

# Novi Ocean



	]4-5]	]5-6]	]6-7]	]7-8]	]8-9]	]9-10]	]10-11]	]11-12]	]12-13]	]13-14]	]14-15]	]15-16]
]0-0,5]	10.00	20.00	30.00	40.00	50.00	30.00	70.00	30.00	70.00	40.00	60.00	40.00
]0,5-1]	70.00	100.00	150.00	190.00	240.00	250.00	310.00	240.00	410.00	190.00	470.00	160.00
]1-1,5]	170.00	240.00	320.00	390.00	430.00	470.00	480.00	640.00	600.00	840.00	620.00	1030.00
]1,5-2]	420.00	570.00	720.00	870.00	980.00	1200.00	1060.00	1420.00	1010.00	1620.00	1050.00	1590.00
]2-2,5]	520.00	720.00	940.00	1130.00	1280.00	1830.00	1470.00	2020.00	1490.00	2400.00	1860.00	2430.00
]2,5-3]	850.00	1170.00	1510.00	1760.00	1930.00	2240.00	2500.00	2430.00	2730.00	2410.00	2750.00	2330.00
]3-3,5]	1240.00	1720.00	2130.00	2500.00	2900.00	2770.00	3340.00	3230.00	3510.00	3400.00	3400.00	3320.00
]3,5-4]	1720.00	2110.00	2490.00	2920.00	3320.00	3510.00	3890.00	4460.00	4090.00	5100.00	4440.00	5240.00
]4-4,5]	2330.00	2880.00	3140.00	3250.00	3450.00	4840.00	3520.00	5180.00	3630.00	5290.00	4150.00	5770.00
]4,5-5]	2300.00	2880.00	3350.00	3760.00	4220.00	5460.00	5180.00	6340.00	6250.00	6390.00	6760.00	5930.00

Figure 2:3 Power Matrix for adjusted nozzle area

# Novi Ocean™ Status and target

## Status

- Dec. 2018: Exact data animations ready, LCOE January 2019.
- 2019 February, Prototype of float 1/20 scale ready, 4.5x0.55 meters.
- 2019 spring term at KTH university, 8 students, prototype of 1/20 scale PTO further developed, built and tested together with float.
- 2019 September, tank testing 1/20 scale
- 2019: Prototype PTO 1/4 scale is being designed, built and tested.
- 2019 Preferentially, design and construction of 1/2 scale float will be started, to be joined by PTO for sea tests spring 2020

## Target

- *When these tasks are done, or in good progress, industrial collaboration partners, investors and end customers, will have a solid base for commitment.*
- *However, as we need to speed up for the enviroments sake, we will seek collaboration talks before that, beginning winter 2019. Intention to be ready for potential participation by third quarter 2019, depending on need*

Cost/MW measured as LCOE = Levelized Cost Of Energy

## WHY RENAWBLE ENERGY MAKES BUSINESS SENSE

