

Übersicht

Projekt	Demo Offshore 1
Szenario	Base scenario (P90/P50)
Stand	Demo Offshore 1

Projekt

Projekttyp	Wind Farm
Entwickler	NA
Betreiber	NA
Projektname	Demo Offshore 1
Projektstatus	Operational
Projektversion	1.5.5.0205

Projektdaten

Betriebsstart	1-Jan-2011
Laufzeit	15
Enddatum	31-Dec-25
Währung	EUR

Energieproduktion und Tarife

Bruttoproduktion inkl. Wirkungsgrad [kWh]	1,645,068,930
Nettoproduktion (P50)	1,645,068,930
Nettoproduktion (P75)	1,556,302,360
Nettoproduktion (P90)	1,476,409,677
Tarif 1. Jahr [EUR/kWh]	0.1500
Tarif 21. Jahr [EUR/kWh]	0.0955
Inflationsrate für Einnahmen	3%

Finanzierung

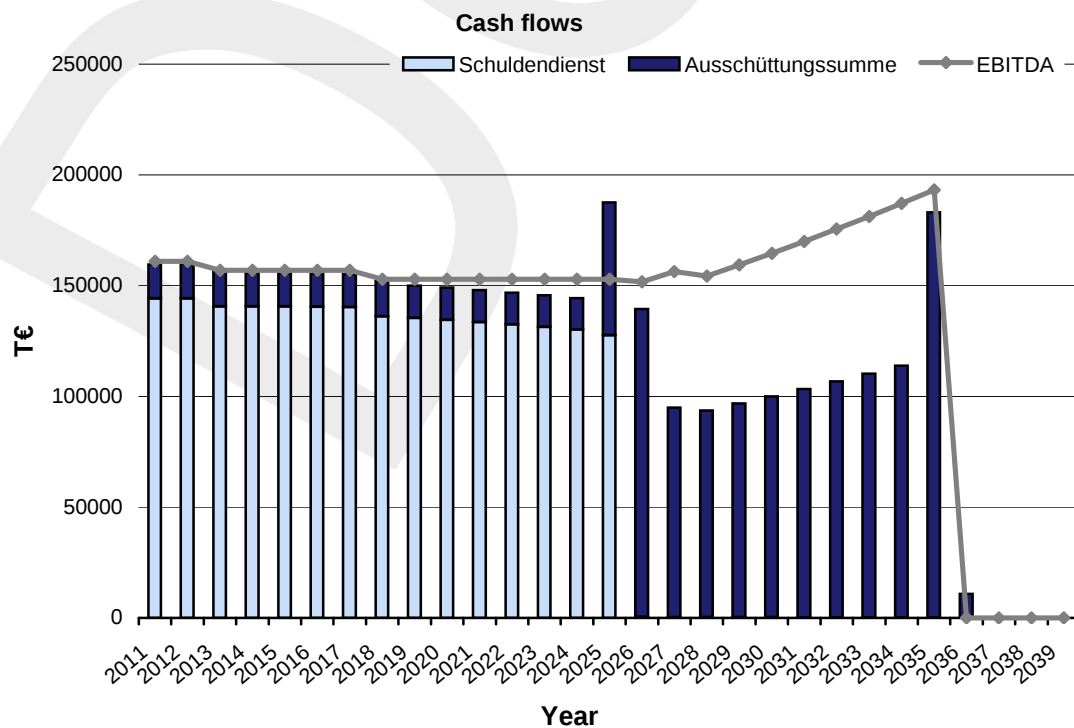
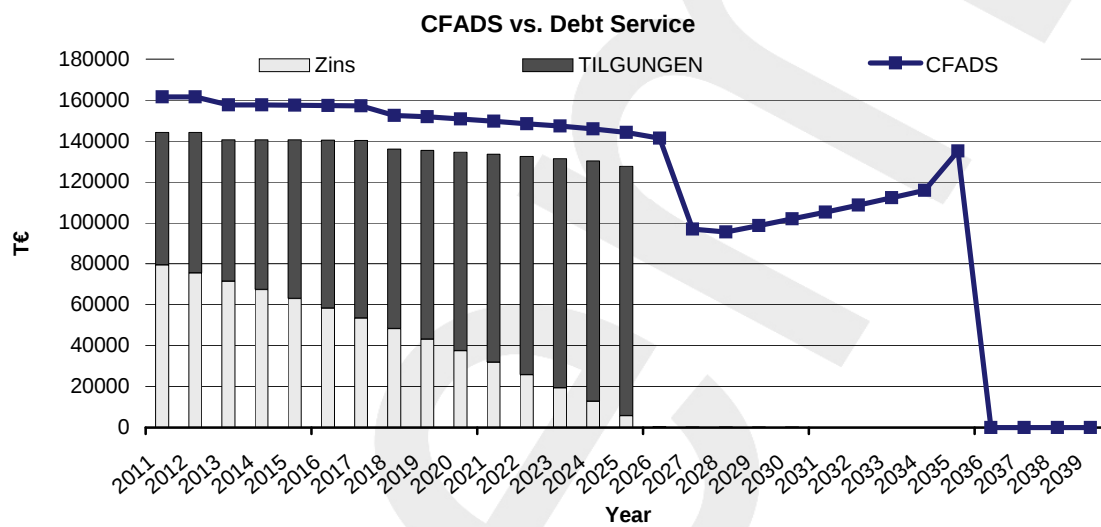
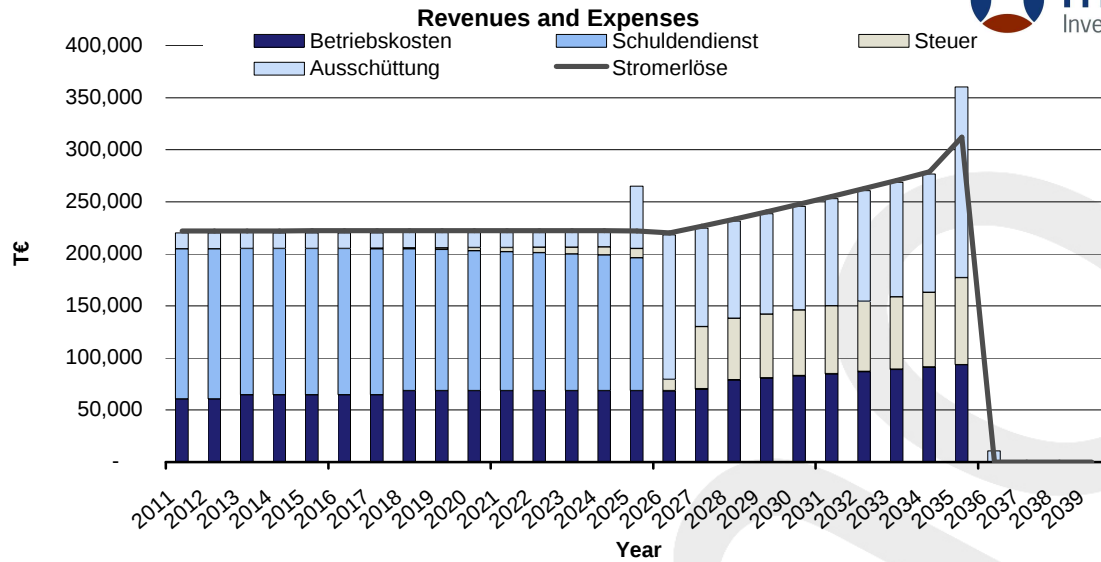
Fremdkapital	Senior	Sub	Erstrisiko
Betrag [EUR]	965,776,299	393,000,000	0
Ausgabedatum	1-Jan-2011	1-Jan-2011	NA
Laufzeit [Jahre]	15	15	NA
Fälligkeitstag	30-Dec-2025	30-Dec-2025	NA
Tilgungsfreie Periode [Jahre]	0.0	0.0	NA
Zinssatz	5.55%	6.55%	NA
Min. Schuldendienst-Deckungsgrad	1.6	1.4	NA
DSCR Min.	1.602	1.402	NA
DSCR Durchschn.	1.604	1.404	NA
Eigenkapital			
Betrag [EUR]	364,000,000		
Einzahltag	1-Jan-2011		
Eigenkapital Zinsfuß (Vorgabe)	11.0%		
Eigenkapital Zinsfuß	11.1%		

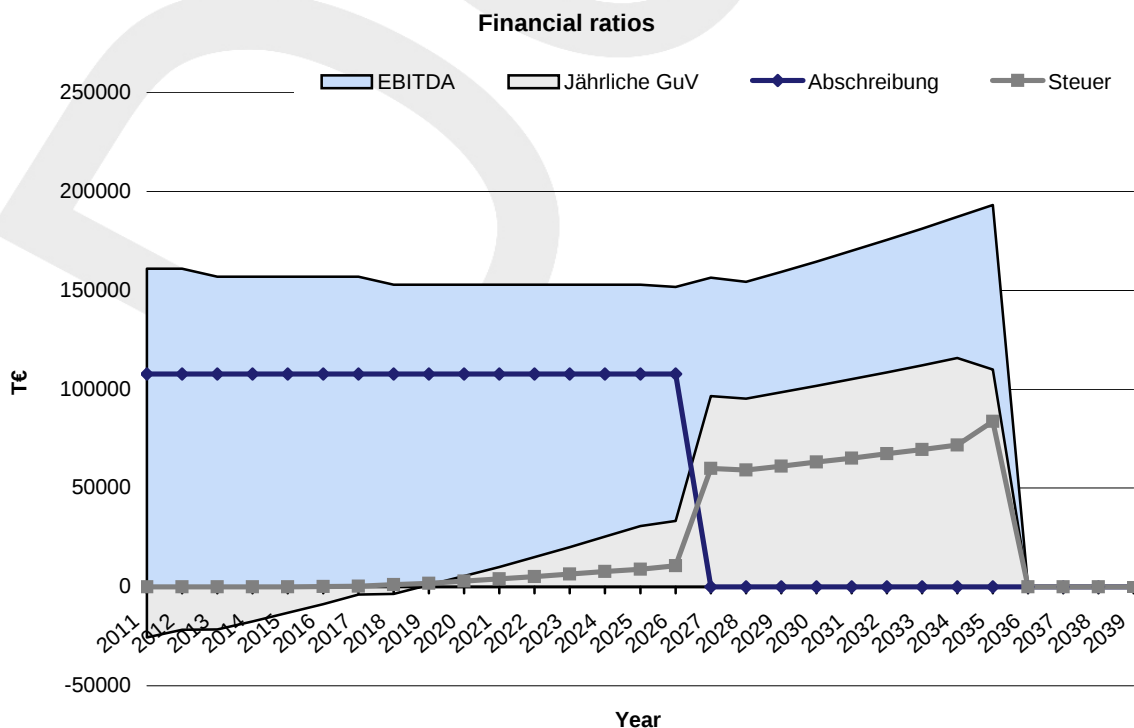
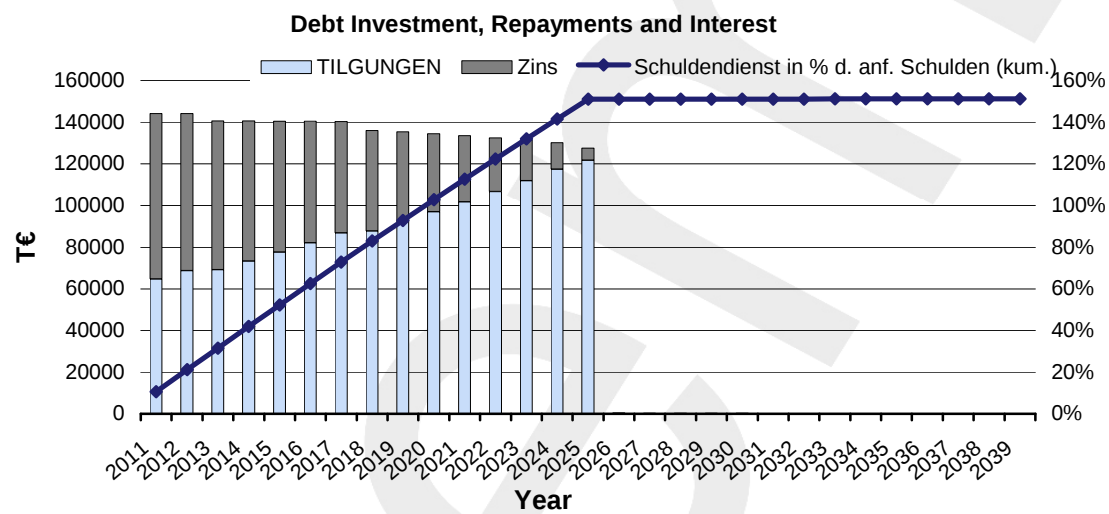
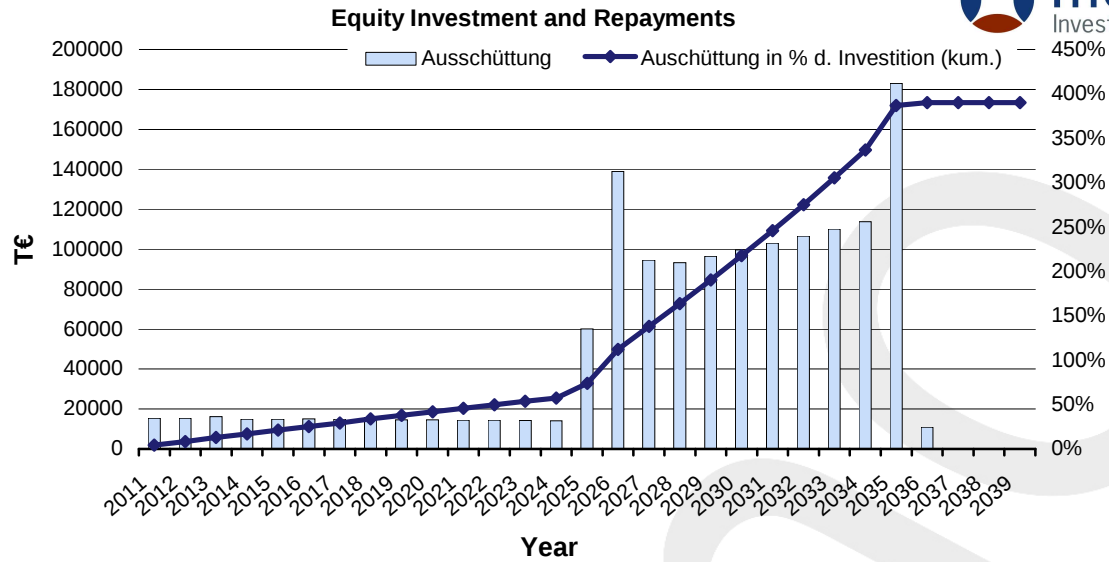
Finanzierungskennzahlen

Eigenkapital in %	21%
Vorrangiger Anteil in %	56%
Nachrangiger Anteil in %	23%
Erstrisiko-Anteil in %	0%
Fremdkapital in %	79%
Investitionskosten [EUR / kWp]	4,307
Parkpreis [EUR / kWp]	4,155

Technische Kennzahlen

	P50	P75	P90
Investitionskosten [EUR / kWh]	0.0698	0.0738	0.0778
Parkpreis [EUR / kWh]	0.0674	0.0712	0.0750
Lebensdauer adjustierter Parkpreis [EUR / kWh]	0.0404	0.0427	0.0450
Volllaststunden [h]	4,113	3,891	3,691
Kapazitätsfaktor	47%	44%	42%





Bilanz

Projekt Demo Offshore 1
Szenario Base scenario (P90/P50)
Stand Demo Offshore 1

SUMME													
Finanzjahr	1	2	3	4	5	6	7	8	9	10	11	12	
Kalenderjahr	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Stromerlöse													
Nettoleistung	36,910,241,931	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677
Einspeise-Tarif		0.1500	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500
Ertrag nach Szenario	5,840,327,558	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452	221,461,452
Zinserträge aus Liquidität	15,387,392	607,763	627,763	635,738	655,738	675,738	695,466	715,163	720,685	738,755	755,641	772,362	788,909
Gesamterträge	5,880,714,950	222,069,215	222,089,215	222,097,190	222,117,190	222,137,190	222,156,917	222,176,615	222,182,137	222,200,207	222,217,092	222,233,813	222,250,361
Betriebskosten													
Miet-/Pachtkosten	-	-	-	-	-	-	-	-	-	-	-	-	-
Beratungskosten	1,242,057,323	38,755,754	38,755,754	42,755,754	42,755,754	42,755,754	42,755,754	42,755,754	46,755,754	46,755,754	46,755,754	46,755,754	46,755,754
Versicherung	408,822,929	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302	15,502,302
Wartung	14,600,819	553,654	553,654	553,654	553,654	553,654	553,654	553,654	553,654	553,654	553,654	553,654	553,654
Eigener Energieverbrauch	5,833,482	160,000	164,800	169,744	174,836	180,081	185,484	191,048	196,780	202,683	208,764	215,027	221,477
Sonstige Kosten	-	-	-	-	-	-	-	-	-	-	-	-	-
Betriebs-/Verwaltungskosten	146,008,189	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536	5,536,536
Gesamtkosten	1,817,322,742	60,508,246	60,513,046	64,517,990	64,523,082	64,528,327	64,533,729	64,539,294	68,545,025	68,550,929	68,557,009	68,563,272	68,569,723
Rückbau-Reservekonto	600,000,000	2,000,000	4,000,000	6,000,000	8,000,000	10,000,000	12,000,000	14,000,000	16,000,000	18,000,000	20,000,000	22,000,000	24,000,000
Schuldendienst													
Zinskosten	695,359,679	79,398,990	75,529,758	71,482,858	67,353,971	62,979,822	58,350,028	53,452,934	48,333,093	43,104,381	37,605,437	31,835,871	25,782,284
Tilgung	1,358,776,299	64,753,834	68,636,460	69,116,473	73,257,721	77,574,121	82,067,136	86,818,592	92,739,477	92,358,159	96,907,667	101,680,476	106,687,624
Schuldendienst	2,054,135,978	144,152,824	144,166,217	140,599,331	140,611,692	140,553,943	140,417,164	140,271,526	136,072,571	135,462,540	134,513,104	133,516,347	132,469,908
DSCR Senior (Durchschn.)		1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602	1.602
DSCR Sub (Durchschn.)		1.402	1.402	1.402	1.402	1.402	1.402	1.402	1.402	1.402	1.402	1.402	1.402
Ausschüttung													
Verfügbares Cashflow für Ausschüttung	758,908,821	15,408,146	13,409,952	10,979,869	8,982,416	6,976,904	4,962,039	2,946,308	441,371	(1,631,818)	(3,744,920)	(5,863,684)	(7,988,352)
Ausschüttungssumme	1,419,685,120	15,408,113	15,409,952	16,182,367	14,982,416	14,976,904	14,989,302	14,976,581	15,889,121	14,561,237	14,566,498	14,464,237	14,356,897
Steuer													
Abschreibung	1,722,776,299	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519	107,673,519
Steuer	650,347,409	-	-	-	-	78,016	243,986	419,487	1,123,170	1,818,556	2,891,899	4,017,878	5,199,082
Finanzkennzahlen													
EBITDA	4,023,004,816	160,953,206	160,948,406	156,943,462	156,938,370	156,933,125	156,927,722	156,922,158	152,916,426	152,910,523	152,904,442	152,898,179	152,891,729
EBIDA	3,372,657,407	160,953,206	160,948,406	156,943,462	156,938,370	156,855,108	156,683,736	156,502,671	151,793,257	151,091,967	150,012,543	148,880,302	147,692,647
EBIT	2,300,228,516	53,279,687	53,274,887	49,269,943	49,264,851	49,259,606	49,254,203	49,248,639	45,242,907	45,237,004	45,230,924	45,224,661	45,218,210
EBT	1,620,256,230	(25,511,539)	(21,627,107)	(21,577,177)	(17,433,382)	(13,044,477)	(8,400,359)	(3,489,132)	(2,369,500)	2,871,378	8,381,127	14,161,151	20,224,835
Jährliche GuV	969,908,821	(25,511,539)	(21,627,107)	(21,577,177)	(17,433,382)	(13,122,494)	(8,644,344)	(3,908,619)	(3,492,670)	1,052,822	5,489,228	10,143,273	15,025,753

Bemerkung:

EBIT = Operatives Ergebnis

EBT = Ergebnis vor Steuer

Jährliche GuV = Jahresüberschuss

Bilanz

Projekt
Szenario
Stand

Finanzjahr	13	14	15	16	17	18	19	20	21	22	23	24	25
Kalenderjahr	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Stromerlöse													
Nettoleistung	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677	1,476,409,677
Einspeise-Tarif	0.1500	0.1500	0.1500	0.1489	0.1532	0.1578	0.1626	0.1675	0.1725	0.1777	0.1830	0.1885	0.1941
Ertrag nach Szenario	221,461,452	221,461,452	221,461,452	219,816,661	226,258,993	233,046,763	240,038,166	247,239,311	254,656,490	262,296,185	270,165,070	278,270,022	286,618,123
Zinserträge aus Liquidität	805,275	821,450	388,268	408,268	428,268	448,268	468,268	488,268	508,268	528,268	548,268	568,268	588,268
Gesamterträge	222,266,726	222,282,901	221,849,719	220,224,929	226,687,261	233,495,031	240,506,434	247,727,578	255,164,758	262,824,452	270,713,338	278,838,290	312,206,391
Betriebskosten													
Miet-/Pachtkosten	-	-	-	-	-	-	-	-	-	-	-	-	-
Beratungskosten	46,755,754	46,755,754	46,755,754	46,467,916	47,595,324	55,783,183	57,006,679	58,266,879	59,564,886	60,901,832	62,278,887	63,697,254	65,158,172
Versicherung	15,502,302	15,502,302	15,502,302	15,387,166	15,838,130	16,313,273	16,802,672	17,306,752	17,825,954	18,360,733	18,911,555	19,478,902	20,063,269
Wartung	553,654	553,654	553,654	549,542	565,647	582,617	600,095	618,098	636,641	655,740	675,413	695,675	716,545
Eigener Energieverbrauch	228,122	234,965	242,014	249,275	256,753	264,456	272,389	280,561	288,978	297,647	306,577	315,774	325,247
Sonstige Kosten	-	-	-	-	-	-	-	-	-	-	-	-	-
Betriebs-/Verwaltungskosten	5,536,536	5,536,536	5,536,536	5,495,417	5,656,475	5,826,169	6,000,954	6,180,983	6,366,412	6,557,405	6,754,127	6,956,751	7,165,453
Gesamtkosten	68,576,367	68,583,211	68,590,260	68,149,315	69,912,329	78,769,698	80,682,789	82,653,273	84,682,871	86,773,357	88,926,558	91,144,355	93,428,686
Rückbau-Reservekonto	26,000,000	28,000,000	30,000,000	32,000,000	34,000,000	36,000,000	38,000,000	40,000,000	42,000,000	44,000,000	46,000,000	48,000,000	-
Schuldendienst													
Zinskosten	19,430,606	12,766,059	5,753,587	400,000	360,000	320,000	280,000	240,000	200,000	160,000	120,000	80,000	40,000
Tilgung	111,940,768	117,452,101	121,785,692	-	-	-	-	-	-	-	-	-	-
Schuldendienst	131,371,373	130,218,160	127,539,279	400,000	360,000	320,000	280,000	240,000	200,000	160,000	120,000	80,000	40,000
DSCR Senior (Durchschn.)	1.602	1.602	1.638	353.533	269.165	298.813	352.689	424.916	526.517	679.543	935.443	1,448.566	3,376.439
DSCR Sub (Durchschn.)	1.403	1.403	1.424	1,000.000	1,000.000	1,000.000	1,000.000	1,000.000	1,000.000	1,000.000	1,000.000	1,000.000	1,000.000
Ausschüttung													
Verfügbares Cashflow für Ausschüttung	(10,119,258)	(12,256,736)	(13,284,930)	109,013,036	62,539,326	59,300,091	60,472,905	61,739,751	63,103,470	64,566,945	66,133,175	67,805,241	135,017,575
Ausschüttungssumme	14,244,169	14,125,771	60,033,265	139,013,036	94,539,326	93,300,091	96,472,905	99,739,751	103,103,470	106,566,945	110,133,175	113,805,241	183,017,575
Steuer													
Abschreibung	107,673,519	107,673,519	107,673,519	107,673,519	-	-	-	-	-	-	-	-	-
Steuer	6,438,244	7,738,267	9,005,111	10,662,578	59,875,606	59,105,242	61,070,739	63,094,554	65,178,417	67,324,150	69,533,605	71,808,694	83,720,130
Finanzkennzahlen													
EBITDA	152,885,084	152,878,241	152,871,192	151,667,346	156,346,664	154,277,064	159,355,376	164,586,038	169,973,619	175,522,827	181,238,512	187,125,667	193,189,437
EBIDA	146,446,840	145,139,974	143,866,081	141,004,768	96,471,059	95,171,823	98,284,637	101,491,484	104,795,202	108,198,677	111,704,907	115,316,973	109,469,307
EBIT	45,211,566	45,204,722	45,197,673	43,993,827	156,346,664	154,277,064	159,355,376	164,586,038	169,973,619	175,522,827	181,238,512	187,125,667	193,189,437
EBT	26,586,235	33,260,113	39,832,354	44,002,095	156,414,932	154,405,332	159,543,644	164,834,305	170,281,886	175,891,095	181,666,780	187,613,935	193,737,705
Jährliche GuV	20,147,991	25,521,847	30,827,243	33,339,517	96,539,326	95,300,091	98,472,905	101,739,751	105,103,470	108,566,945	112,133,175	115,805,241	110,017,575

Bemerkung:

EBIT = Operatives Ergebnis

EBT = Ergebnis vor Steuer

Jährliche GuV = Jahresüberschuss