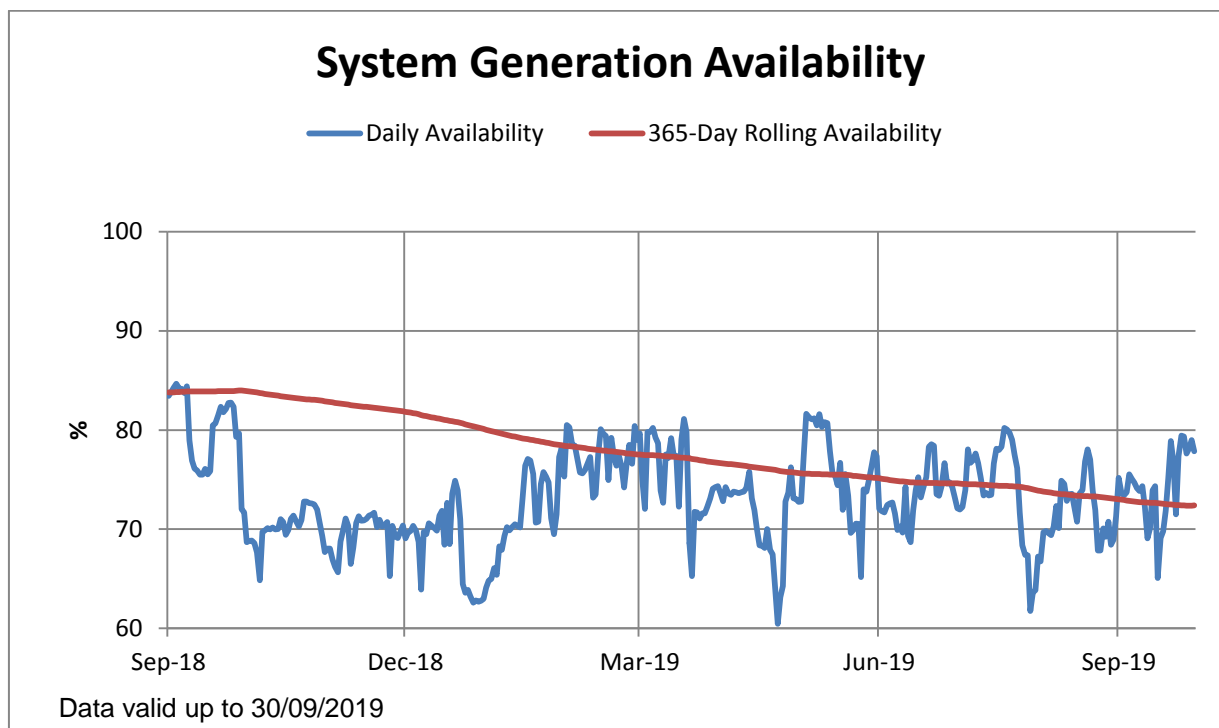


EirGrid Monthly Availability Report – September 2019

Availability report for September 2019¹.



Definitions

Availability: the capacity-weighted percentage of the time that generators were available.

Forced: outages where generators are unavailable due to unforeseen/unplanned outages.

Scheduled: outages where generators are unavailable due to planned reasons, e.g., for maintenance.

Ambient (seasonal derating): difference between the **Maximum Capacity** of a generator and the **Dependable Capacity** over a specified period of time.

Maximum Capacity: the maximum capacity that a unit can sustain over a specified period of time.

Dependable Capacity: the capacity of a unit, when modified for ambient conditions over a specified period of time.

365-day Rolling Availability: the average of the unit's **Availability** over the most recent 365 days (i.e., past year)

HOW TO CONTACT US

General Queries

Email: info@eirgrid.com

Email: OutagePlanning@eirgrid.com

www.eirgridgroup.com

¹ Based on EDIL (Electronic Dispatch Instruction Logger) declarations.

Table 1: Unit-by-Unit Average Monthly Availability Conventional Units – September 2019

Unit-by-Unit Average Monthly Availability – September 2019						
Company	Unit	Capacity	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	78.76	0.00	15.19	6.05
	Seal Rock - SK4	85	94.17	0.55	0.00	5.28
Bord Gáis	Whitegate - WG1	444	96.95	0.00	0.00	3.05
Dublin Waste to Energy	DWTE - DW1	61.5	62.76	37.24	0.00	0.00
ESB Energy Ireland	Aghada - AD2	431	0.00	0.00	100.00	0.00
	Aghada - AT1	90	100.00	0.00	0.00	0.00
	Aghada - AT2	90	100.00	0.00	0.00	0.00
	Aghada - AT4	90	100.00	0.00	0.00	0.00
	Ardnacrusha - AA1	21	100.00	0.00	0.00	0.00
	Ardnacrusha - AA2	22	58.09	0.00	41.91	0.00
	Ardnacrusha - AA3	19	99.99	0.01	0.00	0.00
	Ardnacrusha - AA4	24	48.12	51.88	0.00	0.00
	Erne - ER1	10	100.00	0.00	0.00	0.00
	Erne - ER2	10	80.02	0.19	19.79	0.00
	Erne - ER3	22	98.29	1.48	0.23	0.00
	Erne - ER4	22	99.60	0.21	0.19	0.00
	Lee - LE1	15	100.00	0.00	0.00	0.00
	Lee - LE2	4	50.67	47.24	2.09	0.00
	Lee - LE3	8	100.00	0.00	0.00	0.00
	Liffey - LI1	15	100.00	0.00	0.00	0.00
	Liffey - LI2	15	99.54	0.46	0.00	0.00
	Liffey - LI4	4	100.00	0.00	0.00	0.00
	Liffey - LI5	4	100.00	0.00	0.00	0.00
	Lough Ree - LR4	91	9.39	90.61	0.00	0.00
	Moneypoint - MP1	285	89.72	10.28	0.00	0.00
	Moneypoint - MP2	285	35.56	0.00	64.44	0.00
	Moneypoint - MP3	285	61.00	39.00	0.00	0.00
	North Wall - NW5	104	94.67	5.24	0.00	0.09
	Poolbeg - PBA	231	0.00	0.00	100.00	0.00
	Poolbeg - PBB	231	74.81	1.11	24.08	0.00
	Turlough Hill - TH1	73	98.03	1.97	0.00	0.00
	Turlough Hill - TH2	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH3	73	100.00	0.00	0.00	0.00
	Turlough Hill - TH4	73	99.19	0.81	0.00	0.00
West Offaly - WO4	137	99.78	0.22	0.00	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	99.84	0.16	0.00	0.00
	Edenderry - ED3	58	100.00	0.00	0.00	0.00
	Edenderry - ED5	58	100.00	0.00	0.00	0.00
SSE Generation Ireland	Great Island - GI4	461	98.00	0.00	0.00	2.00
	Rhode - RP1	52	100.00	0.00	0.00	0.00
	Rhode - RP2	52	100.00	0.00	0.00	0.00
	Tarbert - TB1	54	100.00	0.00	0.00	0.00
	Tarbert - TB2	54	100.00	0.00	0.00	0.00
	Tarbert - TB3	241	99.89	0.11	0.00	0.00
	Tarbert - TB4	243	100.00	0.00	0.00	0.00
	Tawnaghmore - TP1	52	99.66	0.34	0.00	0.00
Tawnaghmore - TP3	52	100.00	0.00	0.00	0.00	
Indaver	Indaver - IW1	16	99.03	0.97	0.00	0.00
Synergen	Dublin Bay - DB1	405	99.78	0.02	0.00	0.20
Tynagh Energy Ltd	Tynagh - TYC	384	77.79	3.84	14.58	3.79
Viridian	Huntstown - HN2	400	95.47	0.00	0.09	4.44
	Huntstown - HNC	342	29.58	0.12	69.74	0.56

Table 2: Unit-by-Unit Average Monthly Availability Demand Side Units – September 2019

Unit-by-Unit Average Monthly Availability – September 2019					
Company	Unit	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
Activation Energy	Activation Energy 1 – AE1	23.83	64	12.17	0
	Activation Energy 2 – AE2	17.76	78.79	3.45	0
	Activation Energy 3 – AE3	57.19	42.77	0.04	0
	Activation Energy 4 – AE4	100	0	0	0
	Activation Energy 5 – AE5	56.1	43.9	0	0
	Enernoc 1 - EN1	81.25	18.75	0	0
	Enernoc 2 - EN2	4.06	95.94	0	0
	Enernoc 3-EN3	66.9	33.1	0	0
	Enernoc 4-EN4	64.42	35.49	0.09	0
	Enernoc 5-EN5	51.02	46.73	2.25	0
Enernoc 6-EN6	67.8	29.7	2.5	0	
DAE VPP	DAE VPP – DP1	83.58	0	16.42	0
	DAE VPP – DP2	0	0	100	0
Electricity Exchange Ltd	Electricity Exchange – EE1	44.02	0	55.98	0
	Electricity Exchange – EE2	32.37	0	67.63	0
	Electricity Exchange – EE3	33.82	0	66.18	0
	Electricity Exchange – EE4	28.42	0	71.58	0
	Electricity Exchange – EE5	65.3	0	34.7	0
Electric Ireland	Electric Ireland – EI1	52.21	0.01	47.78	0
Endeco	Endeco 1 – EC1	51.09	0	48.91	0
	Endeco 2 – EC2	8.33	0	91.67	0
	Endeco 5 – EC5	53.07	0.02	46.91	0
Energy Trading Ireland	Energy Trading – ET1	0	100	0	0
Powerhouse	Powerhouse – PG1	42.19	57.81	0	0
Viridian	Viridian Energy – VE1	45.03	0	54.97	0
	Viridian Energy – VE2	48.97	0	51.03	0

Table 3: System Total Average Monthly Availability – September 2019

	Monthly Availability %	Monthly Forced %	Monthly Scheduled %	Monthly Ambient %
System Total Average Availability	71.94	7.97	19.15	0.94

Whilst it strives to ensure as high a level of accuracy as possible, EirGrid makes no warranties or representations of any kind with respect to the content of this report (including without limitation its quality, accuracy, and completeness.) and EirGrid accepts no liability for any reliance on the information presented here.

Table 4: Unit-by-Unit 365 Day Rolling Availability Conventional Units – September 2018 to September 2019

Unit-by-Unit 365 Day Rolling Availability – September 2019						
Company	Unit	Capacity	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Aughinish Alumina Ltd	Seal Rock - SK3	85	89.51	1.06	4.03	5.40
	Seal Rock - SK4	85	88.12	1.13	6.71	4.04
Bord Gáis	Whitegate - WG1	444	87.34	6.74	4.41	1.51
Dublin Waste to Energy	DWTE - DW1	61.5	90.35	9.56	0.09	0.00
ESB Energy Ireland	Aghada - AD2	431	87.62	0.59	10.90	0.89
	Aghada - AT1	90	97.98	0.52	1.47	0.03
	Aghada - AT2	90	97.94	0.66	1.37	0.03
	Aghada - AT4	90	96.80	1.81	1.36	0.03
	Ardnacrusha - AA1	21	98.31	0.01	1.68	0.00
	Ardnacrusha - AA2	22	94.33	0.57	5.10	0.00
	Ardnacrusha - AA3	19	96.15	2.37	1.48	0.00
	Ardnacrusha - AA4	24	94.72	4.37	0.91	0.00
	Erne - ER1	10	88.13	11.77	0.10	0.00
	Erne - ER2	10	94.99	1.76	3.25	0.00
	Erne - ER3	22	95.76	2.93	1.31	0.00
	Erne - ER4	22	92.35	1.42	6.23	0.00
	Lee - LE1	15	90.76	2.96	6.28	0.00
	Lee - LE2	4	88.82	4.13	7.05	0.00
	Lee - LE3	8	96.07	0.07	3.86	0.00
	Liffey - LI1	15	93.73	3.87	2.40	0.00
	Liffey - LI2	15	91.38	6.22	2.40	0.00
	Liffey - LI4	4	96.23	0.60	3.17	0.00
	Liffey - LI5	4	99.64	0.23	0.13	0.00
	Lough Ree - LR4	91	70.61	24.44	4.95	0.00
	Moneypoint - MP1	285	55.58	44.39	0.03	0.00
	Moneypoint - MP2	285	25.24	57.46	17.30	0.00
	Moneypoint - MP3	285	58.97	40.98	0.05	0.00
	North Wall - NW5	104	93.57	2.56	3.53	0.34
	Poolbeg - PBA	231	78.69	10.18	11.13	0.00
	Poolbeg - PBB	231	73.29	23.12	3.59	0.00
	Turlough Hill - TH1	73	89.60	0.30	10.10	0.00
Turlough Hill - TH2	73	91.32	0.54	8.14	0.00	
Turlough Hill - TH3	73	88.10	3.23	8.67	0.00	
Turlough Hill - TH4	73	91.45	0.30	8.25	0.00	
West Offaly - WO4	137	87.83	6.63	5.54	0.00	
Edenderry Power Ltd	Edenderry - ED1	118	80.88	1.70	17.42	0.00
	Edenderry - ED3	58	98.79	0.00	1.21	0.00
	Edenderry - ED5	58	98.47	0.32	1.21	0.00
SSE Generation Ireland	Great Island - GI4	461	56.36	30.00	12.55	1.09
	Rhode - RP1	52	94.35	5.65	0.00	0.00
	Rhode - RP2	52	94.19	3.84	1.97	0.00
	Tarbert - TB1	54	98.80	0.01	1.19	0.00
	Tarbert - TB2	54	95.09	2.01	2.90	0.00
	Tarbert - TB3	241	78.39	2.73	18.88	0.00
	Tarbert - TB4	243	93.34	6.66	0.00	0.00
	Tawnaghmore - TP1	52	99.90	0.10	0.00	0.00
Tawnaghmore - TP3	52	99.68	0.32	0.00	0.00	
Indaver	Indaver - IW1	16	92.71	7.23	0.06	0.00
Synergen	Dublin Bay - DB1	405	87.58	10.12	1.35	0.95
Tynagh Energy Ltd	Tynagh - TYC	384	89.02	3.37	3.94	3.67
Viridian	Huntstown - HN2	400	85.95	10.53	0.54	2.98
	Huntstown - HNC	342	84.98	0.20	11.35	3.47

Table 5: Unit-by-Unit 365 Day Rolling Availability Demand Side Units – September 2018 to September 2019

Unit-by-Unit 365 Day Rolling Availability – September 2019					
Company	Unit	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
Activation Energy	Activation Energy 1 – AE1	25.71	59.91	14.38	0
	Activation Energy 2 – AE2	18.65	79.05	2.3	0
	Activation Energy 3 – AE3	55.45	44.55	0	0
	Activation Energy 4 – AE4	52.74	35.41	11.85	0
	Activation Energy 5 – AE5	55.08	19.55	25.37	0
	Enernoc 1-EN1	20.18	79.82	0	0
	Enernoc 2-EN2	0.38	99.62	0	0
	Enernoc3-EN3	6.32	93.68	0	0
	Enernoc 4-EN4	5.87	94.12	0.01	0
	Enernoc 5-EN5	51.67	43.55	4.78	0
	Enernoc 6-EN6	63.65	31.63	4.72	0
DAE VPP	DAE VPP – DP1	54.29	0.02	45.69	0
	DAE VPP – DP2	8.04	0	91.96	0
Electricity Exchange Ltd	Electricity Exchange – EE1	51.83	0.01	48.16	0
	Electricity Exchange – EE2	37.92	0.01	62.07	0
	Electricity Exchange – EE3	39.68	0.08	60.24	0
	Electricity Exchange – EE4	52.44	0.21	47.35	0
	Electricity Exchange – EE5	54.54	0.05	45.41	0
Electric Ireland	Electric Ireland – EI1	72.06	0.02	27.92	0
Endeco	Endeco 1 – EC1	59.17	0	40.83	0
	Endeco 2 – EC2	29.09	0	70.91	0
	Endeco 5 – EC5	53.3	0	46.7	0
Energy Trading Ireland	Energy Trading – ET1	58.09	41.91	0	0
Powerhouse	Powerhouse – PG1	48.24	51.76	0	0
Viridian	Viridian Energy – VE1	50.9	0	49.1	0
	Viridian Energy – VE2	52.11	0	47.89	0

Table 6: 365 Day Rolling System Total Average Availability – September 2018 to September 2019

	Yearly Availability %	Yearly Forced %	Yearly Scheduled %	Yearly Ambient %
System Total Average Availability	75.56	15.89	7.63	0.92

Whilst it strives to ensure as high a level of accuracy as possible, EirGrid makes no warranties or representations of any kind with respect to the content of this report (including without limitation its quality, accuracy, and completeness.) and EirGrid accepts no liability for any reliance on the information presented here.