

APPENDIX A:

MONITORING WELL CONSTRUCTION DETAILS

Table A-1. Florida Power & Light Turkey Point Plant Monitoring Well Construction Details

Monitoring Well	Top of Casing Elevation (ft NAVD88)	Depth to Top of Screen from TOC (ft)	Depth to Bottom of Screen from TOC (ft)	Screen Length (ft)	Top of Screen Elevation (ft NAVD88)	Bottom of Screen Elevation (ft NAVD88)	Elevation Screen Midpoint (ft NAVD88)
TPGW-1S	3.82	32.0	34.0	2	-28.18	-30.18	-29.18
TPGW-1M	3.92	52.1	54.1	2	-48.18	-50.18	-49.18
TPGW-1D	4.20	85.3	89.3	4	-81.10	-85.10	-83.10
TPGW-2S	1.36	24.7	28.7	4	-23.34	-27.34	-25.34
TPGW-2M	1.18	50.5	52.5	2	-49.32	-51.32	-50.32
TPGW-2D	1.14	85.5	87.5	2	-84.36	-86.36	-85.36
TPGW-3S	1.44	27.1	31.1	4	-25.66	-29.66	-27.66
TPGW-3M	1.22	54.7	58.7	4	-53.48	-57.48	-55.48
TPGW-3D	1.10	86.6	88.6	2	-85.50	-87.50	-86.5
TPGW-4S	2.24	23.2	25.2	2	-20.96	-22.96	-21.96
TPGW-4M	1.82	38.1	43.1	5	-36.28	-41.28	-38.78
TPGW-4D	1.92	61.6	65.6	4	-59.68	-63.68	-61.68
TPGW-5S	5.35	28.6	32.6	4	-23.25	-27.25	-25.25
TPGW-5M	5.07	49.3	54.3	5	-44.23	-49.23	-46.73
TPGW-5D	5.22	67.0	72.0	5	-61.78	-66.78	-64.28
TPGW-6S	1.56	22.3	24.3	2	-20.74	-22.74	-21.74
TPGW-6M	1.52	48.7	52.7	4	-47.18	-51.18	-49.18
TPGW-6D	1.59	81.9	85.9	4	-80.31	-84.31	-82.31
TPGW-7S	1.36	21.8	25.8	4	-20.44	-24.44	-22.44
TPGW-7M	1.25	47.7	51.7	4	-46.45	-50.45	-48.45
TPGW-7D	1.19	79.7	83.7	4	-78.51	-82.51	-80.51
TPGW-8S	1.98	16.8	20.8	4	-14.82	-18.82	-16.82
TPGW-8M	2.12	34.9	36.9	2	-32.78	-34.78	-33.78
TPGW-8D	2.01	49.2	53.2	4	-47.19	-51.19	-49.19
TPGW-9S	3.63	14.9	18.9	4	-11.27	-15.27	-13.27

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TPGW-9M	3.53	34.3	36.3	2	-30.77	-32.77	-31.77
TPGW-9D	3.52	47.9	49.9	2	-44.38	-46.38	-45.38
TPGW-10S*	8.3	36.4	38.4	2	-28.1	-30.1	-29.1
TPGW-10M*	8.3	60.4	64.4	4	-52.1	-56.1	-54.1
TPGW-10D*	8.3	126.5	130.5	4	-118.2	-122.2	-120.1
TPGW-11S*	8.7	39.4	43.4	4	-30.7	-34.7	-32.7
TPGW-11M*	8.7	90.4	94.4	4	-81.7	-85.7	-83.7
TPGW-11D*	8.7	122.4	126.4	4	-113.7	-117.7	-115.7
TPGW-12S	0.52	21.6	23.6	2	-21.08	-23.08	-22.08
TPGW-12M	0.73	55.8	59.8	4	-55.07	-59.07	-57.07
TPGW-12D	0.76	89.8	93.8	4	-89.04	-93.04	-91.04
TPGW-13S	2.19	29.8	33.8	4	-27.61	-31.61	-29.61
TPGW-13M	2.13	56.7	60.7	4	-54.57	-58.57	-56.57
TPGW-13D	2.18	84.9	88.9	4	-82.72	-86.72	-84.72
TPGW-14S*	8.8	32.5	36.5	4	-23.7	-27.7	-25.7
TPGW-14M*	8.8	56.3	60.3	4	-47.5	-51.5	-49.5
TPGW-14D*	8.6	102.2	106.2	4	-93.6	-97.6	-95.6

* Offshore wells surveyed using GPS are only accurate to 0.1 foot.

Key:

ft = Feet.

NAVD88 = North American Vertical Datum of 1988.

S = Shallow.

M = Intermediate.

D = Deep.

TOC = Top of casing.