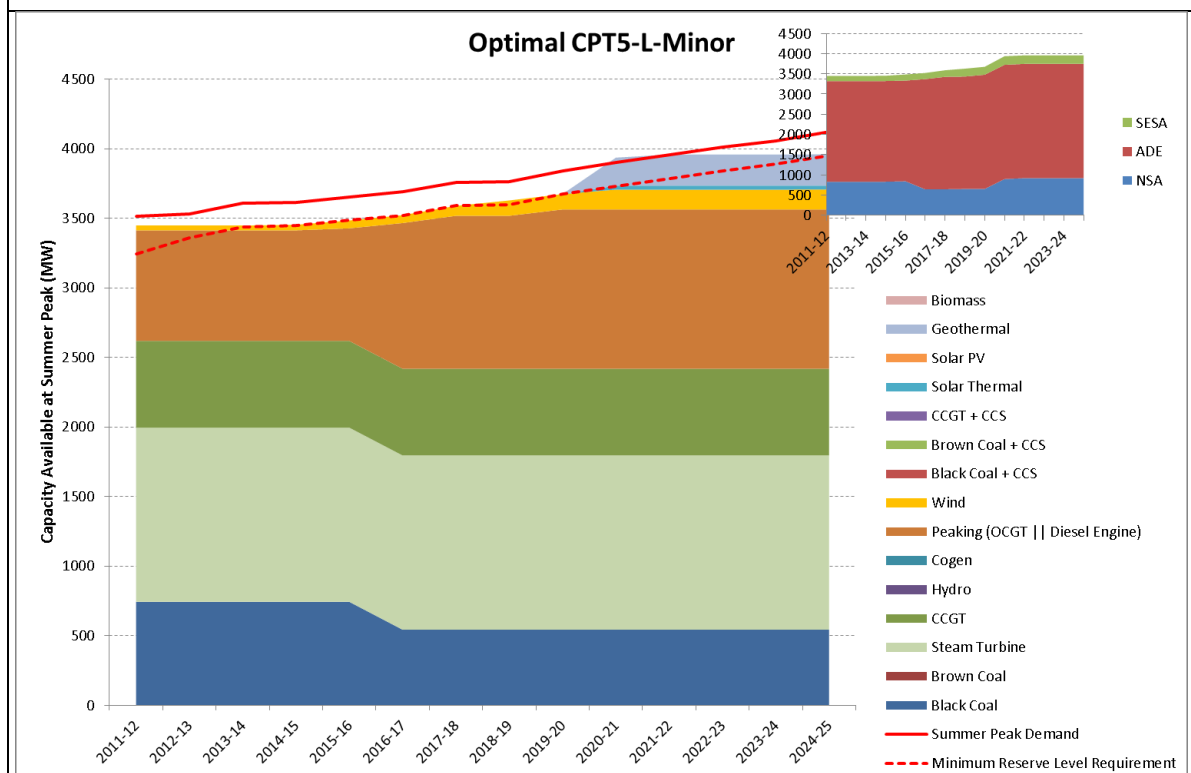


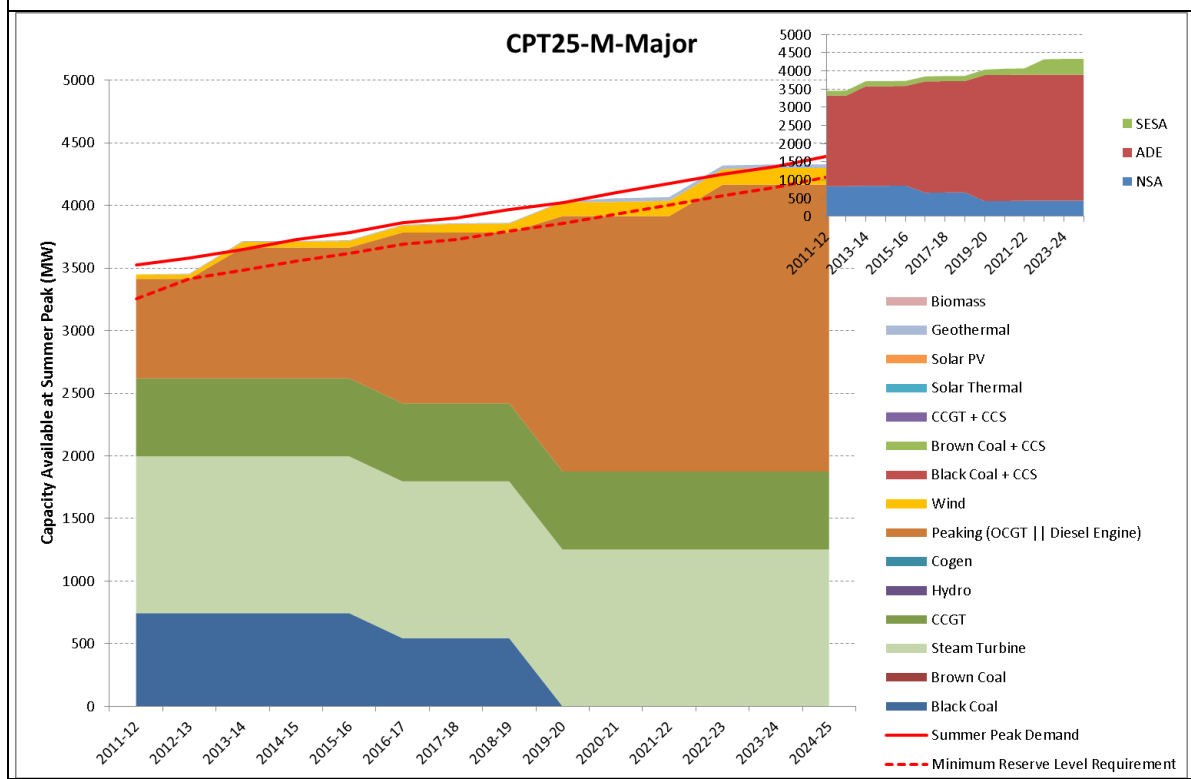
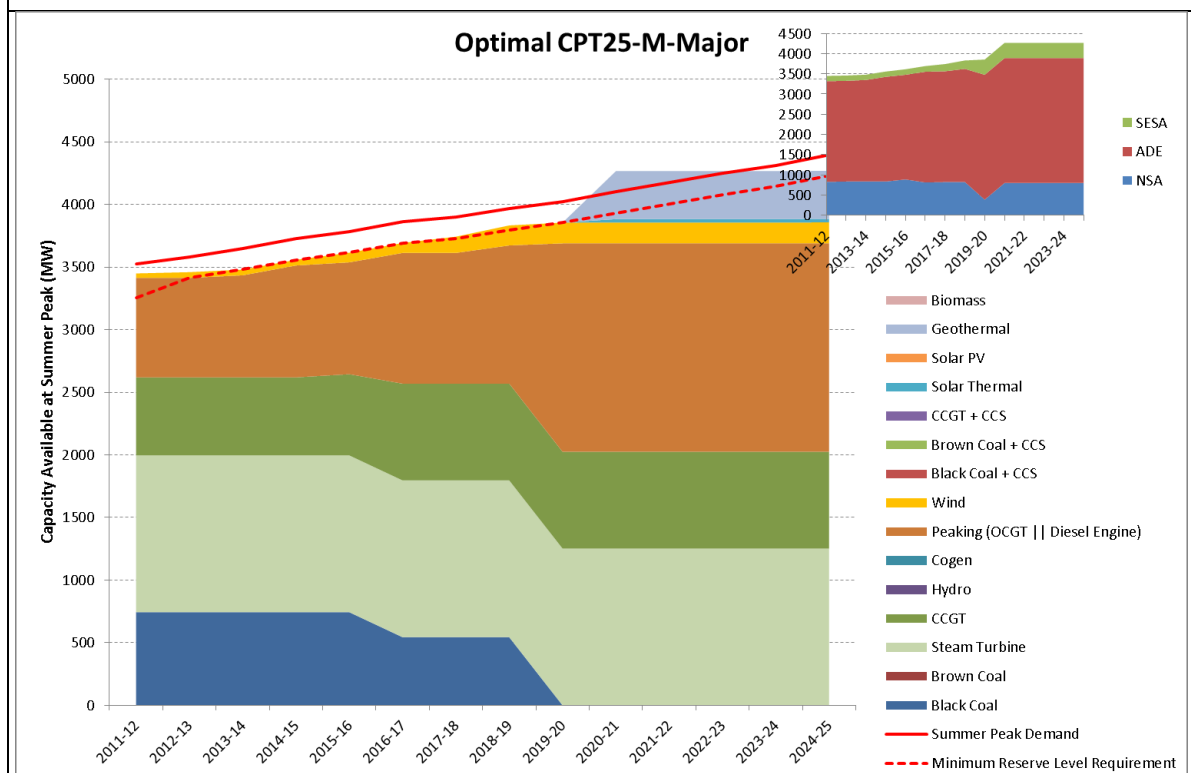
Figure A.18 – Total Installed Capacity: CPT25-M-Major (GSP)**Figure A.19 – Total Installed Capacity: CPT25-M-Major (LTIRP)**

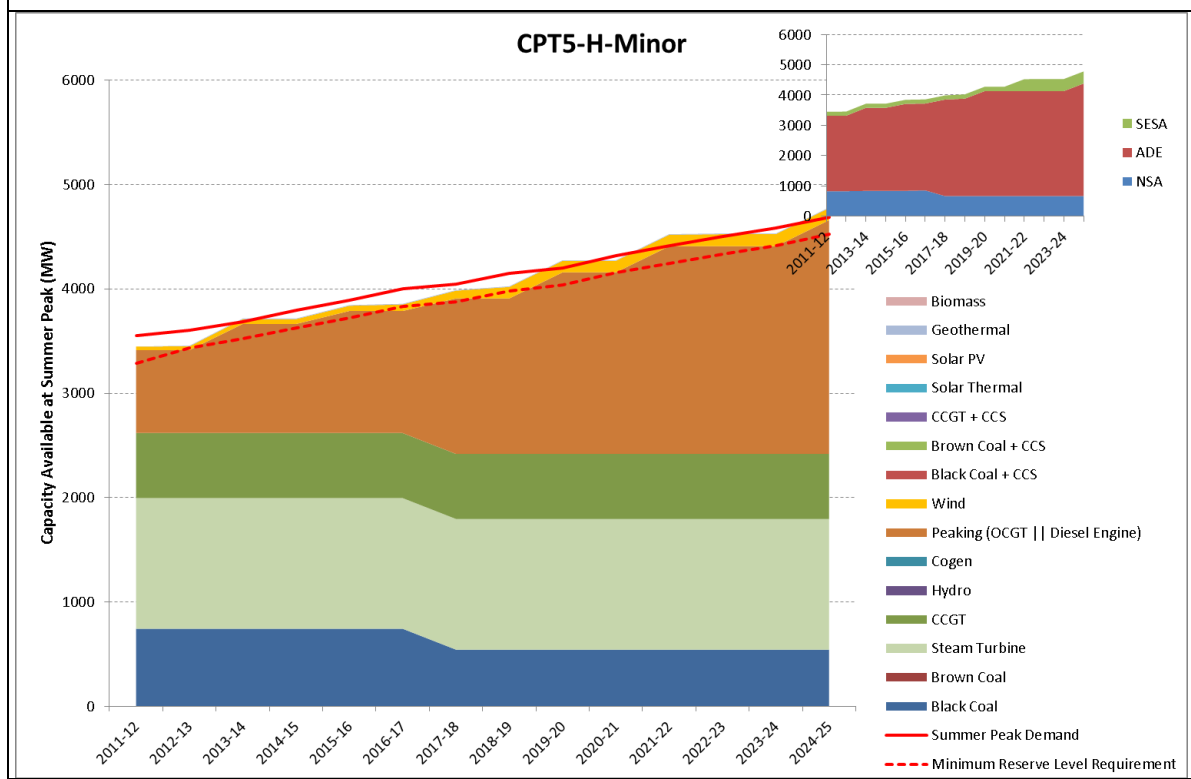
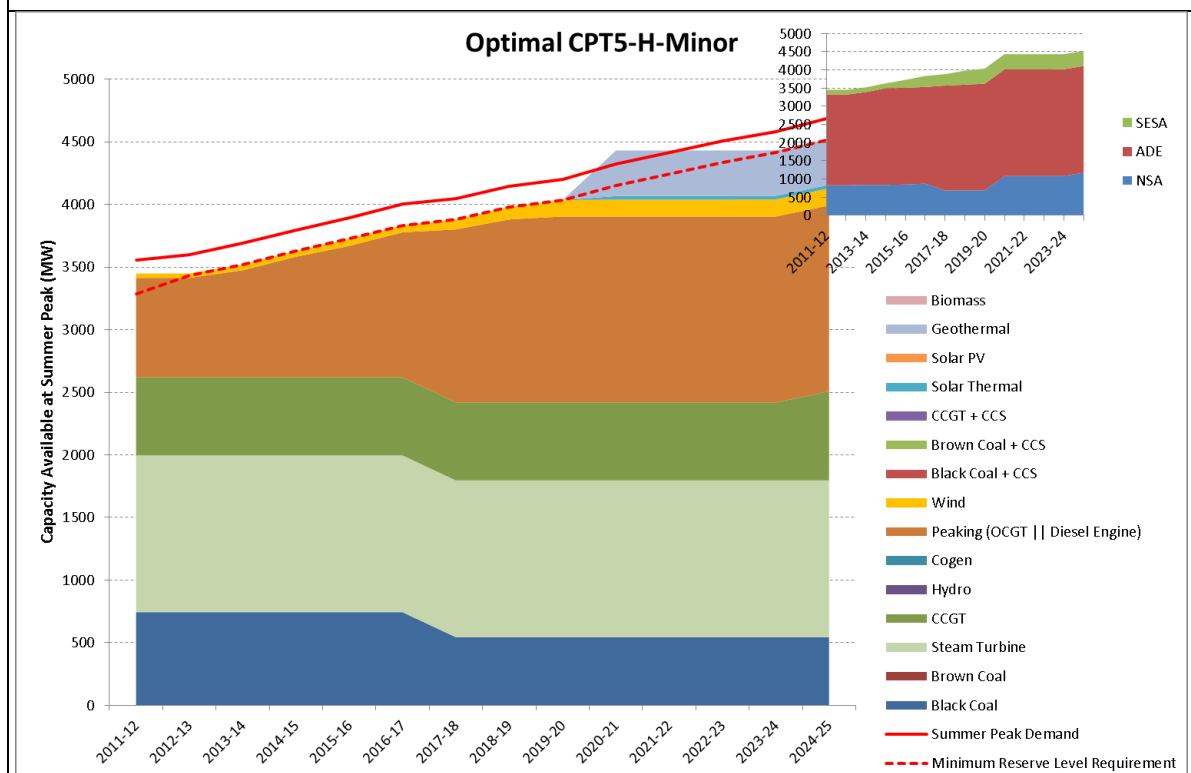
Figure A.20 – Total Installed Capacity: CPT5-H-Minor (GSP)**Figure A.21 – Total Installed Capacity: CPT5-H-Minor (LTIRP)**

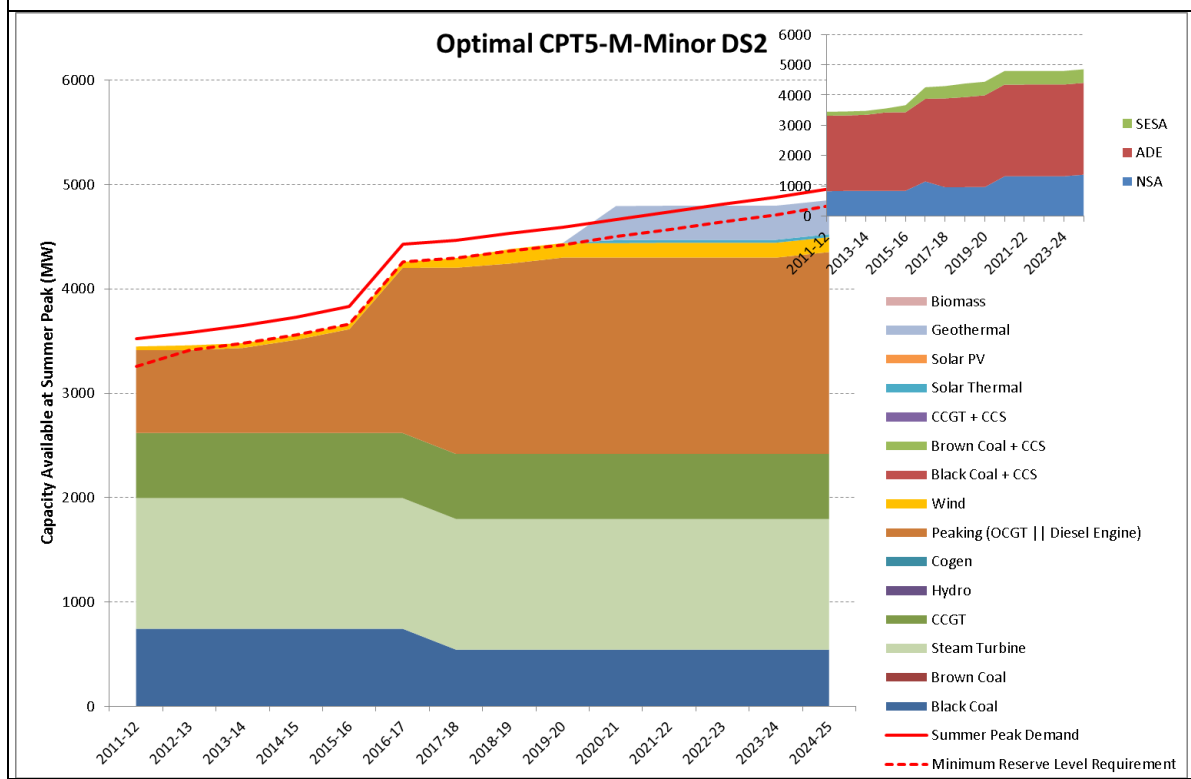
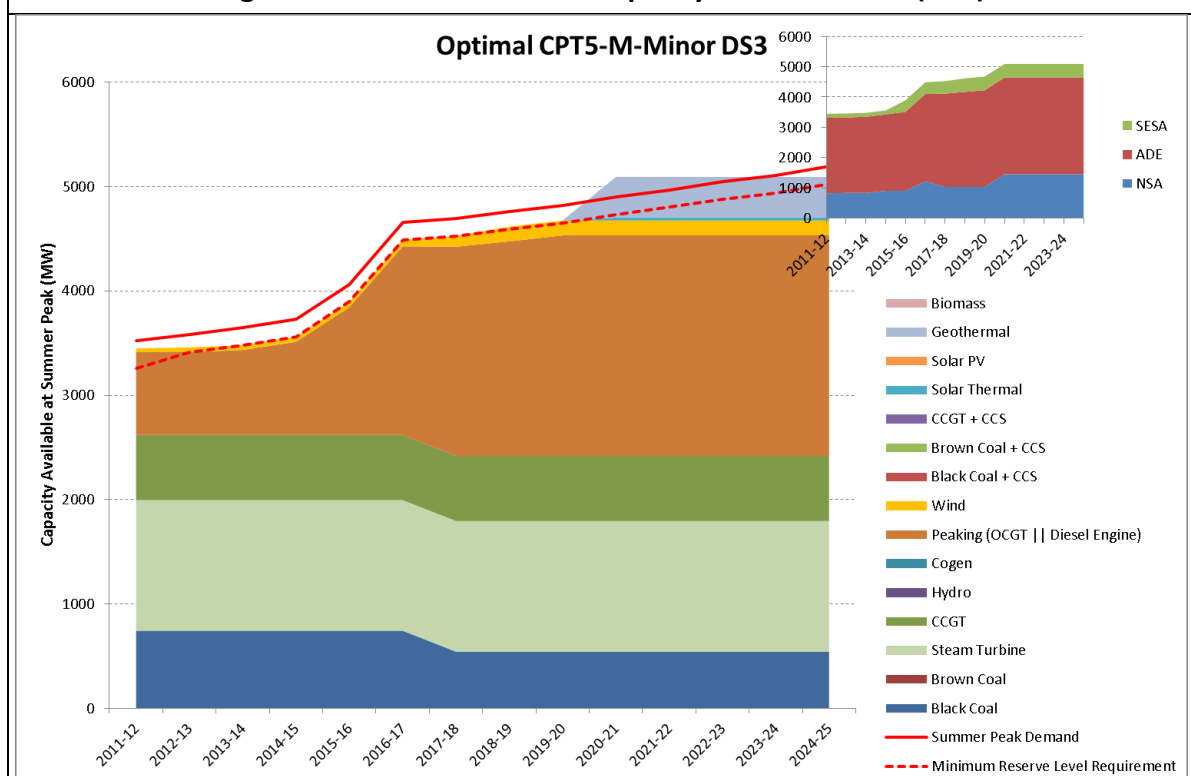
Figure A.22 – Total Installed Capacity: CPT5-5-Minor (DS2)**Figure A.23 – Total Installed Capacity: CPT5-5-Minor (DS3)**

Figure A.24 – Total Installed Capacity: CPT5-5-Minor (DS4)

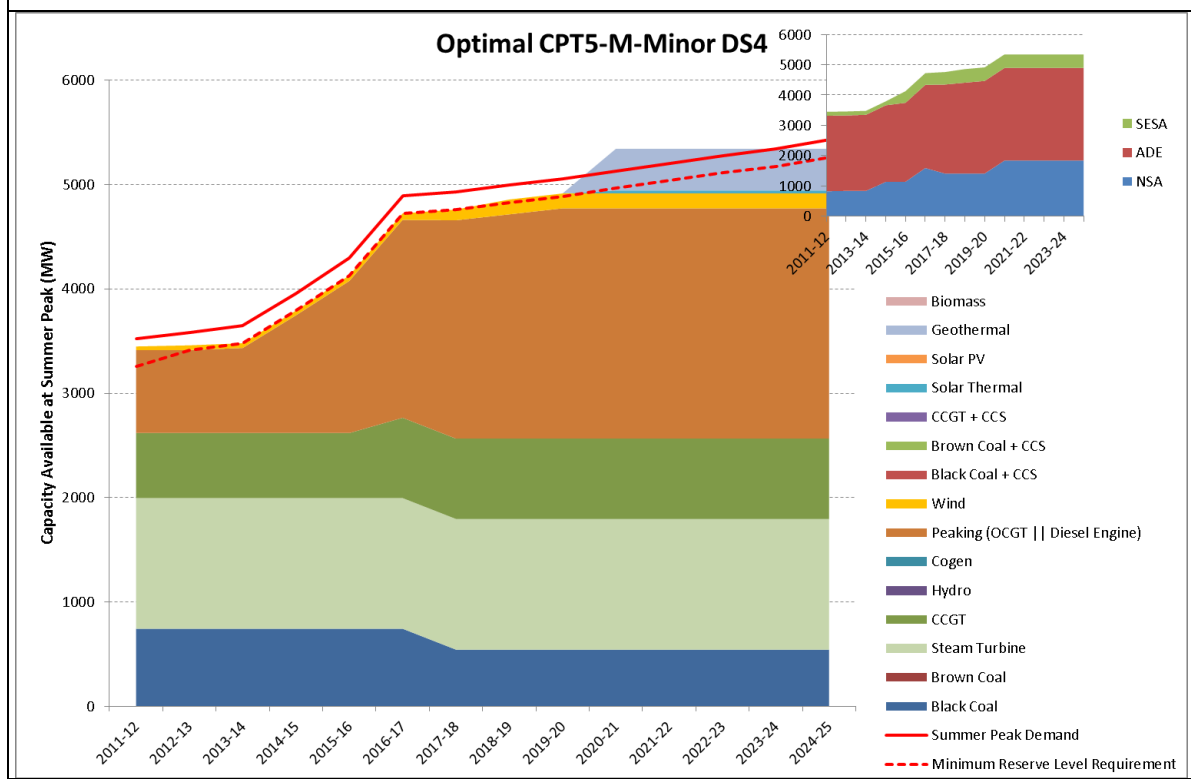


Figure A.25 – Total Installed Capacity: CPT5-5-Minor (DS5)

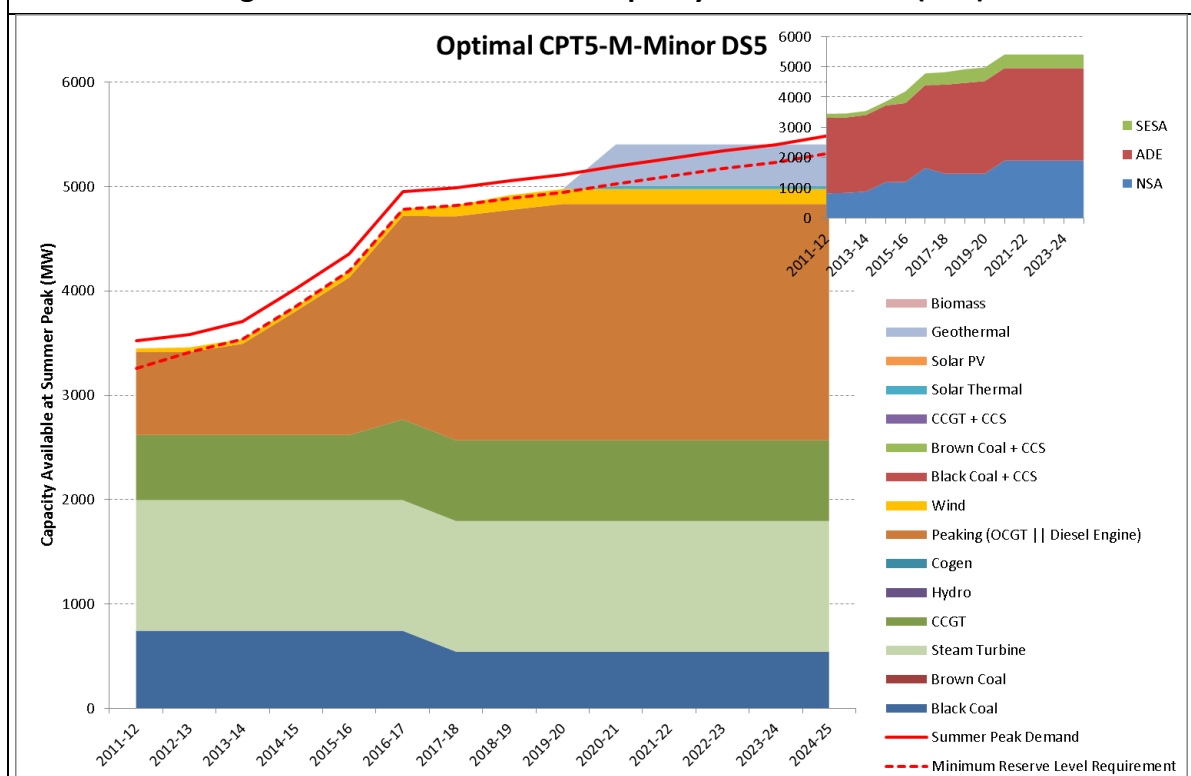
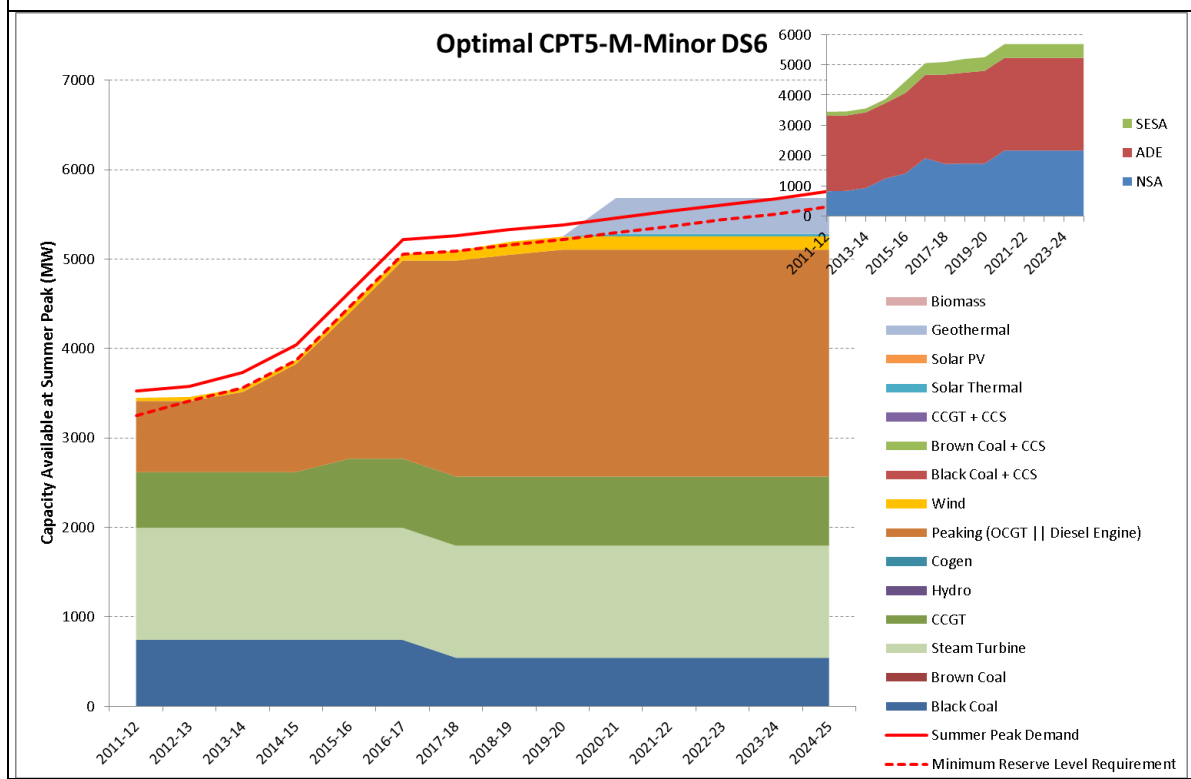


Figure A.26 – Total Installed Capacity: CPT5-5-Minor (DS6)

A.6) Annual Generation by Scenario and Technology

The following charts show the annual generation by technology and for each zone for each of the scenarios, including the industrial load sensitivities DS2-DS6.

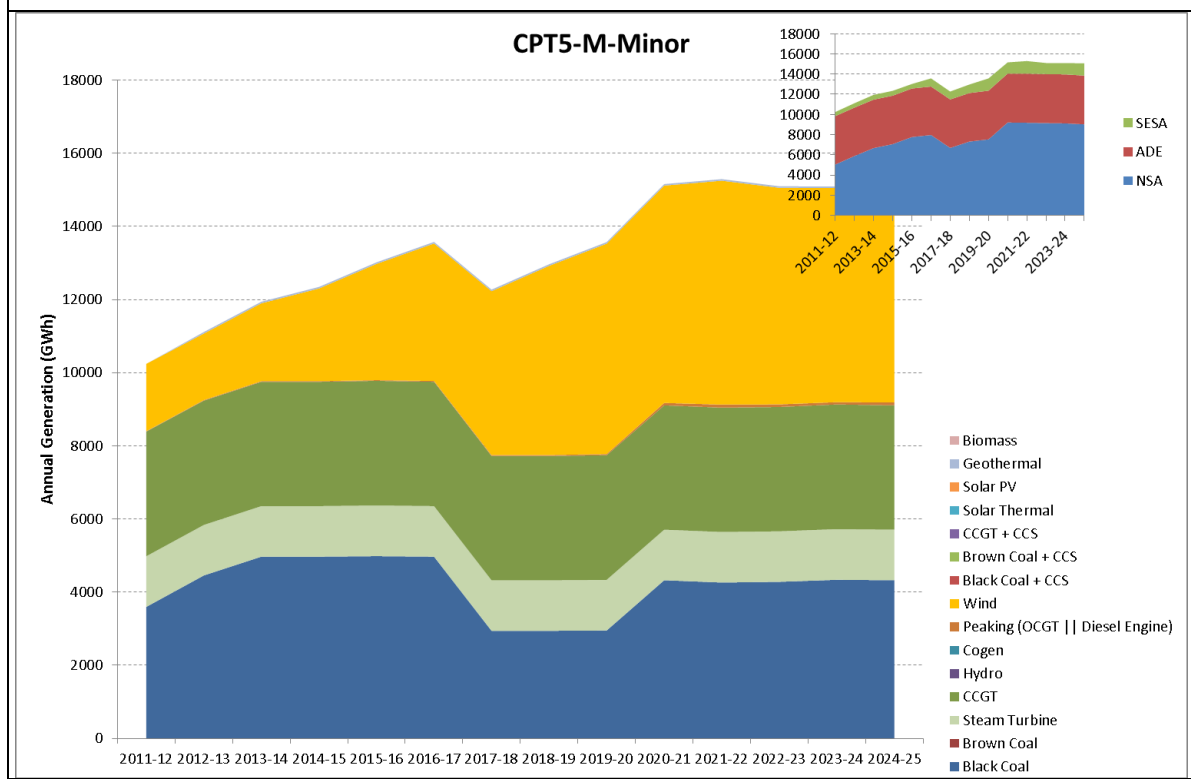
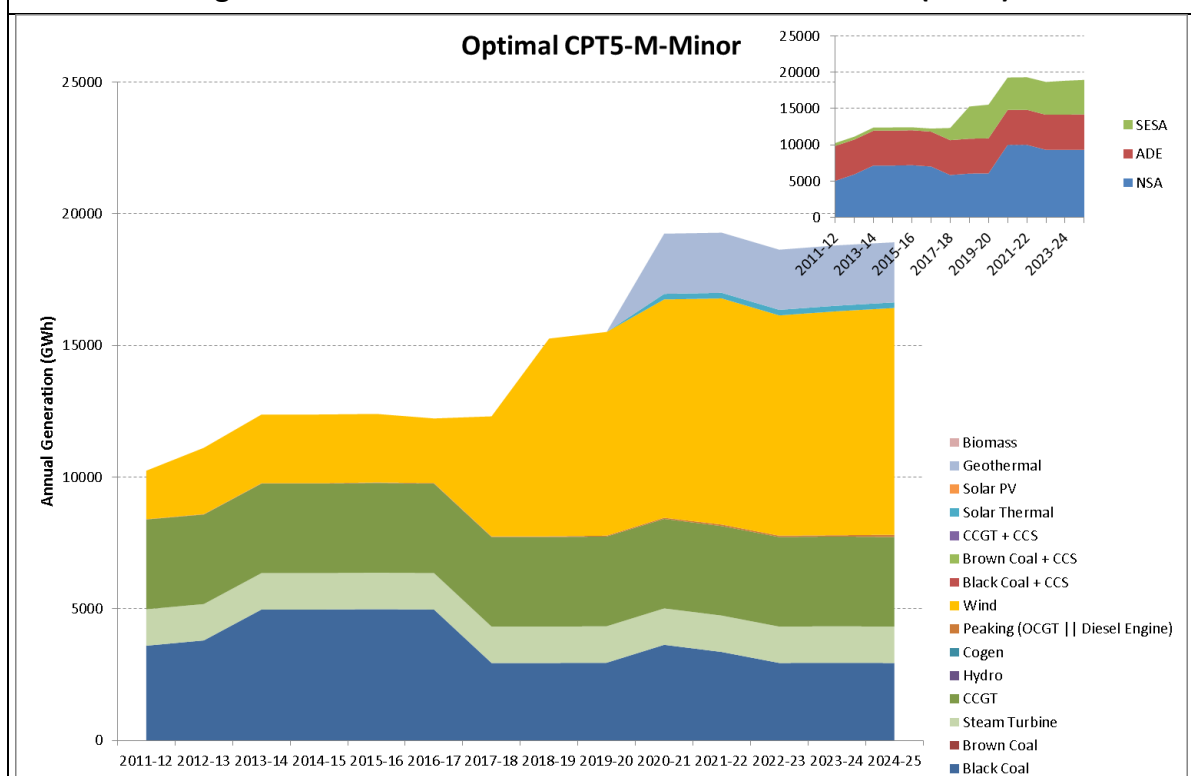
Figure A.27 – Total Annual Generation: CPT5-M-Minor (GSP)**Figure A.28 – Total Annual Generation: CPT5-M-Minor (LTIRP)**

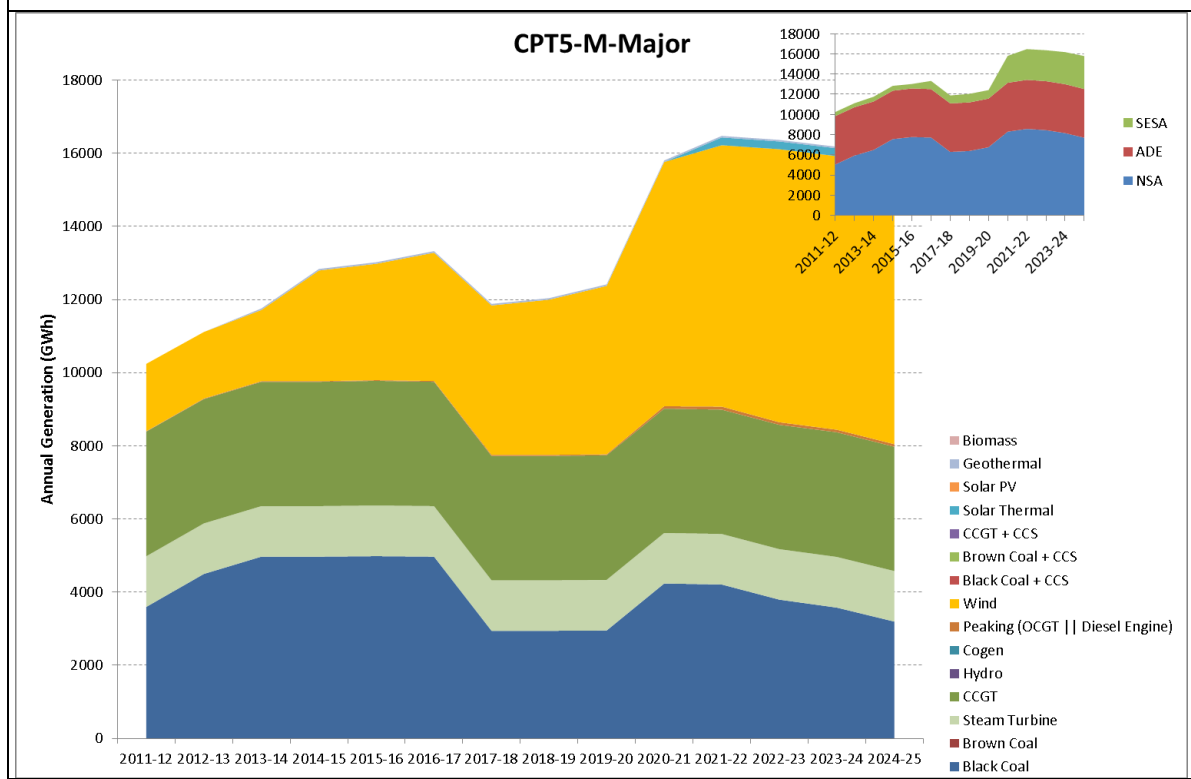
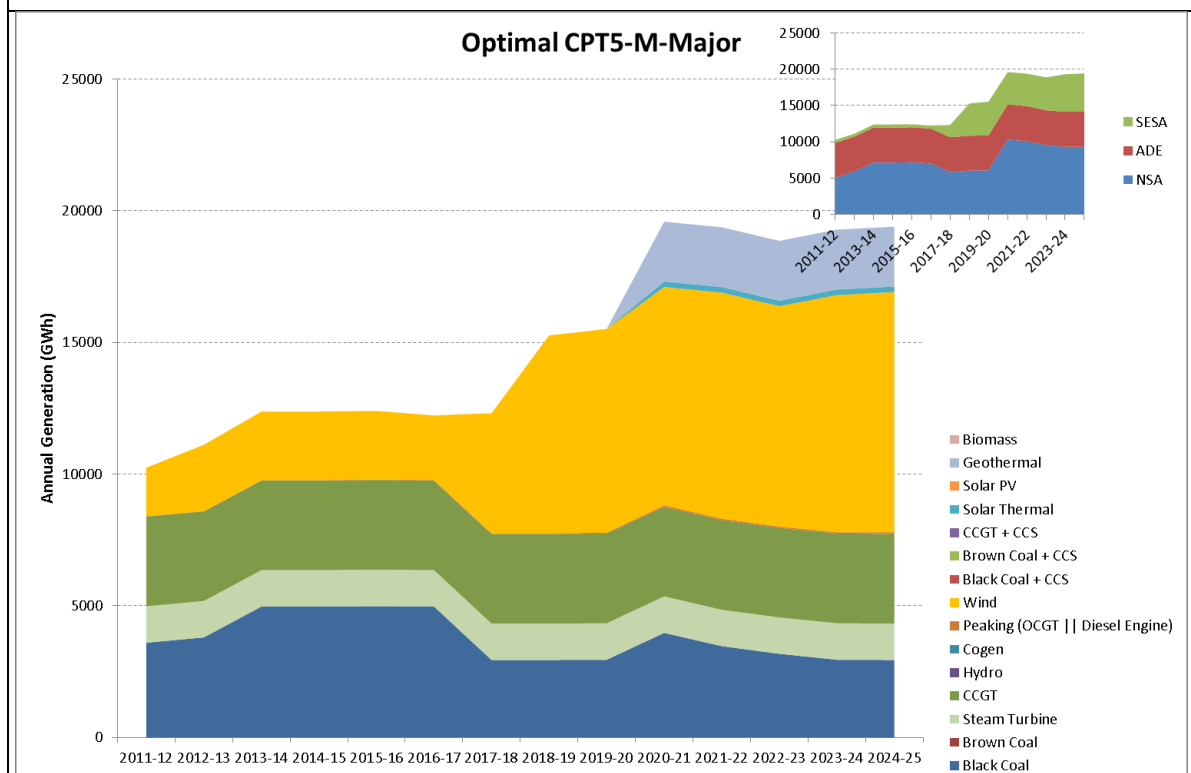
Figure A.29 – Total Annual Generation: CPT5-M-Major (GSP)**Figure A.30 – Total Annual Generation: CPT5-M-Major (LTIRP)**

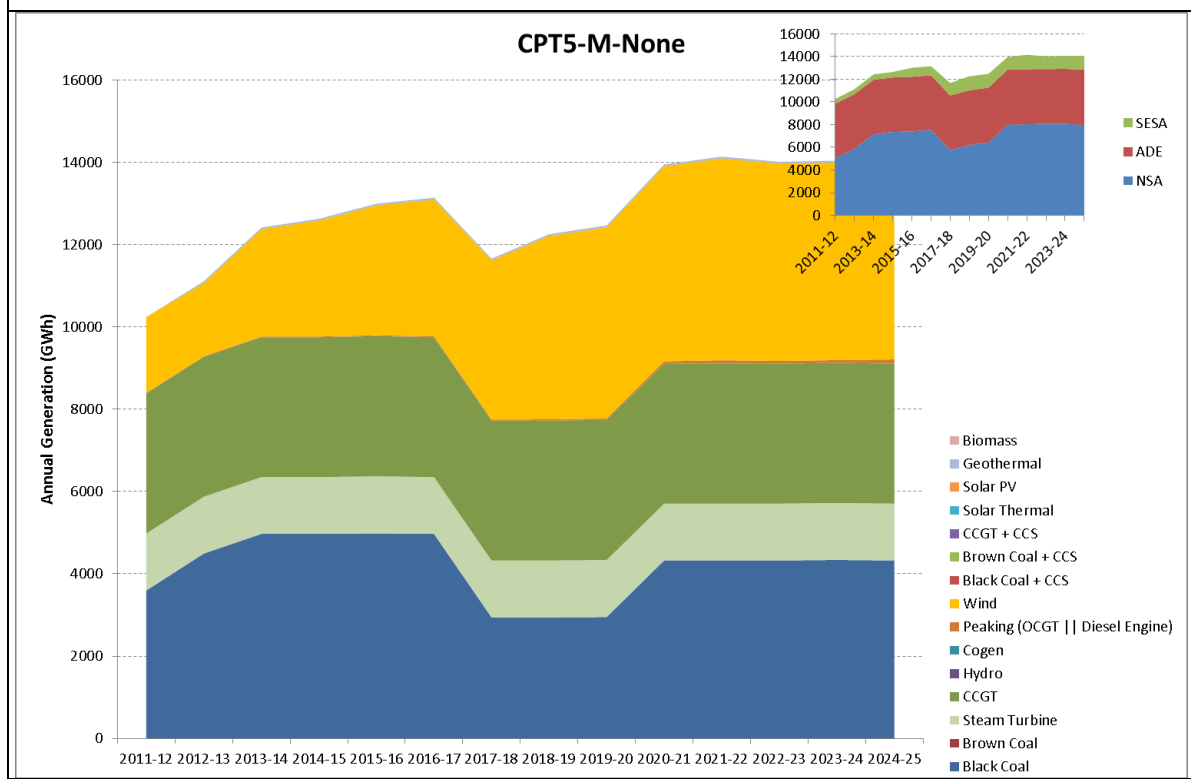
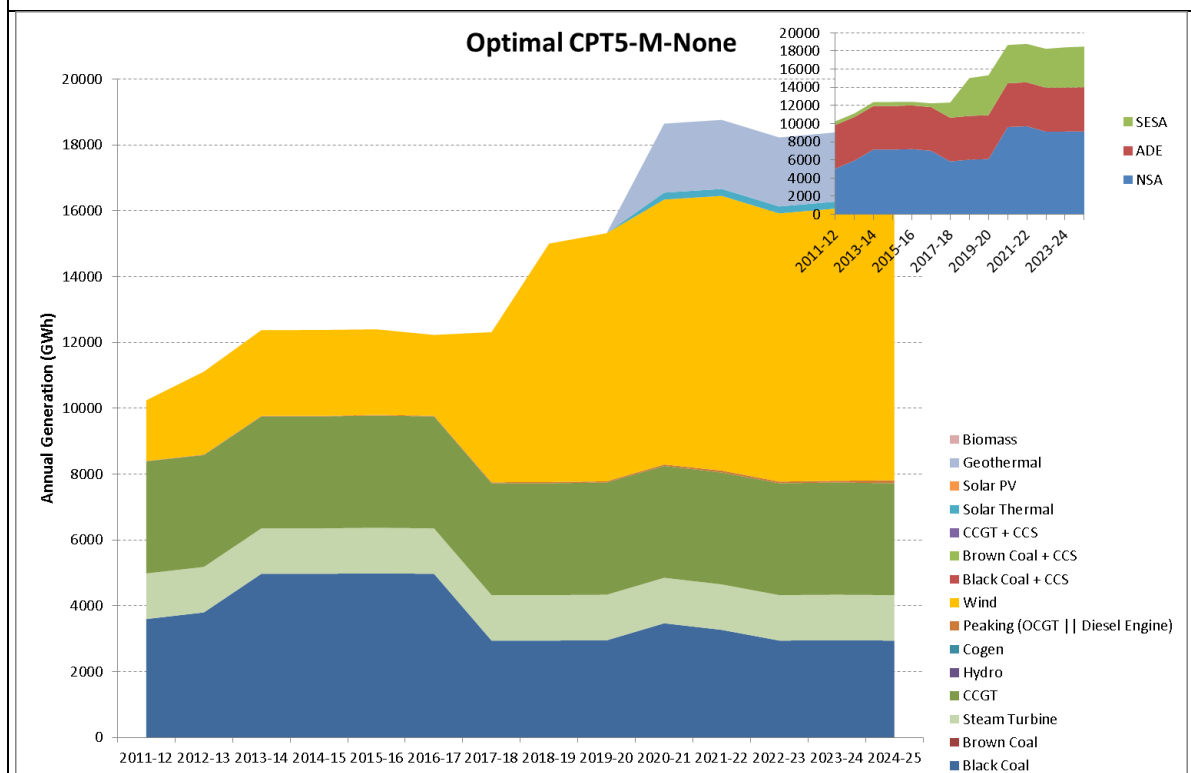
Figure A.31 – Total Annual Generation: CPT5-M-None (GSP)**Figure A.32 – Total Annual Generation: CPT5-M-None (LTIRP)**

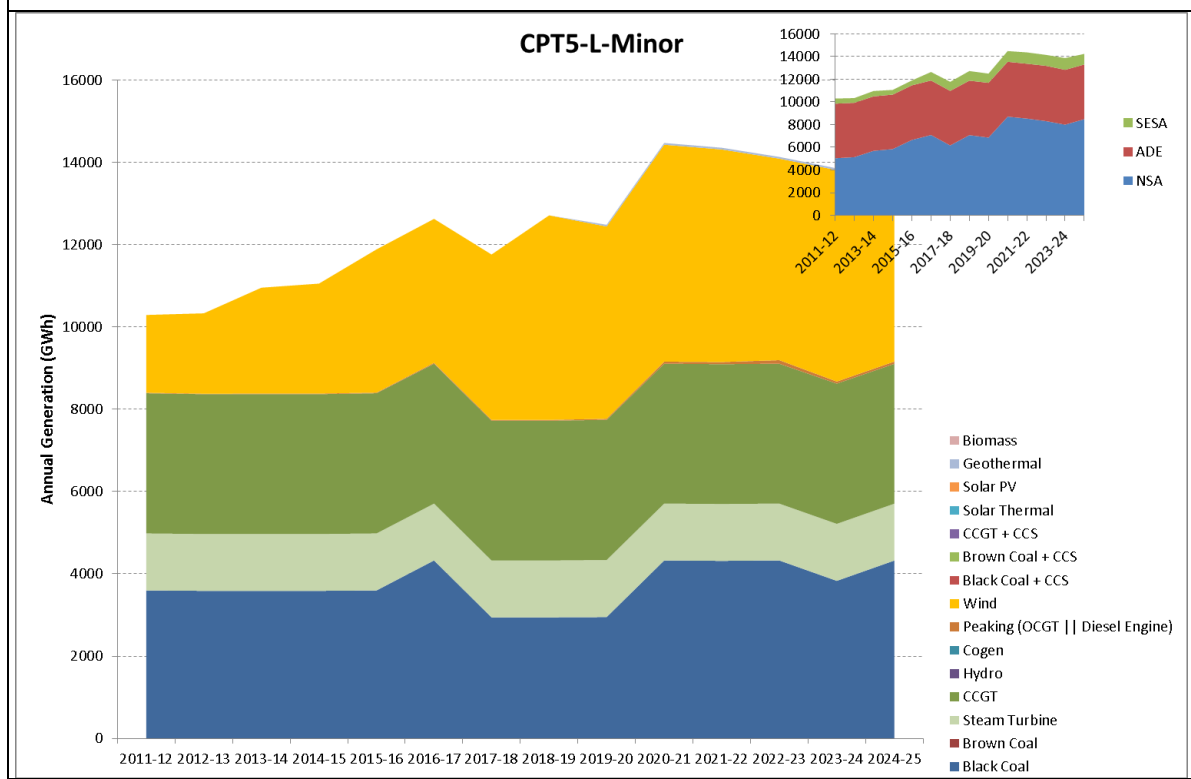
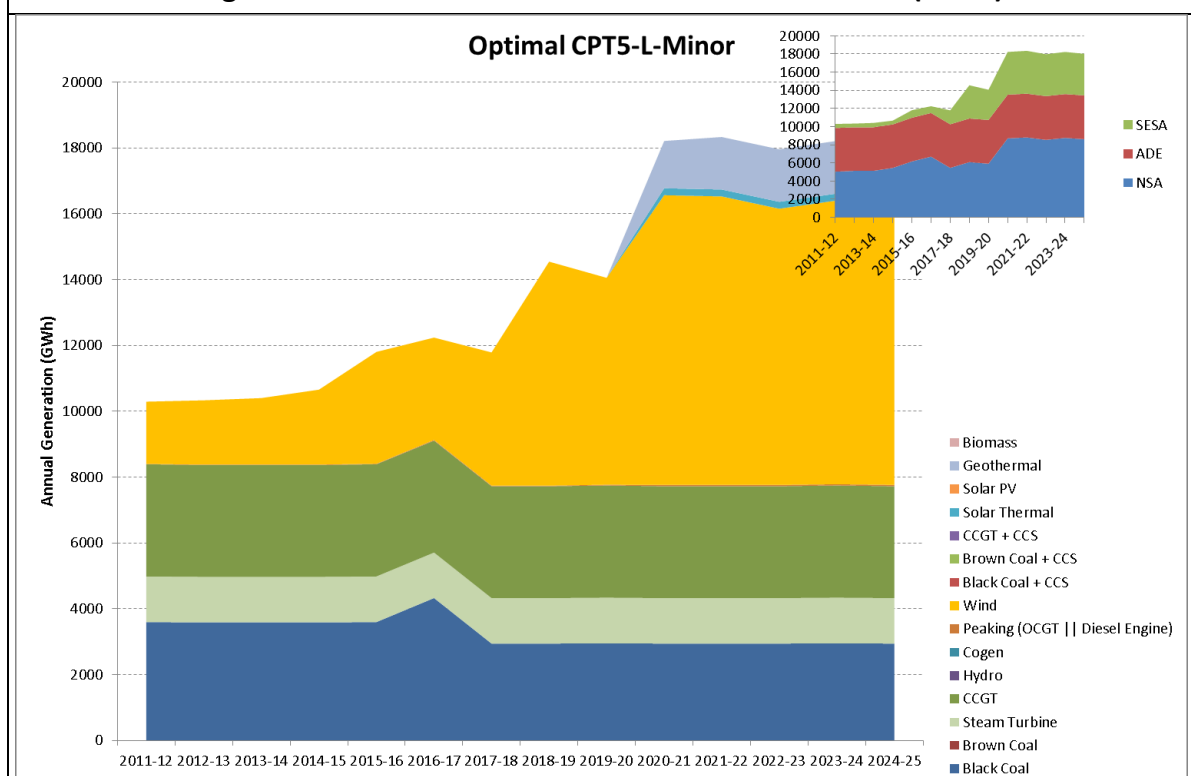
Figure A.33 – Total Annual Generation: CPT5-L-Minor (GSP)**Figure A.34 – Total Annual Generation: CPT5-L-Minor (LTIRP)**

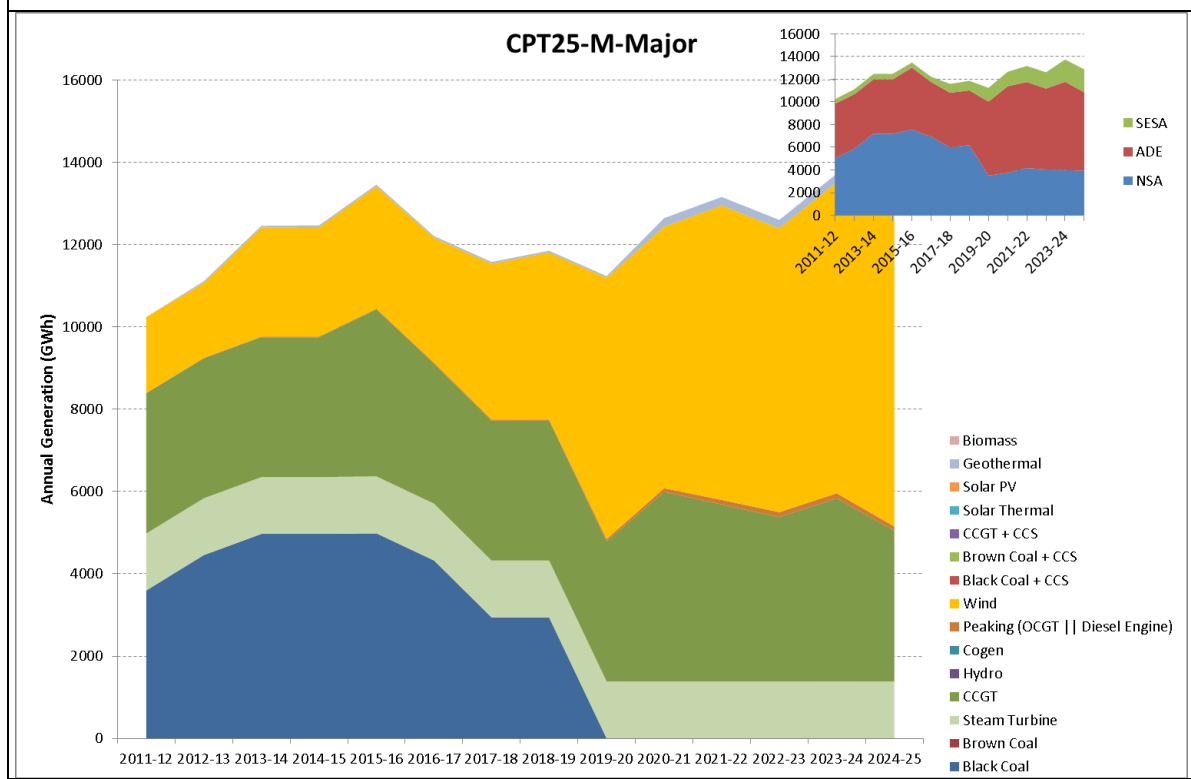
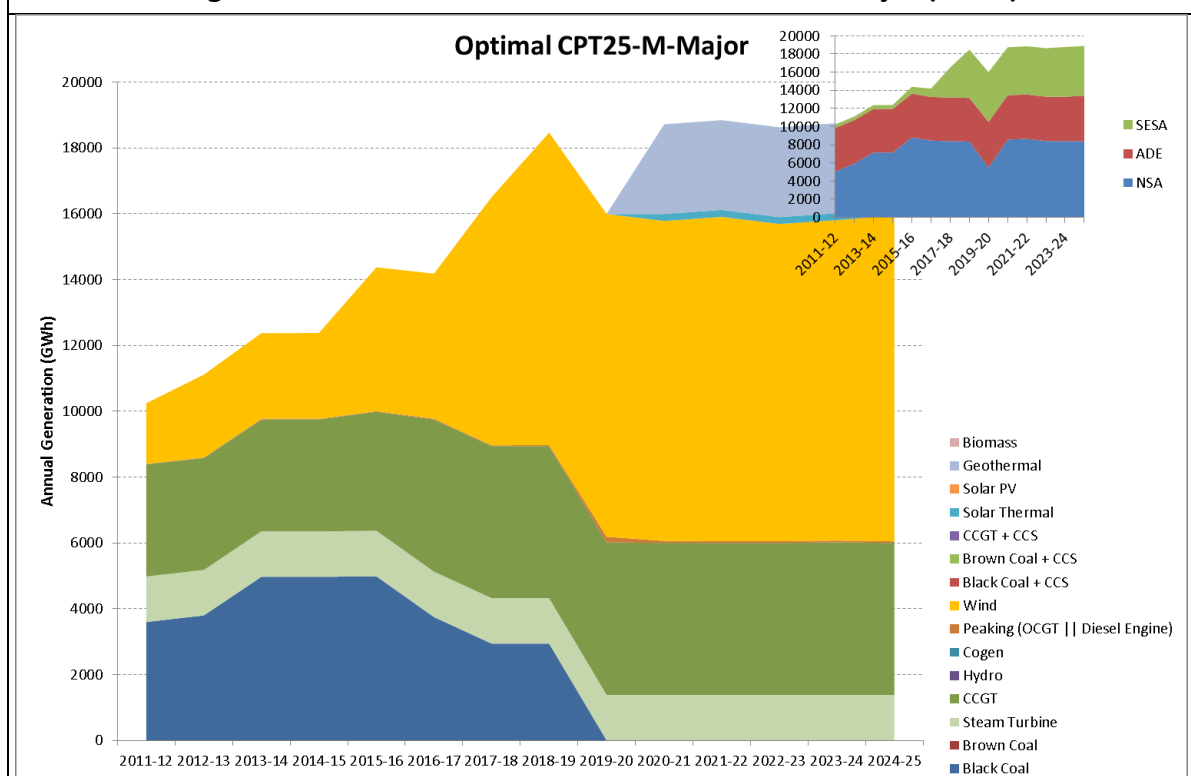
Figure A.35 – Total Annual Generation: CPT25-M-Major (GSP)**Figure A.36 – Total Annual Generation: CPT25-M-Major (LTIRP)**

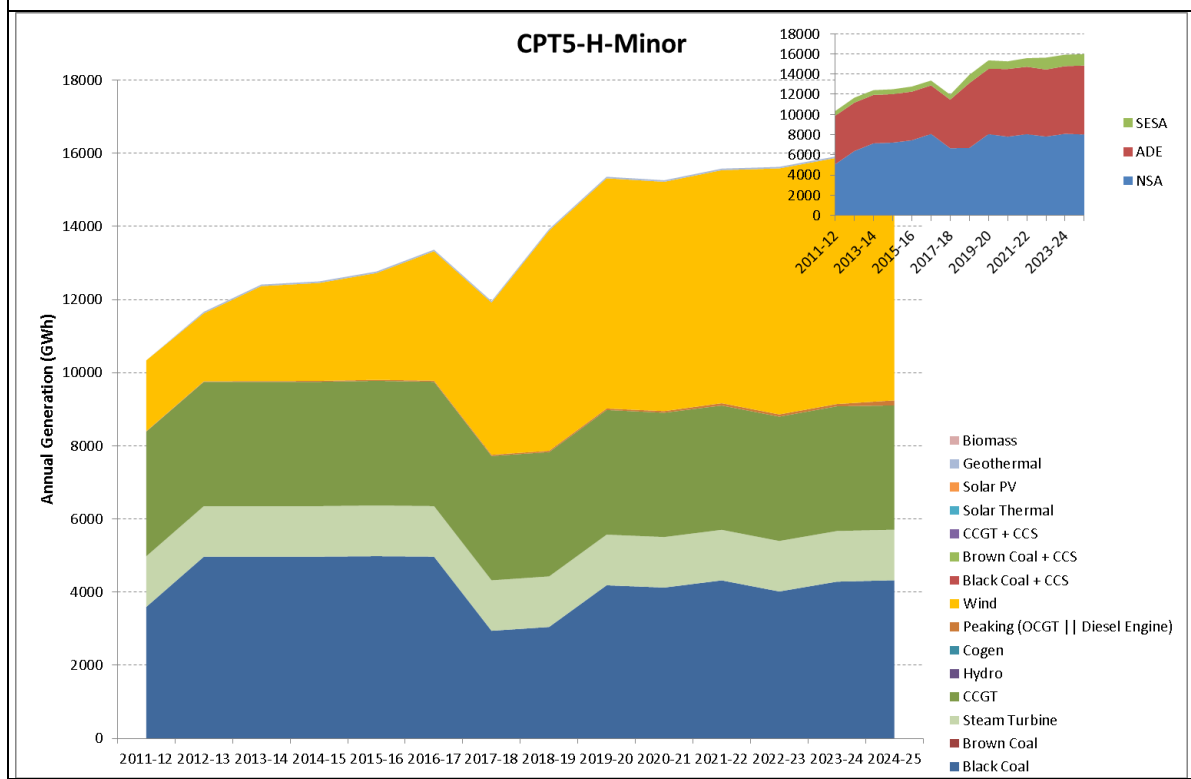
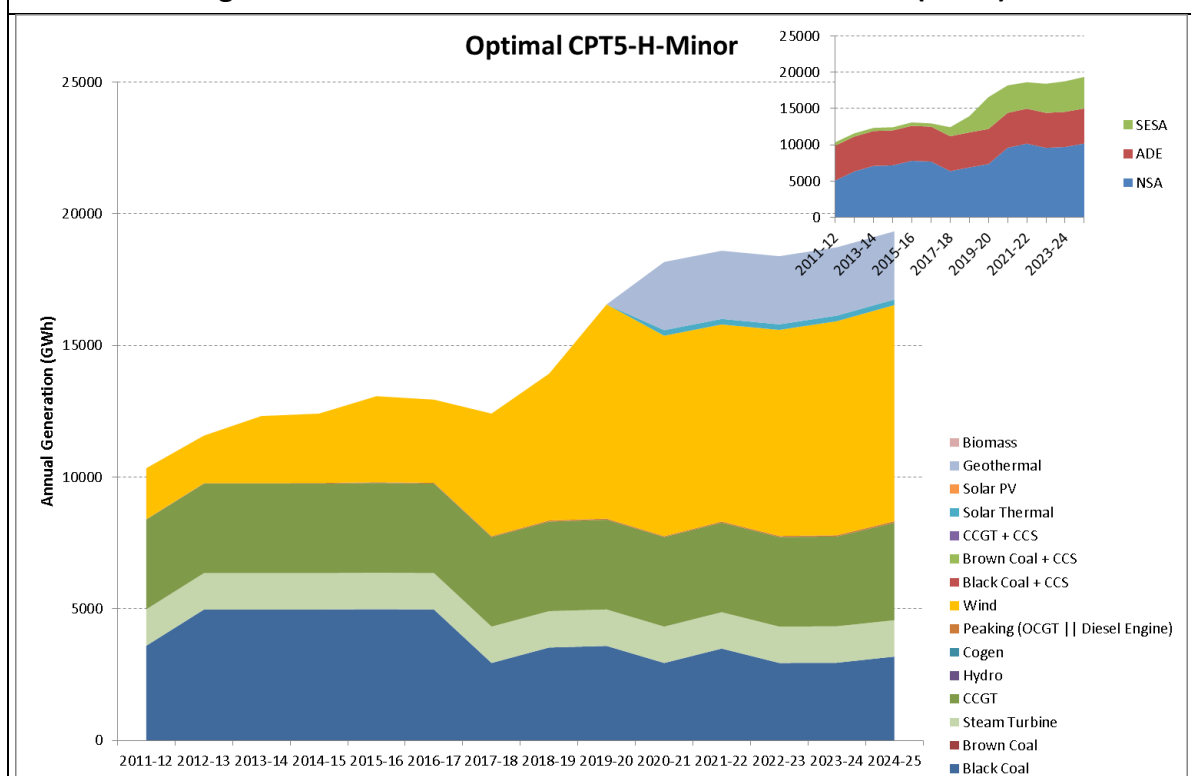
Figure A.37 – Total Annual Generation: CPT5-H-Minor (GSP)**Figure A.38 – Total Annual Generation: CPT5-H-Minor (LTIRP)**

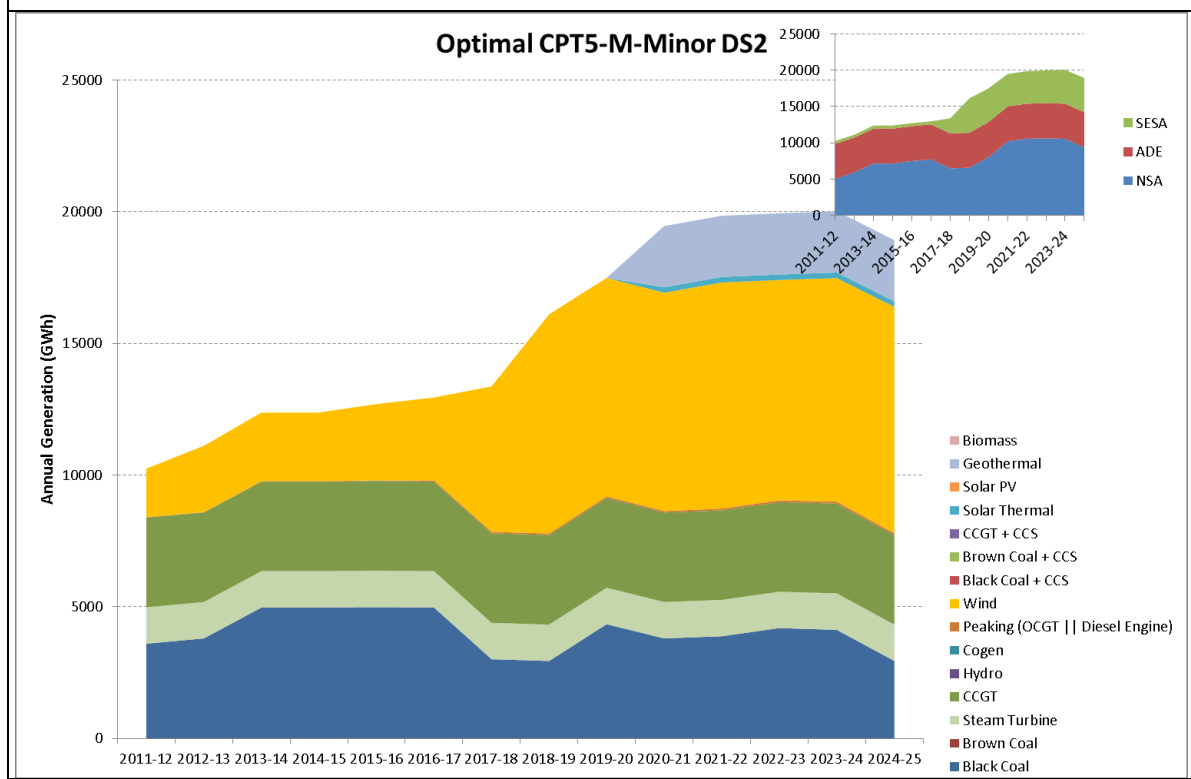
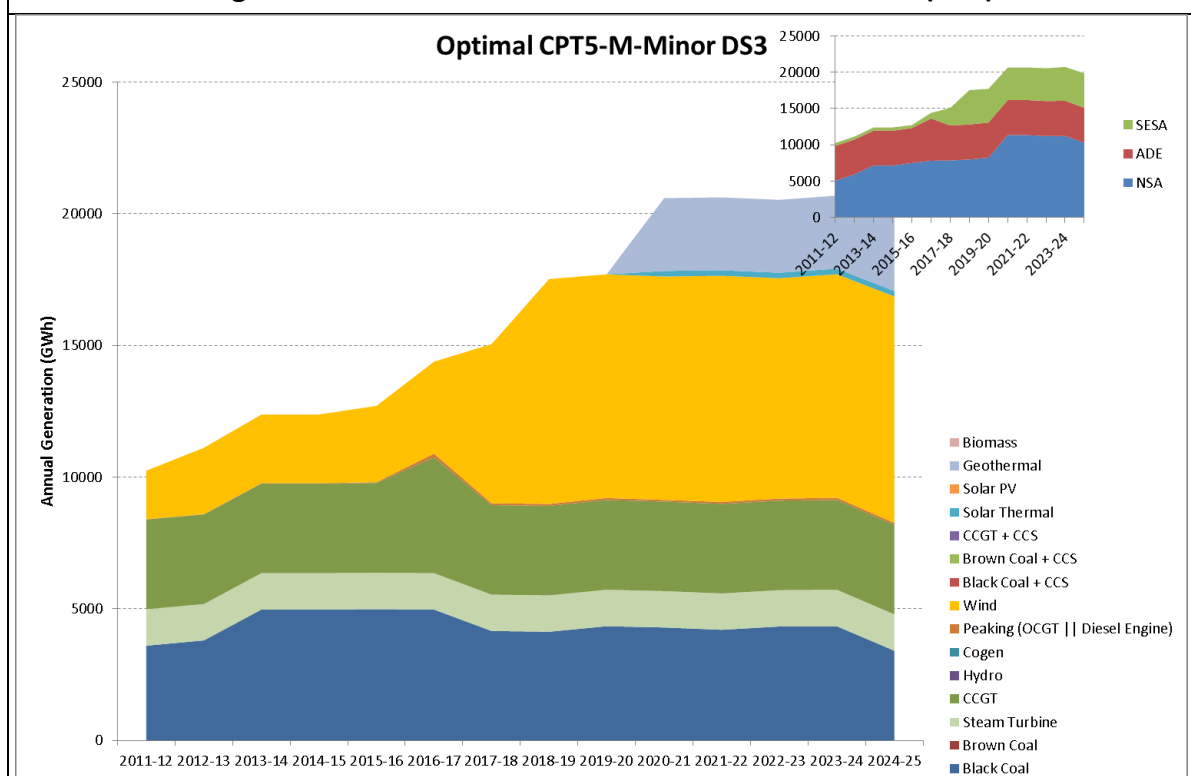
Figure A.39 – Total Annual Generation: CPT5-5-Minor (DS2)**Figure A.40 – Total Annual Generation: CPT5-5-Minor (DS3)**

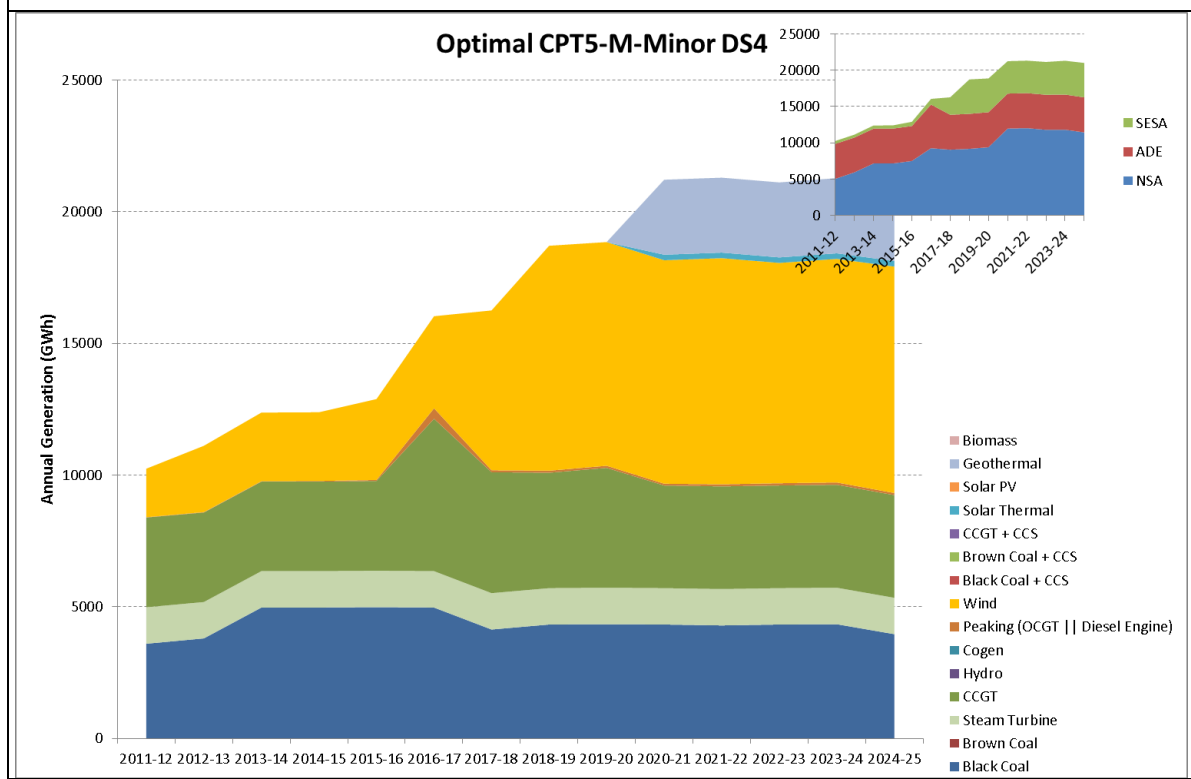
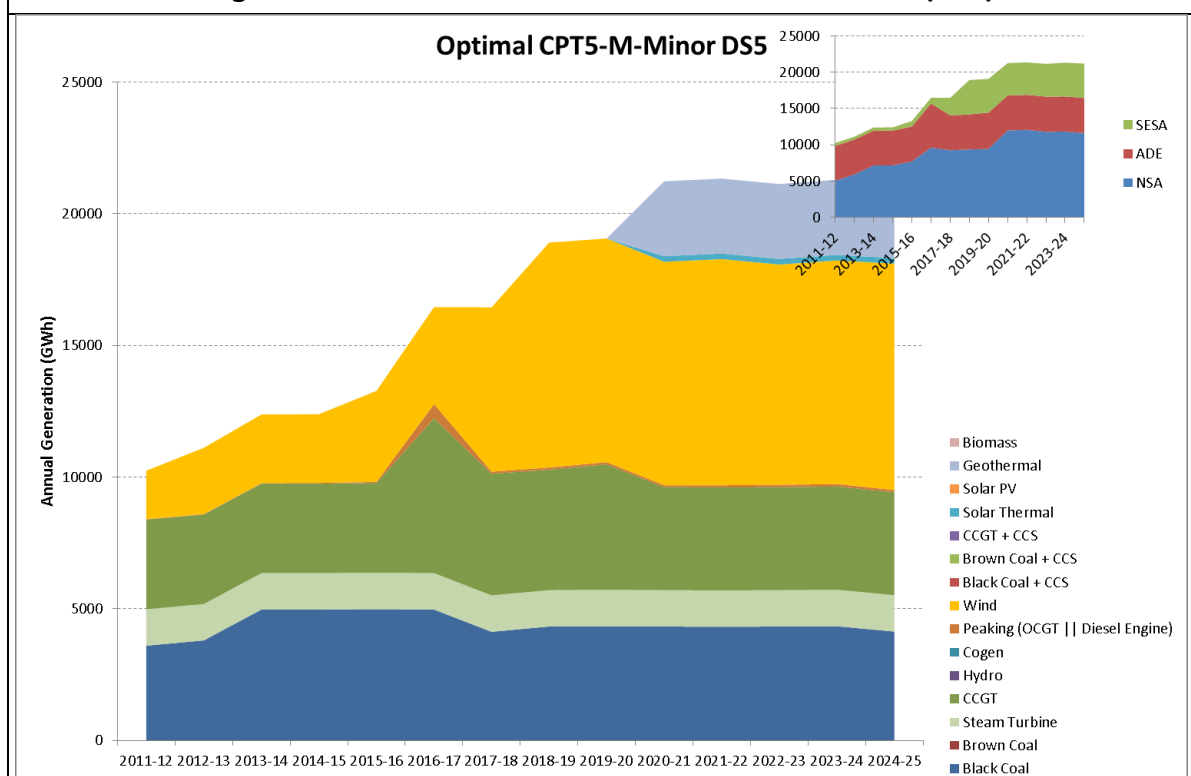
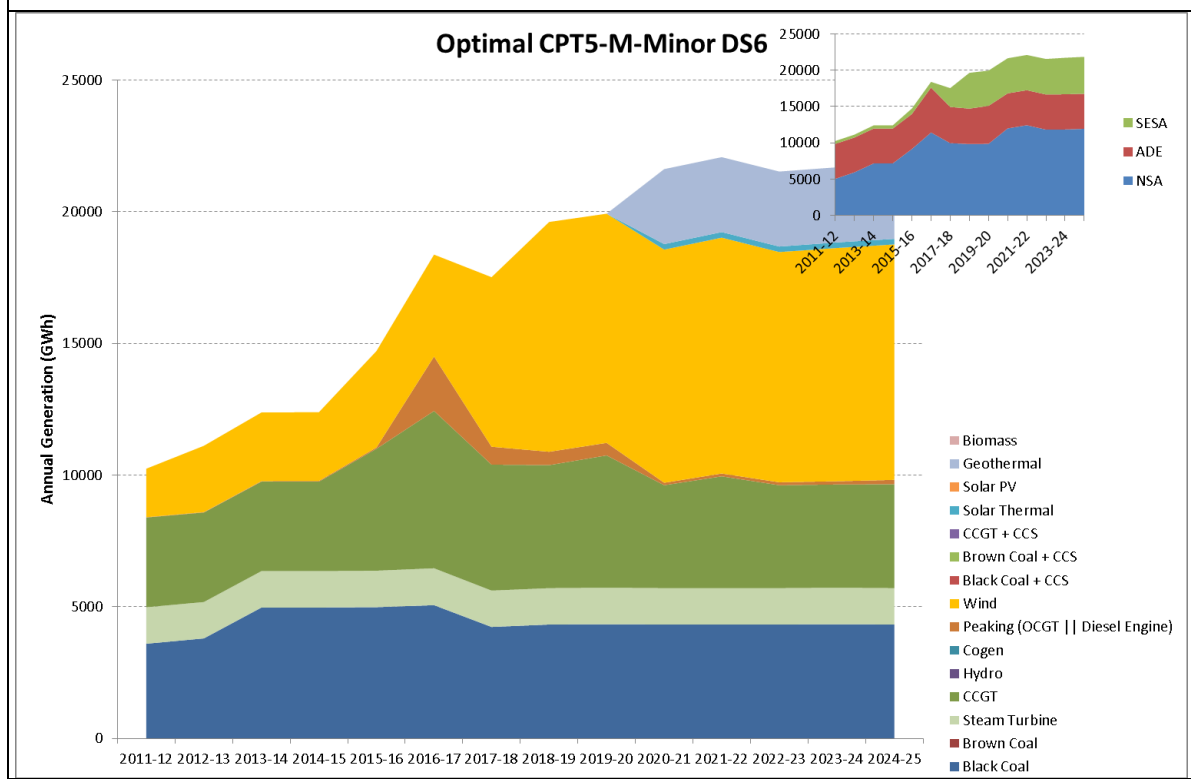
Figure A.41 – Total Annual Generation: CPT5-5-Minor (DS4)**Figure A.42 – Total Annual Generation: CPT5-5-Minor (DS5)**

Figure A.43 – Total Annual Generation: CPT5-5-Minor (DS6)

A.7) Transmission Capacity and Average Flows by Scenario and Technology

The following charts show the transmission capacity and average flows for each of the modelled links in the model, including the industrial load sensitivities DS2-DS6.

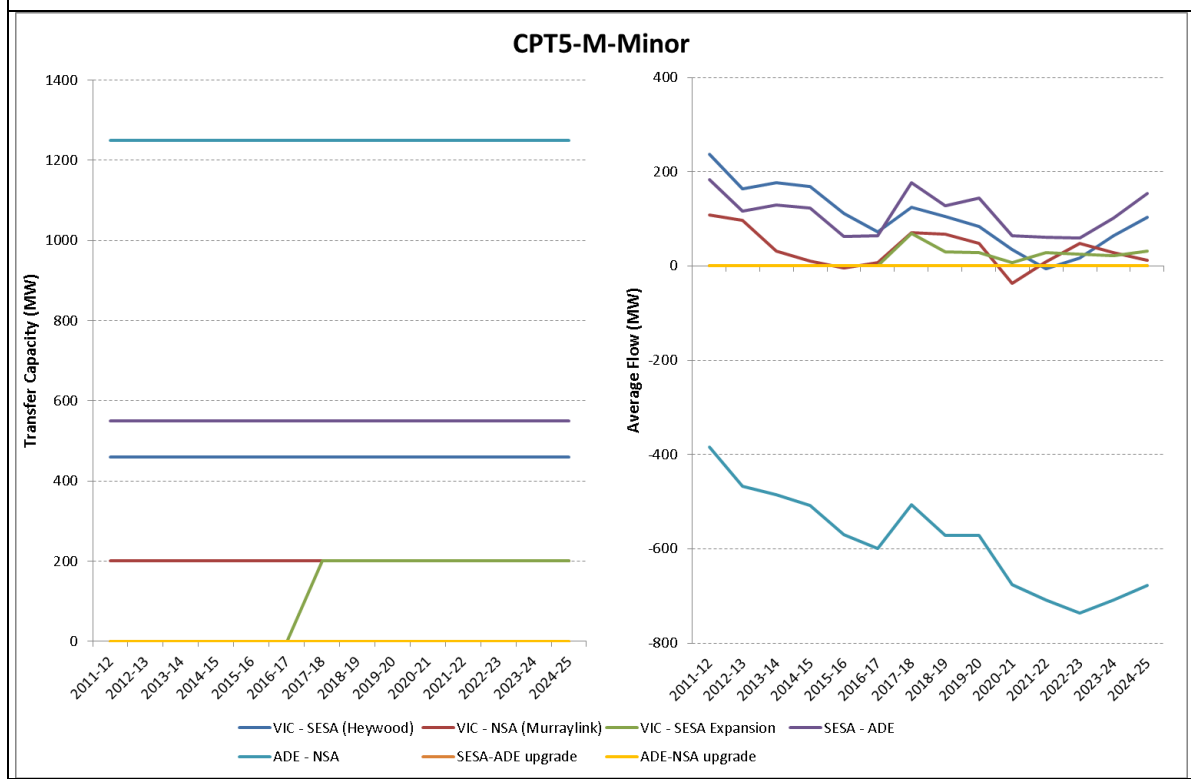
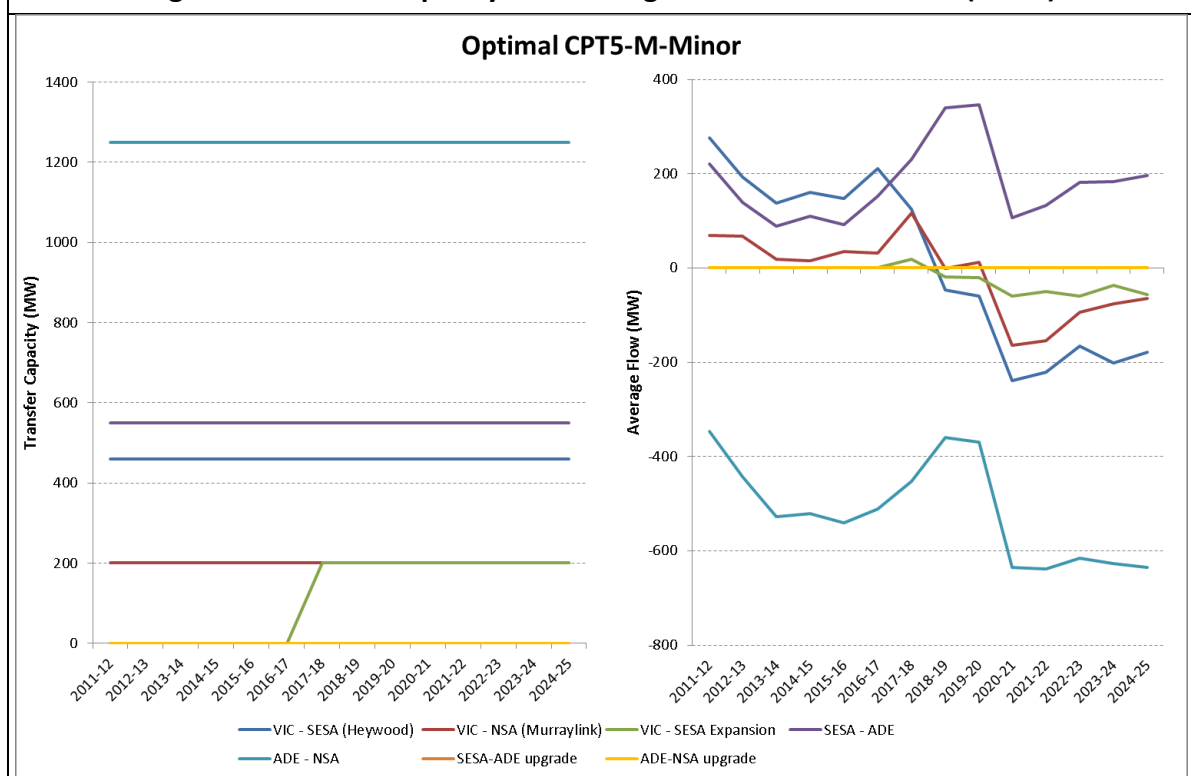
Figure A.44 – Link Capacity and Average Flow: CPT5-M-Minor (GSP)**Figure A.45 – Link Capacity and Average Flow: CPT5-M-Minor (LTIRP)**

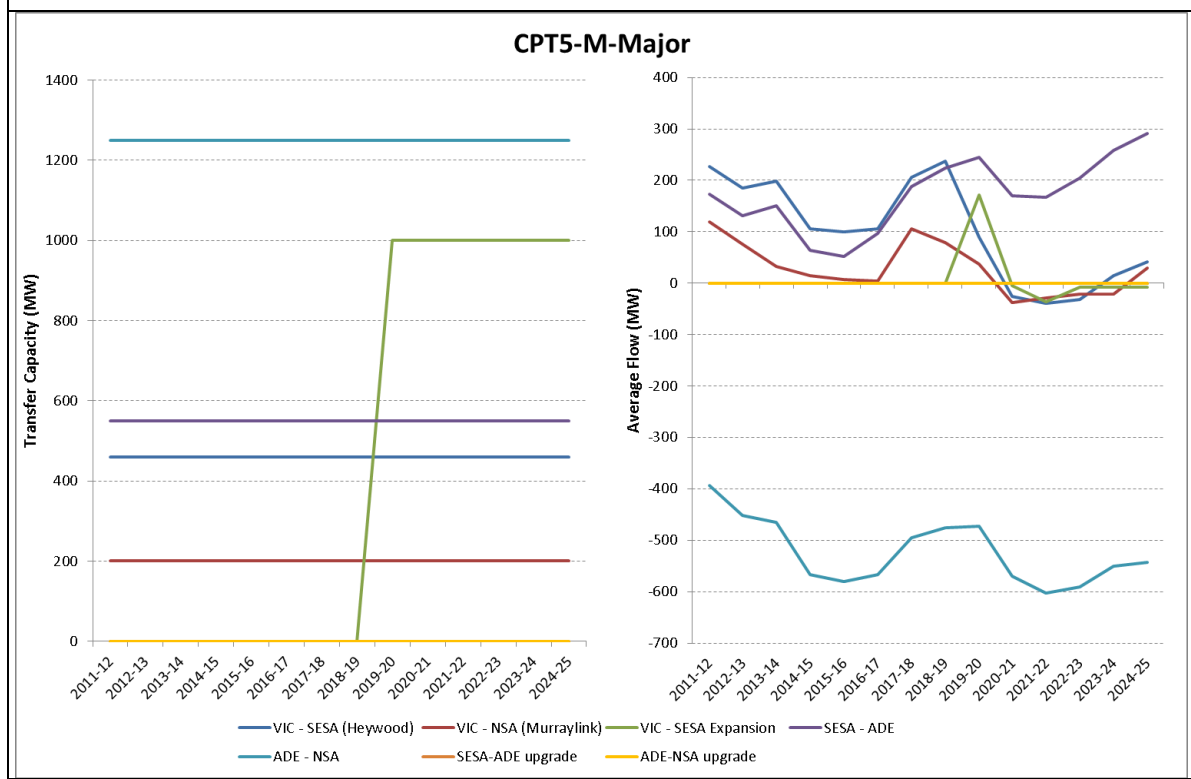
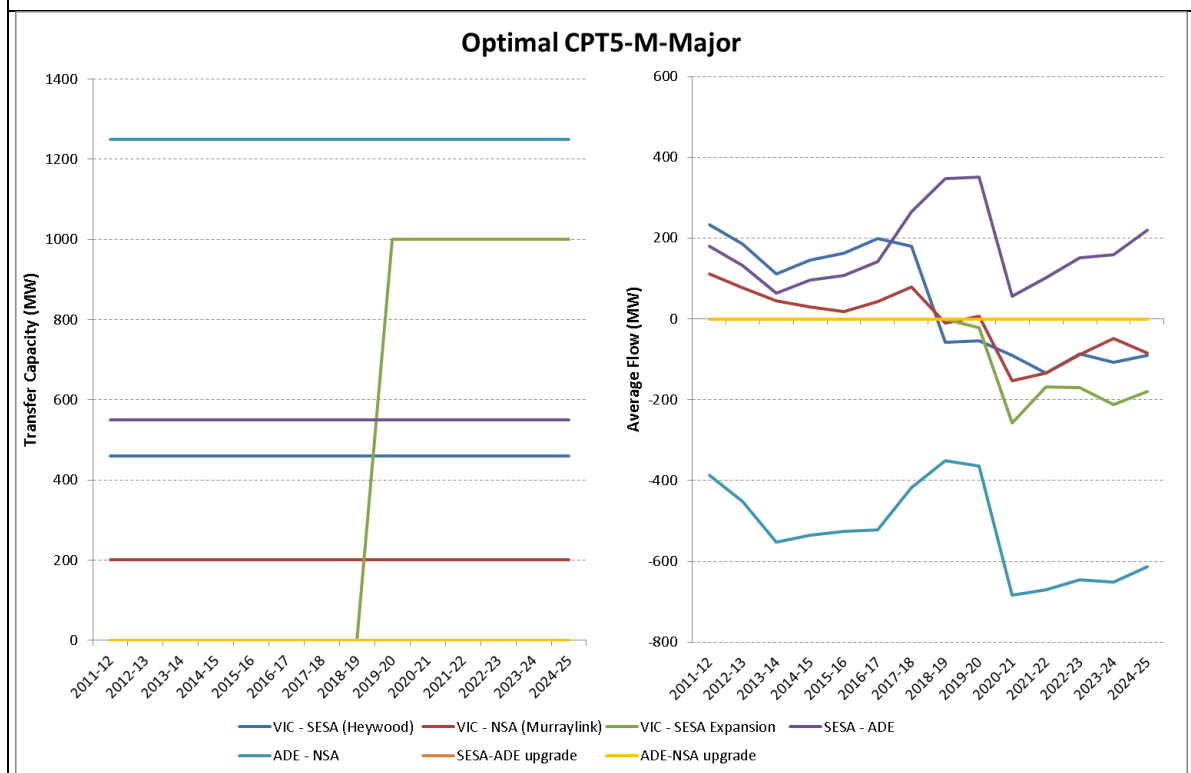
Figure A.46 – Link Capacity and Average Flow: CPT5-M-Major (GSP)**Figure A.47 – Link Capacity and Average Flow: CPT5-M-Major (LTIRP)**

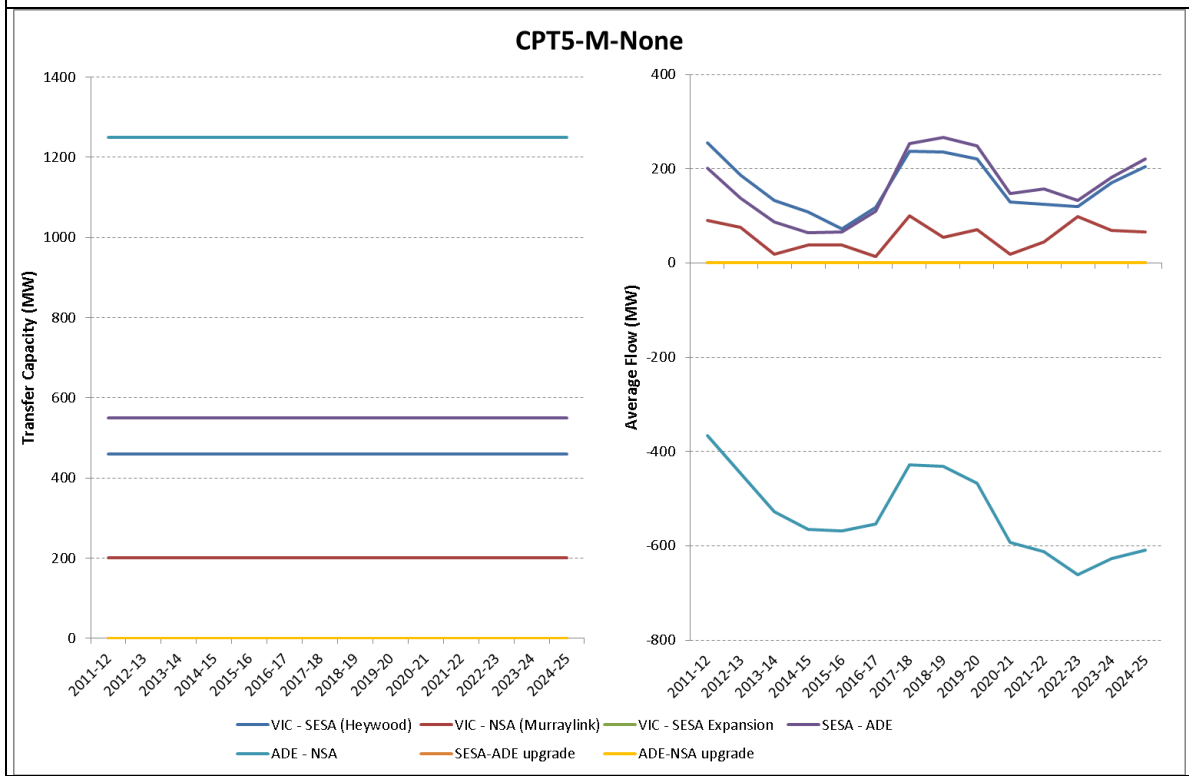
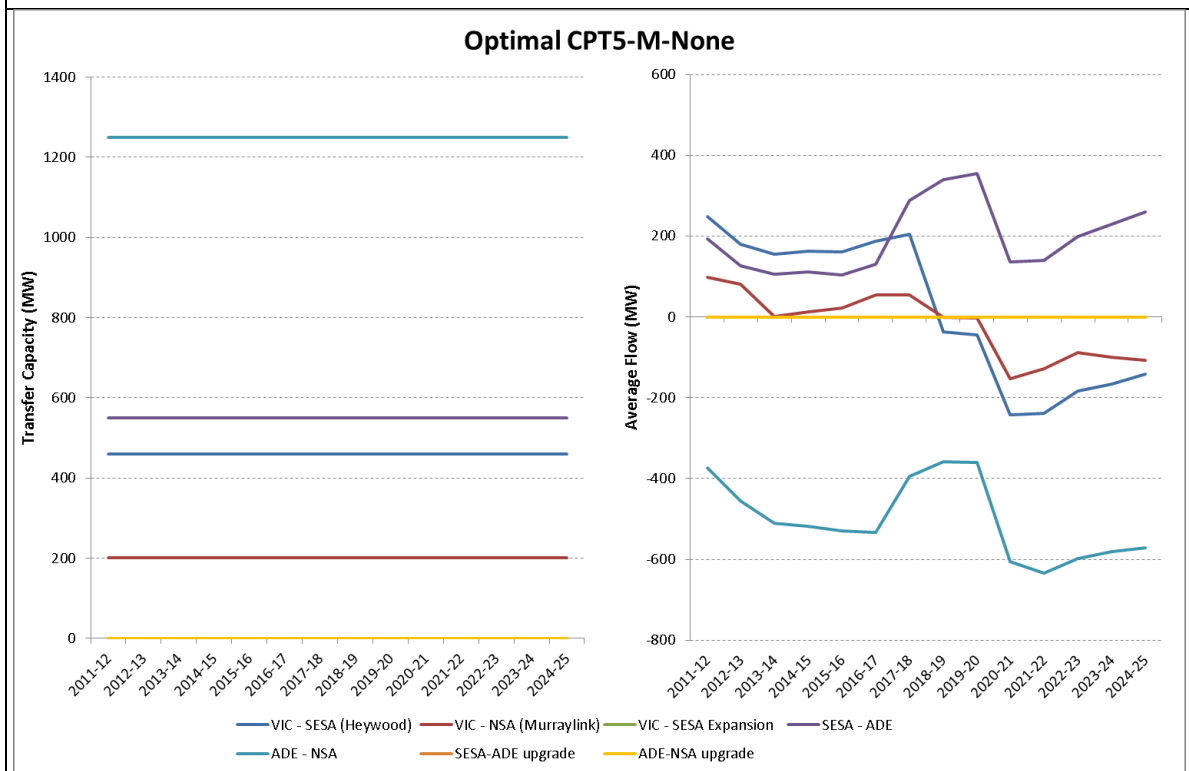
Figure A.48 – Link Capacity and Average Flow: CPT5-M-None (GSP)**Figure A.49 – Link Capacity and Average Flow: CPT5-M-None (LTIRP)**

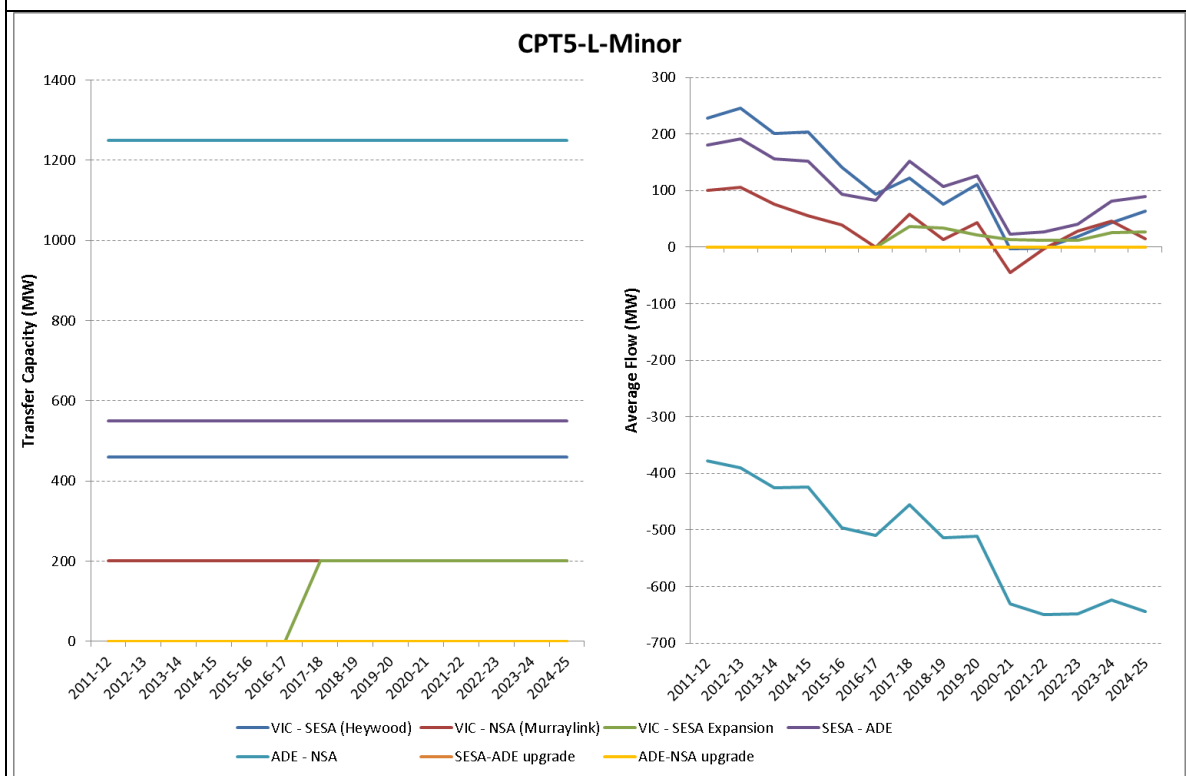
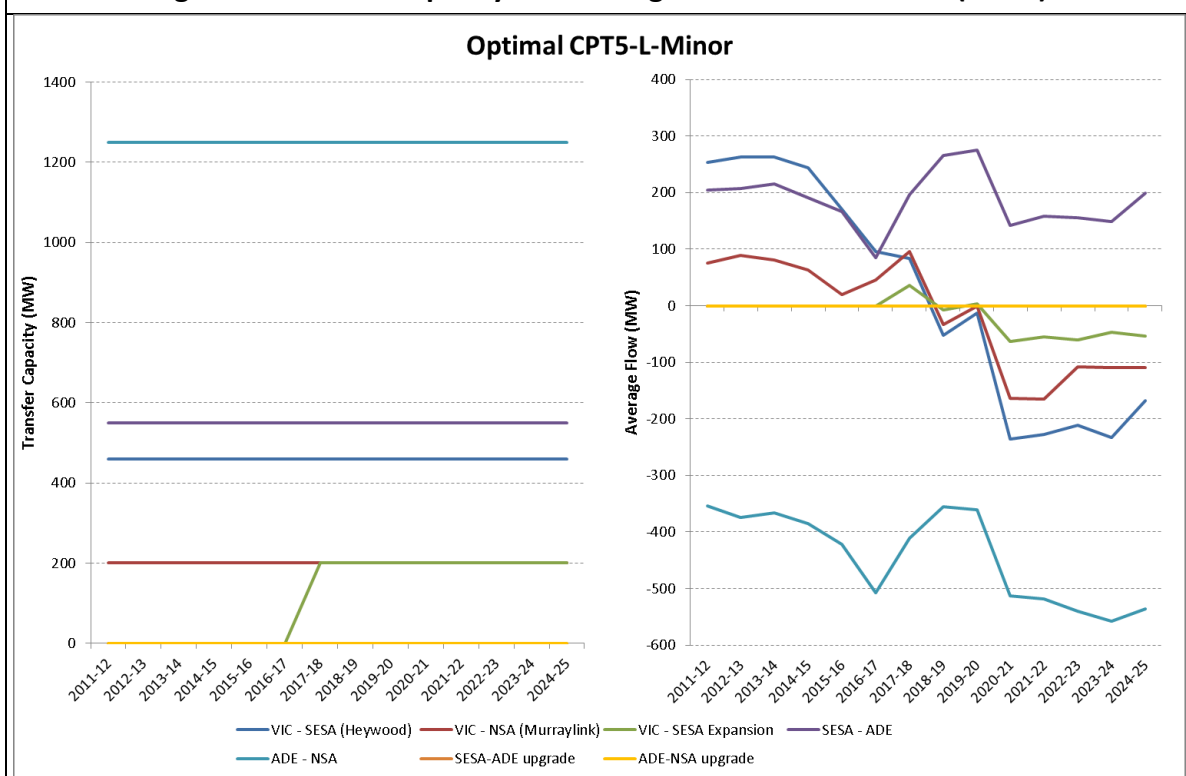
Figure A.50 – Link Capacity and Average Flow: CPT5-L-Minor (GSP)**Figure A.51 – Link Capacity and Average Flow: CPT5-L-Minor (LTIRP)**

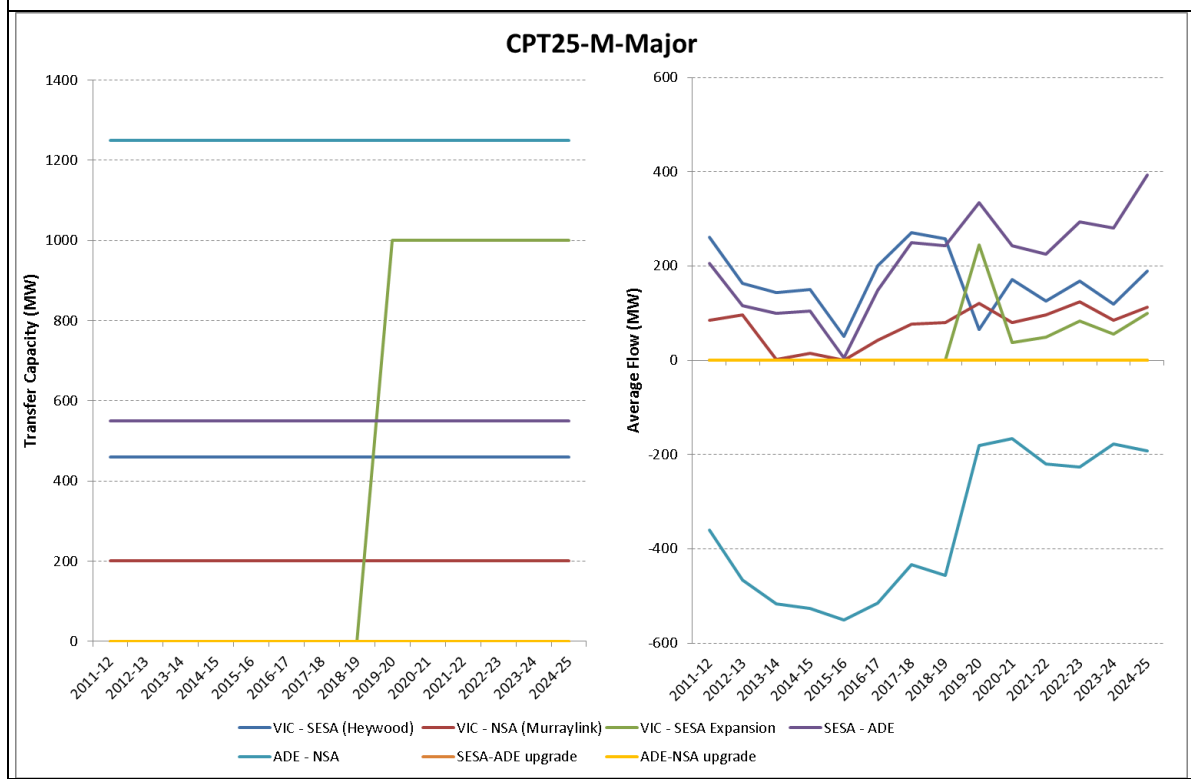
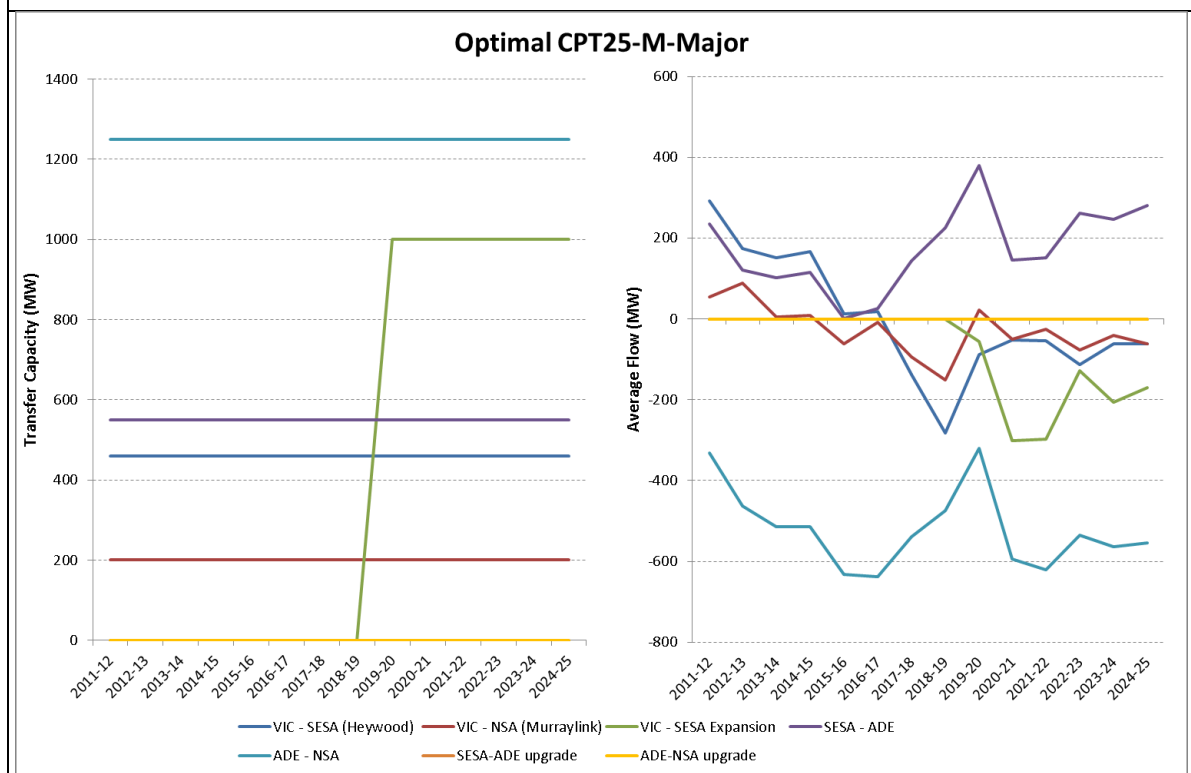
Figure A.52 – Link Capacity and Average Flow: CPT25-M-Major (GSP)**Figure A.53 – Link Capacity and Average Flow: CPT25-M-Major (LTIRP)**

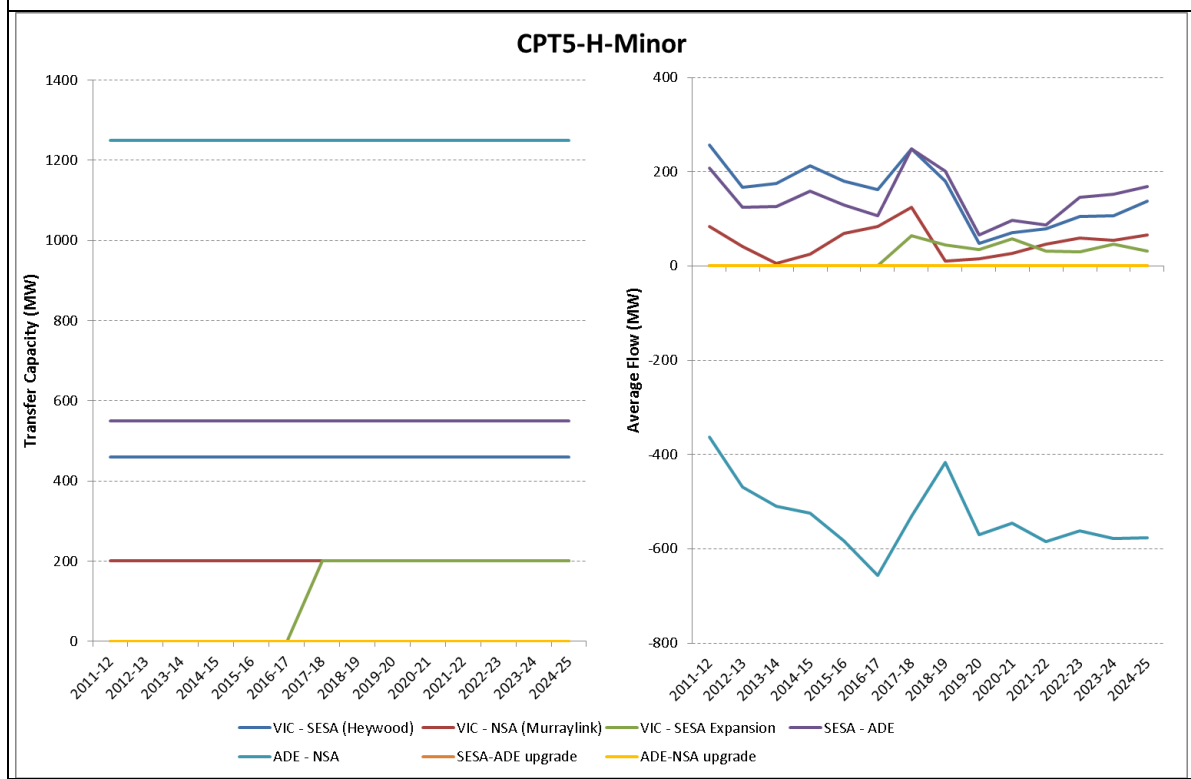
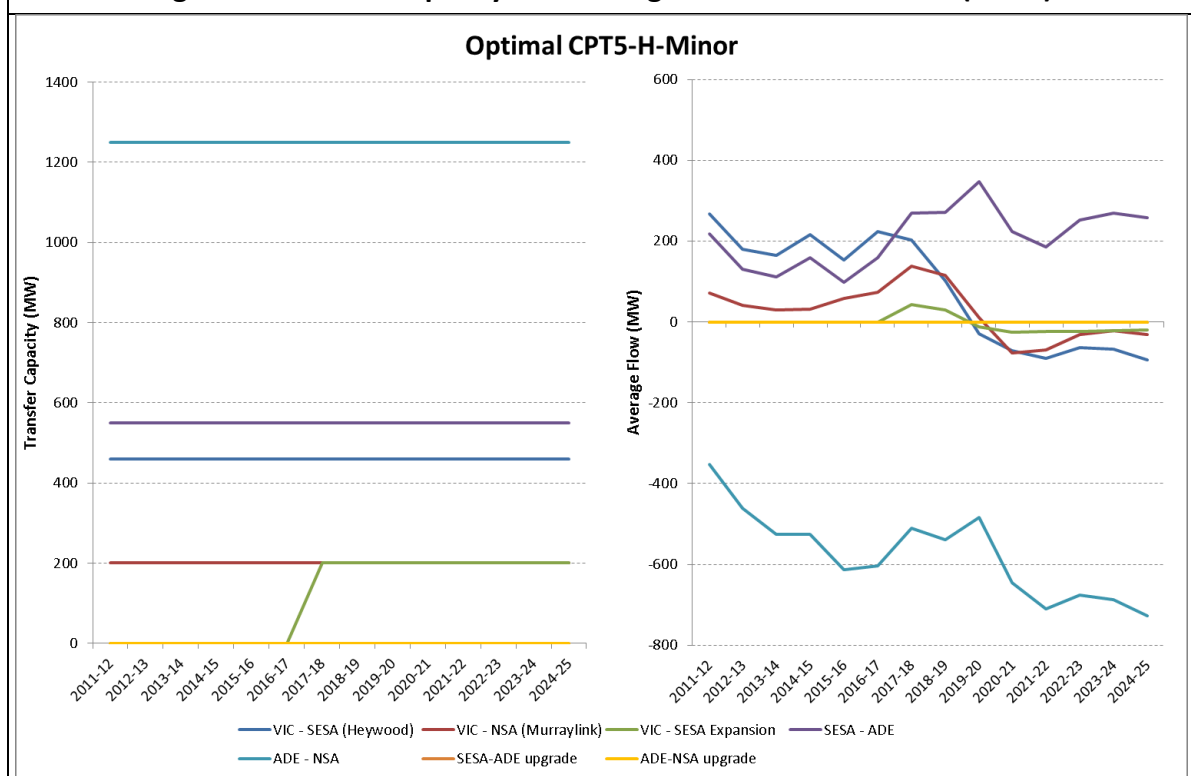
Figure A.54 – Link Capacity and Average Flow: CPT5-H-Minor (GSP)**Figure A.55 – Link Capacity and Average Flow: CPT5-H-Minor (LTIRP)**

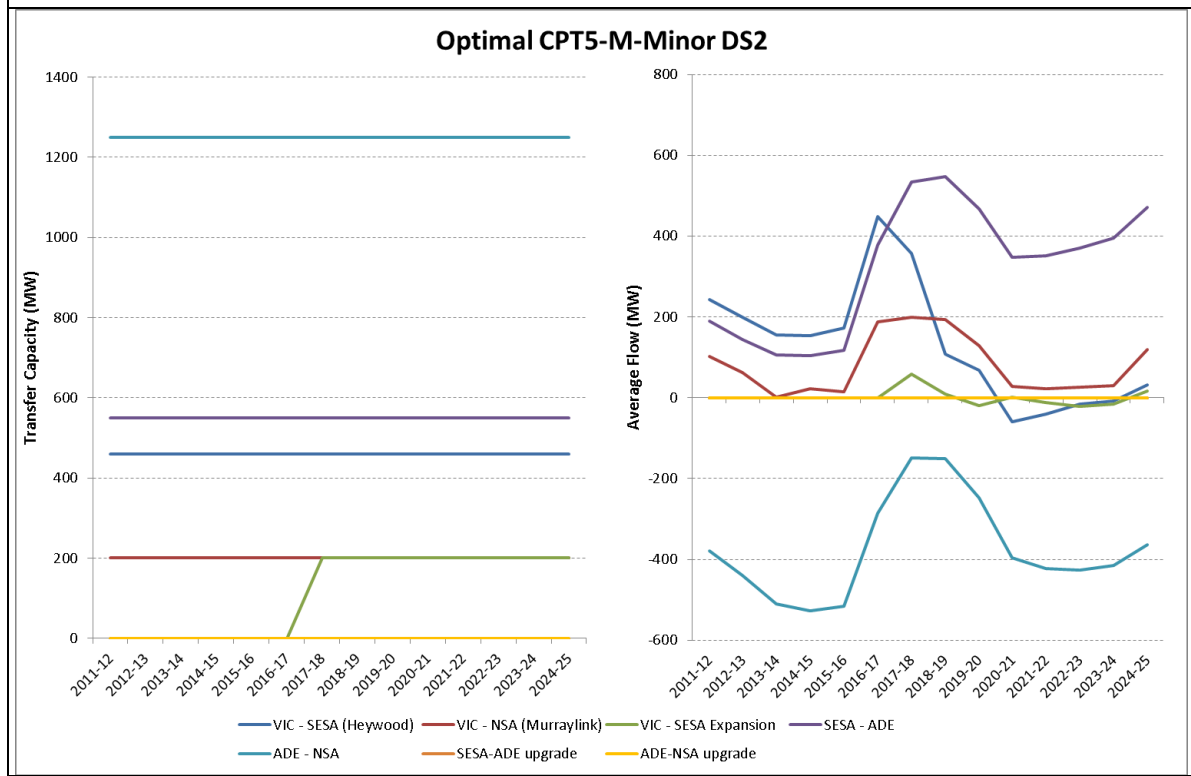
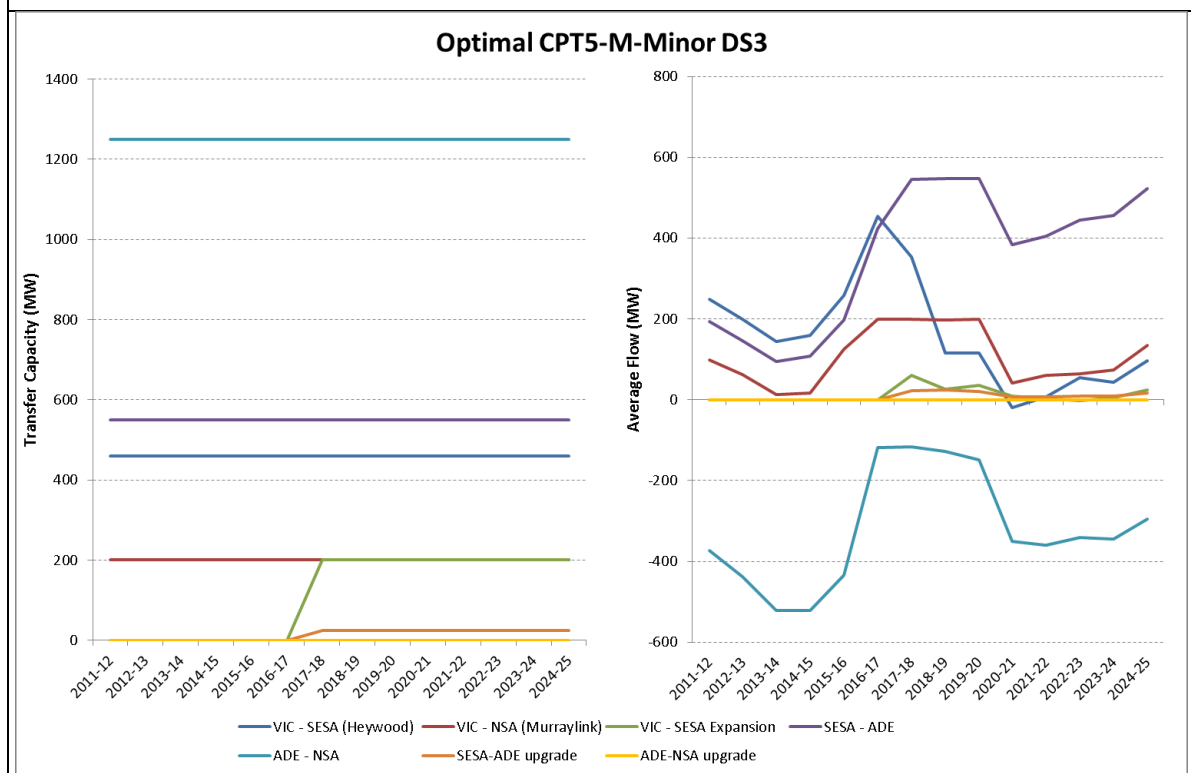
Figure A.56 – Link Capacity and Average Flow: CPT5-5-Minor (DS2)**Figure A.57 – Link Capacity and Average Flow: CPT5-5-Minor (DS3)**

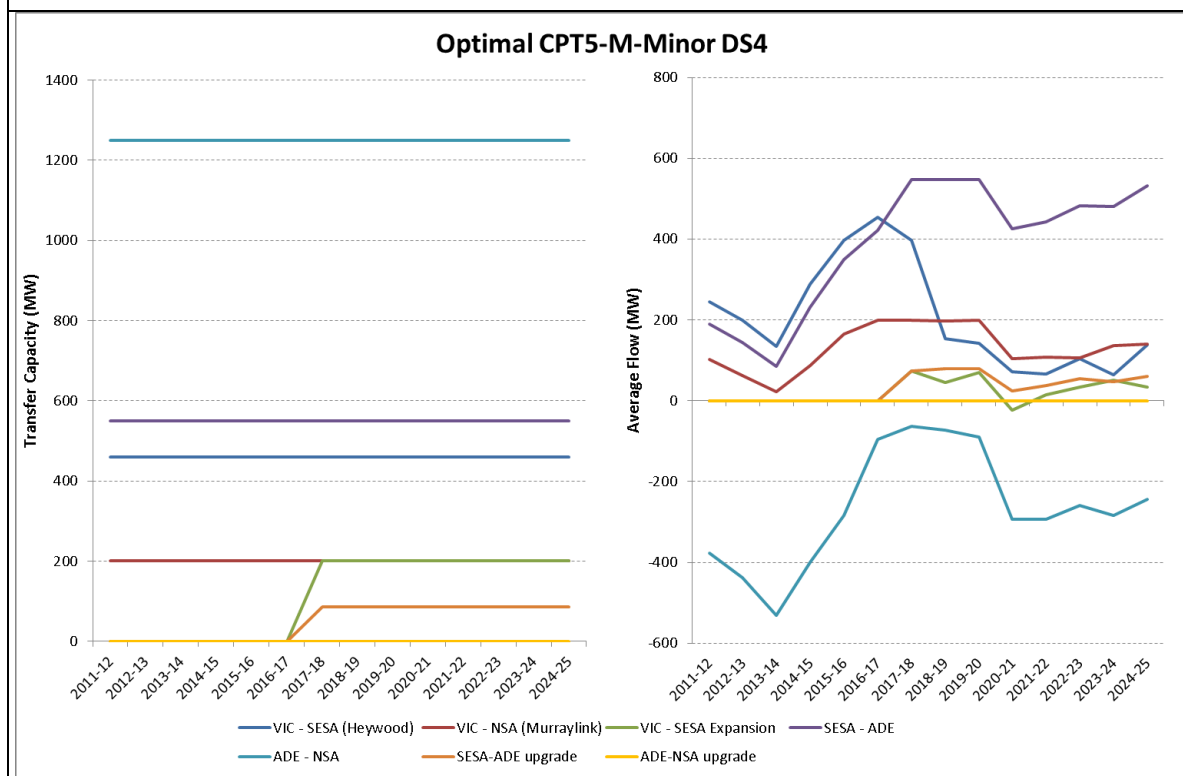
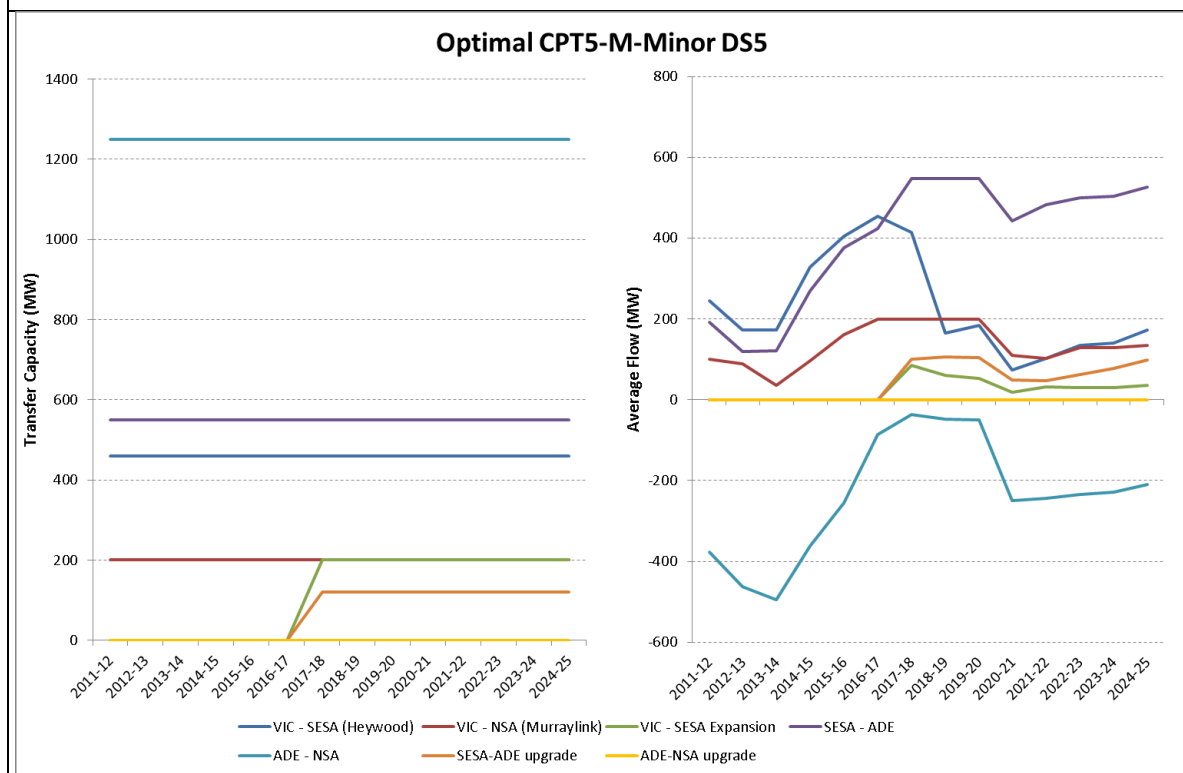
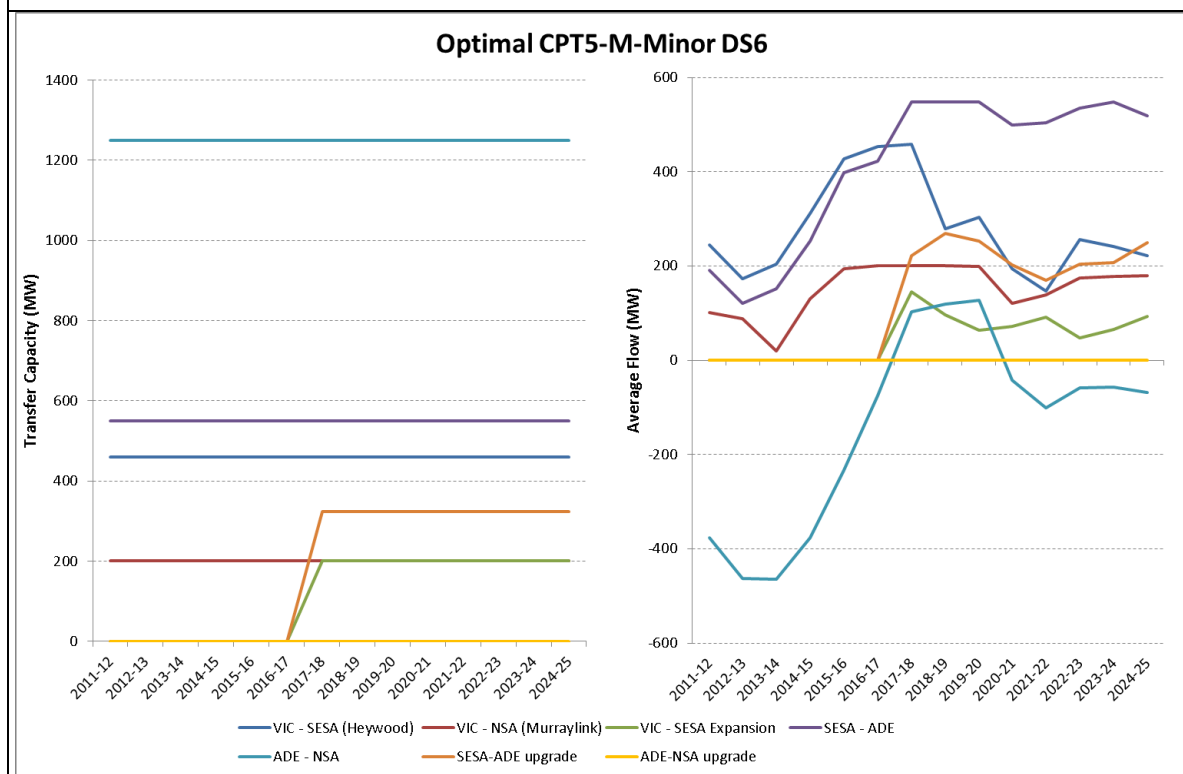
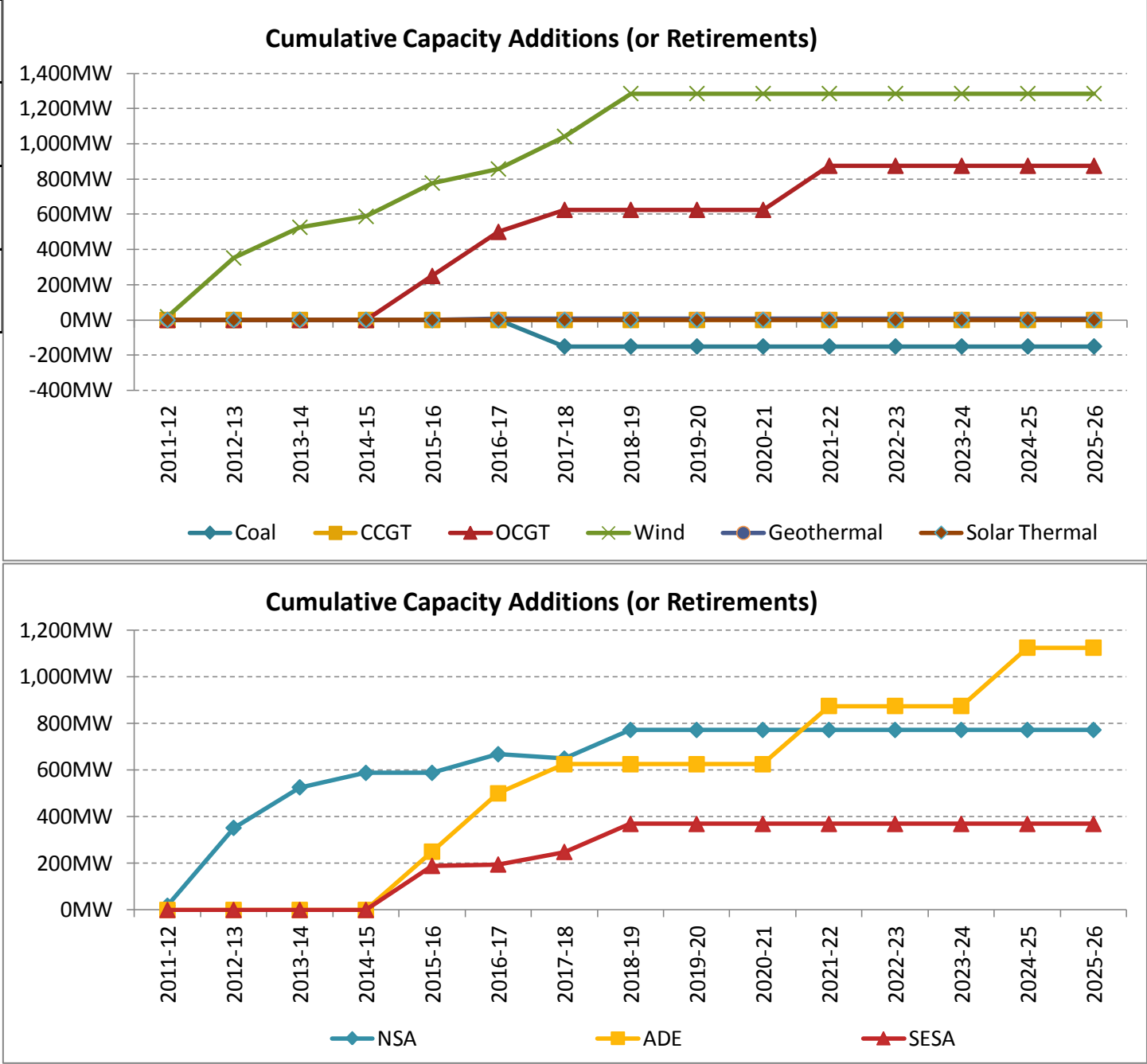
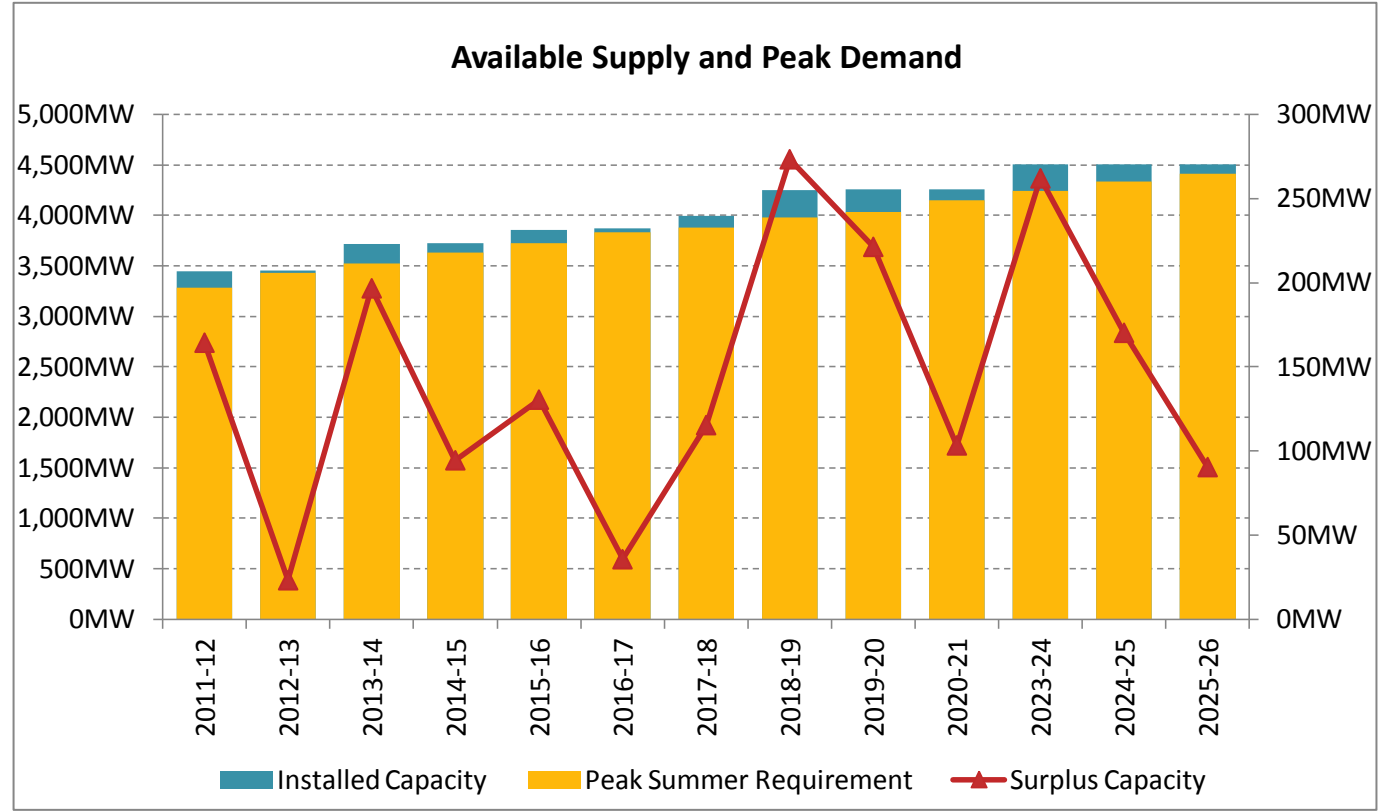
Figure A.58 – Link Capacity and Average Flow: CPT5-5-Minor (DS4)**Figure A.59 – Link Capacity and Average Flow: CPT5-5-Minor (DS5)**

Figure A.60 – Link Capacity and Average Flow: CPT5-5-Minor (DS6)



Outlook #	Theme:	CPT5	85% theme weighting
1	Carbon Policy Theme:	H	5% theme weighting
	Demand Growth Theme:	None	20% theme weighting
	Sensitivity:	N/A	Base Outlook

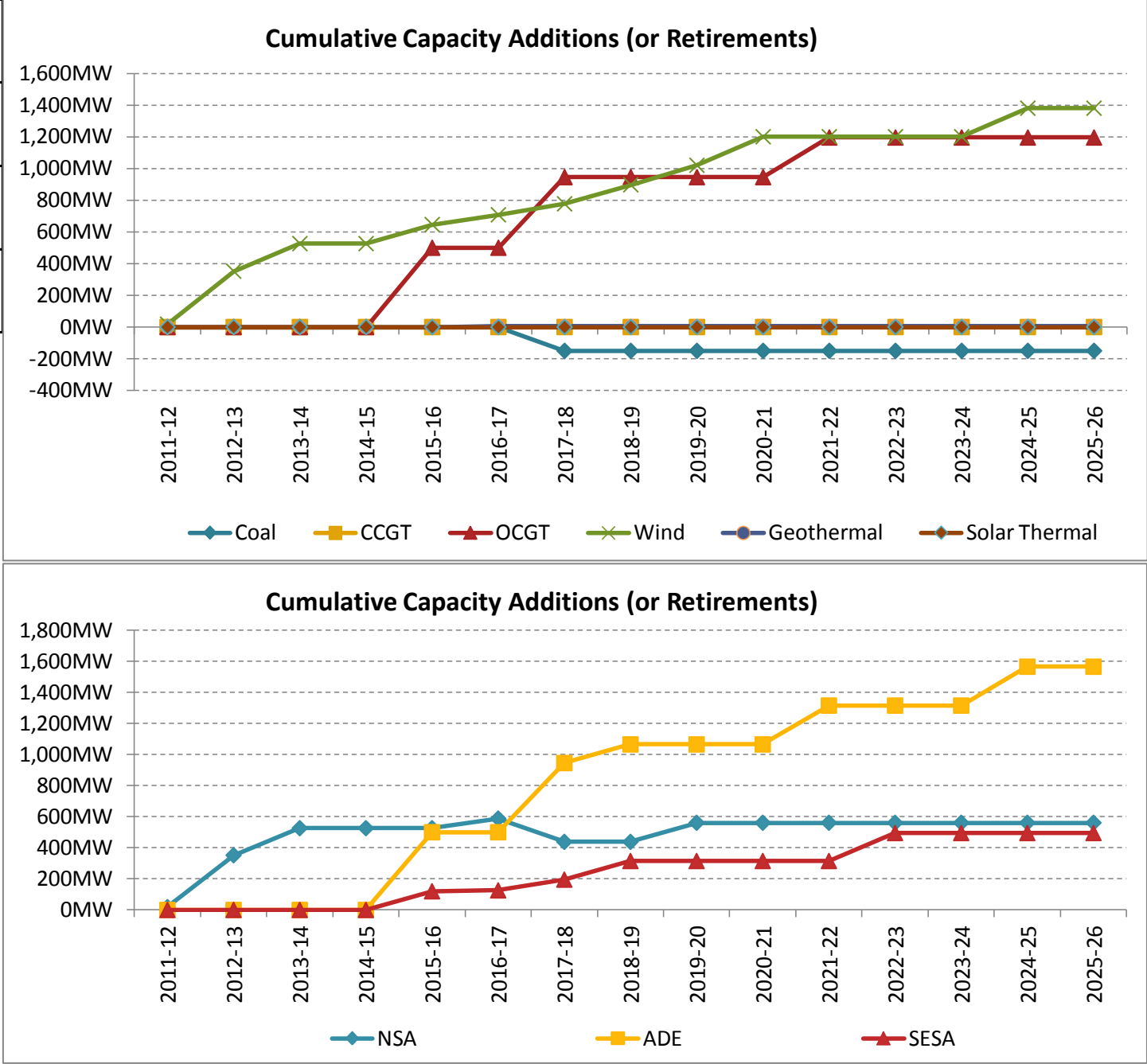
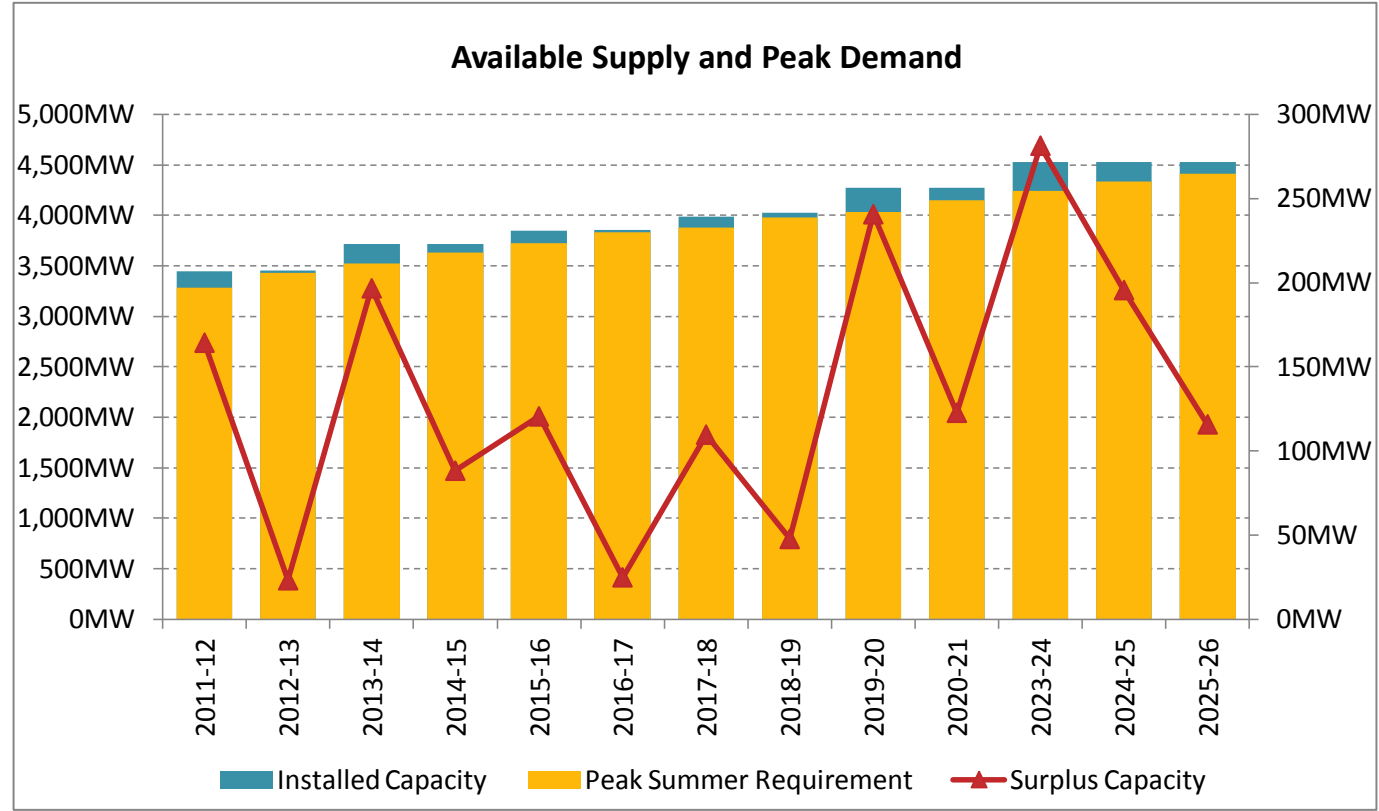


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15	Barn Hill 2 (62MW Wind [NSA]),			
2015-16	Torrens Island C 1 (250MW OCGT [ADE]), Allendale (69MW Wind [SESA]), Woakwine 1 (120MW Wind [SESA]),			
2016-17	Penola Stage 1 (5.9MW Geothermal [SESA]), Torrens Island C 2 (250MW OCGT [ADE]), Crystal Brook (80MW Wind [NSA]),			
2017-18	Quarantine 6 (125MW OCGT [ADE]), Green Point (54MW Wind [SESA]), Keyneton (131.1MW Wind [NSA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2018-19	Stony Gap (123MW Wind [NSA]), Woakwine 2 (120MW Wind [SESA]),			
2019-20	Innaminka 1 (0MW Geothermal [NSA]),			
2020-21				
2021-22	Cherokee Stage 3 (250MW OCGT [ADE]),			
2022-23				
2023-24				
2024-25	Cherokee Stage 4 (250MW OCGT [ADE]),			
2025-26				

Ranking	Outlook Probability
#17 /27	0.1%



Outlook #	Theme:	CPT5	85% theme weighting
2	Carbon Policy Theme:	H	5% theme weighting
	Demand Growth Theme:	Minor	60% theme weighting
	Sensitivity:	N/A	Base Outlook

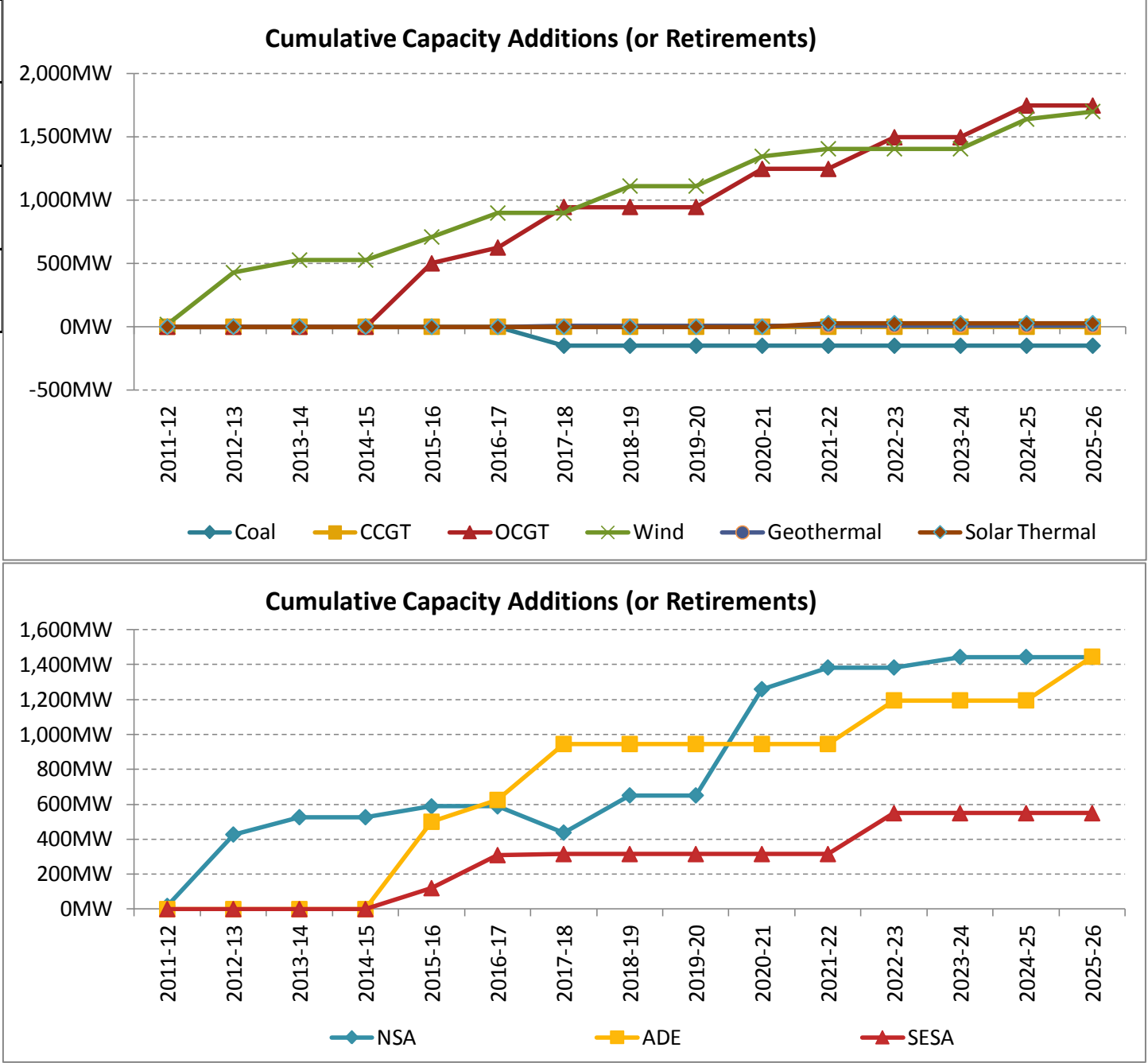
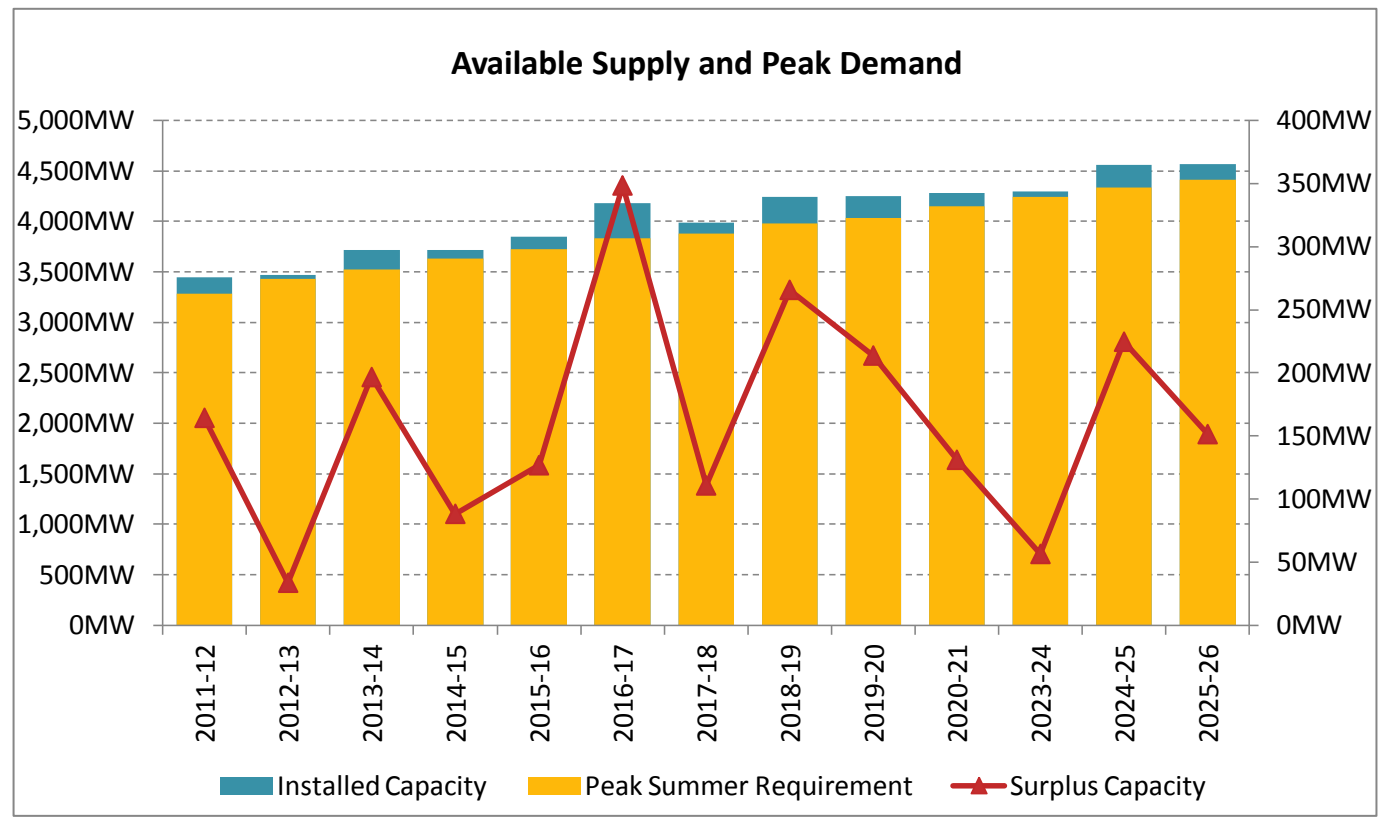


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15				
2015-16	Torrens Island C 1 (250MW OCGT [ADE]), Torrens Island C 2 (250MW OCGT [ADE]), Woakwine 1 (120MW Wind [SESA]),			
2016-17	Barn Hill 2 (62MW Wind [NSA]), Penola Stage 1 (5.9MW Geothermal [SESA]),			
2017-18	Pelican Point 2 (320MW OCGT [ADE]), Quarantine 6 (125MW OCGT [ADE]), Allendale (69MW Wind [SESA]), Innamincka 1 (0MW Geothermal [NSA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),	Minor Transmission Upgrade (VIC-SA 200MW Bi-directional)	
2018-19	Woakwine 2 (120MW Wind [SESA]), Ceres Pilot Biomass (120MW Biomass [ADE]),			
2019-20	Stony Gap (123MW Wind [NSA]),			
2020-21				
2021-22	Cherokee Stage 3 (250MW OCGT [ADE]),			
2022-23	Woakwine 3 (180MW Wind [SESA]),			
2023-24				
2024-25	Torrens Island C 3 (250MW OCGT [ADE]),			
2025-26				

Ranking	Outlook Probability
#10 /27	2.6%



Outlook #	Theme:	CPT5	85% theme weighting
3	Carbon Policy Theme:	H	5% theme weighting
	Demand Growth Theme:	Major	20% theme weighting
	Sensitivity:	N/A	Base Outlook

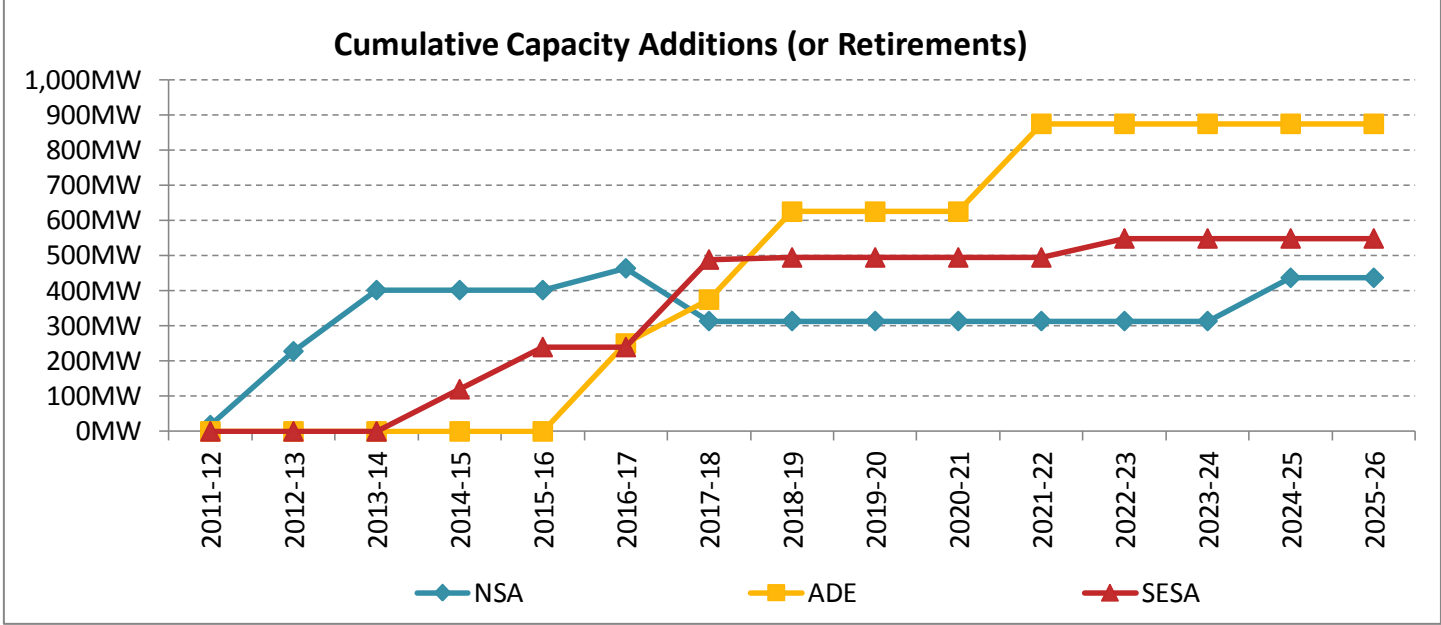
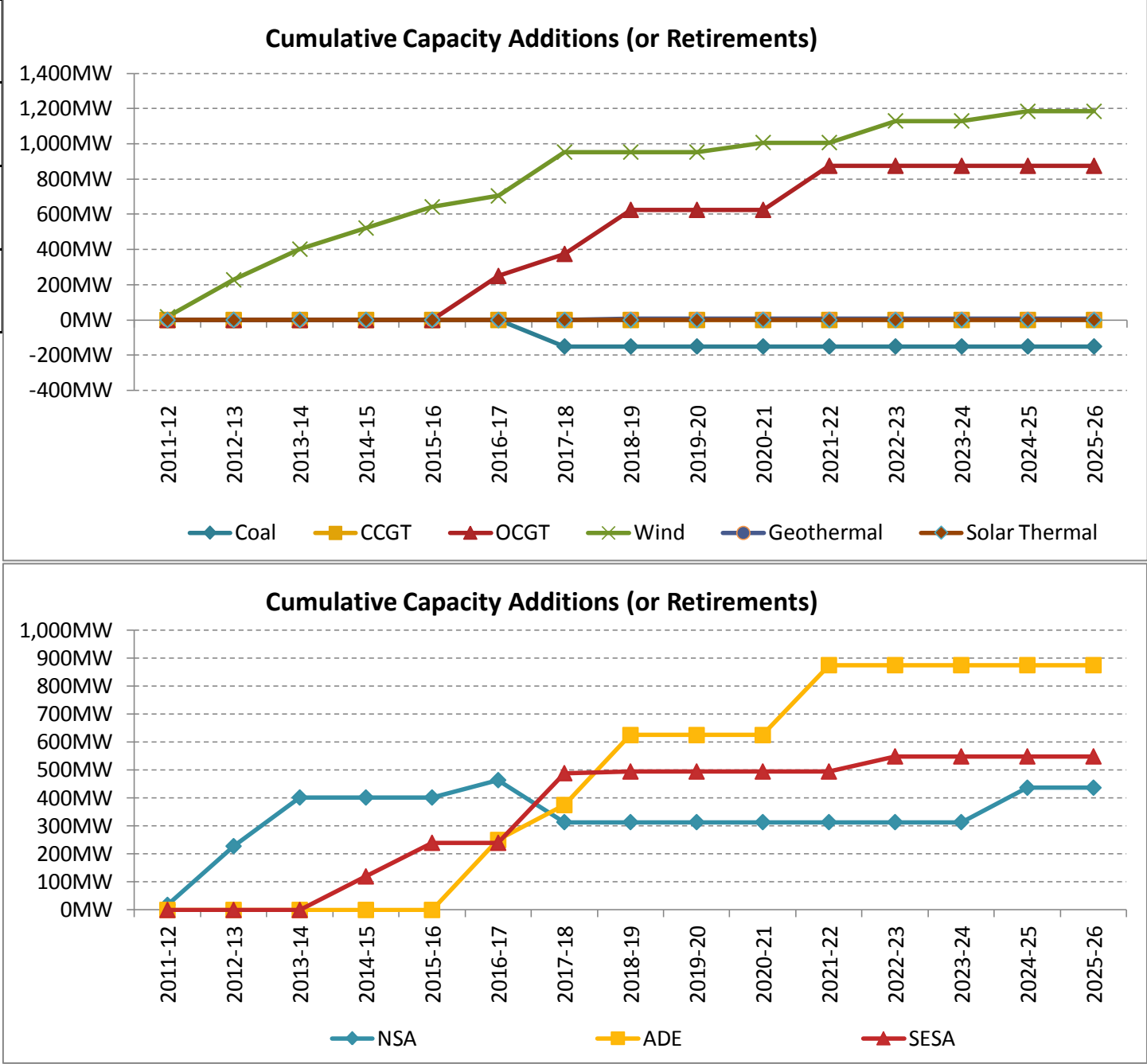
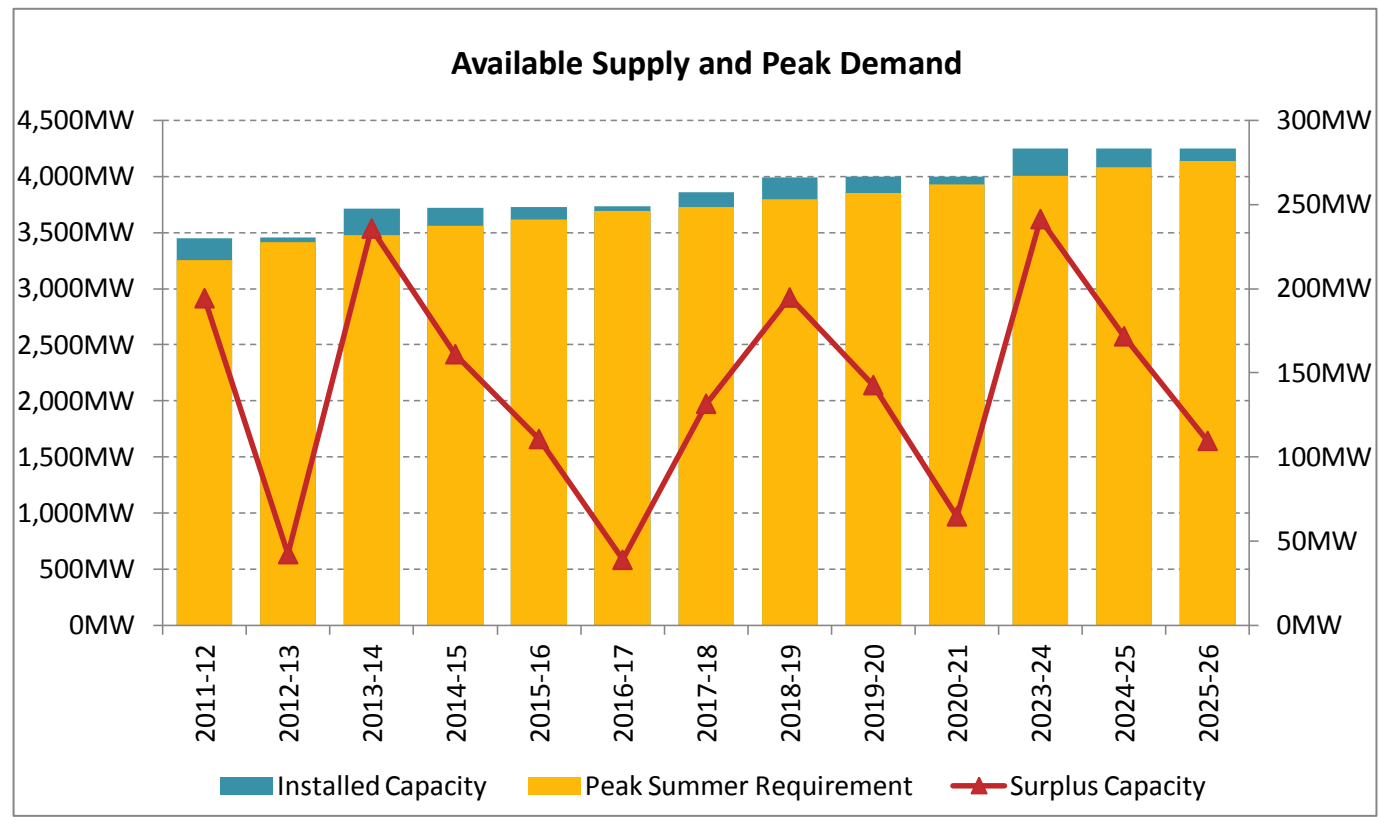


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]), Robertstown (75MW Wind [NSA]),			
2013-14	Mt Bryan (99MW Wind [NSA]),			
2014-15				
2015-16	Barn Hill 2 (62MW Wind [NSA]), Torrens Island C 1 (250MW OCGT [ADE]), Torrens Island C 2 (250MW OCGT [ADE]), Woakwine 1 (120MW Wind [SESA]),			
2016-17	Quarantine 6 (125MW OCGT [ADE]), Allendale (69MW Wind [SESA]), Woakwine 2 (120MW Wind [SESA]),			
2017-18	Pelican Point 2 (320MW OCGT [ADE]), Penola Stage 1 (5.9MW Geothermal [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2018-19	Stony Gap (123MW Wind [NSA]), Kulpara 2 (90MW Wind [NSA]),			
2019-20	Innaminka 1 (0MW Geothermal [NSA]),		Major Transmission Upgrade (VIC-SA 1000MW Bi-directional)	
2020-21	Keyneton (131.1MW Wind [NSA]), Lincoln Gap (177MW Wind [NSA]), Alinta Gas Turbine (300MW OCGT [NSA]),			
2021-22	Crystal Brook (80MW Wind [NSA]), Elliston 1 (16MW Wind [NSA]), Whyalla (28.2MW Solar Thermal [NSA]),			
2022-23	Woakwine 3 (180MW Wind [SESA]), Green Point (54MW Wind [SESA]), Cherokee Stage 3 (250MW OCGT [ADE]),			
2023-24	Kulpara 1 (60MW Wind [NSA]),			
2024-25				
2025-26	Cherokee Stage 4 (250MW OCGT [ADE]),			

Ranking	Outlook Probability
#12 /27	0.9%



Outlook #	Theme:	CPT5	85% theme weighting
4	Carbon Policy Theme:	M	75% theme weighting
	Demand Growth Theme:	None	20% theme weighting
	Sensitivity:	N/A	Base Outlook

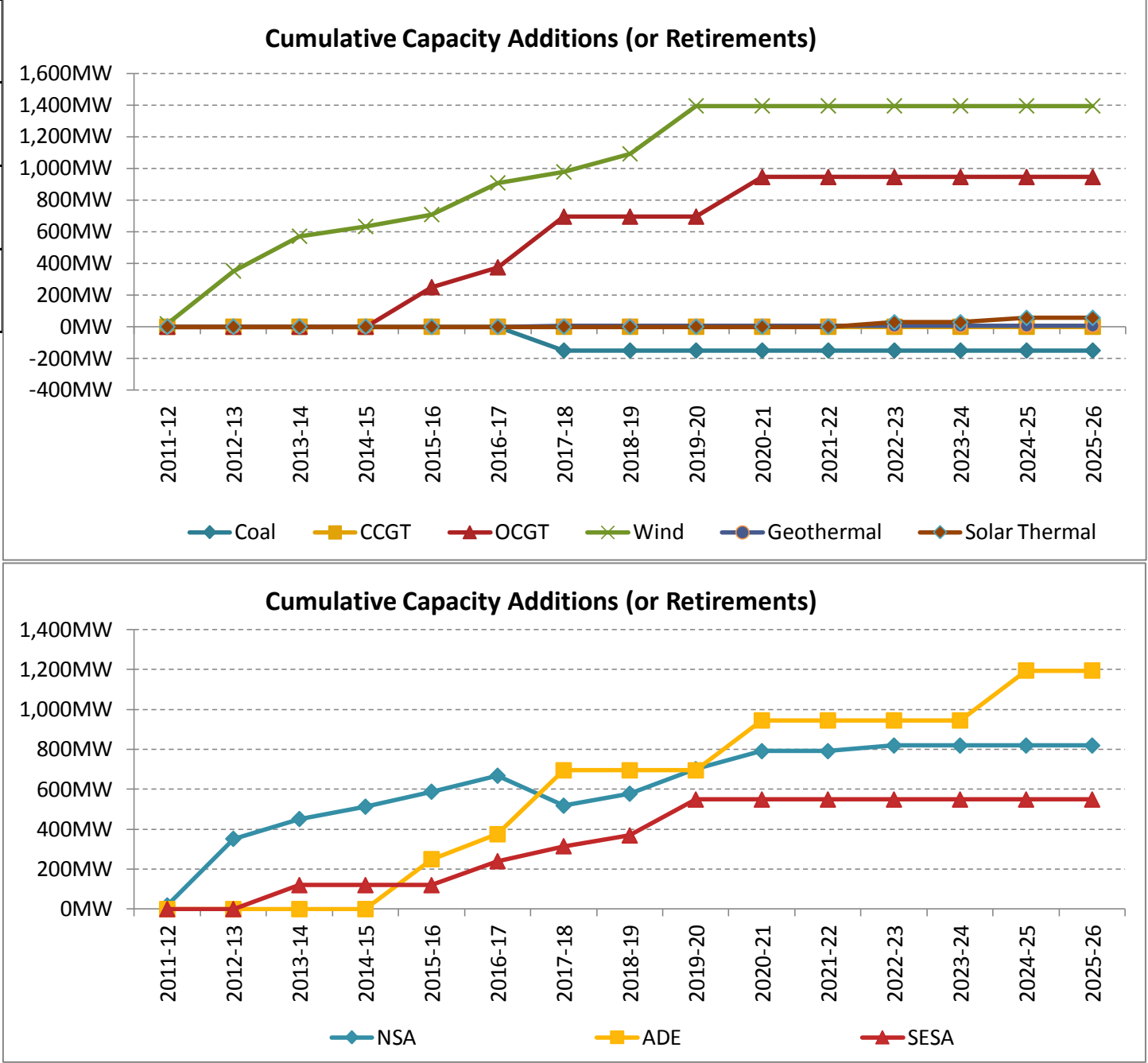
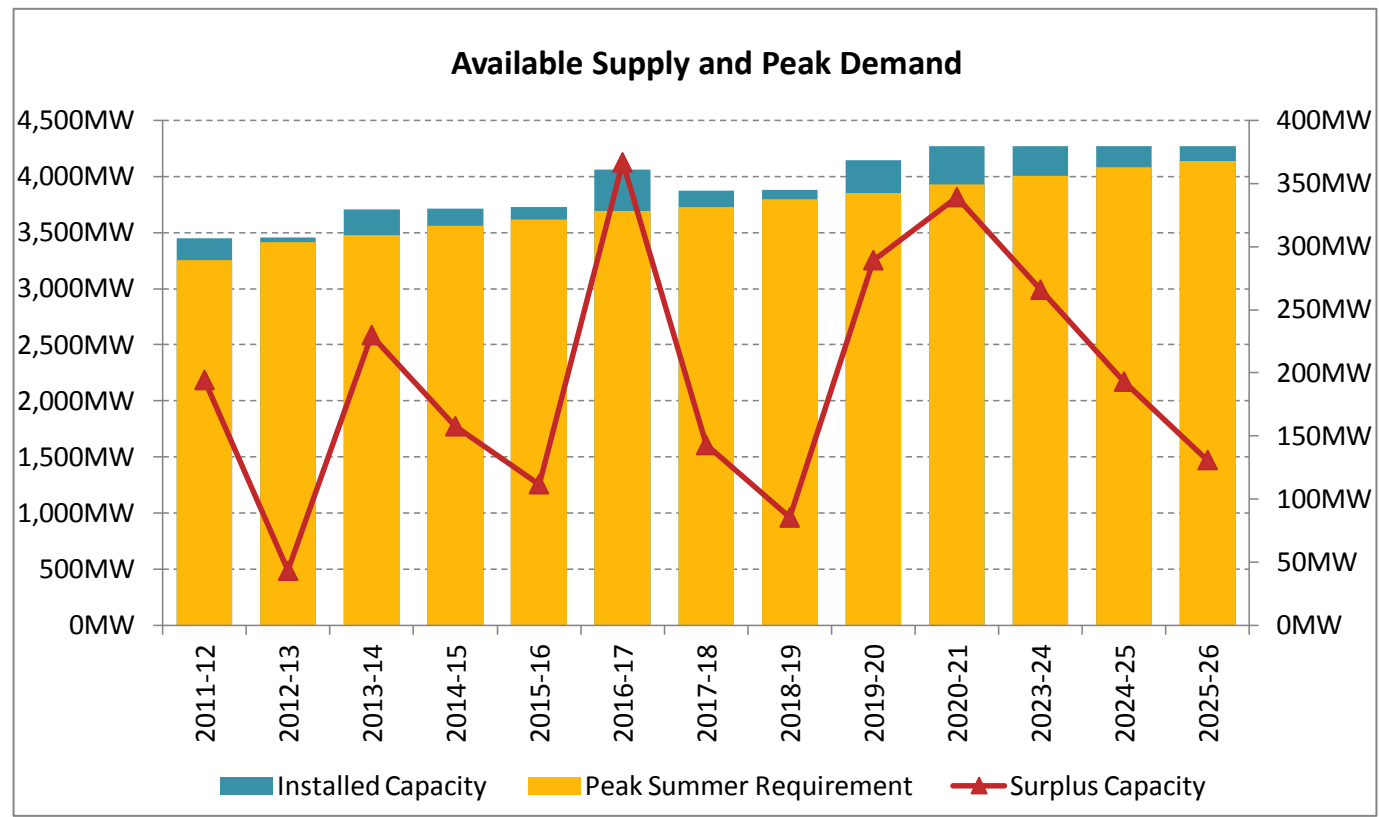


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15	Woakwine 1 (120MW Wind [SESA]),			
2015-16	Woakwine 2 (120MW Wind [SESA]),			
2016-17	Barn Hill 2 (62MW Wind [NSA]), Torrens Island C 2 (250MW OCGT [ADE]),			
2017-18	Quarantine 6 (125MW OCGT [ADE]), Allendale (69MW Wind [SESA]), Woakwine 3 (180MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2018-19	Torrens Island C 1 (250MW OCGT [ADE]), Penola Stage 1 (5.9MW Geothermal [SESA]),			
2019-20	Innaminka 1 (0MW Geothermal [NSA]),			
2020-21				
2021-22	Cherokee Stage 3 (250MW OCGT [ADE]),			
2022-23	Green Point (54MW Wind [SESA]),			
2023-24				
2024-25	Stony Gap (123MW Wind [NSA]),			
2025-26				

Ranking	Outlook Probability
#2 /27	12.8%



Outlook #	Theme:	CPT5	85% theme weighting
5	Carbon Policy Theme:	M	75% theme weighting
	Demand Growth Theme:	Minor	60% theme weighting
	Sensitivity:	N/A	Base Outlook

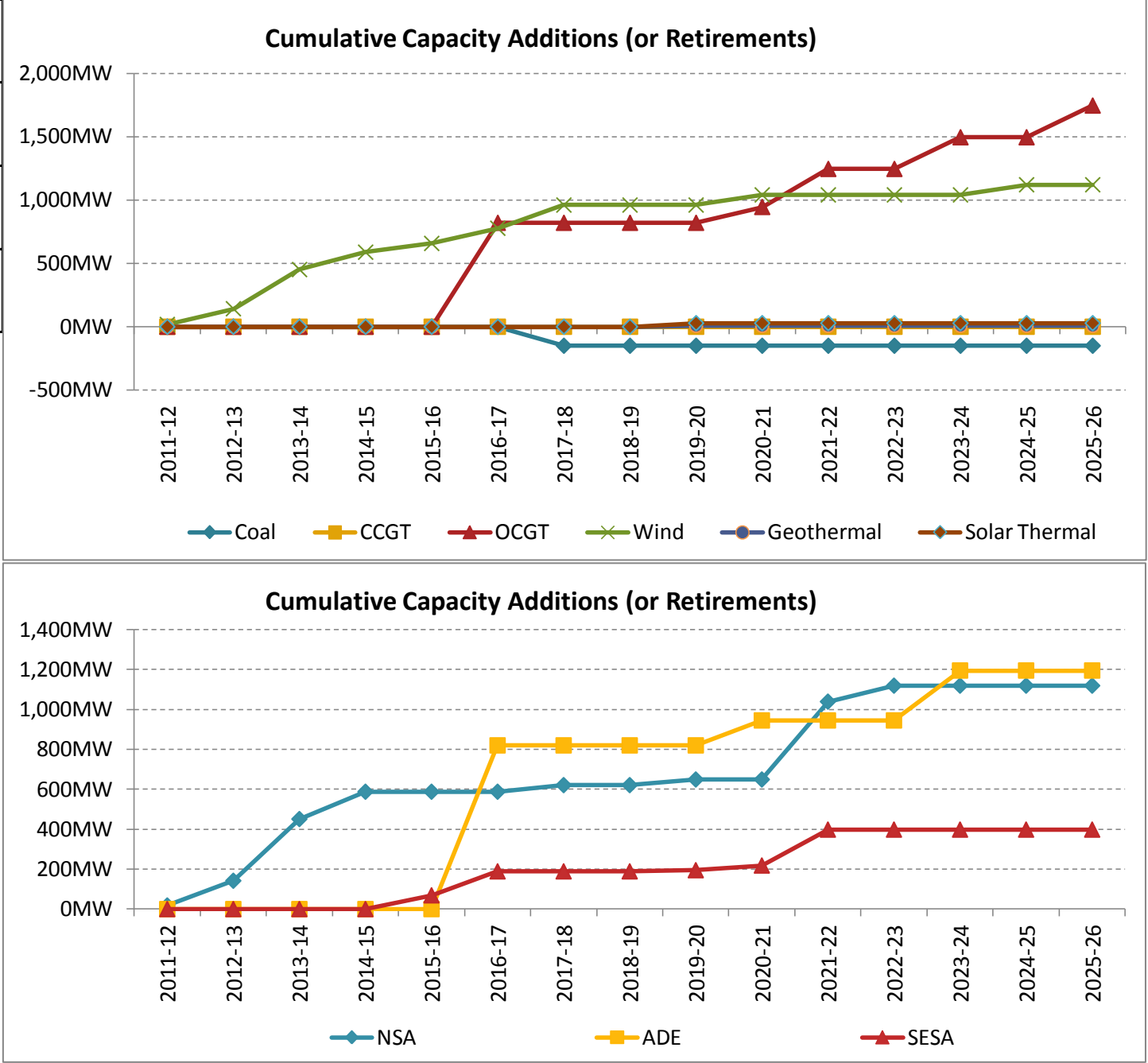
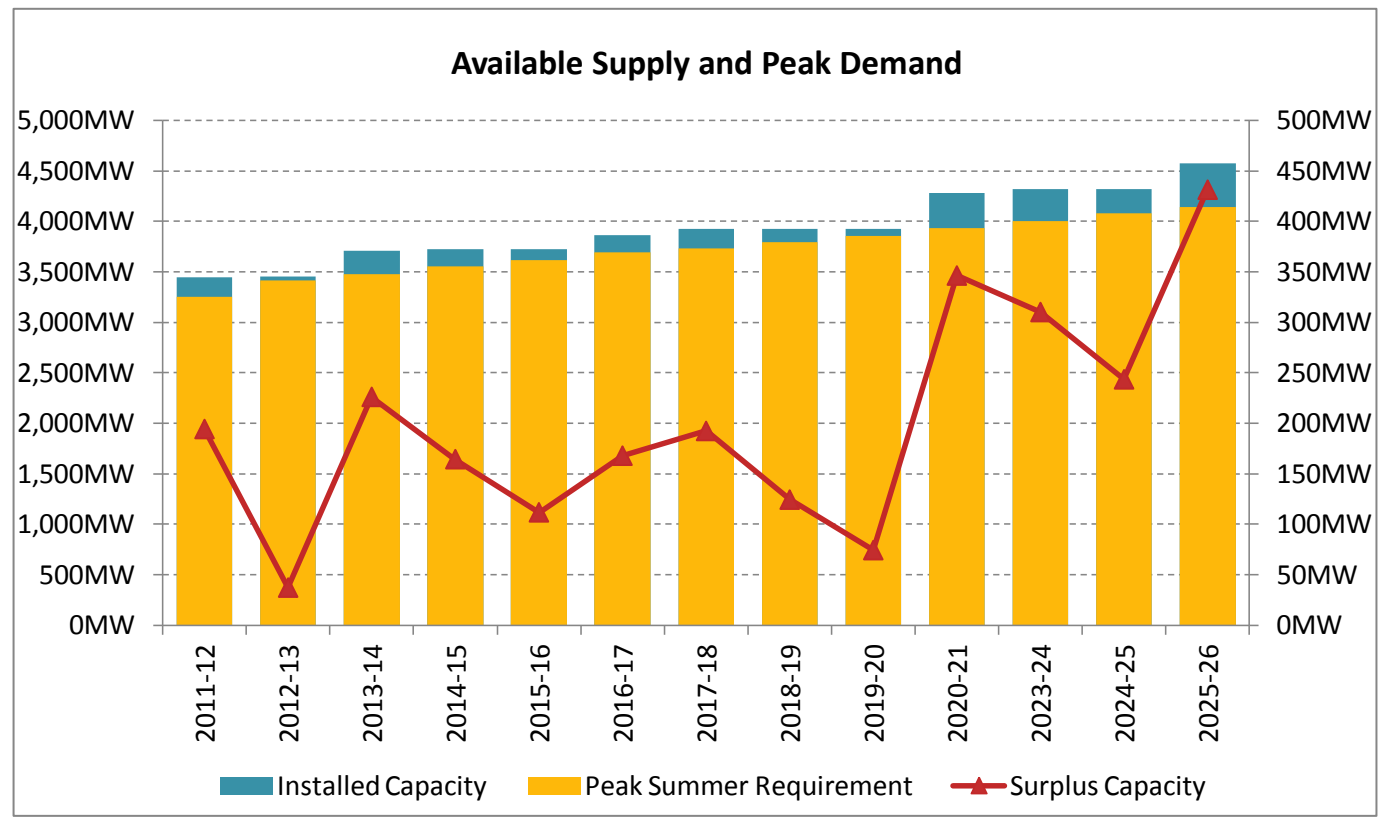


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Mt Bryan (99MW Wind [NSA]), Woakwine 1 (120MW Wind [SESA]),			
2014-15	Barn Hill 2 (62MW Wind [NSA]),			
2015-16	Robertstown (75MW Wind [NSA]), Torrens Island C 2 (250MW OCGT [ADE]),			
2016-17	Quarantine 6 (125MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]), Crystal Brook (80MW Wind [NSA]),			
2017-18	Pelican Point 2 (320MW OCGT [ADE]), Penola Stage 1 (5.9MW Geothermal [SESA]), Allendale (69MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),	Minor Transmission Upgrade (VIC-SA 200MW Bi-directional)	
2018-19	Green Point (54MW Wind [SESA]), Kulpara 1 (60MW Wind [NSA]),			
2019-20	Stony Gap (123MW Wind [NSA]), Innamincka 1 (0MW Geothermal [NSA]), Woakwine 3 (180MW Wind [SESA]),			
2020-21	Torrens Island C 1 (250MW OCGT [ADE]), Kulpara 2 (90MW Wind [NSA]),			
2021-22				
2022-23	Whyalla (28.2MW Solar Thermal [NSA]),			
2023-24				
2024-25	Cherokee Stage 3 (250MW OCGT [ADE]),			
2025-26				

Ranking	Outlook Probability
#1 /27	38.5%



Outlook #	Theme:	CPT5	85% theme weighting
6	Carbon Policy Theme:	M	75% theme weighting
	Demand Growth Theme:	Major	20% theme weighting
	Sensitivity:	N/A	Base Outlook

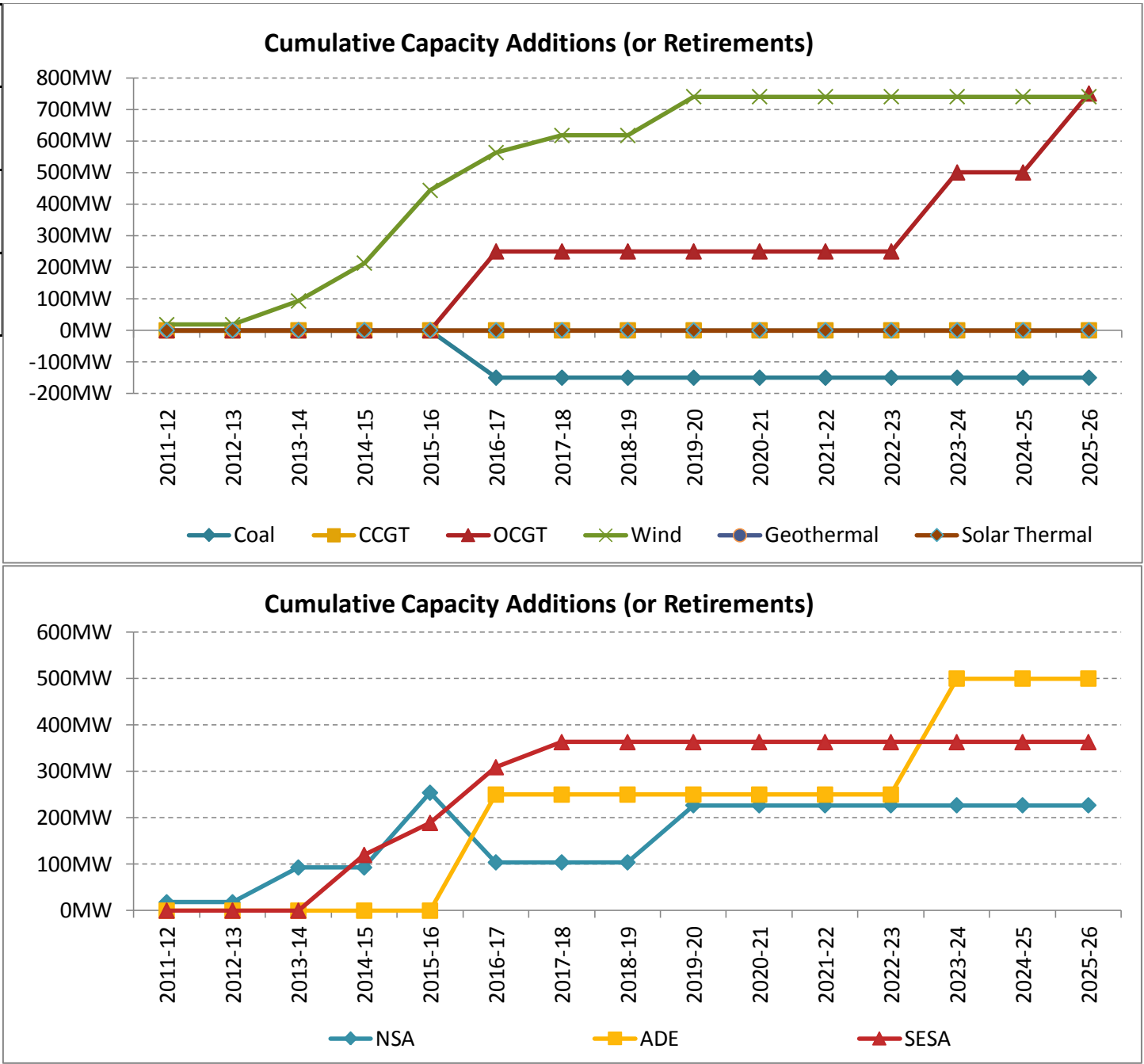
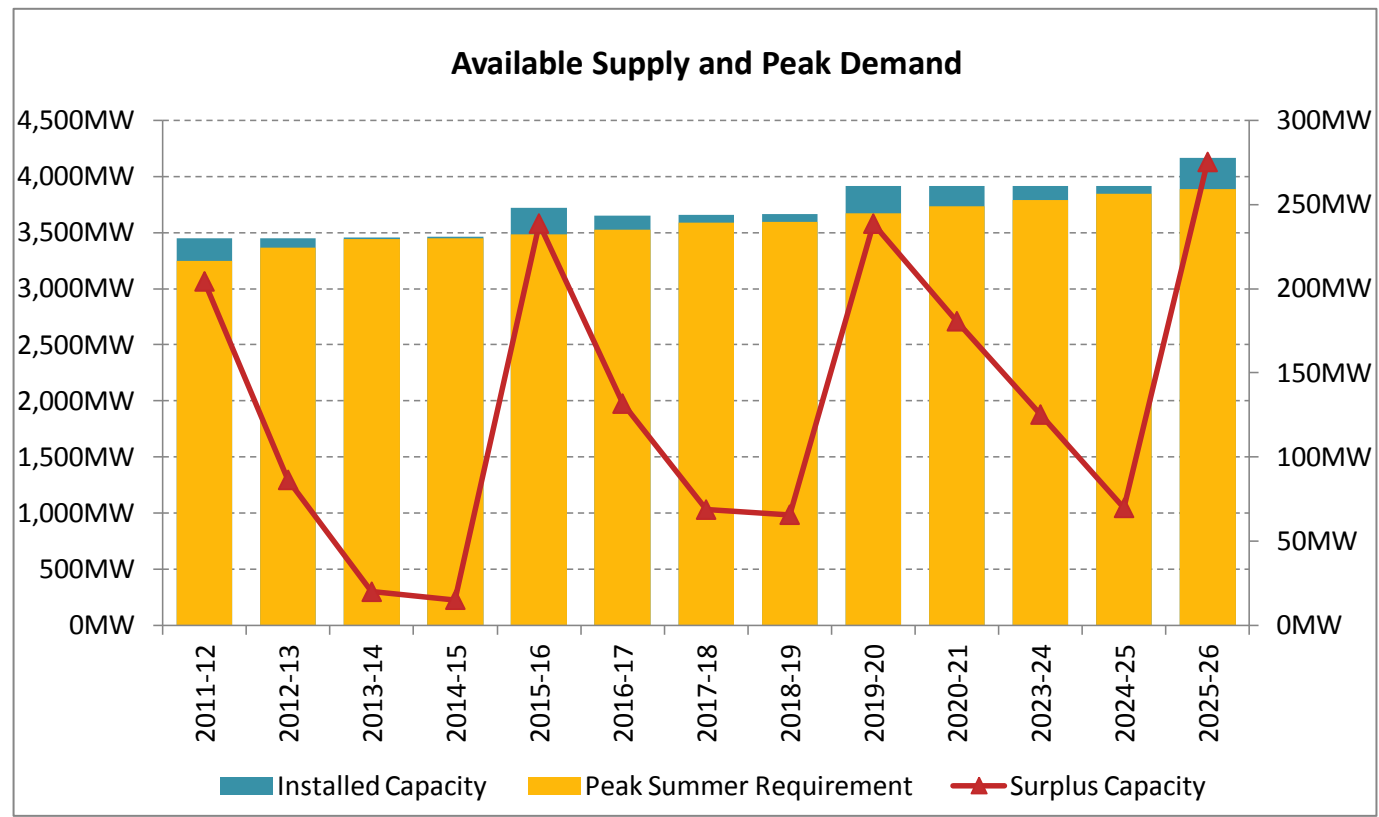


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]),			
2013-14	Snowtown Expansion (210MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15	Barn Hill 2 (62MW Wind [NSA]), Robertstown (75MW Wind [NSA]),			
2015-16	Allendale (69MW Wind [SESA]),			
2016-17	Pelican Point 2 (320MW OCGT [ADE]), Torrens Island C 1 (250MW OCGT [ADE]), Torrens Island C 2 (250MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]),			
2017-18	Stony Gap (123MW Wind [NSA]), Innamincka 1 (0MW Geothermal [NSA]), Kulpara 1 (60MW Wind [NSA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2018-19				
2019-20	Penola Stage 1 (5.9MW Geothermal [SESA]), Whyalla (28.2MW Solar Thermal [NSA]),		Major Transmission Upgrade (VIC-SA 1000MW Bi-directional)	
2020-21	Quarantine 6 (125MW OCGT [ADE]), Penola Stage 2 (23.4MW Geothermal [SESA]),			
2021-22	Woakwine 3 (180MW Wind [SESA]), Kulpara 2 (90MW Wind [NSA]), Alinta Gas Turbine (300MW OCGT [NSA]),			
2022-23	Crystal Brook (80MW Wind [NSA]),			
2023-24	Cherokee Stage 3 (250MW OCGT [ADE]),			
2024-25				
2025-26				

Ranking	Outlook Probability
#2 /27	12.8%



Outlook #	Theme:	CPT5	85% theme weighting
7	Carbon Policy Theme:	L	20% theme weighting
	Demand Growth Theme:	None	20% theme weighting
	Sensitivity:	N/A	Base Outlook

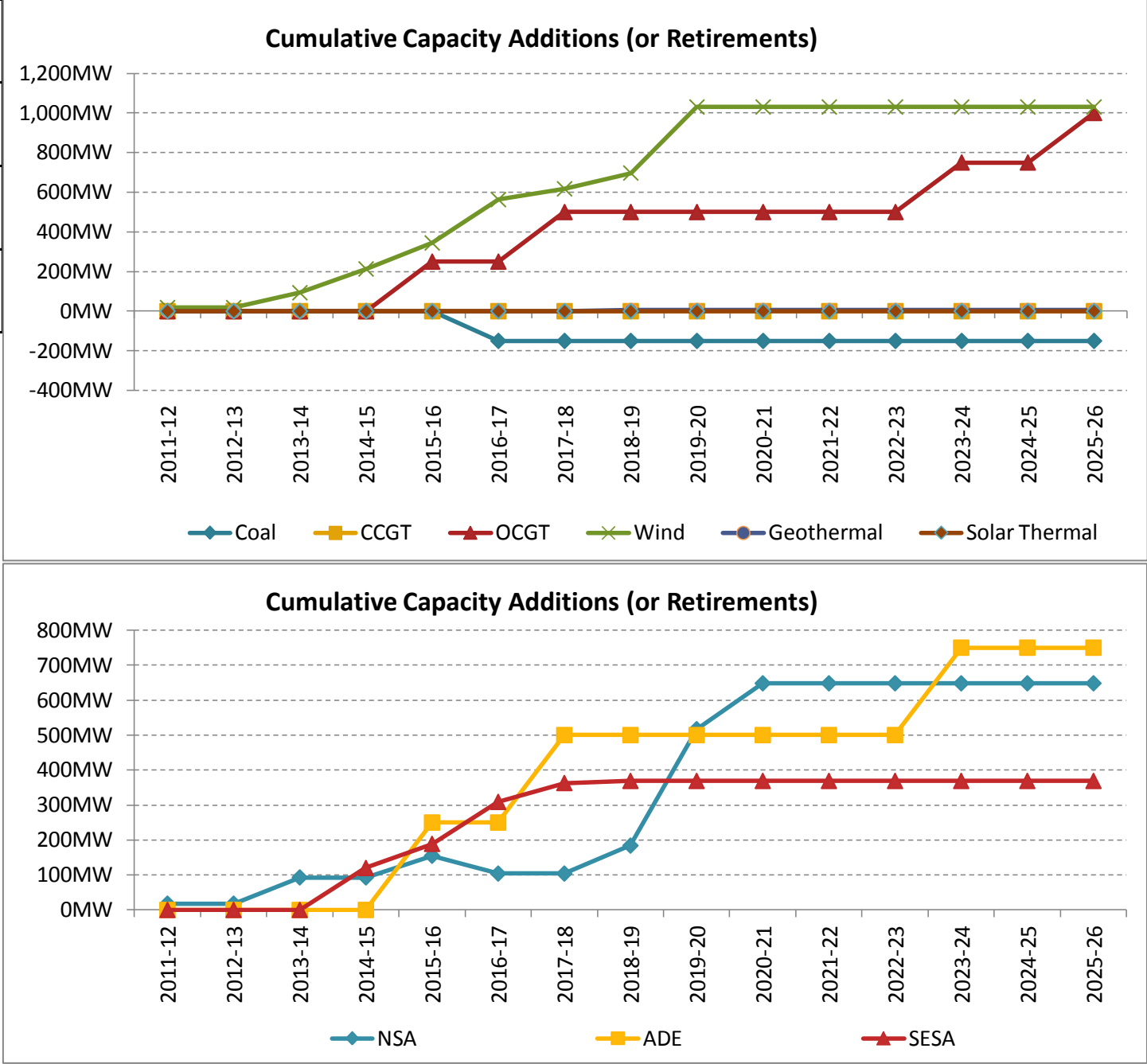
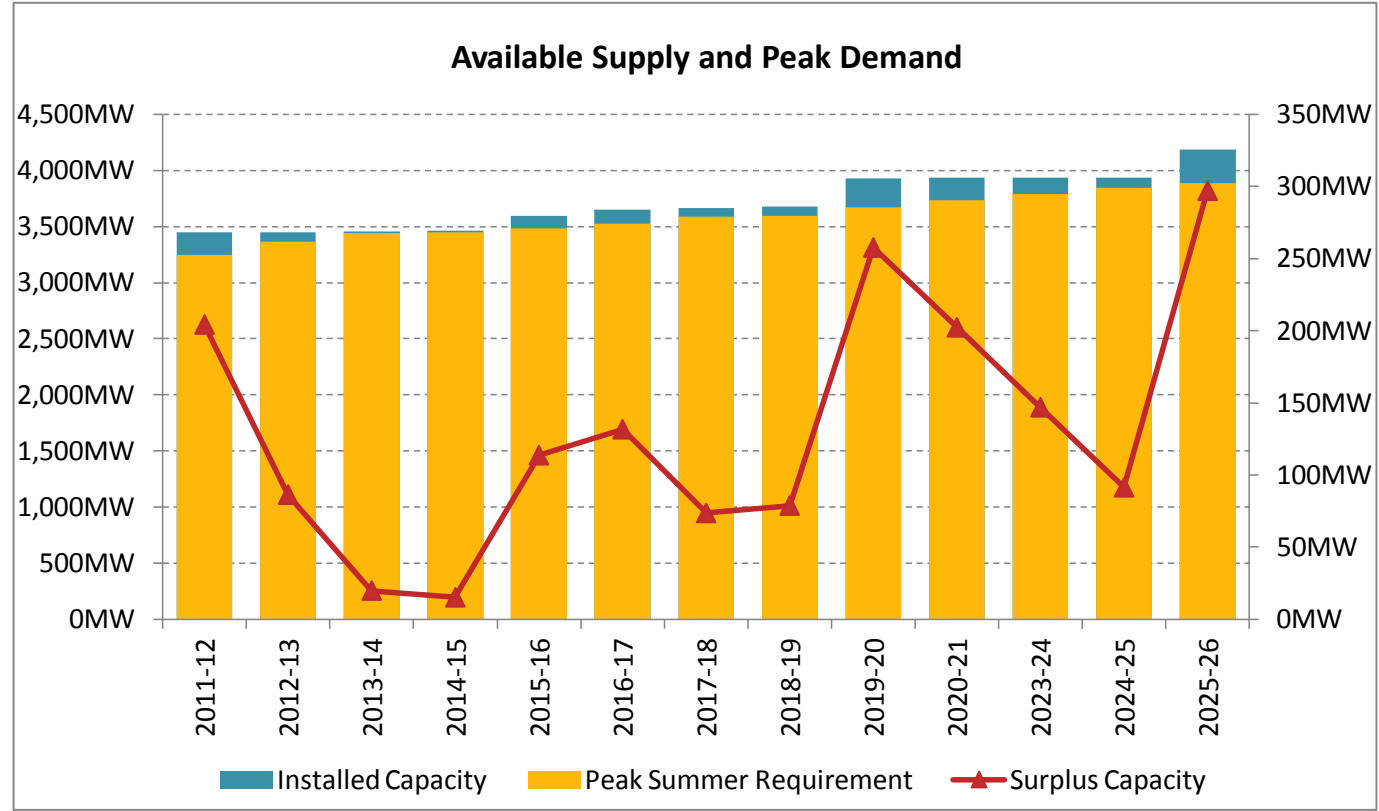


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13				
2013-14	Robertstown (75MW Wind [NSA]),			
2014-15	Woakwine 1 (120MW Wind [SESA]),			
2015-16	Barn Hill 2 (62MW Wind [NSA]), Allendale (69MW Wind [SESA]), Mt Bryan (99MW Wind [NSA]),			
2016-17	Torrens Island C 1 (250MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18	Green Point (54MW Wind [SESA]),			
2018-19	Innamincka 1 (0MW Geothermal [NSA]),			
2019-20	Stony Gap (123MW Wind [NSA]),			
2020-21				
2021-22				
2022-23				
2023-24	Cherokee Stage 3 (250MW OCGT [ADE]),			
2024-25				
2025-26				

Ranking	Outlook Probability
#7 /27	3.4%



Outlook #	Theme:	CPT5	85% theme weighting
8	Carbon Policy Theme:	L	20% theme weighting
	Demand Growth Theme:	Minor	60% theme weighting
	Sensitivity:	N/A	Base Outlook

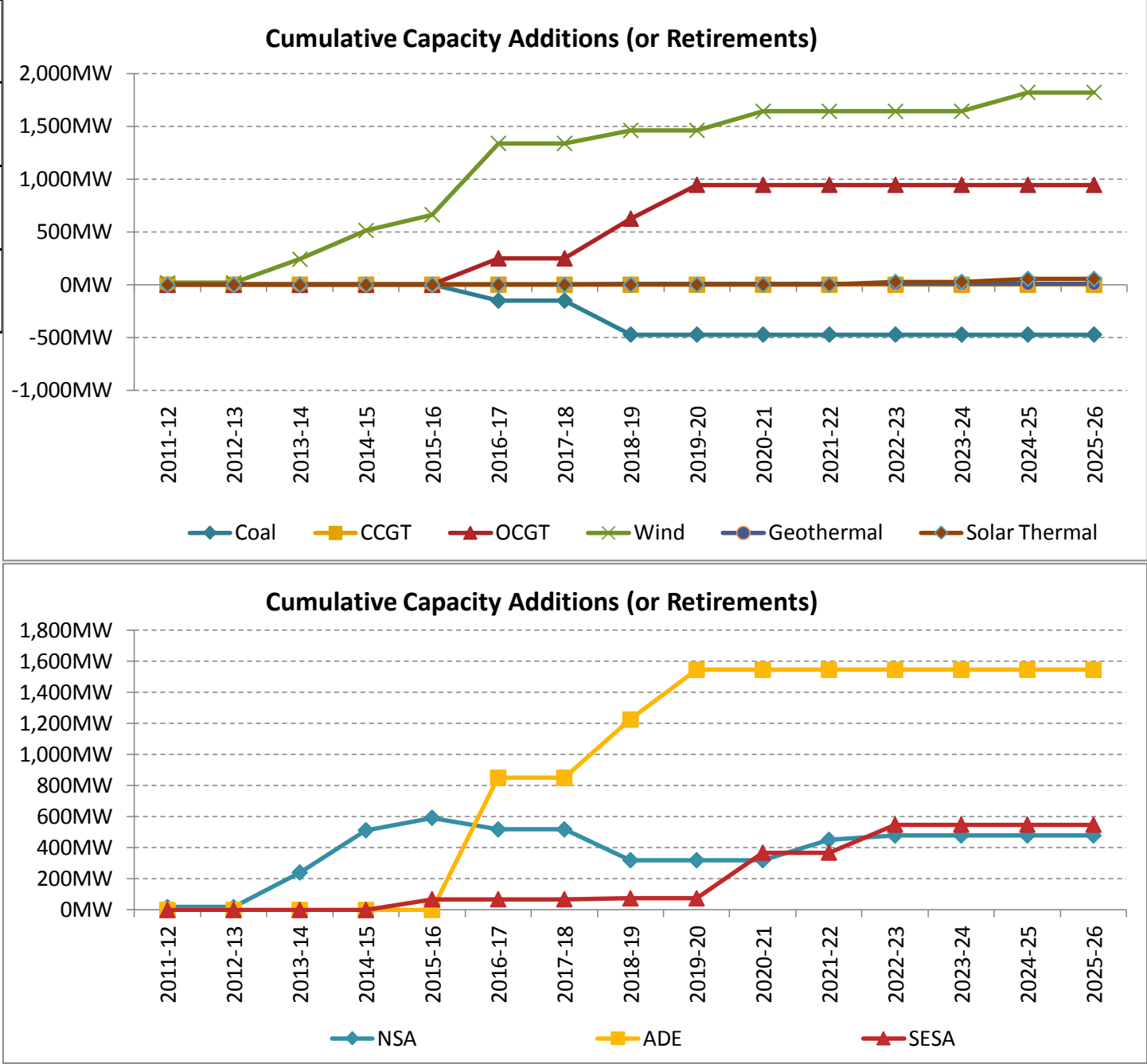
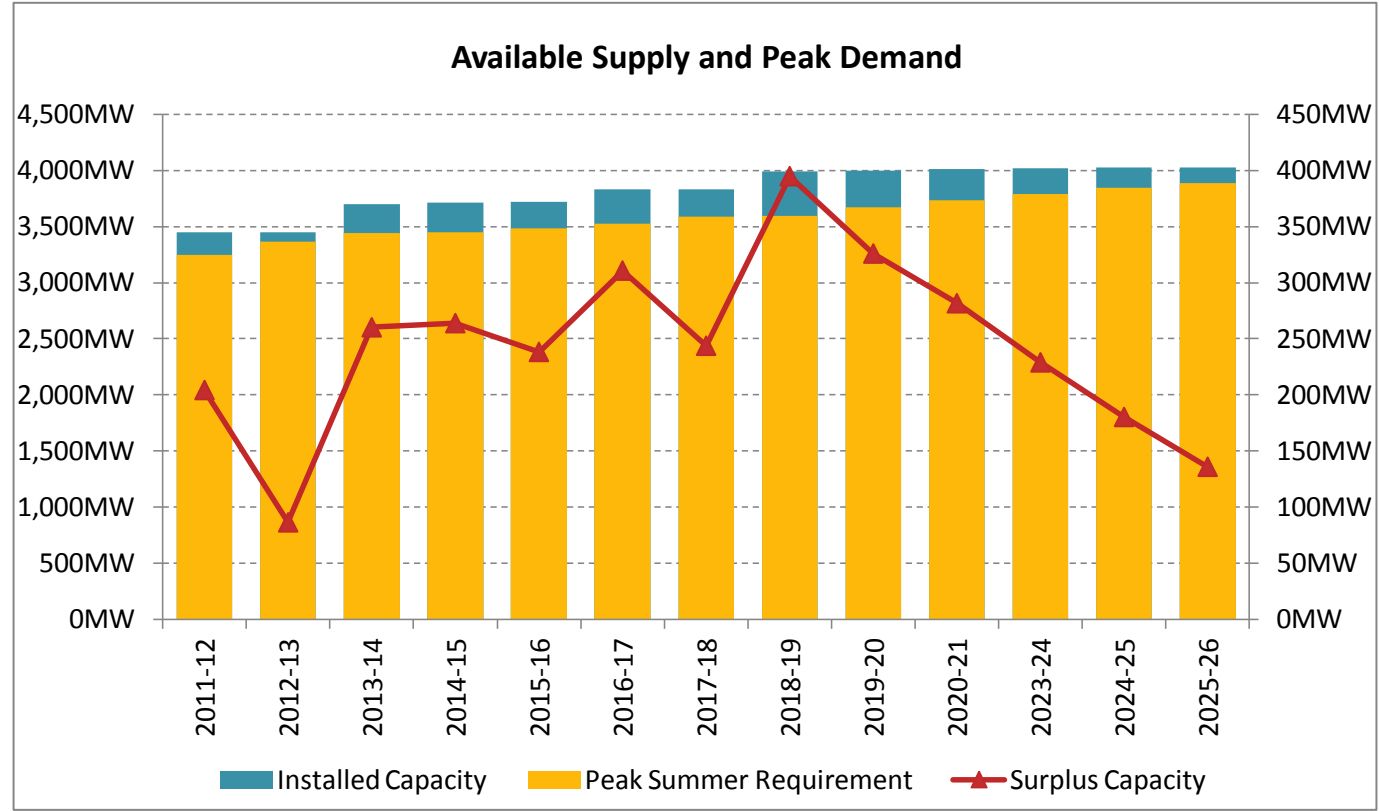


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13				
2013-14	Robertstown (75MW Wind [NSA]),			
2014-15	Woakwine 1 (120MW Wind [SESA]),			
2015-16	Barn Hill 2 (62MW Wind [NSA]), Torrens Island C 1 (250MW OCGT [ADE]), Allendale (69MW Wind [SESA]),			
2016-17	Mt Bryan (99MW Wind [NSA]), Woakwine 2 (120MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18	Innaminka 1 (0MW Geothermal [NSA]), Torrens Island C 2 (250MW OCGT [ADE]), Green Point (54MW Wind [SESA]),		Minor Transmission Upgrade (VIC-SA 200MW Bi-directional)	
2018-19	Penola Stage 1 (5.9MW Geothermal [SESA]), Crystal Brook (80MW Wind [NSA]),			
2019-20	Stony Gap (123MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2020-21	Keyneton (131.1MW Wind [NSA]),			
2021-22				
2022-23				
2023-24	Cherokee Stage 3 (250MW OCGT [ADE]),			
2024-25				
2025-26				

Ranking	Outlook Probability
#4 /27	10.3%



Outlook #	Theme:	CPT5	85% theme weighting
9	Carbon Policy Theme:	L	20% theme weighting
	Demand Growth Theme:	Major	20% theme weighting
	Sensitivity:	N/A	Base Outlook

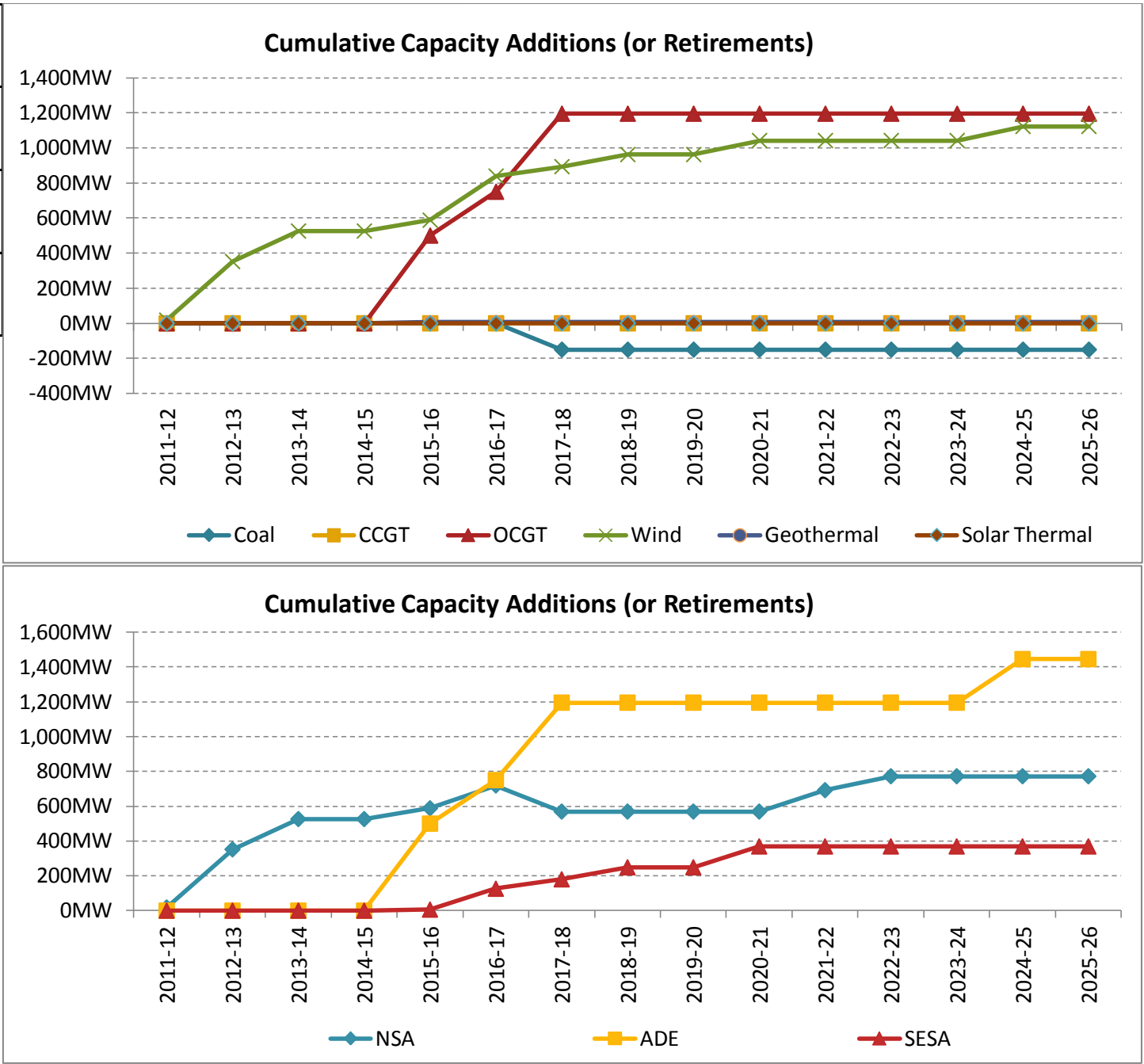
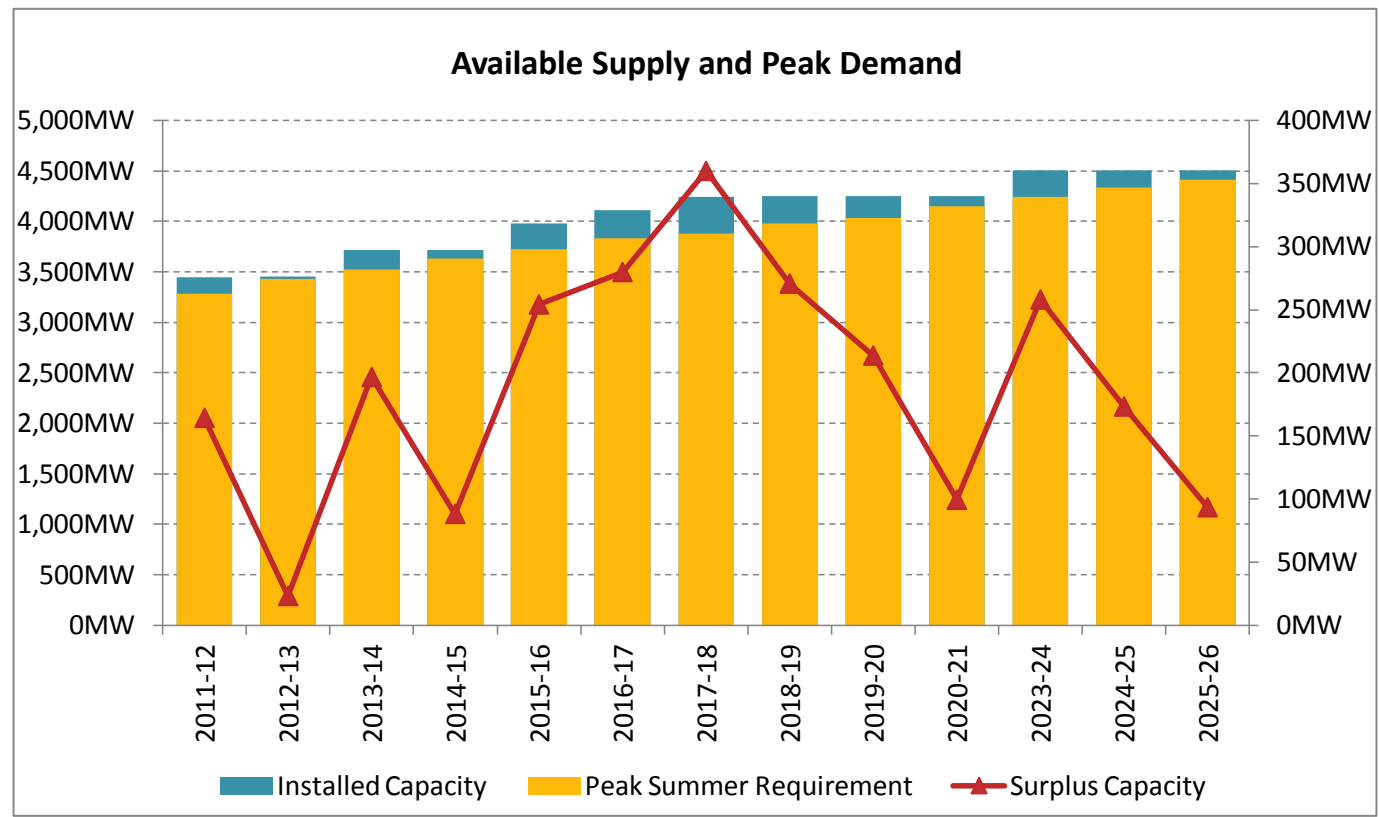


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13				
2013-14	Barn Hill 1 (124MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15	Barn Hill 2 (62MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2015-16	Allendale (69MW Wind [SESA]), Crystal Brook (80MW Wind [NSA]),			
2016-17	Robertstown (75MW Wind [NSA]), Torrens Island C 2 (250MW OCGT [ADE]), Ceres Wind (600MW Wind [ADE]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18				
2018-19	Quarantine 6 (125MW OCGT [ADE]), Torrens Island C 1 (250MW OCGT [ADE]), Stony Gap (123MW Wind [NSA]), Penola Stage 1 (5.9MW Geothermal [SESA]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),		
2019-20	Pelican Point 2 (320MW OCGT [ADE]), Innamincka 1 (0MW Geothermal [NSA]),		Major Transmission Upgrade (VIC-SA 1000MW Bi-directional)	
2020-21	Woakwine 1 (120MW Wind [SESA]), Woakwine 2 (120MW Wind [SESA]), Green Point (54MW Wind [SESA]),			
2021-22	Keyneton (131.1MW Wind [NSA]),			
2022-23	Woakwine 3 (180MW Wind [SESA]), Whyalla (28.2MW Solar Thermal [NSA]),			
2023-24				
2024-25				
2025-26				

Ranking	Outlook Probability
#7 /27	3.4%



Outlook #	Theme:	CPT25	15% theme weighting
10	Carbon Policy Theme:	H	3% theme weighting
	Demand Growth Theme:	None	5% theme weighting
	Sensitivity:	N/A	Base Outlook

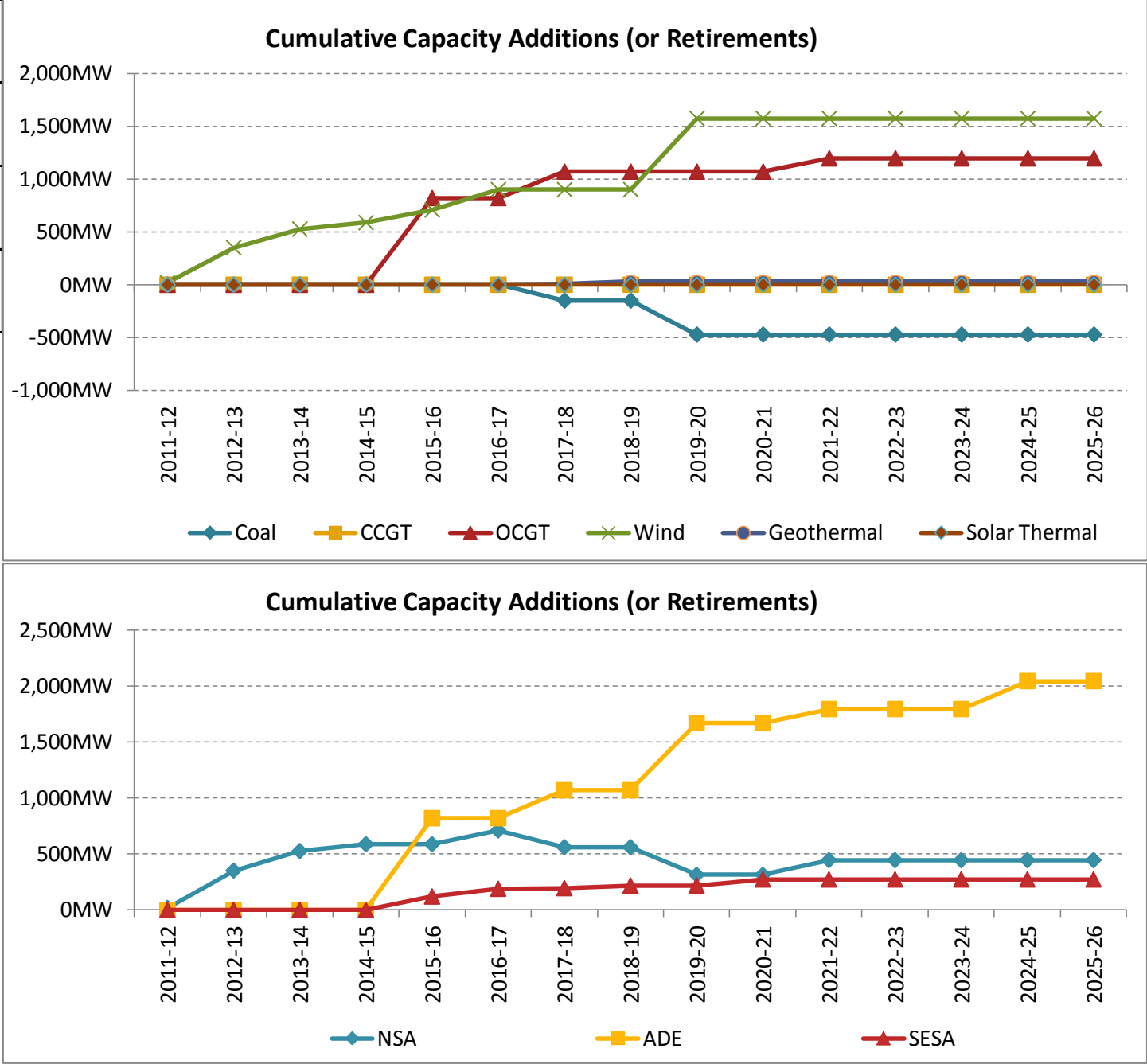
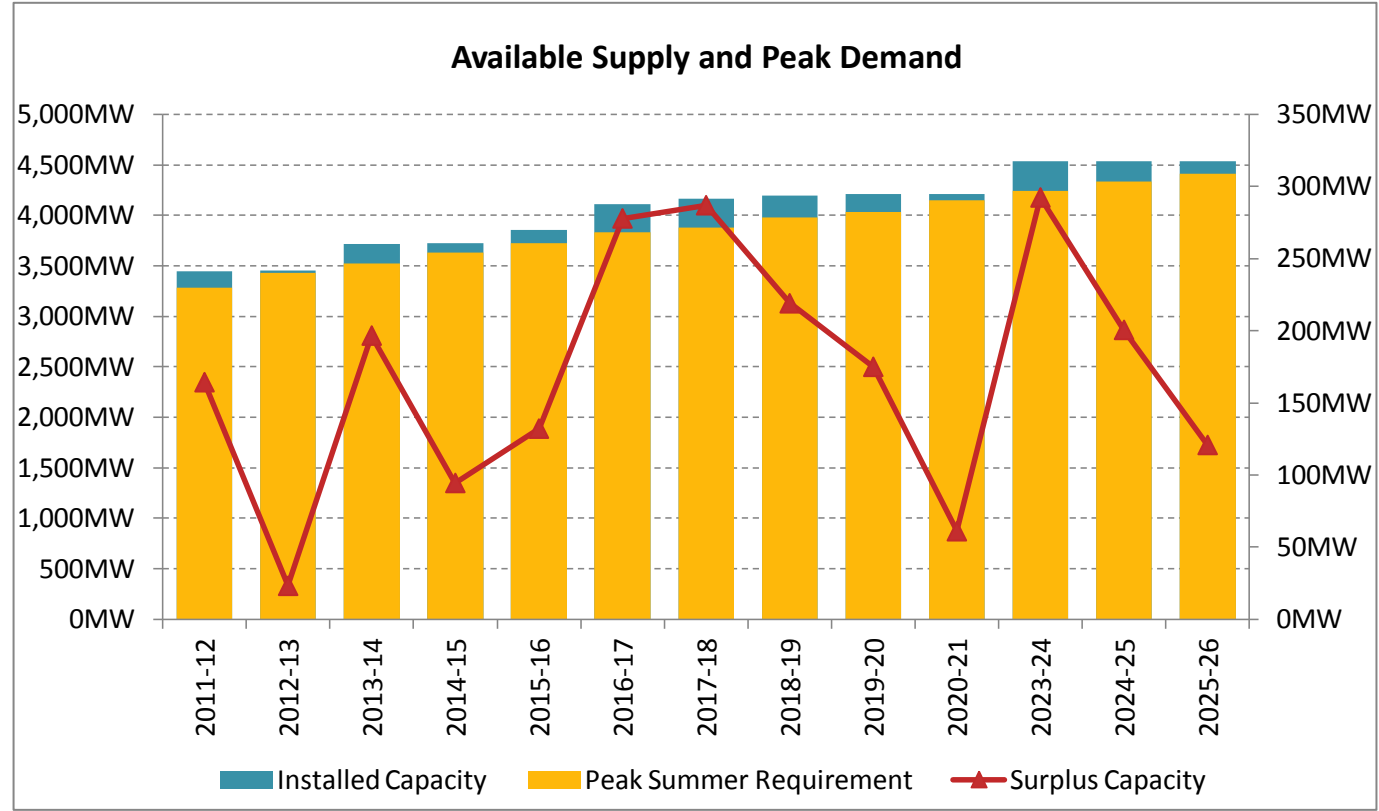


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15				
2015-16	Barn Hill 2 (62MW Wind [NSA]), Penola Stage 1 (5.9MW Geothermal [SESA]), Torrens Island C 2 (250MW OCGT [ADE]), Cherokee Stage 3 (250MW OCGT [ADE]),			
2016-17	Torrens Island C 1 (250MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]), Keyneton (131.1MW Wind [NSA]),			
2017-18	Pelican Point 2 (320MW OCGT [ADE]), Quarantine 6 (125MW OCGT [ADE]), Green Point (54MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2018-19	Allendale (69MW Wind [SESA]), Innamincka 1 (0MW Geothermal [NSA]),			
2019-20				
2020-21	Woakwine 1 (120MW Wind [SESA]),			
2021-22	Stony Gap (123MW Wind [NSA]),			
2022-23	Crystal Brook (80MW Wind [NSA]),			
2023-24				
2024-25	Cherokee Stage 4 (250MW OCGT [ADE]),			
2025-26				

Ranking	Outlook Probability
#18 /27	0.0%



Outlook #	Theme:	CPT25	15% theme weighting
11	Carbon Policy Theme:	H	3% theme weighting
	Demand Growth Theme:	Minor	60% theme weighting
	Sensitivity:	N/A	Base Outlook

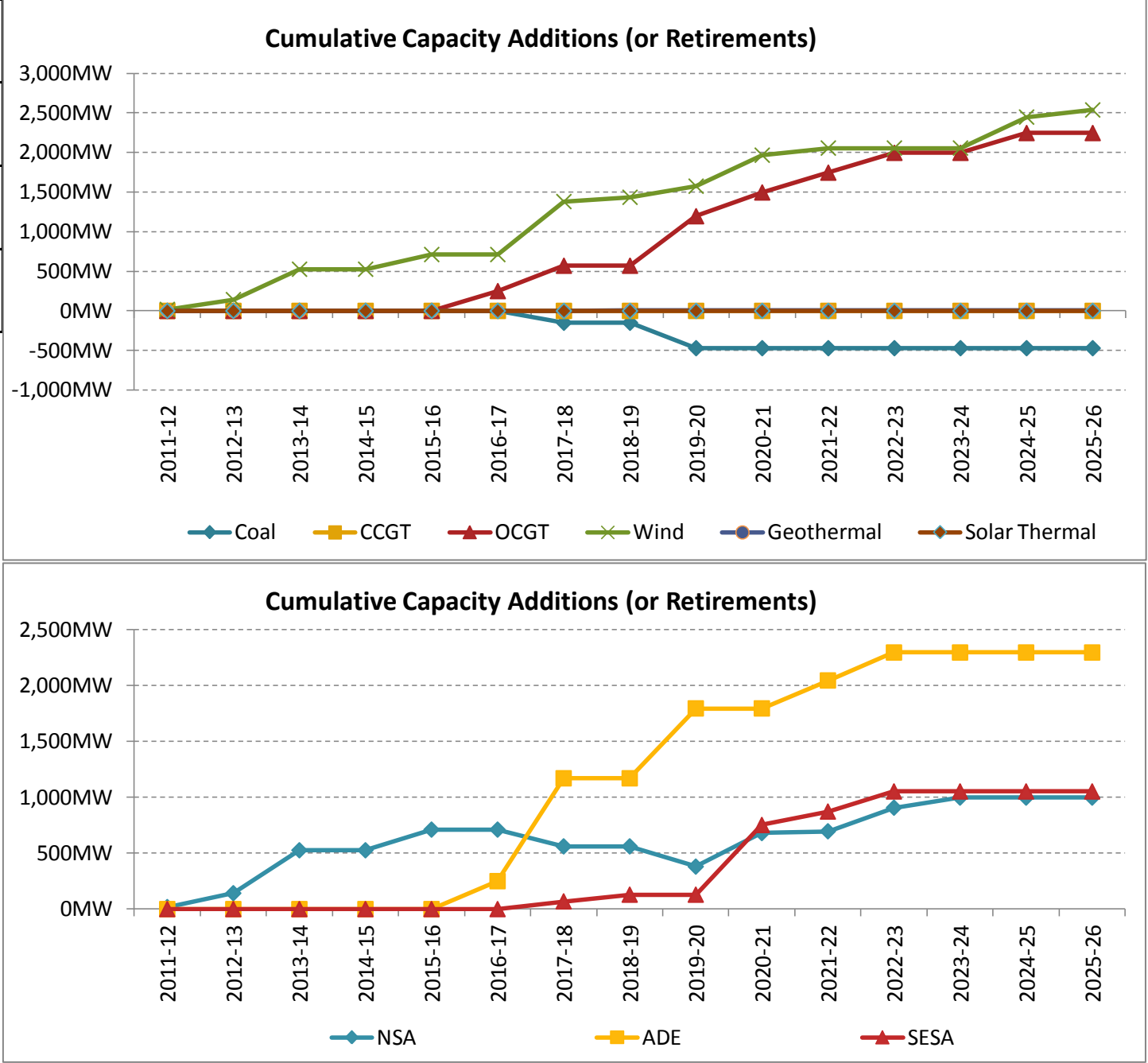
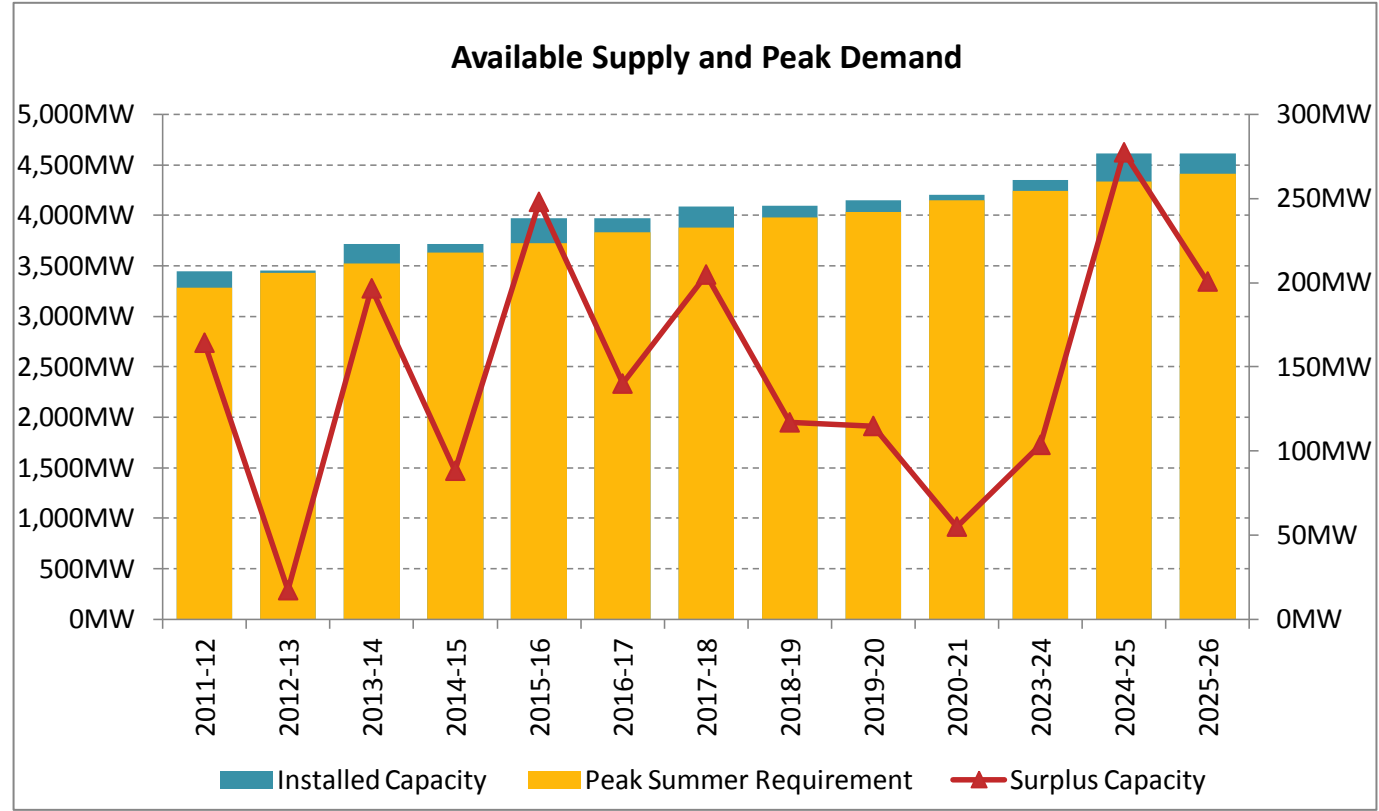


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15	Barn Hill 2 (62MW Wind [NSA]),			
2015-16	Pelican Point 2 (320MW OCGT [ADE]), Torrens Island C 1 (250MW OCGT [ADE]), Torrens Island C 2 (250MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]),			
2016-17	Stony Gap (123MW Wind [NSA]), Allendale (69MW Wind [SESA]),			
2017-18	Penola Stage 1 (5.9MW Geothermal [SESA]), Torrens Island C 3 (250MW OCGT [ADE]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),	Minor Transmission Upgrade (VIC-SA 200MW Bi-directional)	
2018-19	Penola Stage 2 (23.4MW Geothermal [SESA]),			
2019-20	Innaminka 1 (0MW Geothermal [NSA]), Willogeleche (74MW Wind [NSA]), Ceres Wind (600MW Wind [ADE]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),		
2020-21	Green Point (54MW Wind [SESA]),			
2021-22	Quarantine 6 (125MW OCGT [ADE]), Keyneton (131.1MW Wind [NSA]),			
2022-23				
2023-24				
2024-25	Cherokee Stage 3 (250MW OCGT [ADE]),			
2025-26				

Ranking	Outlook Probability
#14 /27	0.2%



Outlook #	Theme:	CPT25	15% theme weighting
12	Carbon Policy Theme:	H	3% theme weighting
	Demand Growth Theme:	Major	35% theme weighting
	Sensitivity:	N/A	Base Outlook

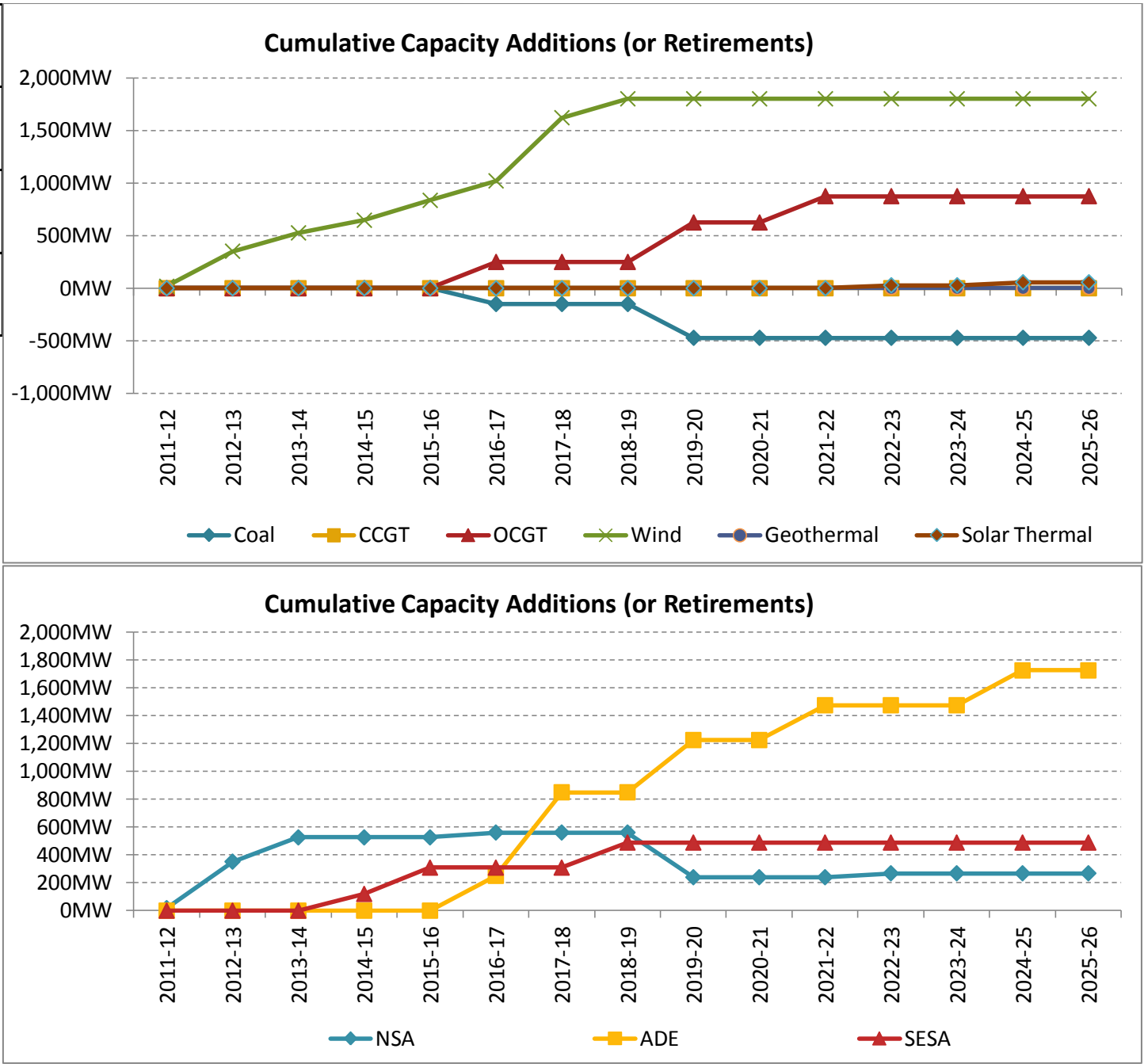
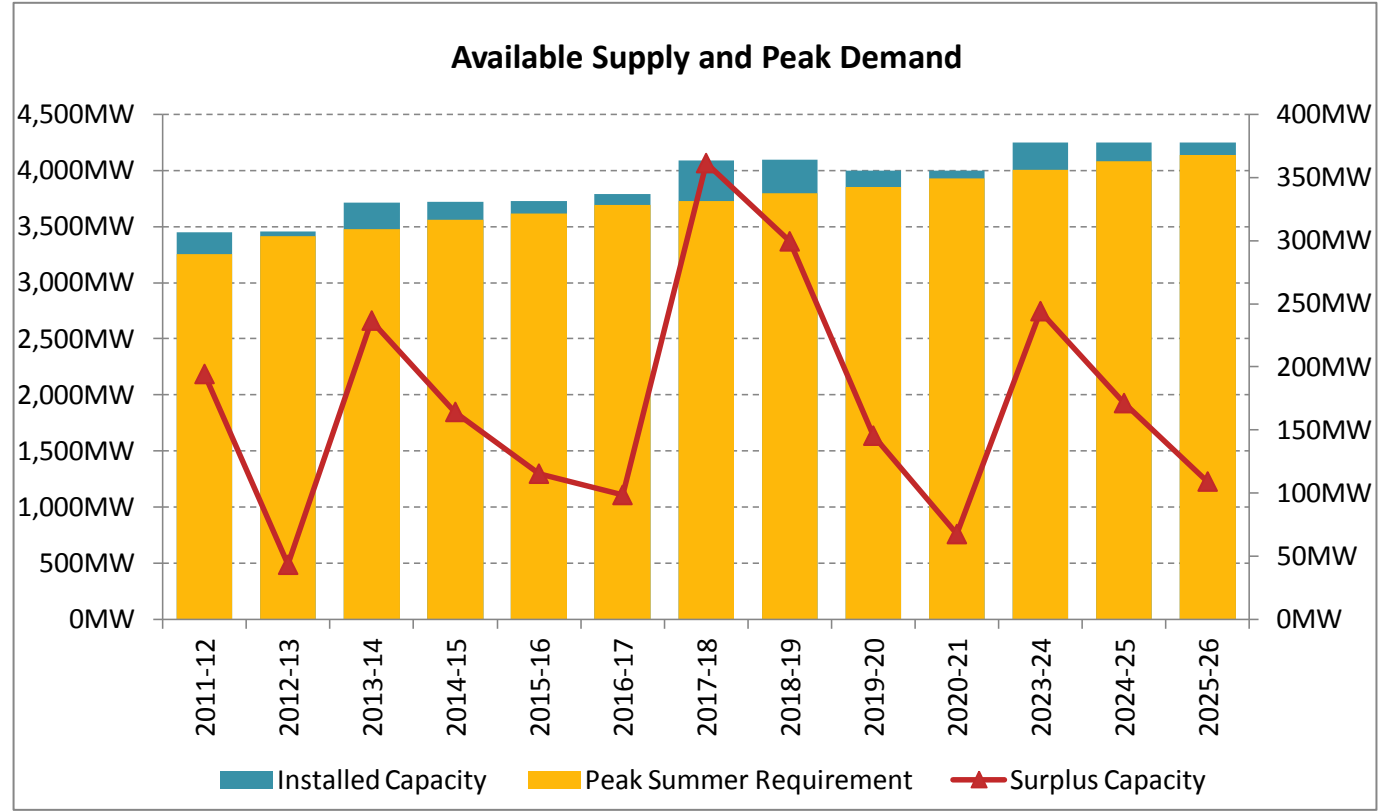


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]),			
2013-14	Snowtown Expansion (210MW Wind [NSA]), Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15				
2015-16	Barn Hill 2 (62MW Wind [NSA]), Stony Gap (123MW Wind [NSA]),			
2016-17	Torrens Island C 2 (250MW OCGT [ADE]),			
2017-18	Pelican Point 2 (320MW OCGT [ADE]), Allendale (69MW Wind [SESA]), Innamincka 1 (0MW Geothermal [NSA]), Ceres Wind (600MW Wind [ADE]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2018-19	Penola Stage 1 (5.9MW Geothermal [SESA]), Green Point (54MW Wind [SESA]),			
2019-20	Quarantine 6 (125MW OCGT [ADE]), Cherokee Stage 1 (250MW OCGT [ADE]), Carmodys Hill (140MW Wind [NSA]), Cherokee Stage 3 (250MW OCGT [ADE]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),	Major Transmission Upgrade (VIC-SA 1000MW Bi-directional)	
2020-21	Robe (600MW Wind [SESA]), Penola Stage 2 (23.4MW Geothermal [SESA]), Alinta Gas Turbine (300MW OCGT [NSA]),			
2021-22	Torrens Island C 1 (250MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]), Elliston 1 (16MW Wind [NSA]),			
2022-23	Woakwine 3 (180MW Wind [SESA]), Crystal Brook (80MW Wind [NSA]), Keyneton (131.1MW Wind [NSA]), Cherokee Stage 4 (250MW OCGT [ADE]),			
2023-24	Kulpara 2 (90MW Wind [NSA]),			
2024-25				
2025-26				

Ranking	Outlook Probability
#16 /27	0.1%



Outlook #	Theme:	CPT25	15% theme weighting
13	Carbon Policy Theme:	M	68% theme weighting
	Demand Growth Theme:	None	5% theme weighting
	Sensitivity:	N/A	Base Outlook

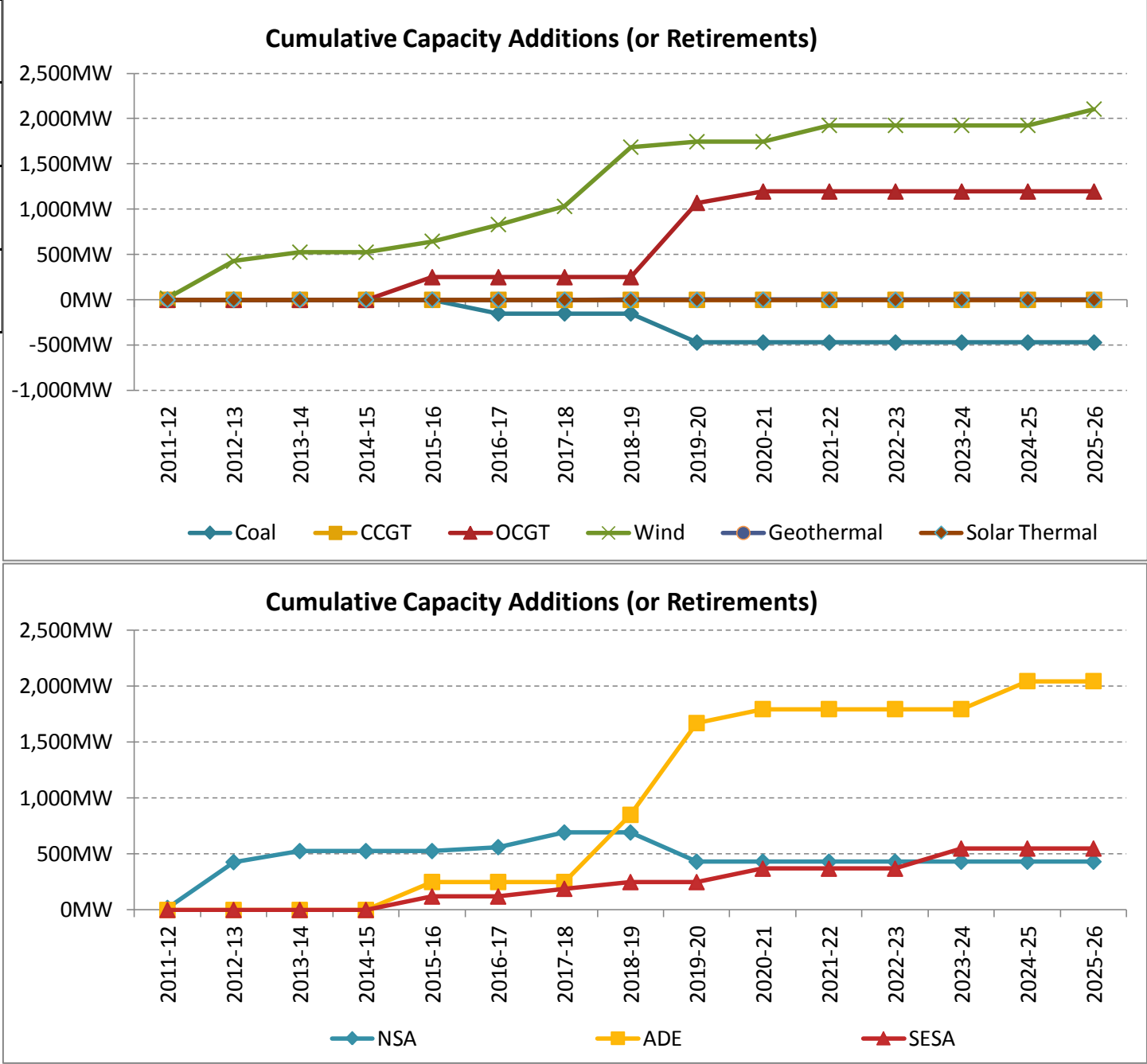
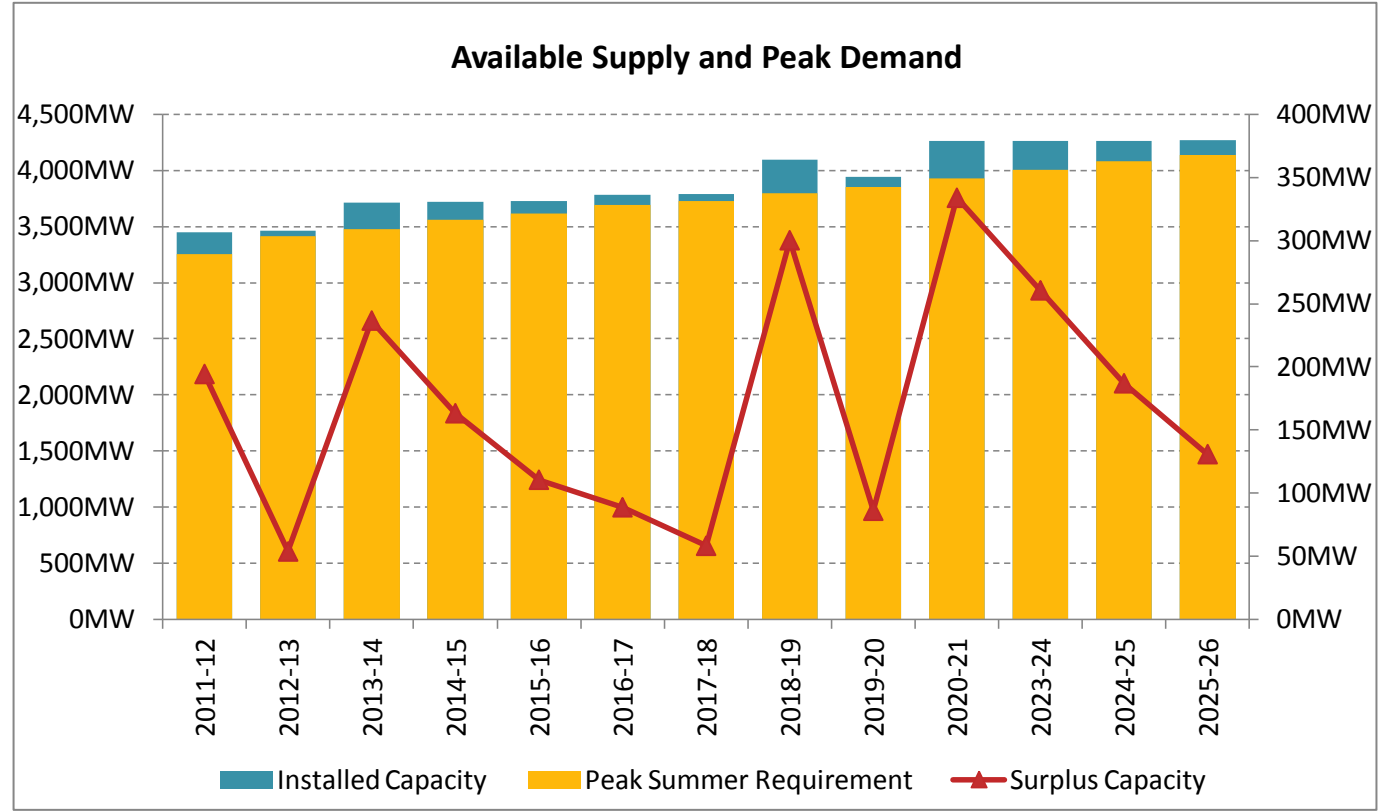


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15	Woakwine 2 (120MW Wind [SESA]),			
2015-16	Allendale (69MW Wind [SESA]), Woakwine 1 (120MW Wind [SESA]),			
2016-17	Barn Hill 2 (62MW Wind [NSA]), Stony Gap (123MW Wind [NSA]), Innamincka 1 (0MW Geothermal [NSA]), Torrens Island C 2 (250MW OCGT [ADE]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18	Ceres Wind (600MW Wind [ADE]),			
2018-19	Woakwine 3 (180MW Wind [SESA]),			
2019-20	Quarantine 6 (125MW OCGT [ADE]), Torrens Island C 1 (250MW OCGT [ADE]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),		
2020-21				
2021-22	Cherokee Stage 3 (250MW OCGT [ADE]),			
2022-23	Whyalla (28.2MW Solar Thermal [NSA]),			
2023-24				
2024-25	Cherokee Stage 4 (250MW OCGT [ADE]),			
2025-26				

Ranking	Outlook Probability
#13 /27	0.5%



Outlook #	Theme:	CPT25	15% theme weighting
14	Carbon Policy Theme:	M	68% theme weighting
	Demand Growth Theme:	Minor	60% theme weighting
	Sensitivity:	N/A	Base Outlook

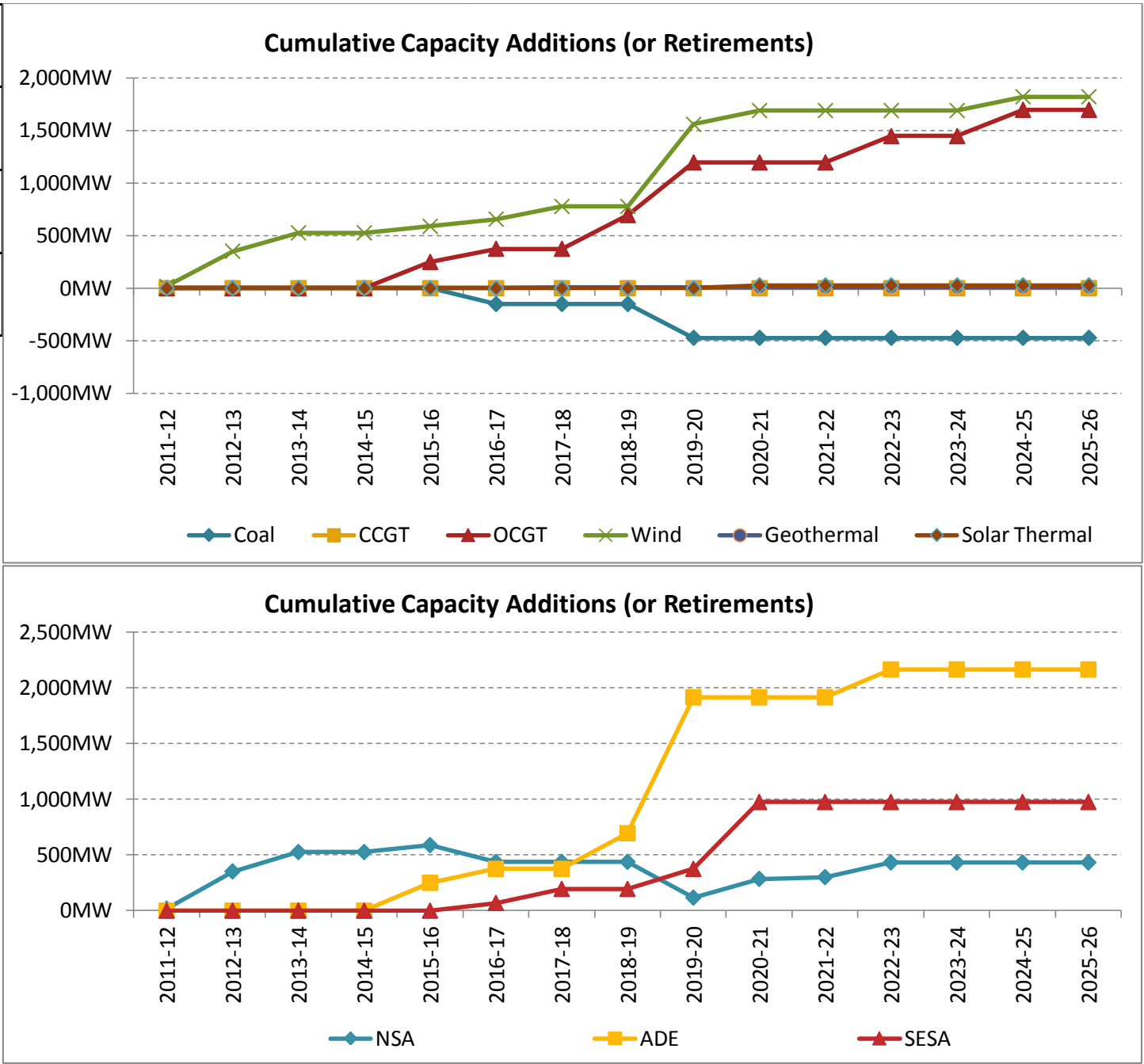
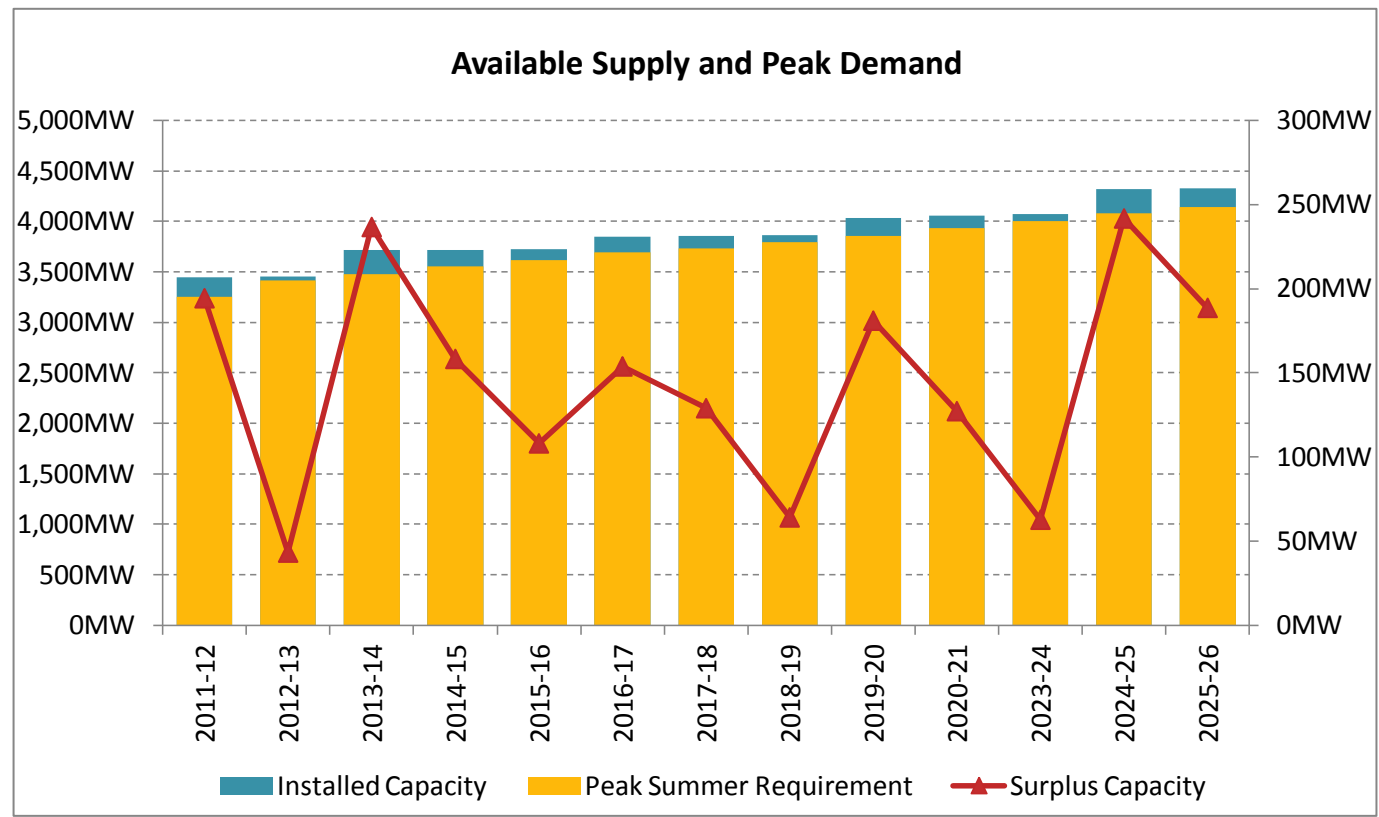


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]), Robertstown (75MW Wind [NSA]),			
2013-14	Mt Bryan (99MW Wind [NSA]),			
2014-15	Innaminka 1 (0MW Geothermal [NSA]),			
2015-16	Torrens Island C 2 (250MW OCGT [ADE]), Woakwine 1 (120MW Wind [SESA]),			
2016-17	Barn Hill 2 (62MW Wind [NSA]), Stony Gap (123MW Wind [NSA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18	Allendale (69MW Wind [SESA]), Keyneton (131.1MW Wind [NSA]),		Minor Transmission Upgrade (VIC-SA 200MW Bi-directional)	
2018-19	Penola Stage 1 (5.9MW Geothermal [SESA]), Green Point (54MW Wind [SESA]), Ceres Wind (600MW Wind [ADE]),			
2019-20	Pelican Point 2 (320MW OCGT [ADE]), Torrens Island C 1 (250MW OCGT [ADE]), Kulpara 1 (60MW Wind [NSA]), Cherokee Stage 3 (250MW OCGT [ADE]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),		
2020-21	Quarantine 6 (125MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]),			
2021-22				
2022-23				
2023-24	Woakwine 3 (180MW Wind [SESA]),			
2024-25	Torrens Island C 3 (250MW OCGT [ADE]),			
2025-26				

Ranking	Outlook Probability
#5 /27	6.1%



Outlook #	Theme:	CPT25	15% theme weighting
15	Carbon Policy Theme:	M	68% theme weighting
	Demand Growth Theme:	Major	35% theme weighting
	Sensitivity:	N/A	Base Outlook

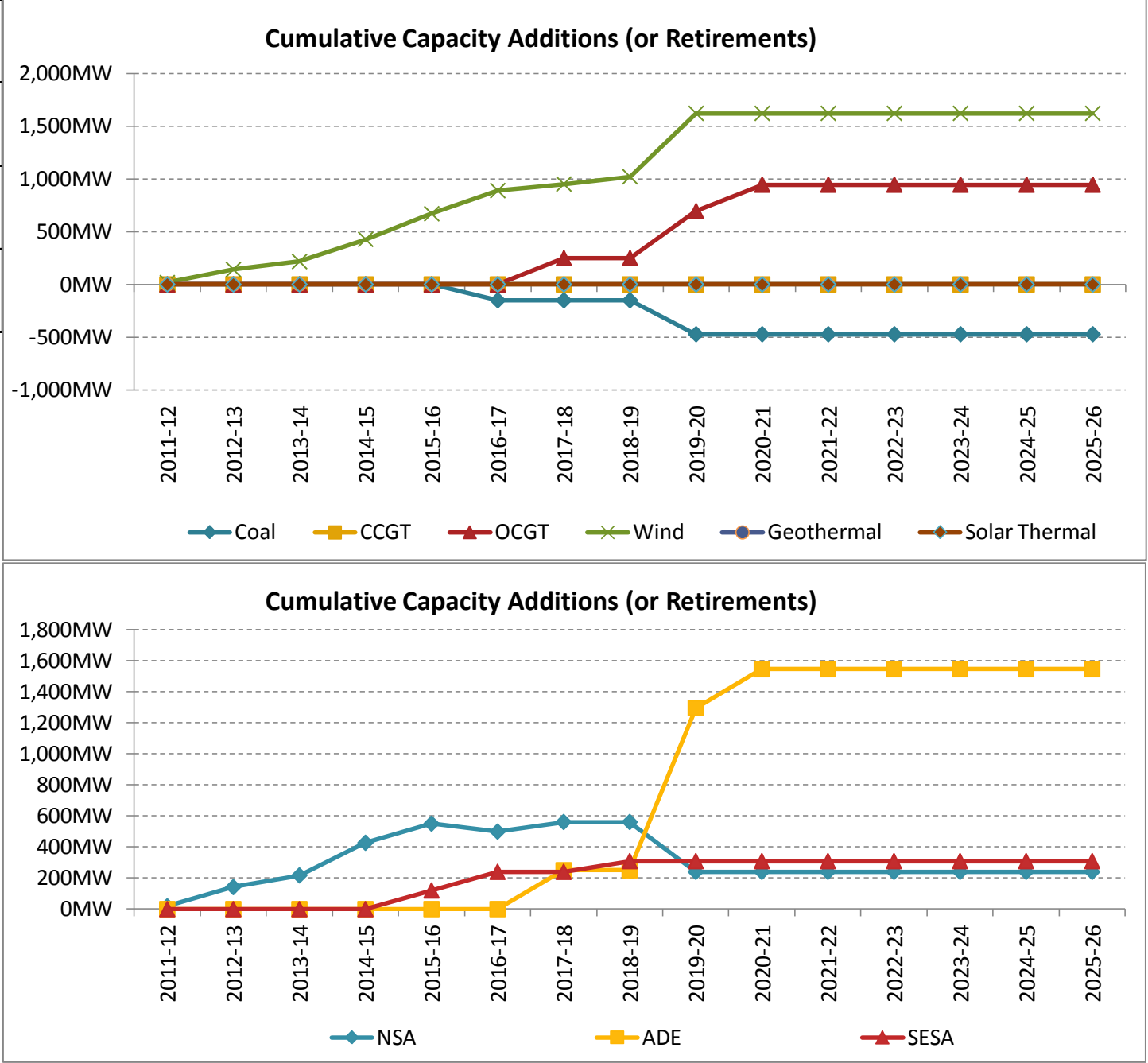
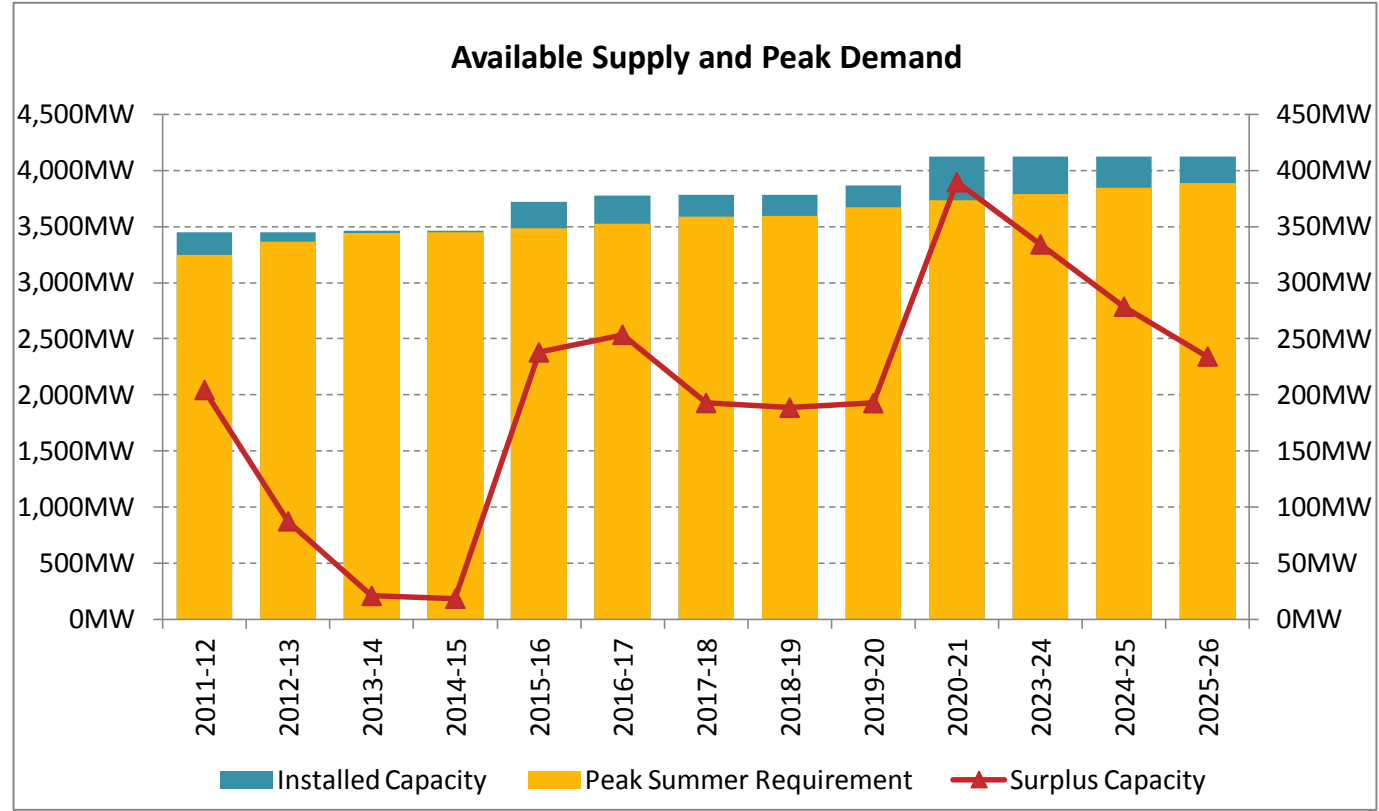


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]),			
2014-15				
2015-16	Barn Hill 2 (62MW Wind [NSA]), Torrens Island C 2 (250MW OCGT [ADE]),			
2016-17	Quarantine 6 (125MW OCGT [ADE]), Allendale (69MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18	Penola Stage 1 (5.9MW Geothermal [SESA]), Woakwine 2 (120MW Wind [SESA]),			
2018-19	Pelican Point 2 (320MW OCGT [ADE]),			
2019-20	Torrens Island C 1 (250MW OCGT [ADE]), Innamincka 1 (0MW Geothermal [NSA]), Torrens Island C 3 (250MW OCGT [ADE]), Woakwine 3 (180MW Wind [SESA]), Ceres Wind (600MW Wind [ADE]), Ceres Pilot Biomass (120MW	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),	Major Transmission Upgrade (VIC-SA 1000MW Bi-directional)	
2020-21	Robe (600MW Wind [SESA]), Carmodys Hill (140MW Wind [NSA]), Whyalla (28.2MW Solar Thermal [NSA]),			
2021-22	Elliston 1 (16MW Wind [NSA]),			
2022-23	Keyneton (131.1MW Wind [NSA]), Cherokee Stage 3 (250MW OCGT [ADE]),			
2023-24	Innamincka 2 (0MW Geothermal [NSA]),			
2024-25				
2025-26				

Ranking	Outlook Probability
#6 /27	3.6%



Outlook #	Theme:	CPT25	15% theme weighting
16	Carbon Policy Theme:	L	30% theme weighting
	Demand Growth Theme:	None	5% theme weighting
	Sensitivity:	N/A	Base Outlook

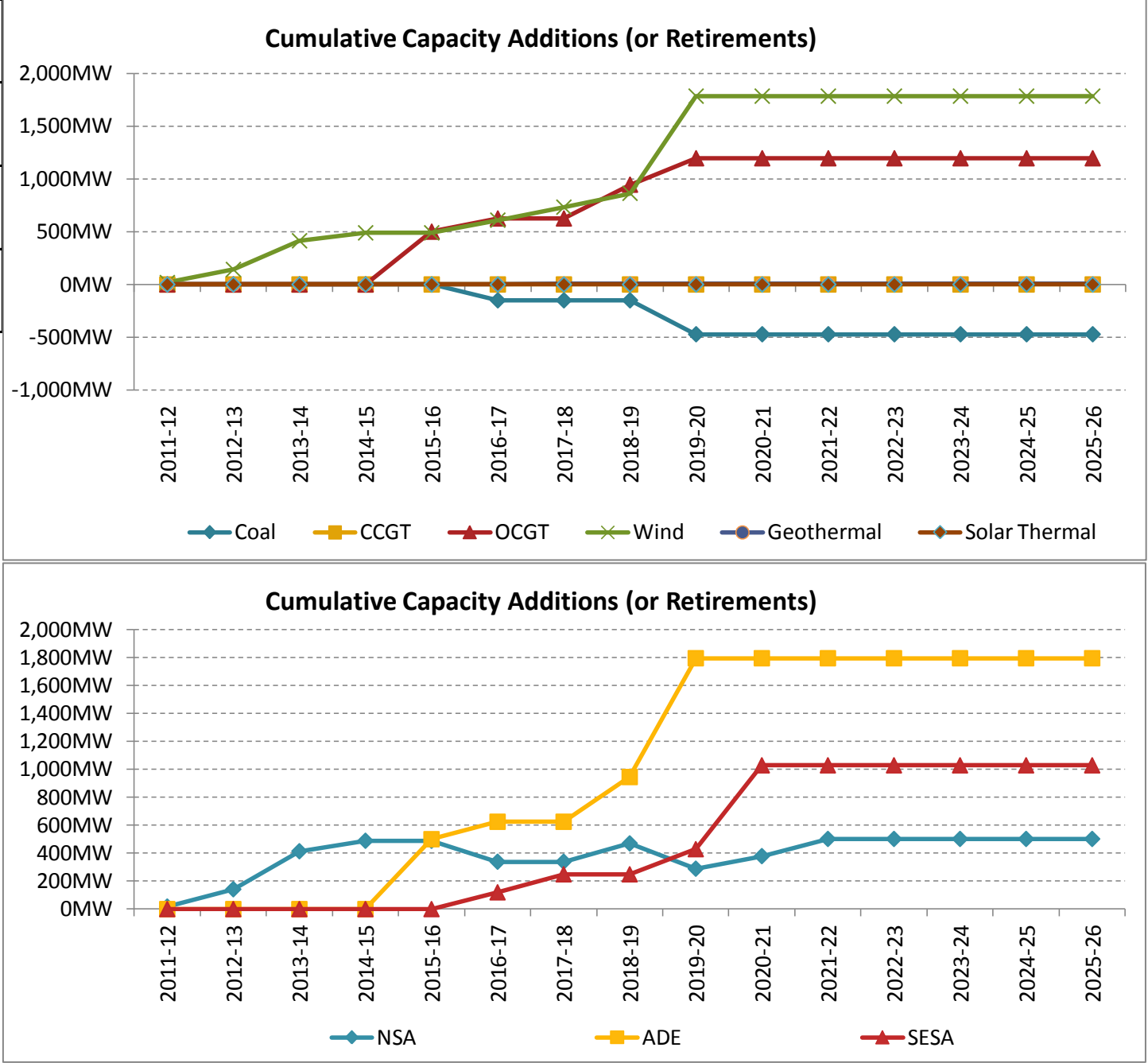
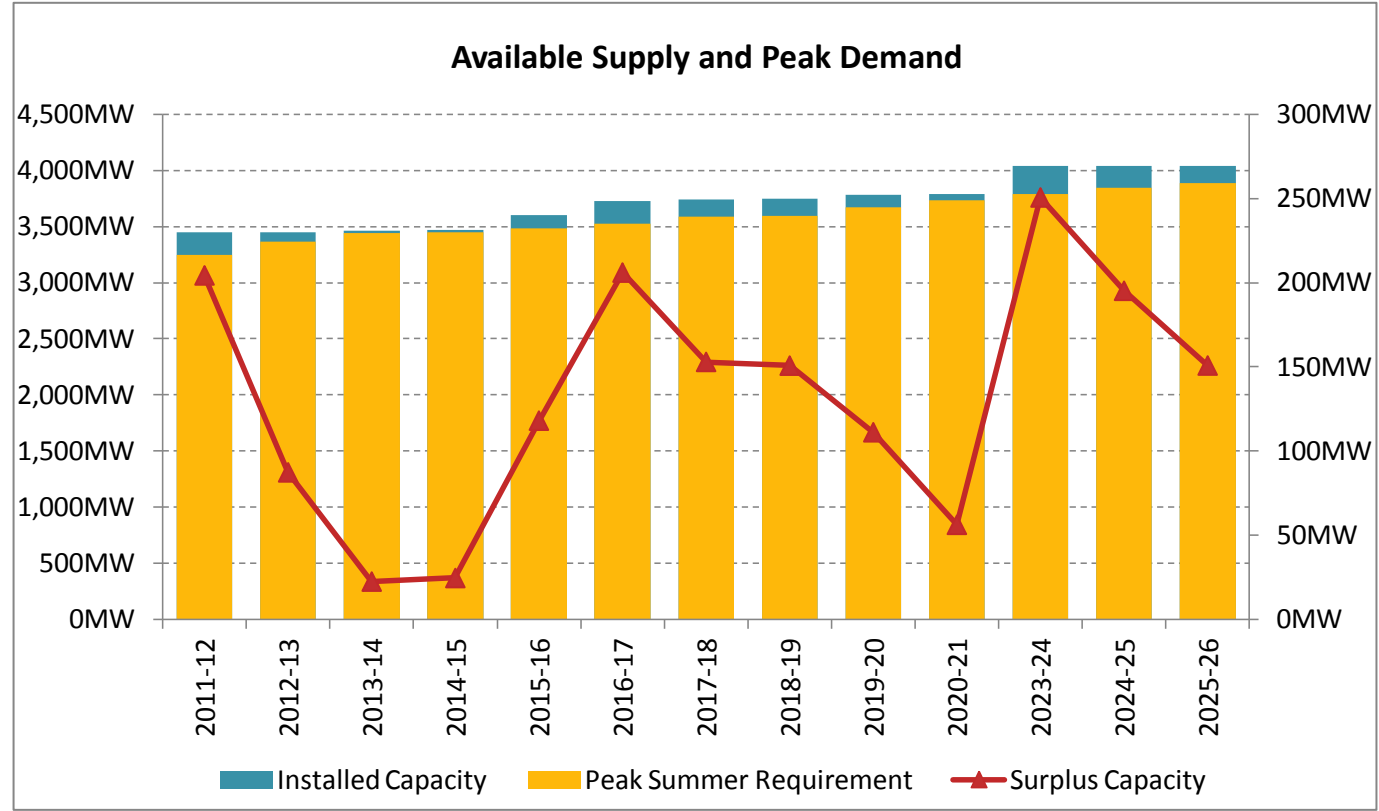


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]),			
2013-14	Robertstown (75MW Wind [NSA]),			
2014-15	Snowtown Expansion (210MW Wind [NSA]),			
2015-16	Stony Gap (123MW Wind [NSA]), Woakwine 2 (120MW Wind [SESA]),			
2016-17	Mt Bryan (99MW Wind [NSA]), Woakwine 1 (120MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18	Barn Hill 2 (62MW Wind [NSA]), Torrens Island C 2 (250MW OCGT [ADE]),			
2018-19	Allendale (69MW Wind [SESA]),			
2019-20	Pelican Point 2 (320MW OCGT [ADE]), Quarantine 6 (125MW OCGT [ADE]), Ceres Wind (600MW Wind [ADE]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),		
2020-21	Innaminka 1 (0MW Geothermal [NSA]), Cherokee Stage 3 (250MW OCGT [ADE]),			
2021-22				
2022-23				
2023-24				
2024-25				
2025-26				

Ranking	Outlook Probability
#14 /27	0.2%



Outlook #	Theme:	CPT25	15% theme weighting
17	Carbon Policy Theme:	L	30% theme weighting
	Demand Growth Theme:	Minor	60% theme weighting
	Sensitivity:	N/A	Base Outlook

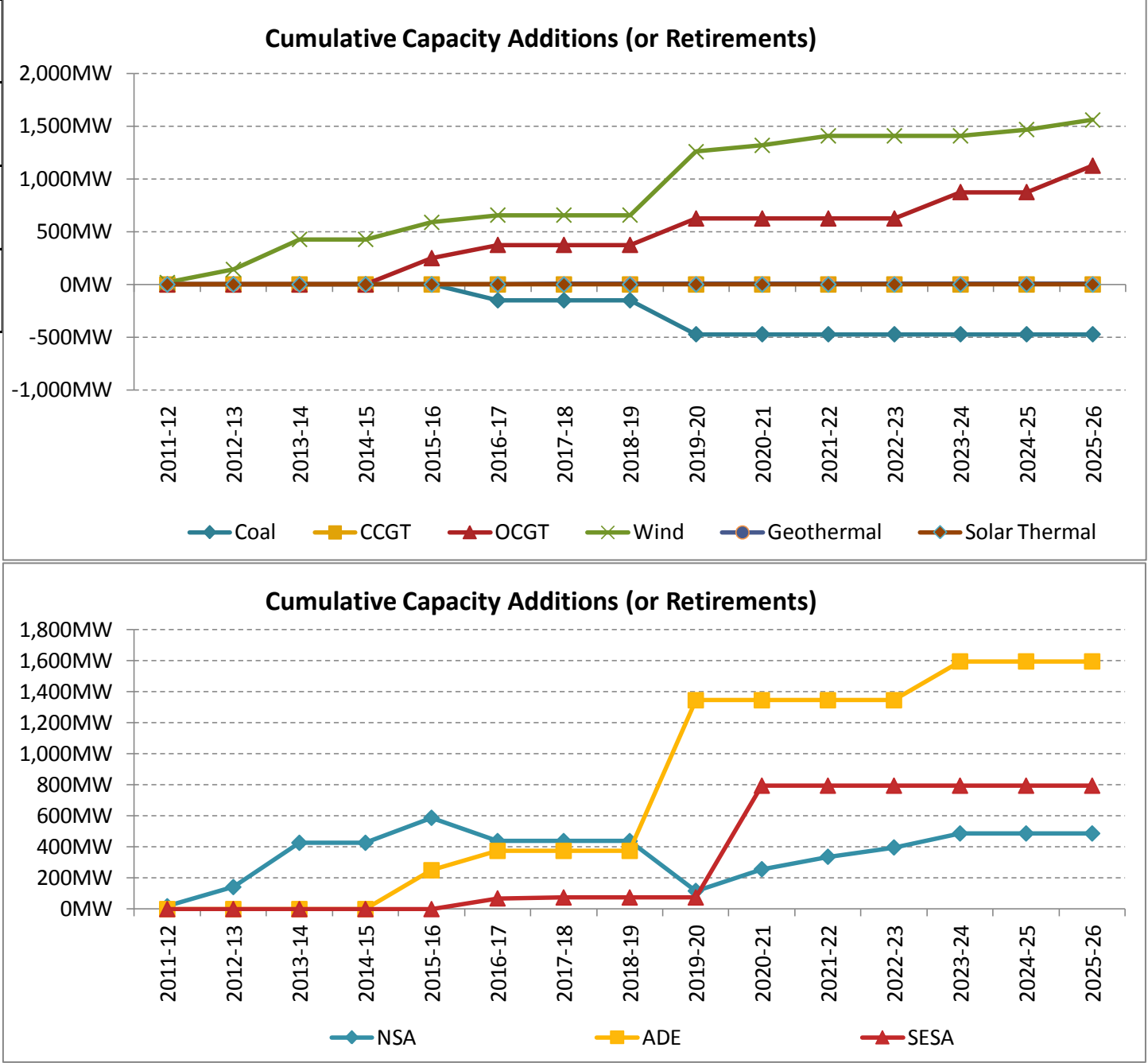
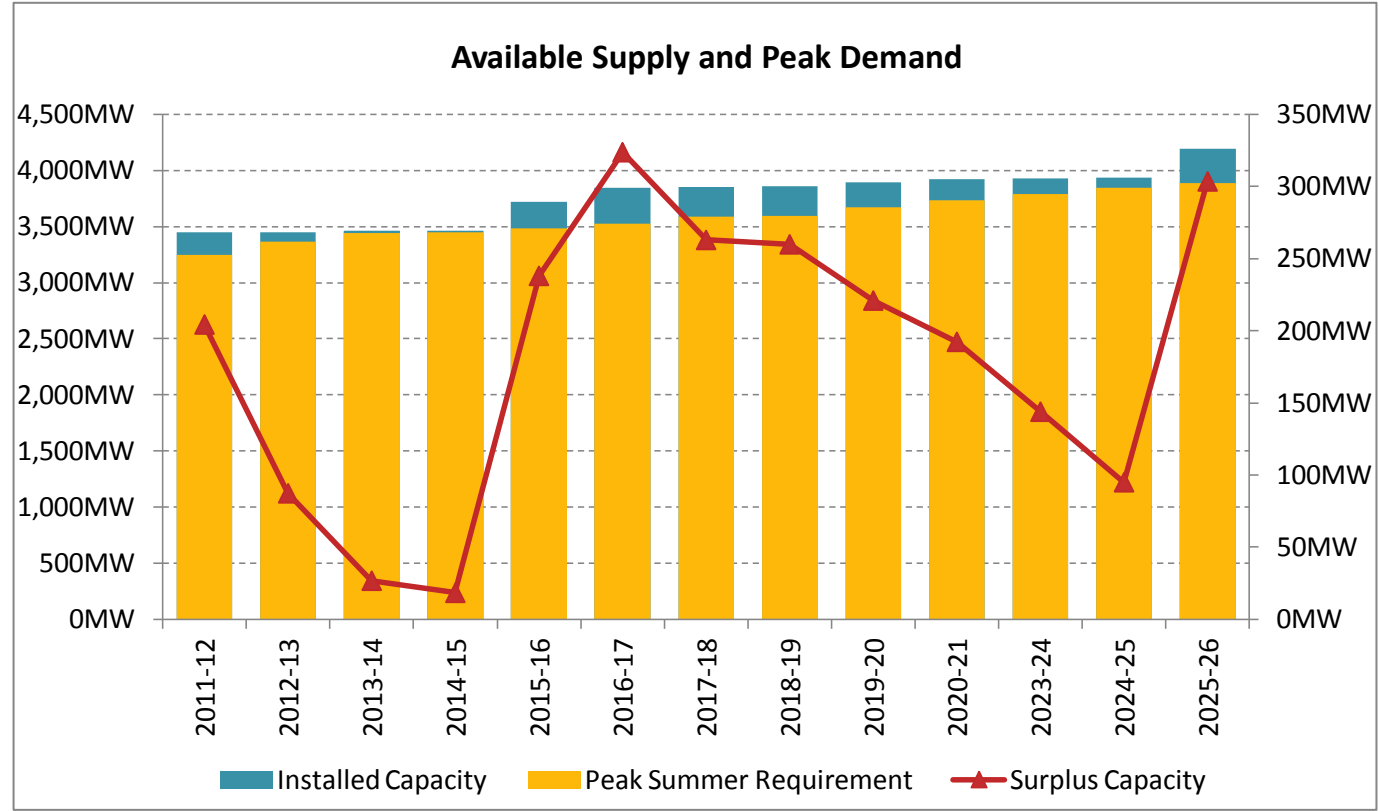


	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]),			
2013-14	Barn Hill 2 (62MW Wind [NSA]), Snowtown Expansion (210MW Wind [NSA]),			
2014-15	Robertstown (75MW Wind [NSA]),			
2015-16	Torrens Island C 1 (250MW OCGT [ADE]), Innamincka 1 (0MW Geothermal [NSA]), Torrens Island C 2 (250MW OCGT [ADE]),			
2016-17	Quarantine 6 (125MW OCGT [ADE]), Woakwine 2 (120MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB-AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (-50MW Coal [NSA]), (MW []),		
2017-18	Penola Stage 1 (5.9MW Geothermal [SESA]), Allendale (69MW Wind [SESA]), Green Point (54MW Wind [SESA]),		Minor Transmission Upgrade (VIC-SA 200MW Bi-directional)	
2018-19	Pelican Point 2 (320MW OCGT [ADE]), Keyneton (131.1MW Wind [NSA]),			
2019-20	Woakwine 3 (180MW Wind [SESA]), Carmody Hill (140MW Wind [NSA]), Ceres Wind (600MW Wind [ADE]), Cherokee Stage 3 (250MW OCGT [ADE]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (-50MW Coal [NSA]),		
2020-21	Robe (600MW Wind [SESA]), Kulpara 2 (90MW Wind [NSA]),			
2021-22	Stony Gap (123MW Wind [NSA]),			
2022-23				
2023-24				
2024-25				
2025-26				

Ranking	Outlook Probability
#9 /27	2.7%



Outlook #	Theme:	CPT25	15% theme weighting
18	Carbon Policy Theme:	L	30% theme weighting
	Demand Growth Theme:	Major	35% theme weighting
	Sensitivity:	N/A	Base Outlook



	New Projects	Retirements	Interconnectors	Comments
2011-12	Waterloo Expansion (18MW Wind [NSA]),			
2012-13	Barn Hill 1 (124MW Wind [NSA]),			
2013-14	Snowtown Expansion (210MW Wind [NSA]), Robertstown (75MW Wind [NSA]),			
2014-15				
2015-16	Barn Hill 2 (62MW Wind [NSA]), Mt Bryan (99MW Wind [NSA]), Torrens Island C 2 (250MW OCGT [ADE]),			
2016-17	Quarantine 6 (125MW OCGT [ADE]), Allendale (69MW Wind [SESA]),	PLAYB-AG_2 (-50MW Coal [NSA]), PLAYB- AG_3 (-50MW Coal [NSA]), PLAYB-AG_4 (- 50MW Coal [NSA]), (MW []),		
2017-18	Penola Stage 1 (5.9MW Geothermal [SESA]),			
2018-19	Innamincka 1 (0MW Geothermal [NSA]),			
2019-20	Ceres Wind (600MW Wind [ADE]), Ceres Pilot Biomass (120MW Biomass [ADE]), Cherokee Stage 3 (250MW OCGT [ADE]),	NPS2 (-271MW Coal [NSA]), PLAYB-AG_1 (- 50MW Coal [NSA]),	Major Transmission Upgrade (VIC-SA 1000MW Bi-directional)	
2020-21	Woakwine 2 (120MW Wind [SESA]), Robe (600MW Wind [SESA]), Carmodys Hill (140MW Wind [NSA]),			
2021-22	Crystal Brook (80MW Wind [NSA]),			
2022-23	Kulpara 1 (60MW Wind [NSA]),			
2023-24	Kulpara 2 (90MW Wind [NSA]), Cherokee Stage 4 (250MW OCGT [ADE]),			
2024-25				
2025-26				

Ranking	Outlook Probability
#11 /27	1.6%



Potential Project # (This is a potential New Plant)

1

Bluff (52.5MW Wind)

located in the

NSA

node, near

Hallett

Initially this project was rated a

Committed

likelihood of proceeding, which was deemed to correspond to a

100% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A	YES															0.09%
Scenario 2	CPT5	H	Minor	N/A	YES															2.57%
Scenario 3	CPT5	H	Major	N/A	YES															0.86%
Scenario 4	CPT5	M	None	N/A	YES															12.85%
Scenario 5	CPT5	M	Minor	N/A	YES															38.54%
Scenario 6	CPT5	M	Major	N/A	YES															12.85%
Scenario 7	CPT5	L	None	N/A	YES															3.43%
Scenario 8	CPT5	L	Minor	N/A	YES															10.28%
Scenario 9	CPT5	L	Major	N/A	YES															3.43%
Scenario 10	CPT25	H	None	N/A	YES															0.02%
Scenario 11	CPT25	H	Minor	N/A	YES															0.23%
Scenario 12	CPT25	H	Major	N/A	YES															0.13%
Scenario 13	CPT25	M	None	N/A	YES															0.51%
Scenario 14	CPT25	M	Minor	N/A	YES															6.12%
Scenario 15	CPT25	M	Major	N/A	YES															3.57%
Scenario 16	CPT25	L	None	N/A	YES															0.23%
Scenario 17	CPT25	L	Minor	N/A	YES															2.72%
Scenario 18	CPT25	L	Major	N/A	YES															1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	9	100%
Minor	9	9	100%
Major	6	6	100%

Other Comments:



Potential Project # (This is a potential New Plant)

2

Waterloo Expansion (18MW Wind)

located in the

NSA

node, near

Waterloo

Initially this project was rated a

High

likelihood of proceeding, which was deemed to correspond to a

58% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

73% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A		YES														0.09%
Scenario 2	CPT5	H	Minor	N/A		YES														2.57%
Scenario 3	CPT5	H	Major	N/A		YES														0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A		YES														38.54%
Scenario 6	CPT5	M	Major	N/A		YES														12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A			YES													3.43%
Scenario 10	CPT25	H	None	N/A		YES														0.02%
Scenario 11	CPT25	H	Minor	N/A		YES														0.23%
Scenario 12	CPT25	H	Major	N/A		YES														0.13%
Scenario 13	CPT25	M	None	N/A		YES														0.51%
Scenario 14	CPT25	M	Minor	N/A		YES														6.12%
Scenario 15	CPT25	M	Major	N/A		YES														3.57%
Scenario 16	CPT25	L	None	N/A		YES														0.23%
Scenario 17	CPT25	L	Minor	N/A		YES														2.72%
Scenario 18	CPT25	L	Major	N/A		YES														1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	70%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	70%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	73%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	6	67%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	5	83%
L	6	4	67%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	4	67%
Minor	6	5	83%
Major	6	6	100%

Other Comments:



Potential Project # (This is a potential New Plant)

3

Barn Hill 1 (124MW Wind)

located in the

NSA

node, near

Barunga

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A				YES												0.09%
Scenario 2	CPT5	H	Minor	N/A						YES										2.57%
Scenario 3	CPT5	H	Major	N/A					YES											0.86%
Scenario 4	CPT5	M	None	N/A						YES										12.85%
Scenario 5	CPT5	M	Minor	N/A				YES												38.54%
Scenario 6	CPT5	M	Major	N/A				YES												12.85%
Scenario 7	CPT5	L	None	N/A					YES											3.43%
Scenario 8	CPT5	L	Minor	N/A					YES											10.28%
Scenario 9	CPT5	L	Major	N/A				YES												3.43%
Scenario 10	CPT25	H	None	N/A					YES											0.02%
Scenario 11	CPT25	H	Minor	N/A				YES												0.23%
Scenario 12	CPT25	H	Major	N/A					YES											0.13%
Scenario 13	CPT25	M	None	N/A						YES										0.51%
Scenario 14	CPT25	M	Minor	N/A						YES										6.12%
Scenario 15	CPT25	M	Major	N/A					YES											3.57%
Scenario 16	CPT25	L	None	N/A							YES									0.23%
Scenario 17	CPT25	L	Minor	N/A			YES													2.72%
Scenario 18	CPT25	L	Major	N/A					YES											1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	3%	55%	20%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	3%	58%	78%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	9	100%
Minor	9	9	100%
Major	9	9	100%

Other Comments:



Potential Project # (This is a potential New Plant)

4

Barn Hill 2 (62MW Wind)

located in the

NSA

node, near

Barunga

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

71% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A							YES									2.57%
Scenario 3	CPT5	H	Major	N/A							YES									0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A							YES									38.54%
Scenario 6	CPT5	M	Major	N/A						YES										12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A									YES							3.43%
Scenario 10	CPT25	H	None	N/A							YES									0.02%
Scenario 11	CPT25	H	Minor	N/A					YES											0.23%
Scenario 12	CPT25	H	Major	N/A							YES									0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A									YES							6.12%
Scenario 15	CPT25	M	Major	N/A								YES								3.57%
Scenario 16	CPT25	L	None	N/A									YES							0.23%
Scenario 17	CPT25	L	Minor	N/A								YES								2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	13%	42%	6%	10%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	13%	55%	61%	71%	71%	71%	71%	71%	71%	71%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	5	56%
CPT25	9	7	78%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	5	83%
M	6	4	67%
L	6	3	50%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	2	33%
Minor	6	5	83%
Major	6	5	83%

Other Comments:



Potential Project # (This is a potential New Plant)

5

Pelican Point 2 (320MW OCGT)

located in the

ADE

node, near

Pelican Point

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

34% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

86% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A							YES									0.09%
Scenario 2	CPT5	H	Minor	N/A							YES									2.57%
Scenario 3	CPT5	H	Major	N/A						YES										0.86%
Scenario 4	CPT5	M	None	N/A							YES									12.85%
Scenario 5	CPT5	M	Minor	N/A						YES										38.54%
Scenario 6	CPT5	M	Major	N/A										YES						12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A								YES								3.43%
Scenario 10	CPT25	H	None	N/A							YES									0.02%
Scenario 11	CPT25	H	Minor	N/A											YES					0.23%
Scenario 12	CPT25	H	Major	N/A									YES							0.13%
Scenario 13	CPT25	M	None	N/A									YES							0.51%
Scenario 14	CPT25	M	Minor	N/A										YES						6.12%
Scenario 15	CPT25	M	Major	N/A						YES										3.57%
Scenario 16	CPT25	L	None	N/A									YES							0.23%
Scenario 17	CPT25	L	Minor	N/A						YES										2.72%
Scenario 18	CPT25	L	Major	N/A						YES										1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	47%	16%	3%	1%	19%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	47%	63%	66%	67%	86%	86%	86%	86%	86%	86%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	7	78%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	4	67%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	5	83%
Minor	6	5	83%
Major	6	6	100%

Other Comments:



Potential
Project # (This is a potential New Plant)

6

Quarantine 6 (125MW OCGT)

located in the

ADE

node, near

Quarantine

Initially this project was rated a

High

likelihood of proceeding, which was deemed to correspond to a

56% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

98% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A					YES											0.09%
Scenario 2	CPT5	H	Minor	N/A					YES											2.57%
Scenario 3	CPT5	H	Major	N/A					YES											0.86%
Scenario 4	CPT5	M	None	N/A								YES								12.85%
Scenario 5	CPT5	M	Minor	N/A										YES						38.54%
Scenario 6	CPT5	M	Major	N/A						YES										12.85%
Scenario 7	CPT5	L	None	N/A						YES										3.43%
Scenario 8	CPT5	L	Minor	N/A					YES											10.28%
Scenario 9	CPT5	L	Major	N/A								YES								3.43%
Scenario 10	CPT25	H	None	N/A						YES										0.02%
Scenario 11	CPT25	H	Minor	N/A					YES											0.23%
Scenario 12	CPT25	H	Major	N/A											YES					0.13%
Scenario 13	CPT25	M	None	N/A									YES							0.51%
Scenario 14	CPT25	M	Minor	N/A									YES							6.12%
Scenario 15	CPT25	M	Major	N/A									YES							3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A					YES											2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	17%	16%	0%	16%	10%	39%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	17%	33%	33%	49%	60%	98%	98%	98%	98%	98%	98%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	7	78%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	4	67%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	5	83%
Minor	6	6	100%
Major	6	5	83%

Other Comments:



Potential Project # (This is a potential New Plant)

7

Torrens Island C 1 (250MW OCGT)

located in the

ADE

node, near

Torrens Island

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

34% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

95% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A								YES								0.09%
Scenario 2	CPT5	H	Minor	N/A									YES							2.57%
Scenario 3	CPT5	H	Major	N/A								YES								0.86%
Scenario 4	CPT5	M	None	N/A														YES		12.85%
Scenario 5	CPT5	M	Minor	N/A									YES							38.54%
Scenario 6	CPT5	M	Major	N/A						YES										12.85%
Scenario 7	CPT5	L	None	N/A									YES							3.43%
Scenario 8	CPT5	L	Minor	N/A									YES							10.28%
Scenario 9	CPT5	L	Major	N/A								YES								3.43%
Scenario 10	CPT25	H	None	N/A										YES						0.02%
Scenario 11	CPT25	H	Minor	N/A						YES										0.23%
Scenario 12	CPT25	H	Major	N/A				YES												0.13%
Scenario 13	CPT25	M	None	N/A						YES										0.51%
Scenario 14	CPT25	M	Minor	N/A						YES										6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A				YES												0.23%
Scenario 17	CPT25	L	Minor	N/A											YES					2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	7%	13%	4%	55%	0%	3%	0%	0%	13%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	7%	20%	24%	79%	79%	82%	82%	82%	95%	95%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	7	78%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	5	83%
L	6	5	83%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	6	100%
Minor	6	6	100%
Major	6	4	67%

Other Comments:



Potential Project # (This is a potential New Plant)

8

Stony Gap (123MW Wind)

located in the

NSA

node, near

Burra

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

96% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A						YES										0.09%
Scenario 2	CPT5	H	Minor	N/A						YES										2.57%
Scenario 3	CPT5	H	Major	N/A							YES									0.86%
Scenario 4	CPT5	M	None	N/A								YES								12.85%
Scenario 5	CPT5	M	Minor	N/A							YES									38.54%
Scenario 6	CPT5	M	Major	N/A									YES							12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A								YES								10.28%
Scenario 9	CPT5	L	Major	N/A								YES								3.43%
Scenario 10	CPT25	H	None	N/A					YES											0.02%
Scenario 11	CPT25	H	Minor	N/A							YES									0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A								YES								6.12%
Scenario 15	CPT25	M	Major	N/A							YES									3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A							YES									2.72%
Scenario 18	CPT25	L	Major	N/A							YES									1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	3%	48%	33%	13%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	3%	50%	83%	96%	96%	96%	96%	96%	96%	96%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	8	89%
CPT25	9	7	78%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	5	83%
L	6	4	67%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	3	50%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential Project # (This is a potential New Plant)

9 Penola Stage 1 (5.9MW Geothermal) located in the SESA node, near Penola

Initially this project was rated a High likelihood of proceeding, which was deemed to correspond to a 58% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be 97% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A		YES														0.09%
Scenario 2	CPT5	H	Minor	N/A		YES														2.57%
Scenario 3	CPT5	H	Major	N/A		YES														0.86%
Scenario 4	CPT5	M	None	N/A		YES														12.85%
Scenario 5	CPT5	M	Minor	N/A		YES														38.54%
Scenario 6	CPT5	M	Major	N/A			YES													12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A									YES							10.28%
Scenario 9	CPT5	L	Major	N/A				YES												3.43%
Scenario 10	CPT25	H	None	N/A		YES														0.02%
Scenario 11	CPT25	H	Minor	N/A		YES														0.23%
Scenario 12	CPT25	H	Major	N/A			YES													0.13%
Scenario 13	CPT25	M	None	N/A		YES														0.51%
Scenario 14	CPT25	M	Minor	N/A		YES														6.12%
Scenario 15	CPT25	M	Major	N/A		YES														3.57%
Scenario 16	CPT25	L	None	N/A				YES												0.23%
Scenario 17	CPT25	L	Minor	N/A			YES													2.72%
Scenario 18	CPT25	L	Major	N/A			YES													1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	65%	17%	4%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	65%	83%	86%	86%	86%	86%	86%	97%	97%	97%	97%	97%	97%	97%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	8	89%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	5	83%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	5	83%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential
Project # (This is a potential New Plant)

10

Snowtown Expansion (210MW Wind)

located in the

NSA

node, near

Snowtown

Initially this project was rated a

High

likelihood of proceeding, which was deemed to correspond to a

58% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A			YES													0.09%
Scenario 2	CPT5	H	Minor	N/A			YES													2.57%
Scenario 3	CPT5	H	Major	N/A		YES														0.86%
Scenario 4	CPT5	M	None	N/A			YES													12.85%
Scenario 5	CPT5	M	Minor	N/A					YES											38.54%
Scenario 6	CPT5	M	Major	N/A				YES												12.85%
Scenario 7	CPT5	L	None	N/A			YES													3.43%
Scenario 8	CPT5	L	Minor	N/A			YES													10.28%
Scenario 9	CPT5	L	Major	N/A						YES										3.43%
Scenario 10	CPT25	H	None	N/A			YES													0.02%
Scenario 11	CPT25	H	Minor	N/A			YES													0.23%
Scenario 12	CPT25	H	Major	N/A			YES													0.13%
Scenario 13	CPT25	M	None	N/A			YES													0.51%
Scenario 14	CPT25	M	Minor	N/A		YES														6.12%
Scenario 15	CPT25	M	Major	N/A			YES													3.57%
Scenario 16	CPT25	L	None	N/A			YES													0.23%
Scenario 17	CPT25	L	Minor	N/A				YES												2.72%
Scenario 18	CPT25	L	Major	N/A			YES													1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	7%	35%	16%	39%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	7%	42%	58%	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	9	100%
Minor	9	9	100%
Major	9	9	100%

Other Comments:



Potential Project # (This is a potential New Plant)

11

Robertstown (75MW Wind)

located in the

NSA

node, near

Robertstown

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A					YES											0.09%
Scenario 2	CPT5	H	Minor	N/A							YES									2.57%
Scenario 3	CPT5	H	Major	N/A						YES										0.86%
Scenario 4	CPT5	M	None	N/A							YES									12.85%
Scenario 5	CPT5	M	Minor	N/A							YES									38.54%
Scenario 6	CPT5	M	Major	N/A					YES											12.85%
Scenario 7	CPT5	L	None	N/A					YES											3.43%
Scenario 8	CPT5	L	Minor	N/A					YES											10.28%
Scenario 9	CPT5	L	Major	N/A					YES											3.43%
Scenario 10	CPT25	H	None	N/A								YES								0.02%
Scenario 11	CPT25	H	Minor	N/A						YES										0.23%
Scenario 12	CPT25	H	Major	N/A							YES									0.13%
Scenario 13	CPT25	M	None	N/A					YES											0.51%
Scenario 14	CPT25	M	Minor	N/A							YES									6.12%
Scenario 15	CPT25	M	Major	N/A						YES										3.57%
Scenario 16	CPT25	L	None	N/A								YES								0.23%
Scenario 17	CPT25	L	Minor	N/A							YES									2.72%
Scenario 18	CPT25	L	Major	N/A						YES										1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	31%	6%	63%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	31%	37%	100%	100%	100%	100%	100%	100%	100%	100%	100%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	9	100%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential Project # (This is a potential New Plant)

12 Allendale (69MW Wind) located in the **SESA** node, near **Allendale East**

Initially this project was rated a **Low** likelihood of proceeding, which was deemed to correspond to a **14% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	0	0	0%
CPT25	9	1	11%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	0	0%
Major	6	1	17%

Other Comments:



Potential Project # (This is a potential New Plant)

13

Cherokee Stage 1 (250MW OCGT)

located in the

ADE

node, near

Tepco

Initially this project was rated a

High

likelihood of proceeding, which was deemed to correspond to a

56% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

97% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A			YES													0.09%
Scenario 2	CPT5	H	Minor	N/A			YES													2.57%
Scenario 3	CPT5	H	Major	N/A			YES													0.86%
Scenario 4	CPT5	M	None	N/A			YES													12.85%
Scenario 5	CPT5	M	Minor	N/A			YES													38.54%
Scenario 6	CPT5	M	Major	N/A			YES													12.85%
Scenario 7	CPT5	L	None	N/A					YES											3.43%
Scenario 8	CPT5	L	Minor	N/A						YES										10.28%
Scenario 9	CPT5	L	Major	N/A			YES													3.43%
Scenario 10	CPT25	H	None	N/A			YES													0.02%
Scenario 11	CPT25	H	Minor	N/A			YES													0.23%
Scenario 12	CPT25	H	Major	N/A			YES													0.13%
Scenario 13	CPT25	M	None	N/A			YES													0.51%
Scenario 14	CPT25	M	Minor	N/A			YES													6.12%
Scenario 15	CPT25	M	Major	N/A			YES													3.57%
Scenario 16	CPT25	L	None	N/A						YES										0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A					YES											1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	82%	0%	5%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	82%	82%	87%	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	8	89%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	5	83%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	6	100%
Minor	6	5	83%
Major	6	6	100%

Other Comments:



Potential
Project # (This is a potential New Plant)

14

Mt Bryan (99MW Wind)

located in the

NSA

node, near

Hallett

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A									YES							0.09%
Scenario 2	CPT5	H	Minor	N/A							YES									2.57%
Scenario 3	CPT5	H	Major	N/A									YES							0.86%
Scenario 4	CPT5	M	None	N/A									YES							12.85%
Scenario 5	CPT5	M	Minor	N/A									YES							38.54%
Scenario 6	CPT5	M	Major	N/A							YES									12.85%
Scenario 7	CPT5	L	None	N/A								YES								3.43%
Scenario 8	CPT5	L	Minor	N/A							YES									10.28%
Scenario 9	CPT5	L	Major	N/A									YES							3.43%
Scenario 10	CPT25	H	None	N/A								YES								0.02%
Scenario 11	CPT25	H	Minor	N/A									YES							0.23%
Scenario 12	CPT25	H	Major	N/A							YES									0.13%
Scenario 13	CPT25	M	None	N/A						YES										0.51%
Scenario 14	CPT25	M	Minor	N/A				YES												6.12%
Scenario 15	CPT25	M	Major	N/A									YES							3.57%
Scenario 16	CPT25	L	None	N/A										YES						0.23%
Scenario 17	CPT25	L	Minor	N/A					YES											2.72%
Scenario 18	CPT25	L	Major	N/A								YES								1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	6%	3%	1%	26%	5%	60%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	6%	9%	9%	35%	40%	100%	100%	100%	100%	100%	100%	100%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	9	100%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential Project # (This is a potential New Plant)

15

Innamincka 1 (0MW Geothermal)

located in the

NSA

node, near

Innamincka

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

97% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A						YES										0.09%
Scenario 2	CPT5	H	Minor	N/A					YES											2.57%
Scenario 3	CPT5	H	Major	N/A					YES											0.86%
Scenario 4	CPT5	M	None	N/A						YES										12.85%
Scenario 5	CPT5	M	Minor	N/A					YES											38.54%
Scenario 6	CPT5	M	Major	N/A						YES										12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A							YES									10.28%
Scenario 9	CPT5	L	Major	N/A						YES										3.43%
Scenario 10	CPT25	H	None	N/A					YES											0.02%
Scenario 11	CPT25	H	Minor	N/A					YES											0.23%
Scenario 12	CPT25	H	Major	N/A						YES										0.13%
Scenario 13	CPT25	M	None	N/A						YES										0.51%
Scenario 14	CPT25	M	Minor	N/A					YES											6.12%
Scenario 15	CPT25	M	Major	N/A					YES											3.57%
Scenario 16	CPT25	L	None	N/A							YES									0.23%
Scenario 17	CPT25	L	Minor	N/A					YES											2.72%
Scenario 18	CPT25	L	Major	N/A					YES											1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	56%	30%	11%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	56%	86%	97%	97%	97%	97%	97%	97%	97%	97%	97%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	8	89%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	5	83%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	5	83%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential
Project # (This is a potential New Plant)

16

Torrens Island C 2 (250MW OCGT)

located in the

ADE

node, near

Torrens Island

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

34% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

12% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A														YES		2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A							YES									0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A														YES		6.12%
Scenario 15	CPT25	M	Major	N/A									YES							3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	9%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%	4%	12%	12%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	3	33%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	2	33%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	3	50%
Major	6	1	17%

Other Comments:



Potential Project # (This is a potential New Plant)

17 **Torrens Island C 3 (250MW OCGT)** located in the **ADE** node, near **Torrens Island**

Initially this project was rated a **Medium** likelihood of proceeding, which was deemed to correspond to a **34% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A								YES								0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	0	0	0%
CPT25	9	1	11%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	1	17%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

18

Willogeleche (74MW Wind)

located in the

NSA

node, near

Hallett

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

79% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A					YES											0.09%
Scenario 2	CPT5	H	Minor	N/A					YES											2.57%
Scenario 3	CPT5	H	Major	N/A					YES											0.86%
Scenario 4	CPT5	M	None	N/A				YES												12.85%
Scenario 5	CPT5	M	Minor	N/A			YES													38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A				YES												3.43%
Scenario 8	CPT5	L	Minor	N/A				YES												10.28%
Scenario 9	CPT5	L	Major	N/A										YES						3.43%
Scenario 10	CPT25	H	None	N/A										YES						0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A					YES											0.51%
Scenario 14	CPT25	M	Minor	N/A					YES											6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A						YES										0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	39%	27%	10%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	39%	65%	75%	75%	75%	75%	75%	79%	79%	79%	79%	79%	79%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	8	89%
CPT25	9	4	44%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	4	67%
M	6	4	67%
L	6	4	67%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	6	100%
Minor	6	4	67%
Major	6	2	33%

Other Comments:



Potential
Project # (This is a potential New Plant)

19

Woakwine 1 (120MW Wind)

located in the

SESA

node, near

Millicent

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A								YES								0.09%
Scenario 2	CPT5	H	Minor	N/A								YES								2.57%
Scenario 3	CPT5	H	Major	N/A						YES										0.86%
Scenario 4	CPT5	M	None	N/A					YES											12.85%
Scenario 5	CPT5	M	Minor	N/A						YES										38.54%
Scenario 6	CPT5	M	Major	N/A						YES										12.85%
Scenario 7	CPT5	L	None	N/A						YES										3.43%
Scenario 8	CPT5	L	Minor	N/A						YES										10.28%
Scenario 9	CPT5	L	Major	N/A										YES						3.43%
Scenario 10	CPT25	H	None	N/A						YES										0.02%
Scenario 11	CPT25	H	Minor	N/A					YES											0.23%
Scenario 12	CPT25	H	Major	N/A											YES					0.13%
Scenario 13	CPT25	M	None	N/A				YES												0.51%
Scenario 14	CPT25	M	Minor	N/A										YES						6.12%
Scenario 15	CPT25	M	Major	N/A							YES									3.57%
Scenario 16	CPT25	L	None	N/A					YES											0.23%
Scenario 17	CPT25	L	Minor	N/A						YES										2.72%
Scenario 18	CPT25	L	Major	N/A										YES						1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	1%	13%	69%	4%	3%	0%	11%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	1%	14%	83%	86%	89%	89%	100%	100%	100%	100%	100%	100%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	9	100%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential Project # (This is a potential New Plant)

20

Woakwine 2 (120MW Wind)

located in the

SESA

node, near

Millicent

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

84% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A												YES				2.57%
Scenario 3	CPT5	H	Major	N/A												YES				0.86%
Scenario 4	CPT5	M	None	N/A							YES									12.85%
Scenario 5	CPT5	M	Minor	N/A									YES							38.54%
Scenario 6	CPT5	M	Major	N/A											YES					12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A												YES				3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A												YES				0.13%
Scenario 13	CPT25	M	None	N/A								YES								0.51%
Scenario 14	CPT25	M	Minor	N/A													YES			6.12%
Scenario 15	CPT25	M	Major	N/A									YES							3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A									YES							2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	13%	1%	45%	0%	13%	7%	6%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	13%	13%	58%	58%	71%	78%	84%	84%	84%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	6	67%
CPT25	9	5	56%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	3	50%
M	6	6	100%
L	6	2	33%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	2	33%
Minor	6	4	67%
Major	6	5	83%

Other Comments:



Potential Project # (This is a potential New Plant)

21

Woakwine 3 (180MW Wind)

located in the

SESA

node, near

Millicent

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

4% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A													YES			3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	1	11%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	1	17%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	0	0%
Major	6	1	17%

Other Comments:



Potential Project # (This is a potential New Plant)

22 Innamincka 2 (0MW Geothermal) located in the **NSA** node, near **Innamincka**

Initially this project was rated a **Low** likelihood of proceeding, which was deemed to correspond to a **14% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **8% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A										YES						0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A										YES						3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A										YES						2.72%
Scenario 18	CPT25	L	Major	N/A										YES						1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	8%	8%	8%	8%	8%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	0	0	0%
CPT25	9	4	44%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	1	17%
L	6	2	33%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	1	17%
Major	6	3	50%

Other Comments:



Potential Project # (This is a potential New Plant)

23

Robe (600MW Wind)

located in the

SESA

node, near

Robe

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

13% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A										YES						12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A								YES								0.23%
Scenario 12	CPT25	H	Major	N/A										YES						0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	13%	13%	13%	13%	13%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	2	22%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	1	17%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	1	17%
Major	6	2	33%

Other Comments:



Potential Project # (This is a potential New Plant)

24 Penola Stage 2 (23.4MW Geothermal) located in the SESA node, near Penola

Initially this project was rated a Low likelihood of proceeding, which was deemed to correspond to a 14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be 8% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A									YES							3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A								YES								2.72%
Scenario 18	CPT25	L	Major	N/A									YES							1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	3%	5%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	3%	8%	8%	8%	8%	8%	8%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	0	0	0%
CPT25	9	4	44%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	1	17%
L	6	2	33%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	1	17%
Major	6	3	50%

Other Comments:



Potential Project # (This is a potential New Plant)

25

Carmodys Hill (140MW Wind)

located in the

NSA

node, near

Georgetown

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

68% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A						YES										0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A											YES					0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A						YES										38.54%
Scenario 6	CPT5	M	Major	N/A												YES				12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A								YES								10.28%
Scenario 9	CPT5	L	Major	N/A					YES											3.43%
Scenario 10	CPT25	H	None	N/A												YES				0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A												YES				0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A											YES					1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	3%	39%	0%	10%	0%	0%	2%	13%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	3%	42%	42%	52%	52%	52%	55%	68%	68%	68%	68%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	6	67%
CPT25	9	3	33%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	4	67%
M	6	2	33%
L	6	3	50%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	2	33%
Minor	6	2	33%
Major	6	5	83%

Other Comments:



Potential Project # (This is a potential New Plant)

26 Crystal Brook (80MW Wind) located in the **NSA** node, near **Crystal Brook**

Initially this project was rated a **Low** likelihood of proceeding, which was deemed to correspond to a **14% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **79% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A							YES									0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A												YES				0.86%
Scenario 4	CPT5	M	None	N/A												YES				12.85%
Scenario 5	CPT5	M	Minor	N/A								YES								38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A							YES									3.43%
Scenario 8	CPT5	L	Minor	N/A							YES									10.28%
Scenario 9	CPT5	L	Major	N/A										YES						3.43%
Scenario 10	CPT25	H	None	N/A							YES									0.02%
Scenario 11	CPT25	H	Minor	N/A										YES						0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A								YES								6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A							YES									2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	17%	45%	0%	4%	0%	14%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	17%	61%	61%	65%	65%	79%	79%	79%	79%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	7	78%
CPT25	9	5	56%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	5	83%
M	6	3	50%
L	6	4	67%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	4	67%
Minor	6	5	83%
Major	6	3	50%

Other Comments:



Potential Project # (This is a potential New Plant)

27

Green Point (54MW Wind)

located in the

SESA

node, near

Port MacDonnell

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

27% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A							YES									0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A										YES						0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A										YES						10.28%
Scenario 9	CPT5	L	Major	N/A											YES					3.43%
Scenario 10	CPT25	H	None	N/A						YES										0.02%
Scenario 11	CPT25	H	Minor	N/A											YES					0.23%
Scenario 12	CPT25	H	Major	N/A												YES				0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A							YES									6.12%
Scenario 15	CPT25	M	Major	N/A												YES				3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A								YES								2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	6%	3%	0%	11%	4%	4%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	6%	9%	9%	20%	24%	27%	27%	27%	27%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	4	44%
CPT25	9	6	67%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	5	83%
M	6	2	33%
L	6	3	50%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	2	33%
Minor	6	4	67%
Major	6	4	67%

Other Comments:



Potential Project # (This is a potential New Plant)

28

Keyneton (131.1MW Wind)

located in the

NSA

node, near

Keyneton

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

60% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A													YES			0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A								YES								38.54%
Scenario 6	CPT5	M	Major	N/A							YES									12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A									YES							6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A												YES				1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	13%	39%	6%	0%	0%	2%	1%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	13%	51%	58%	58%	58%	59%	60%	60%	60%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	3	33%
CPT25	9	2	22%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	3	50%
L	6	1	17%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	2	33%
Major	6	3	50%

Other Comments:



Potential Project # (This is a potential New Plant)

29

Kulpara 1 (60MW Wind)

located in the

NSA

node, near

Kulpara

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

57% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A								YES								0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A										YES						38.54%
Scenario 6	CPT5	M	Major	N/A											YES					12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A													YES			0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A										YES						2.72%
Scenario 18	CPT25	L	Major	N/A													YES			1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	1%	0%	41%	13%	0%	2%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	1%	1%	42%	55%	55%	57%	57%	57%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	3	33%
CPT25	9	3	33%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	2	33%
L	6	2	33%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	2	33%
Major	6	4	67%

Other Comments:



Potential Project # (This is a potential New Plant)

30

Kulpara 2 (90MW Wind)

located in the

NSA

node, near

Kulpara

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

1% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A										YES						0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	0	0%
Major	6	1	17%

Other Comments:



Potential Project # (This is a potential New Plant)

31

Lincoln Gap (177MW Wind)

located in the

NSA

node, near

Port Augusta

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

38% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

5% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A											YES					0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A											YES					0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A											YES					3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%	5%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	2	22%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	1	17%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	0	0%
Major	6	3	50%

Other Comments:



Potential Project # (This is a potential New Plant)

32 Elliston 1 (16MW Wind) located in the **NSA** node, near **Eyre Peninsula**

Initially this project was rated a **Low** likelihood of proceeding, which was deemed to correspond to a **14% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **60% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A											YES					0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A												YES				38.54%
Scenario 6	CPT5	M	Major	N/A									YES							12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A												YES				3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A												YES				0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A										YES						3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	13%	4%	1%	42%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	13%	16%	17%	60%	60%	60%	60%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	4	44%
CPT25	9	2	22%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	4	67%
L	6	1	17%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	1	17%
Minor	6	1	17%
Major	6	4	67%

Other Comments:



Potential Project # (This is a potential New Plant)

33

Whyalla (28.2MW Solar Thermal)

located in the

NSA

node, near

Whyalla

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

14% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A										YES						0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A											YES					12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A										YES						0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	13%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	14%	14%	14%	14%	14%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	2	22%
CPT25	9	1	11%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	1	17%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	0	0%
Major	6	3	50%

Other Comments:



Potential Project # (This is a potential New Plant)

34 Alinta Gas Turbine (300MW OCGT) located in the **NSA** node, near **Playford**

Initially this project was rated a **Low** likelihood of proceeding, which was deemed to correspond to a **10% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **19% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A						YES										3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A									YES							0.23%
Scenario 12	CPT25	H	Major	N/A							YES									0.13%
Scenario 13	CPT25	M	None	N/A							YES									0.51%
Scenario 14	CPT25	M	Minor	N/A								YES								6.12%
Scenario 15	CPT25	M	Major	N/A									YES							3.57%
Scenario 16	CPT25	L	None	N/A									YES							0.23%
Scenario 17	CPT25	L	Minor	N/A									YES							2.72%
Scenario 18	CPT25	L	Major	N/A									YES							1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	3%	1%	6%	8%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	3%	4%	10%	19%	19%	19%	19%	19%	19%	19%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	8	89%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	3	50%
L	6	4	67%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	2	33%
Minor	6	3	50%
Major	6	4	67%

Other Comments:



Potential
Project # (This is a potential New Plant)

35

Ceres Wind (600MW Wind)

located in the

ADE

node, near

Adelaide via HVDC

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

14% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

8% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A								YES								2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A									YES							3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A									YES							1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	3%	5%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	3%	8%	8%	8%	8%	8%	8%	8%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	2	22%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	1	17%
M	6	1	17%
L	6	1	17%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	6	1	17%
Major	6	2	33%

Other Comments:	
-----------------	--



Potential Project # (This is a potential New Plant)

36 Ceres Pilot Biomass (120MW Biomass) located in the ADE node, near Adelaide via HVDC

Initially this project was rated a **Low** likelihood of proceeding, which was deemed to correspond to a **14% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

37 Point Patterson CCGT (150MW CCGT) located in the NSA node, near Port Augusta

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **5% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

38

Point Patterson Solar Backup (50MW
Solar Thermal)

located in the

NSA

node, near

Port Augusta

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:	
-----------------	--



Potential Project # (This is a potential New Plant)

39 Penola Stage 3 (100MW Geothermal) located in the SESA node, near Penola

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

40 Penola Stage 4 (260MW Geothermal) located in the SESA node, near Penola

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

41

Arckaringa (570MW IGCC)

located in the

NSA

node, near

Arckaringa

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

5% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:	
-----------------	--



Potential Project # (This is a potential New Plant)

42 Innamincka 3 (200MW Geothermal) located in the **NSA** node, near **Innamincka**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

43

Innamincka 4 (200MW Geothermal)

located in the

NSA

node, near

Innamincka

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

44 Kongorong 1 (100MW Wind) located in the **SESA** node, near **Kongorong**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

45 Kongorong 2 (140MW Wind) located in the **SESA** node, near **Kongorong**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

46

Mount Hill 1 (80MW Wind)

located in the

NSA

node, near

Eyre Peninsula

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

47 Mount Hill 2 (100MW Wind) located in the **NSA** node, near **Eyre Peninsula**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

48 Elliston 2 (65MW Wind) located in the **NSA** node, near **Eyre Peninsula**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

49

Lake Hamilton (110MW Wind)

located in the

NSA

node, near

Eyre Peninsula

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

50

Mount Benson (130MW Wind)

located in the

SESA

node, near

Mount Benson

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

51 Lake George (120MW Wind) located in the **SESA** node, near **Lake George**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

52

Sheringa Beach (100MW Wind)

located in the

NSA

node, near

Eyre Peninsula

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

53

Cape Jaffa (200MW Wind)

located in the

SESA

node, near

Cape Jaffa

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

54

Lake Eliza (50MW Wind)

located in the

SESA

node, near

Lake Eliza

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

55 Loch Well Beach (54MW Wind) located in the **NSA** node, near **Eyre Peninsula**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

56

Quorn (50MW Solar PV)

located in the

NSA

node, near

Quorn

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

57 Carnegie Wave (50MW Wave) located in the SESA node, near Port MacDonnell

Initially this project was rated a Very Low likelihood of proceeding, which was deemed to correspond to a 6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be 0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

58

Wave Rider (50MW Wave)

located in the

NSA

node, near

Eyre Peninsula

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

59

Cherokee Stage 2 (250MW OCGT)

located in the

ADE

node, near

Tepco

Initially this project was rated a

Medium

likelihood of proceeding, which was deemed to correspond to a

34% probability of proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

97% probability of proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A											YES					0.09%
Scenario 2	CPT5	H	Minor	N/A											YES					2.57%
Scenario 3	CPT5	H	Major	N/A												YES				0.86%
Scenario 4	CPT5	M	None	N/A											YES					12.85%
Scenario 5	CPT5	M	Minor	N/A														YES		38.54%
Scenario 6	CPT5	M	Major	N/A													YES			12.85%
Scenario 7	CPT5	L	None	N/A													YES			3.43%
Scenario 8	CPT5	L	Minor	N/A													YES			10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A					YES											0.02%
Scenario 11	CPT25	H	Minor	N/A														YES		0.23%
Scenario 12	CPT25	H	Major	N/A									YES							0.13%
Scenario 13	CPT25	M	None	N/A											YES					0.51%
Scenario 14	CPT25	M	Minor	N/A									YES							6.12%
Scenario 15	CPT25	M	Major	N/A												YES				3.57%
Scenario 16	CPT25	L	None	N/A										YES						0.23%
Scenario 17	CPT25	L	Minor	N/A									YES							2.72%
Scenario 18	CPT25	L	Major	N/A									YES							1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	16%	4%	27%	39%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	11%	11%	27%	31%	58%	97%	97%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	8	89%
CPT25	9	9	100%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	5	83%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	6	100%
Minor	6	6	100%
Major	6	5	83%

Other Comments:



Potential
Project # (This is a potential New Plant)

60

Cherokee Stage 3 (250MW OCGT)

located in the

ADE

node, near

Tepco

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

10% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

3% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A														YES		0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A															YES	0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A														YES		0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A												YES				0.13%
Scenario 13	CPT25	M	None	N/A														YES		0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A													YES			1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	1%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	3%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	2	22%
CPT25	9	4	44%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	4	67%
M	6	1	17%
L	6	1	17%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	3	50%
Minor	6	0	0%
Major	6	3	50%

Other Comments:	
-----------------	--



Potential
Project # (This is a potential New Plant)

61

Cherokee Stage 4 (250MW OCGT)

located in the

ADE

node, near

Tepco

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

5% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:	
-----------------	--



Potential
Project # (This is a potential New Plant)

62 **Green Grid Stage 1 (400MW Wind)** located in the **NSA** node, near **Eyre Peninsula**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

63 **Green Grid Stage 2 (400MW Wind)** located in the **NSA** node, near **Eyre Peninsula**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential Project # (This is a potential New Plant)

64 Green Grid Stage 3 (400MW Wind) located in the **NSA** node, near **Eyre Peninsula**

Initially this project was rated a **Very Low** likelihood of proceeding, which was deemed to correspond to a **6% probability of proceeding**

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be **0% probability of proceeding**

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

65

Green Grid Stage 4 (400MW Wind)

located in the

NSA

node, near

Eyre Peninsula

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:



Potential
Project # (This is a potential New Plant)

66

Green Grid Stage 5 (400MW Wind)

located in the

NSA

node, near

Eyre Peninsula

Initially this project was rated a

Very Low

likelihood of proceeding, which was deemed to correspond to a

6% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

0% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A																3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A																0.23%
Scenario 12	CPT25	H	Major	N/A																0.13%
Scenario 13	CPT25	M	None	N/A																0.51%
Scenario 14	CPT25	M	Minor	N/A																6.12%
Scenario 15	CPT25	M	Major	N/A																3.57%
Scenario 16	CPT25	L	None	N/A																0.23%
Scenario 17	CPT25	L	Minor	N/A																2.72%
Scenario 18	CPT25	L	Major	N/A																1.59%
Scenario 19				#N/A																0.0%
Scenario 20				#N/A																0.0%
Scenario 21				#N/A																0.0%
Scenario 22				#N/A																0.0%
Scenario 23				#N/A																0.0%
Scenario 24				#N/A																0.0%
Scenario 25				#N/A																0.0%
Scenario 26				#N/A																0.0%
Scenario 27				#N/A																0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

CPRS Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	0	0%
CPT25	9	0	0%

Load Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	0	0%
M	6	0	0%
L	6	0	0%

Interconnectors Theme-Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	9	0	0%
Minor	9	0	0%
Major	6	0	0%

Other Comments:	
-----------------	--



Potential
Project # (This is a potential Plant Retirement)

1

NPS1 (-271MW Coal)

located in the

NSA

node

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

15% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

19% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A									YES							3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A										YES						0.23%
Scenario 12	CPT25	H	Major	N/A										YES						0.13%
Scenario 13	CPT25	M	None	N/A										YES						0.51%
Scenario 14	CPT25	M	Minor	N/A										YES						6.12%
Scenario 15	CPT25	M	Major	N/A										YES						3.57%
Scenario 16	CPT25	L	None	N/A										YES						0.23%
Scenario 17	CPT25	L	Minor	N/A										YES						2.72%
Scenario 18	CPT25	L	Major	N/A										YES						1.59%
Scenario 19																				0.0%
Scenario 20																				0.0%
Scenario 21																				0.0%
Scenario 22																				0.0%
Scenario 23																				0.0%
Scenario 24																				0.0%
Scenario 25																				0.0%
Scenario 26																				0.0%
Scenario 27																				0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	3%	15%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	3%	19%	19%	19%	19%	19%	19%	

Carbon Policy Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	8	89%

Demand Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	3	50%
L	6	4	67%

Interconnectors Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	6	2	33%
Minor	6	3	50%
Major	6	4	67%

Other Comments:



Potential
Project # (This is a potential Plant Retirement)

2

NPS2 (-271MW Coal)

located in the

NSA

node

Initially this project was rated a

Low

likelihood of proceeding, which was deemed to correspond to a

15% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

19% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A																0.09%
Scenario 2	CPT5	H	Minor	N/A																2.57%
Scenario 3	CPT5	H	Major	N/A																0.86%
Scenario 4	CPT5	M	None	N/A																12.85%
Scenario 5	CPT5	M	Minor	N/A																38.54%
Scenario 6	CPT5	M	Major	N/A																12.85%
Scenario 7	CPT5	L	None	N/A																3.43%
Scenario 8	CPT5	L	Minor	N/A																10.28%
Scenario 9	CPT5	L	Major	N/A									YES							3.43%
Scenario 10	CPT25	H	None	N/A																0.02%
Scenario 11	CPT25	H	Minor	N/A										YES						0.23%
Scenario 12	CPT25	H	Major	N/A										YES						0.13%
Scenario 13	CPT25	M	None	N/A										YES						0.51%
Scenario 14	CPT25	M	Minor	N/A										YES						6.12%
Scenario 15	CPT25	M	Major	N/A										YES						3.57%
Scenario 16	CPT25	L	None	N/A										YES						0.23%
Scenario 17	CPT25	L	Minor	N/A										YES						2.72%
Scenario 18	CPT25	L	Major	N/A										YES						1.59%
Scenario 19																				0.0%
Scenario 20																				0.0%
Scenario 21																				0.0%
Scenario 22																				0.0%
Scenario 23																				0.0%
Scenario 24																				0.0%
Scenario 25																				0.0%
Scenario 26																				0.0%
Scenario 27																				0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	0%	0%	3%	15%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	0%	0%	3%	19%	19%	19%	19%	19%	19%	

Carbon Policy Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	1	11%
CPT25	9	8	89%

Demand Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	2	33%
M	6	3	50%
L	6	4	67%

Interconnectors Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	6	2	33%
Minor	6	3	50%
Major	6	4	67%

Other Comments:



Potential
Project # (This is a potential Plant Retirement)

3 **PLAYB-AG_1 (-50MW Coal)** located in the **NSA** node

Initially this project was rated a **Very High** likelihood of proceeding, which was deemed to correspond to a

70% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A								YES								0.09%
Scenario 2	CPT5	H	Minor	N/A								YES								2.57%
Scenario 3	CPT5	H	Major	N/A								YES								0.86%
Scenario 4	CPT5	M	None	N/A								YES								12.85%
Scenario 5	CPT5	M	Minor	N/A								YES								38.54%
Scenario 6	CPT5	M	Major	N/A								YES								12.85%
Scenario 7	CPT5	L	None	N/A							YES									3.43%
Scenario 8	CPT5	L	Minor	N/A							YES									10.28%
Scenario 9	CPT5	L	Major	N/A							YES									3.43%
Scenario 10	CPT25	H	None	N/A								YES								0.02%
Scenario 11	CPT25	H	Minor	N/A								YES								0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A							YES									0.51%
Scenario 14	CPT25	M	Minor	N/A							YES									6.12%
Scenario 15	CPT25	M	Major	N/A							YES									3.57%
Scenario 16	CPT25	L	None	N/A							YES									0.23%
Scenario 17	CPT25	L	Minor	N/A							YES									2.72%
Scenario 18	CPT25	L	Major	N/A							YES									1.59%
Scenario 19																				0.0%
Scenario 20																				0.0%
Scenario 21																				0.0%
Scenario 22																				0.0%
Scenario 23																				0.0%
Scenario 24																				0.0%
Scenario 25																				0.0%
Scenario 26																				0.0%
Scenario 27																				0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	32%	68%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	32%	100%	100%	100%	100%	100%	100%	100%	100%	

Carbon Policy Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Demand Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	6	6	100%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential
Project # (This is a potential Plant Retirement)

4

PLAYB-AG_2 (-50MW Coal)

located in the

NSA

node

Initially this project was rated a **Very High** likelihood of proceeding, which was deemed to correspond to a

70% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A								YES								0.09%
Scenario 2	CPT5	H	Minor	N/A								YES								2.57%
Scenario 3	CPT5	H	Major	N/A								YES								0.86%
Scenario 4	CPT5	M	None	N/A								YES								12.85%
Scenario 5	CPT5	M	Minor	N/A								YES								38.54%
Scenario 6	CPT5	M	Major	N/A								YES								12.85%
Scenario 7	CPT5	L	None	N/A							YES									3.43%
Scenario 8	CPT5	L	Minor	N/A							YES									10.28%
Scenario 9	CPT5	L	Major	N/A							YES									3.43%
Scenario 10	CPT25	H	None	N/A								YES								0.02%
Scenario 11	CPT25	H	Minor	N/A								YES								0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A							YES									0.51%
Scenario 14	CPT25	M	Minor	N/A							YES									6.12%
Scenario 15	CPT25	M	Major	N/A							YES									3.57%
Scenario 16	CPT25	L	None	N/A							YES									0.23%
Scenario 17	CPT25	L	Minor	N/A							YES									2.72%
Scenario 18	CPT25	L	Major	N/A							YES									1.59%
Scenario 19																				0.0%
Scenario 20																				0.0%
Scenario 21																				0.0%
Scenario 22																				0.0%
Scenario 23																				0.0%
Scenario 24																				0.0%
Scenario 25																				0.0%
Scenario 26																				0.0%
Scenario 27																				0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	32%	68%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	32%	100%	100%	100%	100%	100%	100%	100%	100%	

Carbon Policy Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Demand Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	6	6	100%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential
Project # (This is a potential Plant Retirement)

5 **PLAYB-AG_3 (-50MW Coal)** located in the **NSA** node

Initially this project was rated a **Very High** likelihood of proceeding, which was deemed to correspond to a

70% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A								YES								0.09%
Scenario 2	CPT5	H	Minor	N/A								YES								2.57%
Scenario 3	CPT5	H	Major	N/A								YES								0.86%
Scenario 4	CPT5	M	None	N/A								YES								12.85%
Scenario 5	CPT5	M	Minor	N/A								YES								38.54%
Scenario 6	CPT5	M	Major	N/A								YES								12.85%
Scenario 7	CPT5	L	None	N/A							YES									3.43%
Scenario 8	CPT5	L	Minor	N/A							YES									10.28%
Scenario 9	CPT5	L	Major	N/A							YES									3.43%
Scenario 10	CPT25	H	None	N/A								YES								0.02%
Scenario 11	CPT25	H	Minor	N/A								YES								0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A							YES									0.51%
Scenario 14	CPT25	M	Minor	N/A							YES									6.12%
Scenario 15	CPT25	M	Major	N/A							YES									3.57%
Scenario 16	CPT25	L	None	N/A							YES									0.23%
Scenario 17	CPT25	L	Minor	N/A							YES									2.72%
Scenario 18	CPT25	L	Major	N/A							YES									1.59%
Scenario 19																				0.0%
Scenario 20																				0.0%
Scenario 21																				0.0%
Scenario 22																				0.0%
Scenario 23																				0.0%
Scenario 24																				0.0%
Scenario 25																				0.0%
Scenario 26																				0.0%
Scenario 27																				0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	32%	68%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	32%	100%	100%	100%	100%	100%	100%	100%	100%	

Carbon Policy Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	9	9	100%
CPT25	9	9	100%

Demand Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	6	6	100%
Minor	6	6	100%
Major	6	6	100%

Other Comments:



Potential
Project # (This is a potential Plant Retirement)

6

PLAYB-AG_4 (-50MW Coal)

located in the

NSA

node

Initially this project was rated a

Very High

likelihood of proceeding, which was deemed to correspond to a

70% probability of
proceeding

The FINAL Project Probability for this project was calculated (across all developed scenarios) to be

100% probability of
proceeding

The following table illustrates the year in which (for each scenario) the plant is assumed to be fully operational:

	Carbon Policy	Demand Growth	Interconnectors	Sensitivity	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	Final Scenario Probability
Scenario 1	CPT5	H	None	N/A								YES								0.09%
Scenario 2	CPT5	H	Minor	N/A								YES								2.57%
Scenario 3	CPT5	H	Major	N/A								YES								0.86%
Scenario 4	CPT5	M	None	N/A								YES								12.85%
Scenario 5	CPT5	M	Minor	N/A								YES								38.54%
Scenario 6	CPT5	M	Major	N/A								YES								12.85%
Scenario 7	CPT5	L	None	N/A							YES									3.43%
Scenario 8	CPT5	L	Minor	N/A							YES									10.28%
Scenario 9	CPT5	L	Major	N/A							YES									3.43%
Scenario 10	CPT25	H	None	N/A								YES								0.02%
Scenario 11	CPT25	H	Minor	N/A								YES								0.23%
Scenario 12	CPT25	H	Major	N/A								YES								0.13%
Scenario 13	CPT25	M	None	N/A							YES									0.51%
Scenario 14	CPT25	M	Minor	N/A							YES									6.12%
Scenario 15	CPT25	M	Major	N/A							YES									3.57%
Scenario 16	CPT25	L	None	N/A							YES									0.23%
Scenario 17	CPT25	L	Minor	N/A							YES									2.72%
Scenario 18	CPT25	L	Major	N/A							YES									1.59%
Scenario 19																				0.0%
Scenario 20																				0.0%
Scenario 21																				0.0%
Scenario 22																				0.0%
Scenario 23																				0.0%
Scenario 24																				0.0%
Scenario 25																				0.0%
Scenario 26																				0.0%
Scenario 27																				0.0%
Probability of Proceeding in this Year:					0%	0%	0%	0%	0%	0%	32%	68%	0%	0%	0%	0%	0%	0%	0%	
Cumulative Probability					0%	0%	0%	0%	0%	0%	32%	100%	100%	100%	100%	100%	100%	100%	100%	

Carbon Policy Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
CPT5	6	6	100%
CPT25	9	9	100%

Demand Growth Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
H	6	6	100%
M	6	6	100%
L	6	6	100%

Interconnectors Theme Set			
	Number of scenarios with this theme	Number of scenarios in which project proceeds	Percentage of relevant scenarios
None	6	6	100%
Minor	6	6	100%
Major	6	6	100%

Other Comments: