



# NABERS

Annual Report  
2020–21



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**Carlos Flores**  
Director of NABERS

## Welcome

### Welcome letter from Carlos Flores

Last financial year was off to one of the hardest starts possible: a global pandemic and Australia's first recession in three decades. And despite the uncertainty created by historically-adverse circumstances, sustainability defied all odds to reach new highs in importance in Australian buildings last year. In fact, the number of NABERS ratings not only didn't decline, but it grew by 11% in FY20-21. At NABERS, we are incredibly proud of all of you in the broader NABERS community for walking the walk for the planet no matter what the circumstances. We are also thankful to the Commonwealth Government, for providing financial support to many organisations in the NABERS community so they could continue their great work during this difficult year.

A salient trend this year was the huge number of organisations who are expanding their work in sustainability beyond just energy efficiency and carbon. Organisations conducting a NABERS Water rating grew by 17% this year, the fastest jump in interest in water efficiency we have seen in a decade. We also saw a whopping 41% increase in buildings conducting a NABERS Indoor Environment rating. With 4.4 million m<sup>2</sup> of office space measuring and setting targets for health and comfort with NABERS IE annually, Australian offices are leading the charge towards healthier buildings globally.

To cap it all off, buildings with NABERS Waste ratings grew by an incredible 79.2%, becoming the fastest-growing NABERS tool to date. I see this as a reflection of the incredible momentum there is behind the circular economy movement, and a step towards buildings becoming a powerful force for change in this space. This year has shown that sustainability has become a resilient, deep movement, which fills me with optimism for we will achieve as we leave the worst impacts of the pandemic behind.

Last but not least, last year we were also fortunate to work with leaders in residential aged care and retirement living, to expand NABERS to those two sectors. Caring for our senior members of society is among the most noble of causes, and we are incredibly excited to assist these values-based organisations in their sustainability journey. From us all, welcome to the NABERS community.

Accelerating the pace of sustainable change is more important now than ever before. The window to transform into a sustainable world is narrow, and the pace of change needed requires government and industry to work closely together. We look forward to continuing to work with you to help Australian buildings set the pace towards the sustainable future we all need.





**Nicholas Burt**  
Chief Executive,  
Facilities Management  
Association of Australia

## Welcome letter from Stakeholder Chair

### Nicholas Burt – Acting Deputy Chair – NABERS Steering Committee

The 2021 financial year saw all of us continue to adapt and rise to the new challenges of operating in the COVID-19 environment. This did not deter NABERS from progressively working toward achieving the outcomes set in the strategic plan. The goals were ambitious, but with the support of the Commonwealth government and State governments the NABERS team were able to embark on a program to transform different sectors of the built environment.

NABERS continued to support both customers and assessors in response to the varying and challenging operating environments across Australia. The launch of NABERS ratings for Aged Care and Retirement Living sectors brings NABERS closer to its goal of rating every building – a significant achievement for the built environment sector. Expansion into new sectors continues to be a focus of NABERS and the great progress made has been a highlight of the past year.

Notwithstanding all the work in new areas, NABERS continues to see growth in take up across existing areas including waste, water and indoor environment. This is a real testament to the broad support of NABERS and its role in supporting the built environment to move to a position that is more sustainable.

Another noteworthy achievement in the past year is the use of NABERS in New Zealand and the United Kingdom. This international recognition of NABERS as an important tool to assist in driving change in the built environment is very pleasing to see.

As the recently appointed Acting Stakeholder Chair and a long-term advocate of the work NABERS undertakes, it is a privilege and pleasure to welcome you to the NABERS annual report on behalf of all stakeholder members.



**Lesley Dowling**  
General Manager,  
Industrial Energy  
Efficiency Branch  
Department of Industry,  
Science, Energy and  
Resources

## Welcome letter from Government Chair

### Lesley Dowling – NABERS Steering Committee

As you know, investing in energy efficiency leads to a variety of benefits including increasing jobs, lowering energy costs and reducing emissions. NABERS has been highly effective in driving efficiency improvements in individual buildings which is why the Commonwealth Government has committed funding the expansion of NABERS into new sectors through the Climate Solutions Package.

At the start of the year some building owners were considering not re-rating due to the COVID-19 slowdown. The Commonwealth Government has continued the success of the 'fee waiver' from the beginning of the pandemic supporting existing NABERS users and attracting new participants. The number of ratings this year shows this has kept involvement with NABERS strong.

I look forward to working with the members of the National Steering Committee and the wider NABERS community to continue improving the measurement and management of building performance.

# Major Achievements

## Preparing for the decade to deliver

### Participation in NABERS grew by 11% for another record-breaking year

Over the last 12 months customers have been putting their sustainability commitment and performance management at the forefront of their plans. They are rating more of their floorspace, obtaining a more holistic view of building performance with waste and indoor environment ratings. We also saw years of work coming to fruition with considerable increase in those committing to and obtaining carbon neutral ratings.

Some highlights from FY21 include:

- Waste ratings grew by **104%**
- Carbon Neutral ratings grew by a further **68%** after more than doubling last year
- Indoor environment ratings saw **41%** growth
- Hotel ratings grew by **283%**

### We welcomed our new NABERS Steering Committee to guide us into the next decade

It's about who you have in your corner in the fight against climate change and for the planet. We are very pleased that this year 14 industry organisations have joined us on the NABERS Steering Committee (NSC) as stakeholder members for a three-year term.

Stakeholder members form an immensely valuable part of NABERS' governance, providing crucial industry insights which contribute to NABERS' strategic direction and business planning. While stakeholder members are non-voting, they actively participate and provide input into all decisions made by government members of the NABERS Steering Committee.

We welcomed Francesca Muskovic (National Policy Manager – Sustainability and Regulatory Affairs, Property Council of Australia) back for a second term as the NSC Stakeholder Chair and Nicholas Burt (Chief Executive Officer, Facility Management Association of Australia) as the NSC Stakeholder Deputy Chair. We also welcome Lesley Dowling, General Manager – Industrial Energy Efficiency Branch at the Commonwealth Department of Industry, Science, Energy and Resources as our new NSC Government Chair.

"We are very fortunate to have a Steering Committee made of Australia's leading building sustainability organisations, both in industry as well as government," says Carlos Flores, Director, NABERS. "We are also excited to welcome members from new sectors to NABERS, such as apartment buildings and residential aged care, as well as from indoor environmental quality, which is one of our highest growth areas in recent years."

## More sectors than ever are now ready to rate with a successful expansion into residential aged care and retirement living

The launch of NABERS into residential aged care and retirement living meant much of 2020-21 was spent working with leading organisations in these sectors. Their expert insights were key to help us understand how these sectors work, and what it takes to create sustainable buildings that can deliver what their senior occupants need.

It heralds a large step forward for these sectors in being able to manage and celebrate their buildings' environmental performance and progress towards net-zero emissions.

We gathered data from more than 300 facilities across Australia to develop the NABERS star ratings.

Upon completion of the tool, 16 buildings participated in a detailed pilot which resulted in a more robust final benchmark.

The next sectors planned for NABERS expansion are warehouses and cold stores, expected to launch in 2022.

The expansion projects are a joint national initiative by States, Territories, and the Australian Governments. The project was funded by the Commonwealth Department of Industry, Science, Energy and Resources (DISER).



*Warrigal Queanbeyan is a co-located facility, its Retirement Living part is rated 6 stars NABERS Energy*

## We might not have been able to travel out of Australia this year, but our tools have managed the hop across the ocean with a well-received NABERS UK launch

Not only have we launched into new sectors in Australia, but in November 2020 the NABERS United Kingdom scheme was launched. This included a NABERS Energy for offices tool as well as Design for Performance Agreements (the equivalent to a NABERS Commitment Agreement) available across the UK.

Industry stakeholders in the UK identified a real need for an operational rating tool for the UK market to provide a fair and credible way of measuring the in-use energy performance of buildings. The Better Buildings Partnership (BBP), a UK membership organisation dedicated to improving the sustainability performance of the property sector worked with our team to bring Australian best practice to the UK.

Recognising the benefits of sharing learnings and experience for the common good, the NABERS team collaborated with the BBP, its members and technical partners to help create the NABERS UK scheme. The scheme was licensed to BRE, who has since become the NABERS UK scheme administrator. We are really proud of working with BBP and BRE in this international partnership, and for the opportunity to share what we have learnt in Australia for the benefit of others and the planet.



*Above: NABERS United Kingdom Logo, Building Better Partnerships (BBP) Logo, BRE logo*



## The NABERS Sustainable Portfolios Index broadened its reach, and NABERS Energy ratings are used as a lynchpin in more sustainability linked loans

In April 2021 we released the third NABERS Sustainable Portfolios Index (SPI), which showcases the proven environmental performance of the top 43 building portfolios and funds across the country. It is globally unique in that it provides a public, whole portfolio view of actual performance in terms of emissions, energy and water usage, waste and indoor environment quality. It also tracks progress over time.

Here are some of the highlights from the NABERS Sustainable Portfolios Index (SPI) this year. We saw:

- 24% of all offices in Australia now represented in the SPI
- A 13% increase in property portfolios participating in the SPI
- A 27% increase in funds disclosing their portfolio NABERS Indoor Environment performance
- Three 100% Carbon Neutral portfolios

This year's Index also showed that 82% of participating offices buildings now have a net zero commitment. That represents over 5.3 million sqm or 18% of national office building stock according to the Property Council of Australia. Two years ago, NABERS went one step further by offering Climate Active Carbon Neutral certification for buildings.

Investors in the property sector are placing increased importance on mitigation of climate risks in buildings. This has been brought into sharper focus following a year of unprecedented global challenges in 2020.

Key sustainability finance players also see the NABERS SPI as an important source of information for mobilising capital investment in low-carbon assets and technology. For instance, NABERS portfolio ratings are used as the benchmark for banks providing sustainability linked loans.

Office

Energy rating

Water rating

Indoor rating

Waste rating

Portfolio profiles

Shopping Centre

Energy rating

Water rating

Portfolio profiles

Carbon Neutral

Net Zero commitment

		Portfolio Energy rating				
Rank	Portfolio	Company	without GreenPower	with GreenPower	Portfolio rated %	Assets rated
1	Cbus Property	CBUS Property	<div><div></div></div> 5.5	<div><div></div></div> 5.5	100%	7
1	Lendlease Barangaroo International Towers	Lendlease	<div><div></div></div> 5.5	<div><div></div></div> 5.5	100%	4
2	Collins Square	New Walker Corporation	<div><div></div></div> 5.4	<div><div></div></div> 5.4	100%	5
3	GPT Office	GPT	<div><div></div></div> 5.2	<div><div></div></div> 5.5	100%	12
3	Local Government Property Fund	Local Government Super	<div><div></div></div> 5.2	<div><div></div></div> 6.0	100%	4
4	Cromwell Diversified Property Trust	New Cromwell	<div><div></div></div> 5.1	<div><div></div></div> 5.1	100%	14
4	GPT Group Office	GPT	<div><div></div></div> 5.1	<div><div></div></div> 5.8	100%	23
5	Australian Prime Property Fund (APPF) Commercial	Lendlease	<div><div></div></div> 5.0	<div><div></div></div> 5.3	100%	15
5	Brookfield Premier Real Estate Partners Australia	Brookfield	<div><div></div></div> 5.0	<div><div></div></div> 5.0	100%	4
5	GPT Wholesale Office Fund (GWOF)	GPT	<div><div></div></div> 5.0	<div><div></div></div> 6.0	100%	16
5	ISPT	ISPT	<div><div></div></div> 5.1	<div><div></div></div> 5.1	99%	28
6	Charter Hall (CPOF)	Charter Hall	<div><div></div></div> 4.9	<div><div></div></div> 4.9	100%	20
6	Investa Commercial Property Fund (ICPF)	Investa	<div><div></div></div> 4.9	<div><div></div></div> 4.9	100%	12

Left: NABERS SPI covers offices and shopping centres, as well as carbon neutral commitments and achievements

## NABERS ratings now capture the greening of the grid

To ensure that NABERS Energy ratings accurately reflect the latest emissions related to different energy sources, we updated the emissions factors used to calculate NABERS Energy ratings for all building types in July 2021.

Emissions factors, also known as the National Greenhouse Accounts (NGA) factors, are used in NABERS Energy ratings to enable the comparison of the emissions associated with the use of different energy sources. The emissions related to electricity use have been falling with the increased amount of renewable energy in the grid.

A next step for the team is to deliver transparency around renewable energy sources and extend our recognition of accredited renewable energy to sources beyond GreenPower. We are developing a renewable energy indicator designed to shed light on a building's procurement of renewable energy. Watch this space.



*Solar Panels feed renewable energy into the grid*

## Supporting the NABERS community through a challenging year

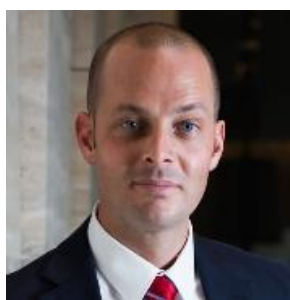
### Enabling progress through agile Rulings and more funding and fee-waivers than ever before

At the beginning of the financial year we partnered with the Commonwealth Government to announce funding and fee-waivers to assist our customers and Assessors during the COVID-19 pandemic. We removed rating fees for all NABERS ratings – both new and renewing – for most building types, from July 1, 2020.

Building owners still paid the Assessor fees, enabling Assessors to continue to employ staff by stimulating demand for their services. Building owners could combine multiple ratings to save more on fees. That means customers were more likely to conduct additional ratings such as NABERS Water, Indoor Environment or Waste. We also announced a 100% fee waiver for NABERS Assessors accreditation fees so Assessors could continue to do their great work despite trying financial circumstances due to the pandemic.

Building owners could combine multiple ratings to save more on fees. That means customers were more likely to conduct additional ratings such as NABERS Water, Indoor Environment or Waste.

We have continued to take an agile approach to deal with new challenges the pandemic has posed to conducting NABERS ratings. Over the last financial year, the ruling document Managing Impacts of COVID-19 on NABERS Ratings had five updates to account for the shifting nature of the pandemic, and the document has seen continual usage by assessors as jurisdictions enter and exit lockdowns. We are heartened by the kind messages we have received from owners and Assessors our response to COVID, and we thank you for all the huge volume of insights and expertise you gave us to help us make it happen Jay Gualtieri, Managing Director of Ausenviro noted:



*“The ability to make the right calls in trying circumstances is credit to the NABERS department and I am very thankful for their leadership and conviction in such trying circumstances.”*

Jay Gualtieri, Managing Director of Ausenviro

This approach ensured that we supported our valued Assessor community, and stimulated demand for sustainability services.

This supported:

- **563 NABERS Assessors** to renew their accreditation.
- **744 fee-free NABERS ratings** lodged by Australian businesses.

In addition to this there were several other highly successful grants and offers in conjunction with key partners.

## Small shopping centre offer

In March 2021, NABERS launched a new offer for first time small shopping centre rating customers across Australia to get a free Energy rating. The offer, funded by the Commonwealth Department of Industry, Science, Energy and Resources (DISER) included waiving both the NABERS Energy rating certification fee and a significant financial contribution towards the associated Assessor fees for small shopping centres.

46 small shopping centres (between 5,000 –15,000 m<sup>2</sup>) took advantage of the offer and were rated for the first time.

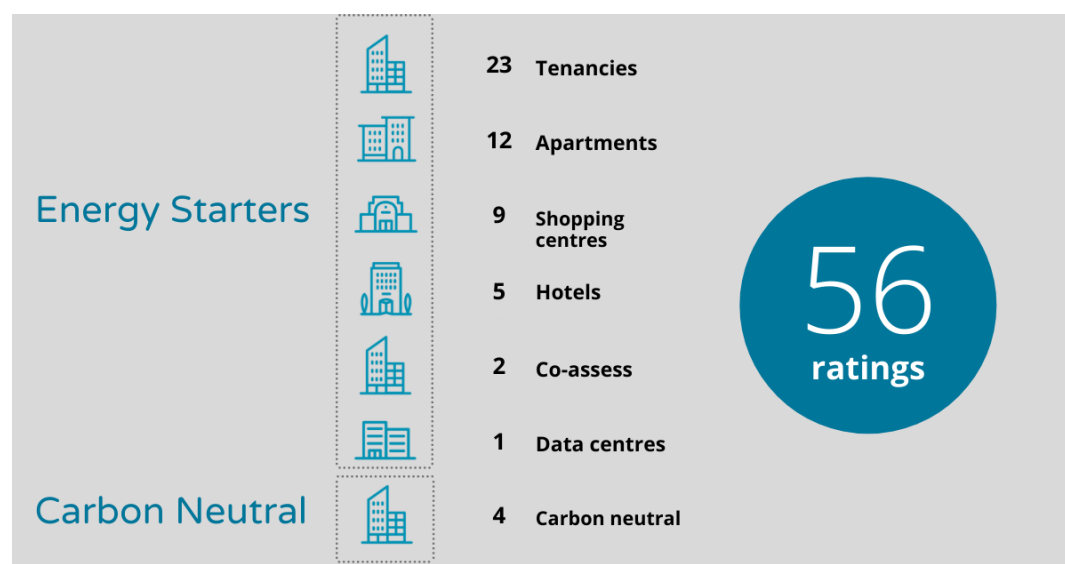
## Energy Starters and Carbon Neutral Leaders pilot offer (NSW)

With support from the NSW Government, NABERS launched an offer designed to support buildings in NSW to measure and improve their environmental performance. It provided a zero-cost energy or carbon neutral rating to buildings that had never rated before. The offer waived the NABERS rating certification fee and made a significant financial contribution towards the associated Assessor fees for NSW buildings in specific sectors.

The aim of the project was to help speed up the transition to net zero emissions buildings, with a specific focus on energy efficiency. The offer was available to:

- **Energy Starters** – For buildings that are just getting started and had not rated with NABERS Energy before
- **Carbon Neutral Leaders** – For buildings that were considering NABERS Carbon Neutral and have not achieved certification before. (Offer excluded the cost of carbon offsets).

56 buildings and tenancies benefitted from the offer across a range of different sectors.



*Breakdown of total ratings across participating sectors*

## Sole trader grants

Early on in the pandemic, ARBS Foundation generously offered 8 grants for sole traders to enrol in the NABERS Energy & Water for Offices training course. The subsidies were equivalent to 80% of the course fees. The purpose of this grant was to encourage more sole traders to become NABERS Assessors. The scheme was very popular, and all places were quickly filled up.



## Providing future proofed solutions to meet tomorrow's sustainability needs today

### We launched our new state-of-the-art assessment platform, NABERS Perform

The NABERS Perform platform marks one of the most radical improvements to NABERS since the program began, recognising the role technology will play in the transition to net zero.

As a first step towards unifying all NABERS input platforms, we launched NABERS Perform in April 2021, a new human-centred cloud platform for conducting NABERS ratings faster and more efficiently. Backed by extensive research with Assessors, NABERS Perform is easy to use, reducing the amount of manual work conducted by NABERS Assessors and enabling them to complete ratings in less time.

In April 2021, we transitioned shopping centre ratings over to the new platform. It improves the user experience and makes data easier to access. It is a significant upgrade from current platforms such as Rate and Members which it will replace entirely over time.

Through NABERS Perform, Assessors working with shopping centre ratings can:

- easily compare with last rating data to detect inconsistencies and improve quality of the ratings
- check and correct errors quickly and easily with real-time data validations
- copy and paste straight from Excel

The easy access to rating data means customers will benefit from even higher quality ratings, and this data can help the industry to learn and adapt for future improvements. The platform will unite existing platforms and internal processes, helping NABERS scale to more sectors.

We're also making it easier to do business with a new and improved payment gateway. Under a pilot, the new system is now available for Residential Aged Care and Retirement Living sectors and NABERS hopes to roll out more widely in the next financial year.

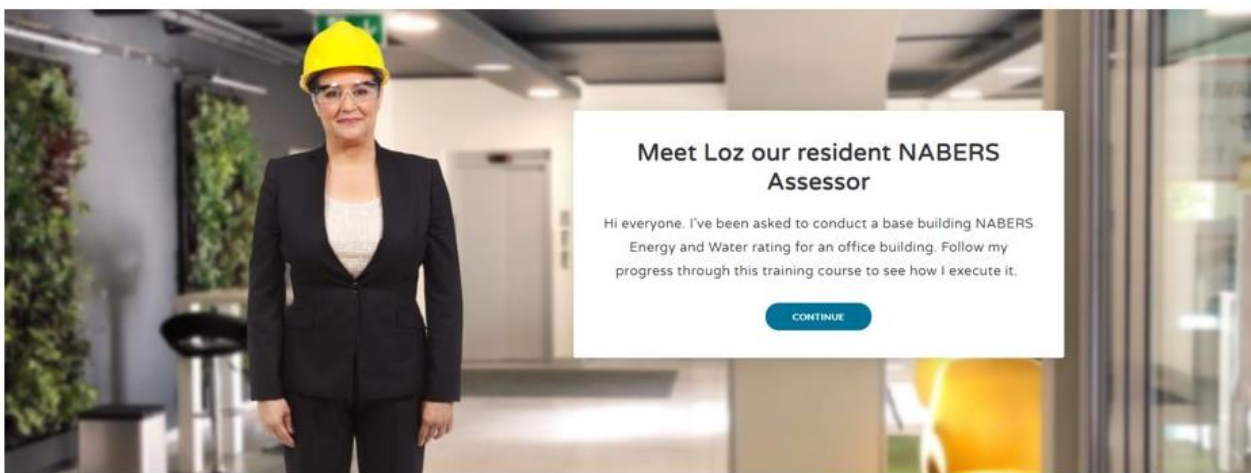
## More people are becoming a NABERS Accredited Assessor from the comfort of their own home

Based on trainee feedback, our most popular course, Energy & Water for Offices was transformed into a purely self-paced online course. In a world where travel has become more difficult, this now allows for individuals across the country to enroll whenever they want and wherever they are. As part of the enrolment fee we also provide a one-on-one session with a NABERS trainer who helps answer any open questions the trainee may have. This move towards highly accessible content is continuing. Moving forward all our accreditation courses will be offered as self-paced, modular training.

We launched a new online prerequisite training module called Metering & Consumption. This covers the basics of different meter types, how to read single line diagrams, and what to look for during a site visit. This was much-needed content all our Energy Assessors should know before collecting rating data. Trainee feedback has been very positive:

*“The real-world examples showing single line diagrams, switchboards, and photos of meters and wiring were great. Walking through the steps of the rating as the Assessor was very useful and would give newer Assessors a great idea about what to expect on site.”*

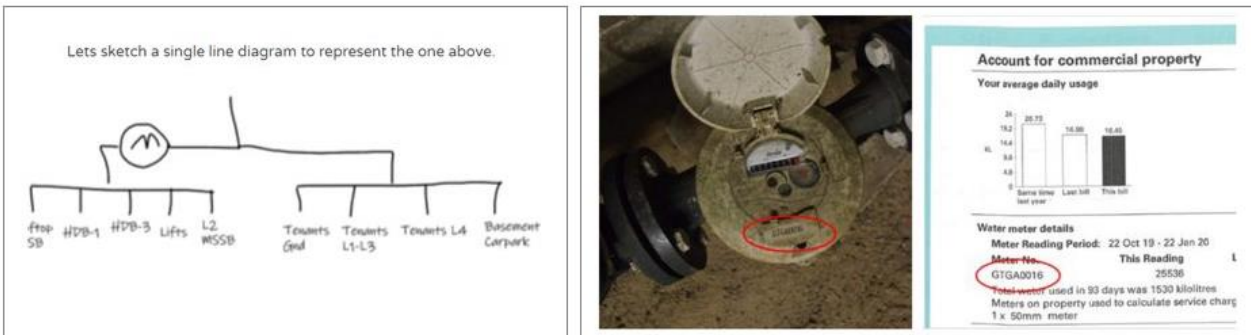
We also launched our new training session for Residential Aged Care and Retirement Living, which was extremely popular. Over 90 people attended the training.



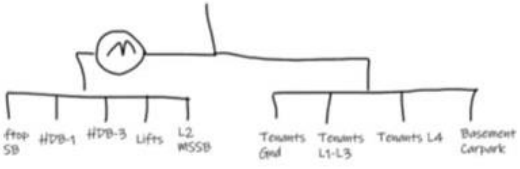
**Meet Loz our resident NABERS Assessor**

Hi everyone. I've been asked to conduct a base building NABERS Energy and Water rating for an office building. Follow my progress through this training course to see how I execute it.


[CONTINUE](#)

Lets sketch a single line diagram to represent the one above.



Top SB HDB-1 HDB-3 Lifts L2 WSSB Towers Gnd Towers L1-L3 Towers L4 Basement Carpark

**Account for commercial property**

Your average daily usage

Usage	Same time last year	Last 12M	This 12M
Usage	18.2	16.08	10.45

**Water meter details**

Meter Reading Period: 22 Oct 19 - 22 Jan 20

Meter No.	This Reading
GTGA0016	25536

Total water used in 93 days was 1530 kilolitres  
Meters on property used to calculate service charge  
1 x 50mm meter

*Above: Metering and consumption pre-requisite online course*

## Rules were refined to cater to improving NABERS technology

We released a major version update to the Energy & Water for Shopping Centre Rules to coincide with the release of NABERS Perform. This release of the Rules incorporates feedback from Assessors on how to make ratings simpler to achieve, without compromising accuracy.

Also released were the new Thermal Energy System rules. The new Rules responds to feedback from Assessors and customers that the rules could be simplified, again reducing the cost and time taken to do a rating. The rules will allow buildings to better use thermal metering to record energy and water consumption, aiding in scalability of the NABERS program to buildings that previously could not be rated.

## We're gearing up to continuously improve our ability to meet the needs of Assessors with the annual NABERS satisfaction survey

At the end of FY2021, NABERS launched the NABERS Assessor Satisfaction Survey. It is designed to capture the Assessors' experience with our tools and service. Run over three weeks, all active NABERS Assessors were invited to provide feedback in five key areas:

- General communications
- Level 1 Audits
- Level 2 Audits
- Training
- Rules Management

The results of this year's survey will inform changes to operations in the new financial year and serve as a baseline to compare against results in future surveys.

Overall, 85% of Assessors were either satisfied or somewhat satisfied with the work of the NABERS team. The highest rates of satisfaction around the questions of professionalism of the NABERS staff, with an average of 94% of Assessors either satisfied or somewhat satisfied. We do not want these to be just vanity metrics, but a way for us to systematically improve and provide a better service to all of you who are making a real difference in the field. We're looking forward to strengthening the relationship even further in the next financial year.

## A better future for the built environment is in the stars

Overall a challenging year has been a success for sustainability. With more ratings, more incentives, more training, and more appetite than ever before.

We are prepared for the decade to deliver. We tried hard to support the NABERS community through unprecedented circumstances in FY21, and we are focusing on continuous improvement to provide future-proofed solutions to meet tomorrow's sustainability needs. We are energised by the positive change our NABERS community are driving, and by the many partnerships we are seeing across in Australia and overseas. We look forward to another year of being united in action. With results like these, it's hard not to think that a better future for the built environment is written in the stars.





# Statistics

## Program Statistics FY2020–21

### Percentage % Office ENERGY Whole/Base Building Star Ratings – with GreenPower

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	2%	2%	0%	4%	3%	4%	4%	10%	26%	28%	13%	2%
<b>NSW</b>	3%	1%	0%	1%	3%	4%	4%	12%	16%	28%	23%	6%
<b>NT</b>	8%	0%	4%	8%	0%	0%	8%	8%	13%	38%	13%	0%
<b>QLD</b>	5%	1%	1%	3%	2%	5%	7%	10%	15%	33%	17%	2%
<b>SA</b>	3%	0%	3%	1%	3%	4%	8%	18%	23%	17%	13%	7%
<b>VIC</b>	4%	1%	1%	1%	3%	6%	10%	16%	22%	18%	12%	6%
<b>WA</b>	6%	3%	4%	3%	3%	8%	9%	17%	18%	19%	10%	1%
<b>TAS</b>	0%	0%	0%	4%	8%	4%	20%	16%	16%	16%	16%	0%
<b>NATIONAL</b>	4%	1%	1%	2%	3%	5%	7%	13%	19%	25%	16%	4%

## Percentage % Office ENERGY Tenancy Star Ratings – with GreenPower

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	0%	0%	2%	2%	2%	2%	2%	2%	16%	29%	33%	9%
<b>NSW</b>	1%	0%	2%	1%	0%	3%	1%	5%	8%	30%	30%	20%
<b>NT</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%
<b>QLD</b>	4%	0%	0%	0%	0%	7%	0%	29%	25%	25%	7%	4%
<b>SA</b>	0%	0%	0%	0%	0%	0%	0%	7%	7%	50%	29%	7%
<b>VIC</b>	0%	0%	0%	0%	0%	0%	2%	8%	9%	26%	36%	19%
<b>WA</b>	0%	0%	0%	0%	7%	3%	3%	13%	20%	30%	23%	0%
<b>TAS</b>	0%	0%	0%	0%	0%	0%	0%	25%	50%	0%	25%	0%
<b>NATIONAL</b>	1%	0%	1%	1%	1%	2%	2%	8%	12%	30%	29%	14%

## Percentage % Office ENERGY Whole/Base Building Star Ratings – without GreenPower

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	2%	2%	0%	4%	3%	4%	4%	10%	26%	30%	12%	2%
<b>NSW</b>	3%	1%	1%	1%	3%	4%	5%	12%	16%	28%	22%	5%
<b>NT</b>	8%	0%	4%	8%	0%	0%	8%	8%	13%	38%	13%	0%
<b>QLD</b>	5%	1%	1%	3%	2%	5%	7%	10%	15%	33%	17%	2%
<b>SA</b>	3%	0%	3%	1%	3%	4%	8%	18%	23%	18%	11%	7%
<b>VIC</b>	4%	1%	1%	1%	3%	6%	10%	16%	22%	18%	12%	6%
<b>WA</b>	6%	3%	4%	3%	3%	8%	9%	17%	18%	19%	10%	1%
<b>TAS</b>	0%	0%	0%	4%	8%	4%	20%	16%	16%	16%	16%	0%
<b>NATIONAL</b>	4%	1%	1%	2%	3%	5%	7%	13%	18%	25%	16%	4%

## Percentage % Office ENERGY Tenancy Star Ratings – without GreenPower

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	0%	0%	2%	2%	2%	2%	2%	2%	16%	31%	31%	9%
<b>NSW</b>	1%	0%	2%	1%	1%	2%	1%	5%	9%	36%	32%	10%
<b>NT</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%
<b>QLD</b>	4%	0%	0%	0%	0%	7%	0%	32%	21%	25%	7%	4%
<b>SA</b>	0%	0%	0%	0%	0%	0%	0%	7%	7%	50%	29%	7%
<b>VIC</b>	0%	0%	0%	0%	0%	0%	2%	8%	9%	26%	42%	13%
<b>WA</b>	0%	0%	0%	0%	7%	3%	3%	13%	20%	30%	23%	0%
<b>TAS</b>	0%	0%	0%	0%	0%	0%	0%	25%	50%	0%	25%	0%
<b>NATIONAL</b>	1%	0%	1%	1%	1%	2%	2%	9%	12%	33%	30%	9%

## Percentage % Office WATER Star Ratings

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	7%	2%	2%	2%	5%	7%	7%	13%	20%	24%	7%	4%
<b>NSW</b>	2%	0%	1%	1%	4%	6%	16%	24%	24%	10%	8%	3%
<b>NT</b>	0%	0%	0%	0%	0%	25%	0%	25%	0%	0%	25%	25%
<b>QLD</b>	0%	0%	1%	1%	2%	3%	10%	29%	38%	7%	8%	2%
<b>SA</b>	4%	0%	0%	4%	4%	7%	7%	11%	21%	25%	18%	0%
<b>VIC</b>	2%	0%	1%	1%	2%	3%	11%	15%	10%	18%	23%	15%
<b>WA</b>	8%	1%	1%	4%	2%	9%	17%	24%	17%	10%	7%	1%
<b>TAS</b>	0%	0%	0%	0%	0%	0%	25%	25%	0%	50%	0%	0%
<b>NATIONAL</b>	3%	0%	1%	1%	3%	6%	13%	22%	22%	12%	11%	4%

## Percentage % Office IE Star Ratings

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	18%	27%	55%
<b>NSW</b>	1%	0%	0%	4%	1%	7%	11%	16%	15%	22%	11%	12%
<b>NT</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>QLD</b>	0%	0%	0%	5%	0%	0%	5%	5%	9%	23%	32%	23%
<b>SA</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	50%
<b>VIC</b>	0%	0%	0%	3%	3%	8%	5%	5%	8%	18%	26%	24%
<b>WA</b>	0%	0%	4%	0%	0%	0%	8%	25%	13%	4%	13%	33%
<b>TAS</b>	0%	0%	0%	0%	0%	0%	0%	0%	50%	50%	0%	0%
<b>NATIONAL</b>	1%	0%	1%	3%	1%	5%	8%	12%	12%	19%	18%	22%



## Percentage % Hotel ENERGY Star Ratings – without GreenPower

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
ACT	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%
NSW	3%	3%	3%	5%	3%	8%	15%	15%	30%	8%	10%	0%
NT	0%	0%	0%	0%	0%	0%	0%	0%	50%	50%	0%	0%
QLD	0%	0%	0%	0%	0%	0%	17%	50%	0%	33%	0%	0%
SA	0%	0%	0%	0%	0%	0%	0%	50%	0%	50%	0%	0%
VIC	0%	0%	0%	0%	0%	25%	0%	50%	0%	0%	25%	0%
WA	0%	0%	0%	0%	0%	8%	8%	33%	33%	17%	0%	0%
TAS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
NATIONAL	1%	1%	1%	3%	1%	7%	12%	24%	25%	13%	9%	0%

## Percentage % Hotel WATER Star Ratings

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
ACT	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%
NSW	0%	2%	2%	5%	5%	15%	20%	10%	22%	12%	7%	0%
NT	0%	0%	0%	0%	0%	0%	0%	50%	50%	0%	0%	0%
QLD	0%	0%	0%	17%	0%	0%	33%	17%	17%	0%	17%	0%
SA	0%	0%	0%	0%	0%	0%	0%	0%	50%	50%	0%	0%
VIC	0%	0%	0%	0%	0%	0%	33%	0%	33%	0%	0%	33%
WA	17%	0%	8%	0%	0%	8%	8%	42%	17%	0%	0%	0%
TAS	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
NATIONAL	3%	1%	3%	4%	3%	10%	18%	16%	22%	10%	6%	1%

## Percentage % Shopping Centre ENERGY Star Ratings – without GreenPower

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	0%	0%	0%	50%	0%	0%	50%	0%	0%	0%	0%	0%
<b>NSW</b>	6%	0%	1%	1%	3%	4%	7%	10%	34%	20%	9%	4%
<b>NT</b>	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%
<b>QLD</b>	0%	3%	0%	0%	3%	3%	13%	20%	25%	10%	10%	15%
<b>SA</b>	0%	0%	0%	0%	0%	0%	0%	9%	18%	9%	18%	45%
<b>VIC</b>	2%	2%	4%	4%	7%	4%	5%	11%	27%	16%	11%	7%
<b>WA</b>	0%	4%	4%	8%	0%	8%	12%	12%	36%	12%	0%	4%
<b>TAS</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	33%
<b>NATIONAL</b>	<b>2%</b>	<b>1%</b>	<b>2%</b>	<b>3%</b>	<b>3%</b>	<b>4%</b>	<b>8%</b>	<b>12%</b>	<b>29%</b>	<b>16%</b>	<b>9%</b>	<b>10%</b>

## Percentage % Shopping Centre WATER Star Ratings

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	0%	0%	0%	0%	50%	50%	0%	0%	0%	0%	0%	0%
<b>NSW</b>	9%	0%	6%	7%	13%	12%	21%	15%	7%	6%	3%	0%
<b>NT</b>	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%
<b>QLD</b>	3%	0%	0%	0%	3%	3%	18%	38%	10%	23%	3%	3%
<b>SA</b>	8%	0%	0%	8%	17%	8%	8%	17%	17%	8%	8%	0%
<b>VIC</b>	0%	2%	4%	7%	5%	7%	13%	22%	18%	15%	5%	2%
<b>WA</b>	4%	4%	4%	8%	8%	13%	17%	21%	13%	4%	4%	0%
<b>TAS</b>	0%	0%	0%	0%	0%	0%	33%	67%	0%	0%	0%	0%
<b>NATIONAL</b>	<b>4%</b>	<b>1%</b>	<b>3%</b>	<b>6%</b>	<b>9%</b>	<b>9%</b>	<b>17%</b>	<b>23%</b>	<b>12%</b>	<b>11%</b>	<b>4%</b>	<b>1%</b>

## Percentage % Data Centre ENERGY Star Ratings – without GreenPower

	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
<b>ACT</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>NSW</b>	0%	0%	0%	0%	0%	0%	0%	43%	43%	14%	0%	0%
<b>NT</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>QLD</b>	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%
<b>SA</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>VIC</b>	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%
<b>WA</b>	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%
<b>TAS</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>NATIONAL</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>20%</b>	<b>40%</b>	<b>30%</b>	<b>10%</b>	<b>0%</b>	<b>0%</b>

## Life of Program Statistics

Number of Individual Buildings Rated (at least once over the life of the program)

	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Office Energy	2319	2594	2736	2903	3213	3402	3727	3891
Office Water	941	1030	1103	1187	1291	1386	1503	1602
Office IE	69	79	93	104	122	168	201	264
Office Waste	42	42	45	45	46	67	100	100
Shopping Centre Energy	138	173	196	218	228	246	262	283
Shopping Centre Water	128	157	180	195	195	226	243	267
Hotel Energy	67	72	73	74	76	78	87	127
Hotel Water	61	66	66	66	67	69	78	119
Data Centre	1	5	12	16	18	18	18	19
Apartment Buildings Energy						100	145	181
Apartment Buildings Water						90	134	161
Public Hospitals Energy				273	276	271	271	271
Public Hospitals Water				138	142	142	142	190
Carbon Neutral						6	18	35



## Ratings and Government Policy – NABERS Office Energy Ratings Certified (all scopes)

	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
Number of Energy Ratings (WB, BB & T)	2	36	33	10	42	67	320	219	201	363	399	505
Number of Energy Ratings over 4 stars (WB, BB & T)	1	4	3	4	2	10	50	29	25	100	133	212

	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Number of Energy Ratings (WB, BB & T)	1143	1380	1422	1475	1441	1393	1490	1768	1811	2009	2031
Number of Energy Ratings over 4 stars (WB, BB & T)	331	476	608	682	705	746	780	939	989	1200	1360

Please note the following:

- Financial Year 04 – NSW Greenhouse Performance of Government Office Buildings required all owned and leased offices to be rated.
- Financial Year 07 – Energy Efficiency in Government Operations introduced by Commonwealth requiring all owned or leased office spaces rated over 4.5 stars.
- Financial Year 08 – NSW Sustainable Government Policy introduced requiring all Government owned or leased office spaces to be rated over 4.5 stars.
- Financial Year 10 – Commercial Building Disclosure introduced by Commonwealth making NABERS rating mandatory for all office buildings over 2000m<sup>2</sup>.
- Financial Year 18 – Commercial Building Disclosure threshold dropped to 1000m<sup>2</sup>

## Distribution % of Office Energy Ratings over Life of the Program – without GreenPower

Financial year	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
FY99	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%
FY00	11.1%	0.0%	0.0%	22.2%	11.1%	27.8%	2.8%	22.2%	0.0%	2.8%	0.0%	0.0%
FY01	9.1%	0.0%	3.0%	3.0%	12.1%	18.2%	18.2%	27.3%	6.1%	3.0%	0.0%	0.0%
FY02	0.0%	0.0%	0.0%	10.0%	10.0%	30.0%	10.0%	10.0%	0.0%	30.0%	0.0%	0.0%
FY03	11.9%	4.8%	9.5%	0.0%	19.0%	26.2%	23.8%	0.0%	4.8%	0.0%	0.0%	0.0%
FY04	7.5%	3.0%	7.5%	9.0%	13.4%	16.4%	17.9%	11.9%	3.0%	10.4%	0.0%	0.0%
FY05	7.8%	5.0%	6.6%	10.0%	13.8%	24.7%	13.1%	8.8%	4.7%	5.6%	0.0%	0.0%
FY06	5.9%	4.6%	8.2%	11.4%	14.2%	18.3%	19.6%	10.0%	3.2%	4.6%	0.0%	0.0%
FY07	6.0%	4.0%	4.0%	9.5%	17.9%	19.4%	18.9%	11.4%	5.0%	4.0%	0.0%	0.0%
FY08	3.6%	3.0%	5.8%	12.4%	9.1%	20.1%	15.4%	14.3%	9.4%	6.9%	0.0%	0.0%
FY09	3.0%	3.0%	5.5%	7.0%	9.3%	17.5%	15.5%	16.0%	12.5%	10.5%	0.0%	0.0%
FY10	5.1%	3.2%	2.8%	7.9%	6.5%	14.7%	14.9%	16.0%	15.4%	13.5%	0.0%	0.0%
FY11	10.8%	3.8%	5.4%	9.5%	8.2%	12.2%	14.6%	12.9%	11.6%	8.8%	1.8%	0.3%
FY12	8.7%	2.9%	4.3%	6.1%	8.8%	10.9%	14.2%	14.6%	14.8%	10.7%	3.6%	0.3%
FY13	6.8%	2.4%	3.7%	4.5%	7.5%	9.2%	11.1%	17.1%	19.5%	14.1%	3.7%	0.4%
FY14	5.6%	2.1%	2.0%	4.1%	7.3%	8.3%	11.0%	16.5%	19.7%	17.5%	5.6%	0.3%
FY15	4.7%	1.7%	1.9%	3.2%	5.2%	9.1%	12.0%	16.1%	20.1%	19.6%	5.9%	0.4%
FY16	4.6%	1.4%	2.4%	2.9%	4.9%	7.5%	10.6%	14.6%	20.5%	22.3%	7.7%	0.6%
FY17	4.4%	1.5%	2.1%	3.4%	4.5%	6.9%	10.3%	16.2%	19.3%	23.2%	7.1%	1.1%
FY18	6.1%	1.5%	2.0%	2.9%	4.7%	6.6%	9.8%	14.5%	19.6%	22.9%	8.0%	1.2%
FY19	4.5%	1.4%	1.3%	4.3%	3.5%	7.5%	8.4%	15.3%	18.8%	24.0%	9.5%	1.4%
FY20	4.3%	1.0%	1.3%	1.8%	3.5%	7.1%	8.9%	13.2%	19.2%	25.6%	12.4%	1.7%
FY21	3.3%	0.9%	1.2%	1.8%	2.5%	4.9%	6.6%	12.8%	17.5%	27.1%	18.2%	3.2%

## Distribution % of Office Energy Ratings over Life of the Program – with GreenPower

Financial year	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
FY99	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%
FY00	8.3%	0.0%	0.0%	19.4%	8.3%	27.8%	2.8%	22.2%	0.0%	11.1%	0.0%	0.0%
FY01	6.1%	3.0%	3.0%	3.0%	12.1%	18.2%	18.2%	27.3%	6.1%	3.0%	0.0%	0.0%
FY02	0.0%	0.0%	0.0%	10.0%	0.0%	30.0%	0.0%	20.0%	0.0%	40.0%	0.0%	0.0%
FY03	11.9%	4.8%	9.5%	0.0%	19.0%	26.2%	23.8%	0.0%	4.8%	0.0%	0.0%	0.0%
FY04	7.5%	0.0%	6.0%	7.5%	14.9%	16.4%	20.9%	11.9%	4.5%	10.4%	0.0%	0.0%
FY05	6.3%	3.8%	6.3%	8.1%	12.8%	22.2%	14.4%	10.0%	5.3%	10.0%	0.0%	0.0%
FY06	4.1%	3.7%	7.8%	8.7%	12.3%	16.0%	21.5%	12.8%	5.0%	8.2%	0.0%	0.0%
FY07	5.0%	3.0%	3.0%	9.0%	15.4%	17.9%	17.4%	16.9%	4.5%	8.0%	0.0%	0.0%
FY08	2.8%	2.5%	4.7%	9.1%	8.8%	16.3%	12.7%	15.7%	14.1%	13.1%	0.0%	0.0%
FY09	2.3%	2.5%	3.3%	7.0%	6.8%	13.3%	14.5%	17.0%	14.5%	18.8%	0.0%	0.0%
FY10	4.0%	3.2%	2.4%	6.9%	4.4%	12.1%	11.9%	13.3%	19.4%	22.6%	0.0%	0.0%
FY11	10.6%	3.3%	4.9%	8.2%	7.6%	10.8%	13.6%	11.9%	12.2%	11.1%	2.7%	2.4%
FY12	8.4%	2.9%	4.1%	5.5%	7.8%	10.1%	13.5%	13.3%	15.7%	11.6%	4.5%	2.8%
FY13	6.2%	2.3%	3.5%	4.4%	6.6%	8.9%	10.5%	14.9%	20.2%	14.6%	5.2%	2.7%
FY14	5.5%	2.0%	2.0%	3.9%	6.6%	7.8%	10.8%	15.2%	18.6%	18.9%	6.2%	2.5%
FY15	4.6%	1.6%	2.1%	3.1%	4.5%	8.5%	11.7%	14.9%	19.2%	20.5%	7.1%	2.1%
FY16	4.6%	1.3%	2.5%	2.8%	4.5%	7.0%	10.1%	13.6%	20.0%	21.6%	9.5%	2.4%
FY17	4.3%	1.6%	1.9%	3.4%	4.0%	6.4%	10.4%	15.5%	18.8%	22.5%	8.5%	2.6%
FY18	5.9%	1.5%	2.0%	2.9%	4.6%	6.2%	9.4%	14.3%	19.3%	22.2%	9.2%	2.3%
FY19	4.5%	1.4%	1.2%	4.3%	3.6%	7.4%	8.0%	15.1%	18.1%	23.5%	10.0%	2.5%
FY20	4.2%	1.0%	1.3%	1.7%	3.4%	7.0%	8.6%	12.9%	18.7%	24.5%	13.2%	3.3%
FY21	3.3%	0.9%	1.2%	1.8%	2.4%	4.9%	6.2%	12.4%	17.2%	25.8%	18.3%	5.7%

## Number of Ratings applications received

Type of Rating	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
Office Energy Ratings	2	36	33	10	42	67	320	219	201	363	399	505
Office Water Ratings	-	-	-	-	-	-	-	57	102	237	251	259
Indoor Environment Ratings	-	-	-	-	-	-	-	-	-	-	-	11
Waste Ratings	-	-	-	-	-	-	-	-	-	-	1	14
Shopping Centre Energy Ratings	-	-	-	-	-	-	-	-	-	-	-	23
Shopping Centre Water Ratings	-	-	-	-	-	-	-	-	-	-	-	23
Hotel Energy Ratings	-	-	-	-	-	-	-	-	-	-	2	23
Hotel Water Ratings	-	-	-	-	-	-	-	-	-	-	2	26
Data Centre Ratings	-	-	-	-	-	-	-	-	-	-	-	-
Apartment Buildings Energy	-	-	-	-	-	-	-	-	-	-	-	-
Apartment Buildings Water	-	-	-	-	-	-	-	-	-	-	-	-
Public Hospitals Energy*	-	-	-	-	-	-	-	-	-	-	-	-
Public Hospitals Water*	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Neutral	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2</b>	<b>36</b>	<b>33</b>	<b>10</b>	<b>42</b>	<b>67</b>	<b>320</b>	<b>276</b>	<b>303</b>	<b>600</b>	<b>655</b>	<b>884</b>

Type of Rating	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Office Energy Ratings	1143	1380	1422	1475	1441	1393	1490	1768	1811	2009	2031
Office Water Ratings	427	549	569	586	576	587	655	722	803	836	934
Indoor Environment Ratings	14	14	22	47	35	48	49	65	106	128	181
Waste Ratings	4	15	11	12	5	8	4	5	23	48	100
Shopping Centre Energy Ratings	34	54	84	63	113	139	138	156	188	171	207
Shopping Centre Water Ratings	31	52	75	54	91	121	120	143	176	159	204
Hotel Energy Ratings	28	30	21	26	15	6	4	3	6	19	67
Hotel Water Ratings	29	28	19	14	12	2	3	2	5	16	67
Data Centre Ratings	-	-	-	1	6	11	12	12	10	10	10
Apartment Buildings Energy	-	-	-	-	-	-	-	-	100	48	51
Apartment Buildings Water	-	-	-	-	-	-	-	-	90	47	42
Public Hospitals Energy*	-	-	-	-	-	-	273	276	271	137	198
Public Hospitals Water*	-	-	-	-	-	-	138	142	137	138	190
Carbon Neutral	-	-	-	-	-	-	-	-	7	19	32
<b>TOTAL</b>	<b>1710</b>	<b>2122</b>	<b>2223</b>	<b>2278</b>	<b>2294</b>	<b>2315</b>	<b>2886</b>	<b>3294</b>	<b>3733</b>	<b>3785</b>	<b>4314</b>



### Ratings and Government Policy – Count Buildings and Tenancies with NABERS Office Energy Ratings Certified

	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
Number of Energy Ratings (WB, BB & T)	2	36	32	10	40	66	297	213	200	332	388	493
Number of Energy Ratings over 4 stars (WB, BB & T)	1	4	3	4	2	10	50	29	25	90	130	207

	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Number of Energy Ratings (WB, BB & T)	1120	1308	1345	1388	1408	1346	1462	1738	1772	1951	1977
Number of Energy Ratings over 4 stars (WB, BB & T)	324	450	579	635	691	721	771	926	972	1169	1326

Please note the following:

- Financial Year 04 – NSW Greenhouse Performance of Government Office Buildings required all owned and leased offices to be rated.
- Financial Year 07 – Energy Efficiency in Government Operations introduced by Commonwealth requiring all owned or leased office spaces rated over 4.5 stars.
- Financial Year 08 – NSW Sustainable Government Policy introduced requiring all Government owned or leased office spaces to be rated over 4.5 stars.
- Financial Year 10 – Commercial Building Disclosure introduced by Commonwealth making NABERS rating mandatory for all office buildings over 2000m<sup>2</sup>.
- Financial Year 18 – Commercial Building Disclosure threshold dropped to 1000m<sup>2</sup>

## Distribution Count of Office Energy Ratings over Life of the Program – without GreenPower

Financial year	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
FY99	0	0	0	1	0	0	0	0	0	1	0	0
FY00	4	0	0	8	4	10	1	8	0	1	0	0
FY01	3	0	1	1	4	6	6	9	2	1	0	0
FY02	0	0	0	1	1	3	1	1	0	3	0	0
FY03	5	2	4	0	8	11	10	0	2	0	0	0
FY04	5	2	5	6	9	11	12	8	2	7	0	0
FY05	25	16	21	32	44	79	42	28	15	18	0	0
FY06	13	10	18	25	31	40	43	22	7	10	0	0
FY07	12	8	8	19	36	39	38	23	10	8	0	0
FY08	13	11	21	45	33	73	56	52	34	25	0	0
FY09	12	12	22	28	37	70	62	64	50	42	0	0
FY10	26	16	14	40	33	74	75	81	78	68	0	0
FY11	124	43	62	109	94	139	167	147	133	101	21	3
FY12	120	40	60	84	122	150	196	202	204	148	50	4
FY13	96	34	53	64	106	131	158	243	278	201	53	5
FY14	83	31	30	60	108	122	162	244	290	258	82	5
FY15	68	25	28	46	75	131	173	232	289	283	85	6
FY16	64	20	33	40	68	105	148	204	285	310	107	9
FY17	65	23	31	51	67	103	153	242	288	345	106	16
FY18	107	27	36	51	83	117	174	257	347	405	142	22
FY19	82	26	23	78	63	136	153	277	341	434	172	26
FY20	86	20	27	36	70	143	179	265	385	514	250	34
FY21	68	19	25	36	51	99	134	259	355	550	370	65

## Distribution Count of Office Energy Ratings over Life of the Program – with GreenPower

Financial year	0 Star	1 Star	1.5 Star	2 Star	2.5 Star	3 Star	3.5 Star	4 Star	4.5 Star	5 Star	5.5 Star	6 Star
FY99	0	0	0	1	0	0	0	0	0	1	0	0
FY00	3	0	0	7	3	10	1	8	0	4	0	0
FY01	2	1	1	1	4	6	6	9	2	1	0	0
FY02	0	0	0	1	0	3	0	2	0	4	0	0
FY03	5	2	4	0	8	11	10	0	2	0	0	0
FY04	5	0	4	5	10	11	14	8	3	7	0	0
FY05	20	12	20	26	41	71	46	34	17	33	0	0
FY06	9	8	17	19	27	35	47	28	11	18	0	0
FY07	10	6	6	18	31	36	35	34	9	16	0	0
FY08	10	9	17	33	32	59	46	57	51	49	0	0
FY09	9	10	13	28	27	53	58	68	58	75	0	0
FY10	20	16	12	35	22	61	60	67	98	114	0	0
FY11	121	38	56	94	87	124	156	136	140	133	31	27
FY12	116	40	56	76	107	139	186	184	216	160	62	38
FY13	88	32	50	62	94	126	150	212	287	208	74	39
FY14	81	30	30	57	97	115	159	224	274	279	92	37
FY15	67	23	30	45	65	122	169	215	277	295	103	30
FY16	64	18	35	39	63	98	141	189	279	301	133	33
FY17	64	24	29	51	60	96	155	231	280	335	127	38
FY18	105	27	35	52	81	110	167	252	342	393	163	41
FY19	81	25	22	78	65	134	144	273	328	425	190	46
FY20	85	21	27	34	69	141	173	259	376	492	265	67
FY21	67	19	24	37	49	99	125	251	350	523	371	116

## Number of Unique Buildings and Tenancies Rated

Type of Rating	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
Energy Ratings	2	36	32	10	40	66	297	213	200	332	388	493
Water Ratings	-	-	-	-	-	-	-	51	106	212	242	253
Indoor Environment Ratings	-	-	-	-	-	-	-	-	-	-	-	11
Waste Ratings	-	-	-	-	-	-	-	-	-	-	1	13
Shopping Centre Energy Ratings	-	-	-	-	-	-	-	-	-	-	-	23
Shopping Centre Water Ratings	-	-	-	-	-	-	-	-	-	-	-	23
Hotel Energy Ratings	-	-	-	-	-	-	-	-	-	-	2	23
Hotel Water Ratings	-	-	-	-	-	-	-	-	-	-	2	26
Data Centre Ratings	-	-	-	-	-	-	-	-	-	-	-	-
Apartment Buildings Energy	-	-	-	-	-	-	-	-	-	-	-	-
Apartment Buildings Water	-	-	-	-	-	-	-	-	-	-	-	-
Public Hospitals Energy*	-	-	-	-	-	-	-	-	-	-	-	-
Public Hospitals Water*	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Neutral	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2</b>	<b>36</b>	<b>32</b>	<b>10</b>	<b>40</b>	<b>66</b>	<b>297</b>	<b>264</b>	<b>306</b>	<b>544</b>	<b>635</b>	<b>865</b>

Type of Rating	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
Energy Ratings	1120	1308	1345	1388	1408	1346	1462	1738	1772	1951	1977
Water Ratings	414	506	521	551	562	567	636	703	782	814	909
Indoor Environment Ratings	14	14	22	44	34	48	49	65	106	128	181
Waste Ratings	4	15	11	12	5	8	4	5	22	48	86
Shopping Centre Energy Ratings	34	54	81	59	109	129	132	148	165	168	172
Shopping Centre Water Ratings	31	52	74	53	88	111	113	136	155	157	169
Hotel Energy Ratings	28	30	21	26	15	6	4	3	6	19	65
Hotel Water Ratings	29	28	19	14	12	2	3	2	5	16	64
Data Centre Ratings	-	-	19	1	5	11	12	12	10	10	10
Apartment Buildings Energy	-	-	-	-	-	-	-	-	100	48	51
Apartment Buildings Water	-	-	-	-	-	-	-	-	90	47	42
Public Hospitals Energy*	-	-	-	-	-	-	273	276	271	137	198
Public Hospitals Water*	-	-	-	-	-	-	138	142	137	138	190
Carbon Neutral	-	-	-	-	-	-	-	-	7	19	32
<b>TOTAL</b>	<b>1674</b>	<b>2007</b>	<b>2113</b>	<b>2148</b>	<b>2238</b>	<b>2228</b>	<b>2826</b>	<b>3230</b>	<b>3628</b>	<b>3700</b>	<b>4146</b>

## NSW Energy Savings Scheme

### Energy Savings Certificates and \$ claimed using the NABERS method per year

Financial year	Number	Value	Cumulative Number	Cumulative Value
FY10	4,073	80,645	4,073	80,645
FY11	14,339	385,432	18,412	466,077
FY12	37,577	1,142,341	55,989	1,608,418
FY13	58,645	1,574,032	114,634	3,182,450
FY14	72,934	1,057,543	187,568	4,239,993
FY15	40,221	578,780	227,789	4,818,773
FY16	56,613	1,441,367	284,402	6,260,140
FY17	20,047	360,445	304,449	6,620,585
FY18	26,483	563,558	330,932	7,184,143
FY19	17,384	369,510	348,316	7,553,653
FY20	14,504	361,240	362,820	7,914,893
FY21	12,769	372,684	375,589	8,287,577

### Commitment Agreements – NABERS Energy – Life of program

Targeted star rating	Count	Percentage
4	17	5%
4.5	122	39%
5	159	51%
5.5	12	4%
6	3	1%
<b>Total</b>	<b>313</b>	<b>100%</b>



## National Office Market Penetration – Energy rated area (5 year average)

State	Market size (m <sup>2</sup> )	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
NSW	10,116,268	4,940	553,779	720,803	750,031	1,046,159	1,311,115	2,411,878	2,964,121	3,381,381	4,056,519	4,512,705	4,636,168
VIC	6,861,742	-	266,459	384,370	384,370	464,094	530,875	518,218	670,864	1,095,821	1,264,515	1,649,766	2,006,528
WA	2,704,942	-	-	-	-	103,243	125,774	324,686	653,226	750,192	785,327	829,787	878,057
ACT	3,037,900	-	-	35,876	35,876	35,876	102,869	171,343	347,216	448,497	517,762	602,501	752,730
QLD	4,648,263	-	-	-	51,577	51,577	146,910	248,738	568,895	617,455	802,291	952,446	1,095,000
SA	2,326,011	-	-	-	-	-	37,055	264,699	283,717	393,822	475,340	545,554	537,178
NT	225,510	-	-	-	-	-	-	-	5,245	5,245	14,695	40,738	63,303
TAS	398,807	-	-	-	-	-	-	-	1,681	33,623	43,729	49,137	58,214
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>4,940</b>	<b>820,239</b>	<b>1,141,049</b>	<b>1,221,854</b>	<b>1,700,950</b>	<b>2,254,598</b>	<b>3,939,562</b>	<b>5,494,965</b>	<b>6,726,036</b>	<b>7,960,178</b>	<b>9,182,634</b>	<b>10,027,177</b>

State	Market size (m <sup>2</sup> )	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
NSW	10,116,268	6,091,213	6,823,782	7,549,256	8,497,649	8,929,654	8,872,164	8,715,934	8,516,898	8,641,327	8,467,237	8,207,337
VIC	6,861,742	3,362,546	4,036,845	4,528,642	5,402,527	5,776,870	5,984,369	5,951,283	5,744,440	5,723,154	5,584,339	5,468,533
WA	2,704,942	1,257,502	1,430,488	1,577,246	1,986,562	2,044,532	2,052,975	2,069,820	2,118,984	2,179,668	2,243,287	2,215,942
ACT	3,037,900	905,862	1,126,754	1,198,332	1,350,268	1,450,923	1,492,933	1,568,223	1,619,638	1,613,044	1,637,053	1,636,047
QLD	4,648,263	1,864,795	2,361,800	2,647,902	2,991,296	3,291,462	3,287,199	3,226,454	3,246,549	3,361,624	3,355,182	3,324,671
SA	2,326,011	628,437	746,451	833,983	969,583	998,524	1,115,849	1,109,560	1,066,571	1,100,523	1,118,153	1,076,091
NT	225,510	103,133	127,063	156,059	154,525	174,292	162,017	130,265	132,333	135,094	156,225	153,705
TAS	398,807	81,935	99,169	133,028	174,945	194,355	205,810	207,950	222,989	231,176	254,669	243,120
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>14,295,423</b>	<b>16,752,351</b>	<b>18,624,447</b>	<b>21,527,355</b>	<b>22,860,612</b>	<b>23,173,317</b>	<b>22,979,489</b>	<b>22,668,402</b>	<b>22,985,611</b>	<b>22,816,145</b>	<b>22,325,445</b>

## National Office Market Penetration percentage – Energy (5 year average)

State	Market size (m <sup>2</sup> )	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
NSW	10,116,268	0%	5%	7%	7%	10%	13%	24%	29%	33%	40%	45%	46%
VIC	6,861,742	0%	4%	6%	6%	7%	8%	8%	10%	16%	18%	24%	29%
WA	2,704,942	0%	0%	0%	0%	4%	5%	12%	24%	28%	29%	31%	32%
ACT	3,037,900	0%	0%	1%	1%	1%	3%	6%	11%	15%	17%	20%	25%
QLD	4,648,263	0%	0%	0%	1%	1%	3%	5%	12%	13%	17%	20%	24%
SA	2,326,011	0%	0%	0%	0%	0%	2%	11%	12%	17%	20%	23%	23%
NT	225,510	0%	0%	0%	0%	0%	0%	0%	2%	2%	7%	18%	28%
TAS	398,807	0%	0%	0%	0%	0%	0%	0%	0%	8%	11%	12%	15%
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>0%</b>	<b>3%</b>	<b>4%</b>	<b>4%</b>	<b>6%</b>	<b>7%</b>	<b>13%</b>	<b>18%</b>	<b>22%</b>	<b>26%</b>	<b>30%</b>	<b>33%</b>

State	Market size (m <sup>2</sup> )	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
NSW	10,116,268	60%	67%	75%	84%	88%	88%	86%	84%	85%	84%	81%
VIC	6,861,742	49%	59%	66%	79%	84%	87%	87%	84%	83%	81%	80%
WA	2,704,942	46%	53%	58%	73%	76%	76%	77%	78%	81%	83%	82%
ACT	3,037,900	30%	37%	39%	44%	48%	49%	52%	53%	53%	54%	54%
QLD	4,648,263	40%	51%	57%	64%	71%	71%	69%	70%	72%	72%	72%
SA	2,326,011	27%	32%	36%	42%	43%	48%	48%	46%	47%	48%	46%
NT	225,510	46%	56%	69%	69%	77%	72%	58%	59%	60%	69%	68%
TAS	398,807	21%	25%	33%	44%	49%	52%	52%	56%	58%	64%	61%
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>47%</b>	<b>55%</b>	<b>61%</b>	<b>71%</b>	<b>75%</b>	<b>76%</b>	<b>76%</b>	<b>75%</b>	<b>76%</b>	<b>75%</b>	<b>74%</b>

## National Office Market Penetration – Water rated area (5 year average)

State	Market size (m <sup>2</sup> )	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
NSW	10,116,268	515,928	1,371,633	2,259,397	3,081,547	3,780,050	4,526,909	5,301,598	5,732,915
VIC	6,861,742	233,081	714,143	1,040,105	1,396,434	1,582,903	2,417,883	2,803,884	2,932,947
WA	2,704,942	76,973	131,718	260,367	377,103	444,608	646,594	819,109	933,996
ACT	3,037,900	35,609	116,584	274,069	337,720	440,364	489,279	566,948	630,795
QLD	4,648,263	164,749	315,362	480,708	645,758	761,937	1,045,283	1,204,791	1,430,851
SA	2,326,011	37,998	82,671	165,371	293,512	333,696	375,410	391,531	406,669
NT	225,510	-	-	5,245	5,245	14,611	14,611	14,611	14,611
TAS	398,807	-	-	10,106	10,106	14,725	14,725	14,725	4,619
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>1,064,338</b>	<b>2,732,110</b>	<b>4,495,368</b>	<b>6,147,425</b>	<b>7,372,895</b>	<b>9,530,694</b>	<b>11,117,197</b>	<b>12,087,401</b>

State	Market size (m <sup>2</sup> )	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
NSW	10,116,268	6,276,375	6,558,540	6,568,842	6,403,950	6,357,813	6,487,836	6,497,348	6,530,612
VIC	6,861,742	3,243,357	3,504,747	3,402,447	3,531,308	3,730,252	3,790,901	3,839,356	3,851,312
WA	2,704,942	1,341,402	1,494,690	1,598,074	1,692,957	1,767,110	1,856,220	1,924,382	1,938,017
ACT	3,037,900	687,852	737,662	832,013	880,963	913,861	951,410	1,003,300	1,005,393
QLD	4,648,263	1,721,453	1,838,685	2,002,444	2,100,534	2,124,683	2,297,299	2,236,098	2,234,929
SA	2,326,011	386,302	478,930	416,819	395,377	382,525	418,631	438,975	440,197
NT	225,510	24,639	37,971	32,488	32,488	32,488	40,686	36,265	36,265
TAS	398,807	20,246	20,246	20,246	27,335	32,979	43,363	37,842	37,842
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>13,701,625</b>	<b>14,671,471</b>	<b>14,873,373</b>	<b>15,064,912</b>	<b>15,341,709</b>	<b>15,886,346</b>	<b>16,013,565</b>	<b>16,074,567</b>



## National Office Market Penetration percentage – Water (5 year average)

State	Market size (m <sup>2</sup> )	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
NSW	10,116,268	5%	14%	22%	30%	37%	45%	52%	57%
VIC	6,861,742	3%	10%	15%	20%	23%	35%	41%	43%
WA	2,704,942	3%	5%	10%	14%	16%	24%	30%	35%
ACT	3,037,900	1%	4%	9%	11%	14%	16%	19%	21%
QLD	4,648,263	4%	7%	10%	14%	16%	22%	26%	31%
SA	2,326,011	2%	4%	7%	13%	14%	16%	17%	17%
NT	225,510	0%	0%	2%	2%	6%	6%	6%	6%
TAS	398,807	0%	0%	3%	3%	4%	4%	4%	1%
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>4%</b>	<b>9%</b>	<b>15%</b>	<b>20%</b>	<b>24%</b>	<b>31%</b>	<b>37%</b>	<b>40%</b>

State	Market size (m <sup>2</sup> )	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
NSW	10,116,268	62%	65%	65%	63%	63%	64%	64%	65%
VIC	6,861,742	47%	51%	50%	51%	54%	55%	56%	56%
WA	2,704,942	50%	55%	59%	63%	65%	69%	71%	72%
ACT	3,037,900	23%	24%	27%	29%	30%	31%	33%	33%
QLD	4,648,263	37%	40%	43%	45%	46%	49%	48%	48%
SA	2,326,011	17%	21%	18%	17%	16%	18%	19%	19%
NT	225,510	11%	17%	14%	14%	14%	18%	16%	16%
TAS	398,807	5%	5%	5%	7%	8%	11%	9%	9%
<b>TOTAL</b> (Australia National)	<b>30,319,443</b>	<b>45%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>51%</b>	<b>52%</b>	<b>53%</b>	<b>53%</b>

## NABERS Finance Report 2020–21

Starting Cash Reserve	(2,007,033)
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Receipts	\$
NSC Member Contributions	(722,734)
Other Government Partnerships	(2,342,371)
NABERS ratings and products	(2,829,251)
Training fees	(268,899)
Accreditation fees	(132,033)
NABERS agreements and licenses	(72,727)
<b>Total Revenue</b>	<b>(6,368,015)</b>

Expenditure	\$
Salaries	4,134,074
Operational expenses related to the delivery of ratings	313,863
Training and accreditation	69,422
Stakeholder and communication activities	417,340
Development & Innovation projects	560,876
Website development and maintenance (incl Capital)	1,193,806
General operation costs	310,896
<b>Total Expenditure</b>	<b>7,000,276</b>
Net Result	632,261
Cash Reserves	(1,374,773)
Funding received for FY22 projects (will be included in FY22 annual report)	(3,591,495)

## Contact us

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