



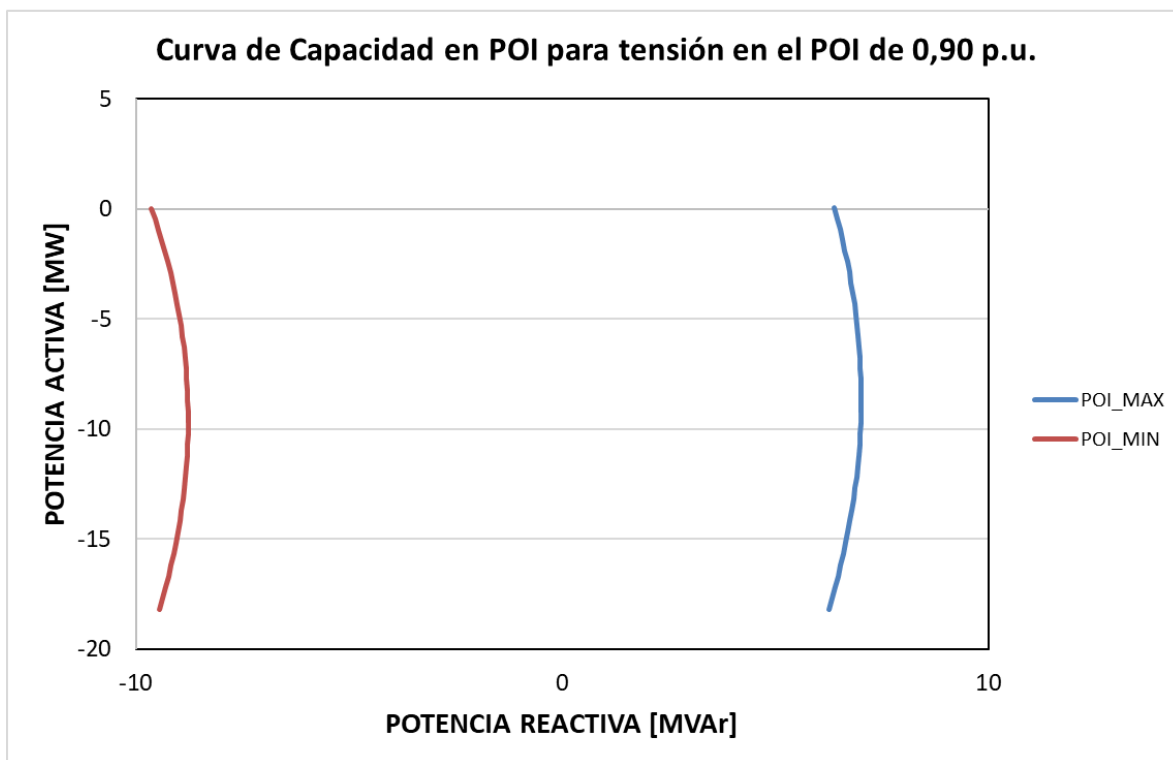
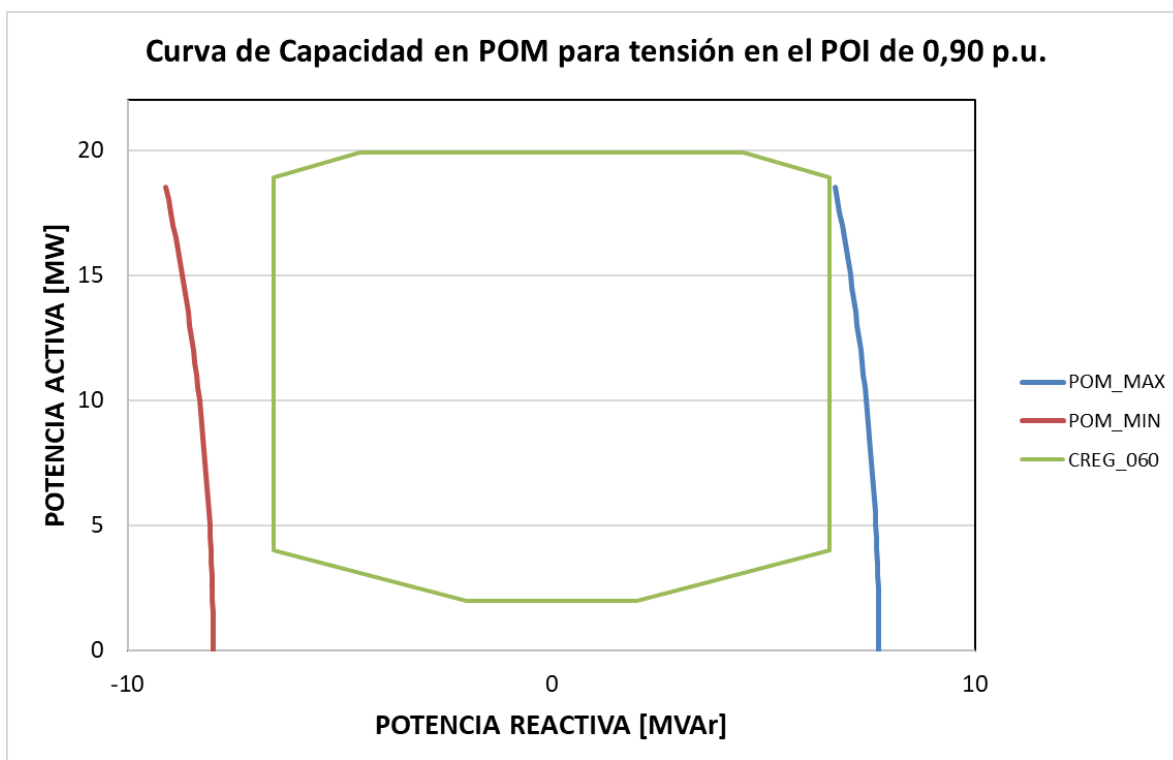
Según lo estipulado en el Acuerdo CNO 1869, el agente debe suministrar la función matemática o una familia de curvas con un paso de tensión de 0.01 p.u desde una tensión en el punto donde se define la curva de referencia de 0.9 p.u a 1.1 p.u, que permita calcular la potencia reactiva de acuerdo con la tensión que se tenga en el punto donde se define la curva de referencia.

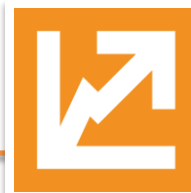
Para el caso de los autogeneradores que no entregan excedentes se entregará una familia de curvas en el POM y en el punto de conexión sin incluir el consumo de potencia reactiva del cliente. Se considera una carga de 20 MW con el objetivo de evaluar el punto de máxima potencia activa declarada en el POM de 19.9 MW, de tal forma que no se entreguen excedentes en el POI.

Por lo tanto, en el presente informe se presenta la familia de curvas en el POM, en función de la tensión en el POI, tanto de forma gráfica como de forma tabular.



1 Tensión en el POI de 0.90 p.u.

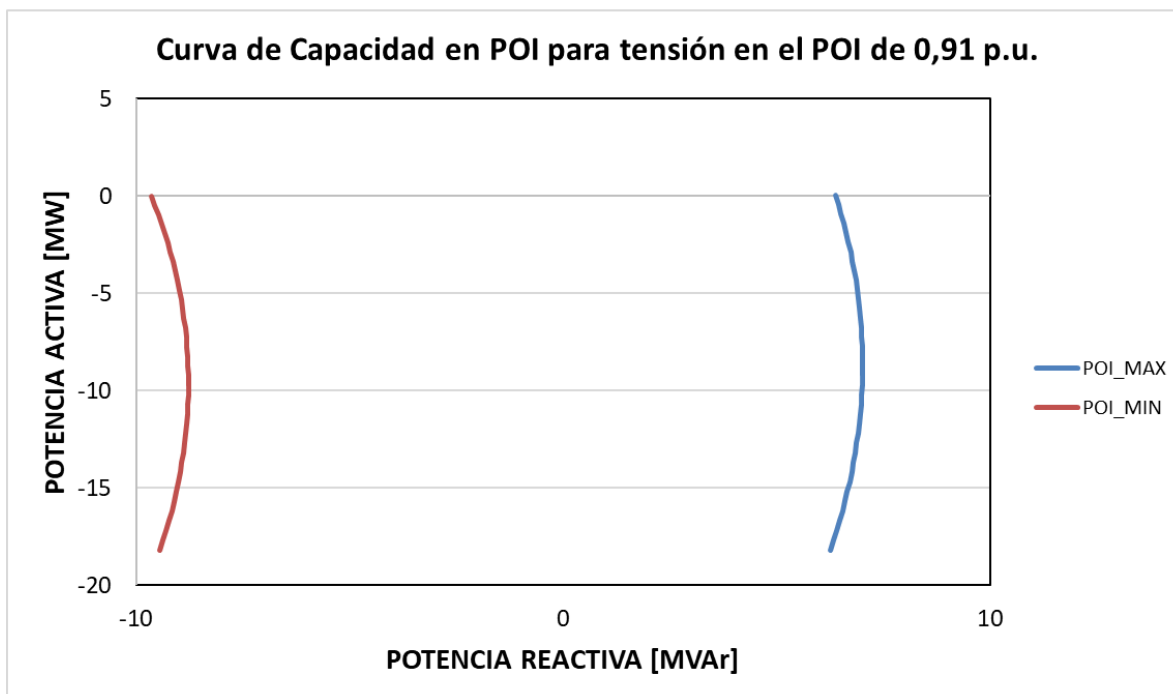
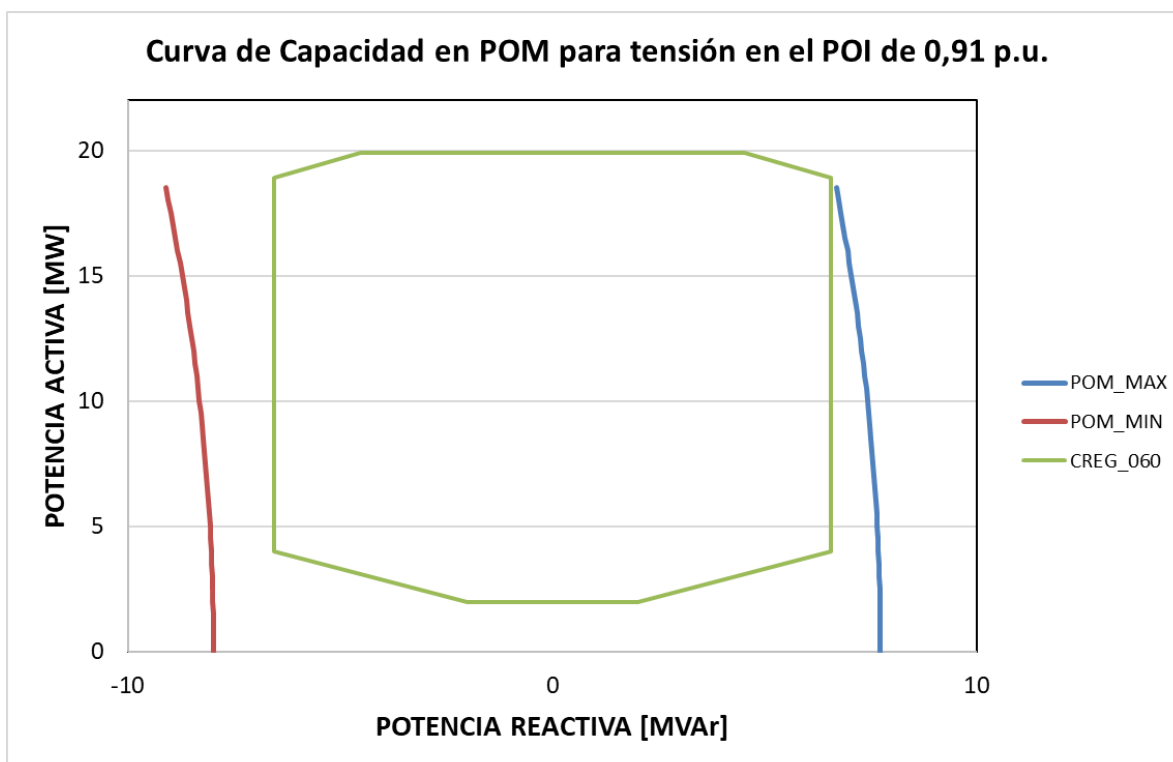


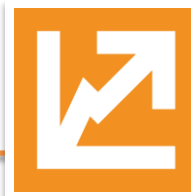


0.9							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,727	-7,989	0	0	6,256	-9,443	-18,184	-18,189
7,727	-7,99	0,5	0,5	6,334	-9,367	-17,68	-17,685
7,725	-7,992	1	1	6,407	-9,295	-17,178	-17,182
7,721	-7,996	1,5	1,5	6,476	-9,228	-16,675	-16,68
7,716	-8,001	2	2	6,541	-9,165	-16,174	-16,179
7,709	-8,008	2,5	2,5	6,602	-9,107	-15,673	-15,678
7,701	-8,017	3	3	6,659	-9,054	-15,172	-15,178
7,691	-8,027	3,5	3,5	6,711	-9,006	-14,673	-14,678
7,68	-8,039	4	4	6,759	-8,962	-14,174	-14,18
7,667	-8,053	4,5	4,5	6,803	-8,923	-13,675	-13,682
7,653	-8,069	5	5	6,842	-8,888	-13,177	-13,184
7,637	-8,086	5,5	5,5	6,878	-8,858	-12,68	-12,687
7,62	-8,104	6	6	6,909	-8,832	-12,184	-12,191
7,601	-8,125	6,5	6,5	6,937	-8,811	-11,688	-11,696
7,58	-8,147	7	7	6,96	-8,794	-11,192	-11,201
7,558	-8,17	7,5	7,5	6,979	-8,782	-10,697	-10,707
7,535	-8,195	8	8	6,994	-8,775	-10,203	-10,214
7,51	-8,222	8,5	8,5	7,005	-8,771	-9,71	-9,721
7,483	-8,251	9	9	7,012	-8,772	-9,217	-9,229
7,455	-8,281	9,5	9,5	7,015	-8,778	-8,724	-8,737
7,426	-8,312	10	10	7,014	-8,788	-8,233	-8,247
7,395	-8,346	10,5	10,5	7,009	-8,803	-7,741	-7,757
7,362	-8,381	11	11	7	-8,821	-7,251	-7,267
7,328	-8,417	11,5	11,5	6,986	-8,845	-6,761	-6,778
7,293	-8,455	12	12	6,969	-8,872	-6,271	-6,29
7,256	-8,495	12,5	12,5	6,948	-8,904	-5,783	-5,803
7,217	-8,537	13	13	6,923	-8,941	-5,295	-5,316
7,177	-8,58	13,5	13,5	6,894	-8,982	-4,807	-4,829
7,136	-8,624	14	14	6,861	-9,027	-4,32	-4,344
7,092	-8,67	14,5	14,5	6,824	-9,076	-3,834	-3,859
7,048	-8,718	15	15	6,783	-9,13	-3,348	-3,375
7,002	-8,768	15,5	15,5	6,738	-9,189	-2,863	-2,891
6,954	-8,819	16	16	6,69	-9,252	-2,378	-2,408
6,905	-8,872	16,5	16,5	6,637	-9,319	-1,894	-1,926
6,855	-8,926	17	17	6,58	-9,39	-1,411	-1,444
6,802	-8,982	17,5	17,5	6,519	-9,466	-0,928	-0,963
6,749	-9,04	18	18	6,454	-9,547	-0,446	-0,483
6,694	-9,1	18,5	18,5	6,386	-9,631	0,036	-0,003



2 Tensión en el POI de 0.91 p.u.

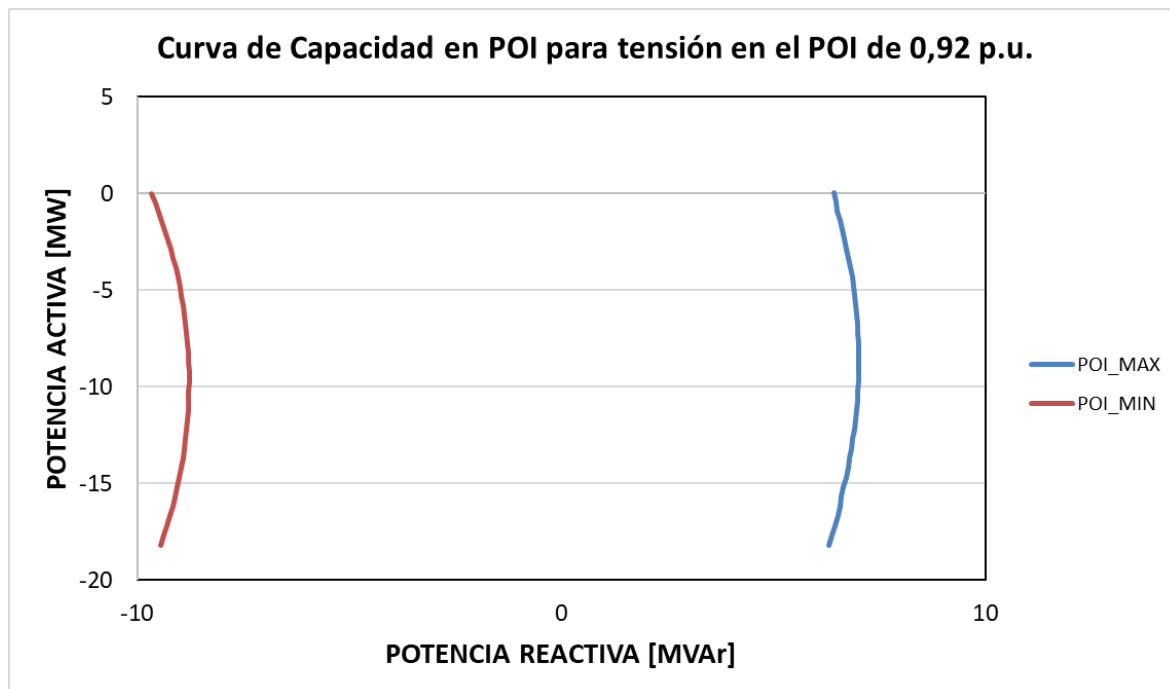
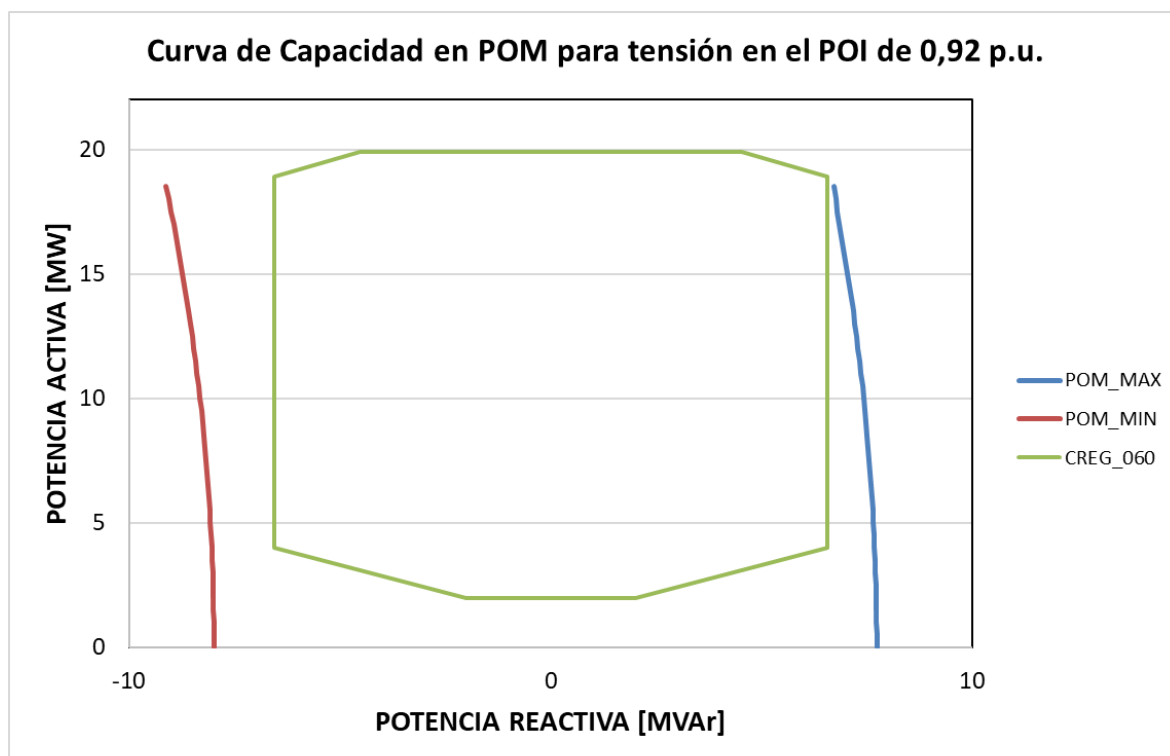


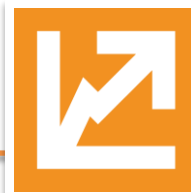


0.91							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,726	-7,991	0	0	6,258	-9,442	-18,184	-18,188
7,725	-7,992	0,5	0,5	6,336	-9,365	-17,681	-17,685
7,724	-7,994	1	1	6,409	-9,294	-17,178	-17,182
7,72	-7,998	1,5	1,5	6,478	-9,227	-16,676	-16,68
7,715	-8,003	2	2	6,543	-9,164	-16,174	-16,179
7,708	-8,01	2,5	2,5	6,604	-9,107	-15,673	-15,678
7,7	-8,019	3	3	6,66	-9,054	-15,173	-15,178
7,69	-8,03	3,5	3,5	6,713	-9,005	-14,673	-14,678
7,679	-8,042	4	4	6,761	-8,962	-14,174	-14,18
7,666	-8,056	4,5	4,5	6,804	-8,923	-13,676	-13,682
7,651	-8,071	5	5	6,844	-8,888	-13,178	-13,184
7,636	-8,089	5,5	5,5	6,879	-8,858	-12,681	-12,688
7,618	-8,107	6	6	6,911	-8,833	-12,184	-12,192
7,599	-8,128	6,5	6,5	6,938	-8,812	-11,688	-11,696
7,578	-8,15	7	7	6,961	-8,796	-11,193	-11,202
7,556	-8,174	7,5	7,5	6,98	-8,784	-10,698	-10,708
7,533	-8,199	8	8	6,995	-8,776	-10,204	-10,214
7,508	-8,226	8,5	8,5	7,006	-8,773	-9,71	-9,722
7,481	-8,255	9	9	7,013	-8,775	-9,217	-9,23
7,453	-8,285	9,5	9,5	7,015	-8,781	-8,725	-8,738
7,423	-8,317	10	10	7,014	-8,791	-8,233	-8,248
7,392	-8,351	10,5	10,5	7,009	-8,806	-7,742	-7,758
7,359	-8,386	11	11	7	-8,825	-7,252	-7,268
7,325	-8,423	11,5	11,5	6,986	-8,849	-6,762	-6,78
7,29	-8,461	12	12	6,969	-8,877	-6,272	-6,292
7,252	-8,501	12,5	12,5	6,948	-8,91	-5,784	-5,804
7,214	-8,543	13	13	6,923	-8,947	-5,296	-5,317
7,173	-8,586	13,5	13,5	6,893	-8,988	-4,808	-4,831
7,132	-8,631	14	14	6,86	-9,034	-4,321	-4,346
7,089	-8,678	14,5	14,5	6,823	-9,084	-3,835	-3,861
7,044	-8,726	15	15	6,782	-9,138	-3,349	-3,377
6,998	-8,776	15,5	15,5	6,737	-9,197	-2,864	-2,893
6,95	-8,828	16	16	6,687	-9,261	-2,38	-2,411
6,9	-8,881	16,5	16,5	6,634	-9,328	-1,896	-1,929
6,85	-8,936	17	17	6,577	-9,401	-1,412	-1,447
6,797	-8,992	17,5	17,5	6,516	-9,477	-0,93	-0,966
6,743	-9,051	18	18	6,451	-9,558	-0,448	-0,486
6,688	-9,111	18,5	18,5	6,382	-9,644	0,034	-0,007



3 Tensión en el POI de 0.92 p.u.

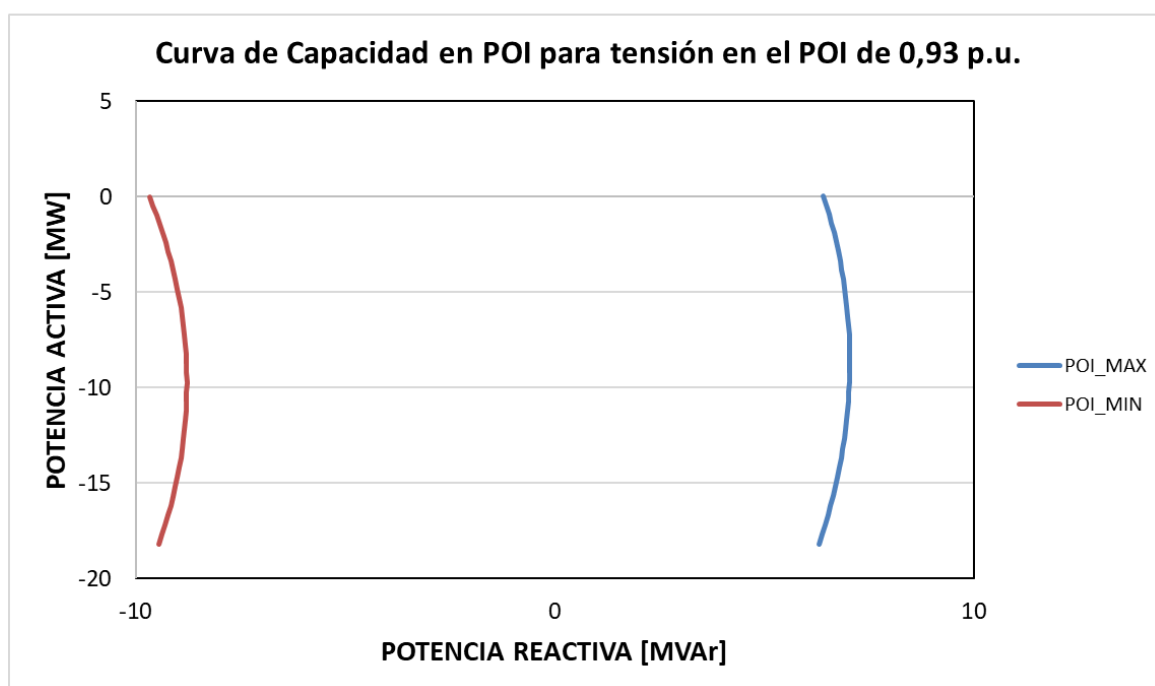
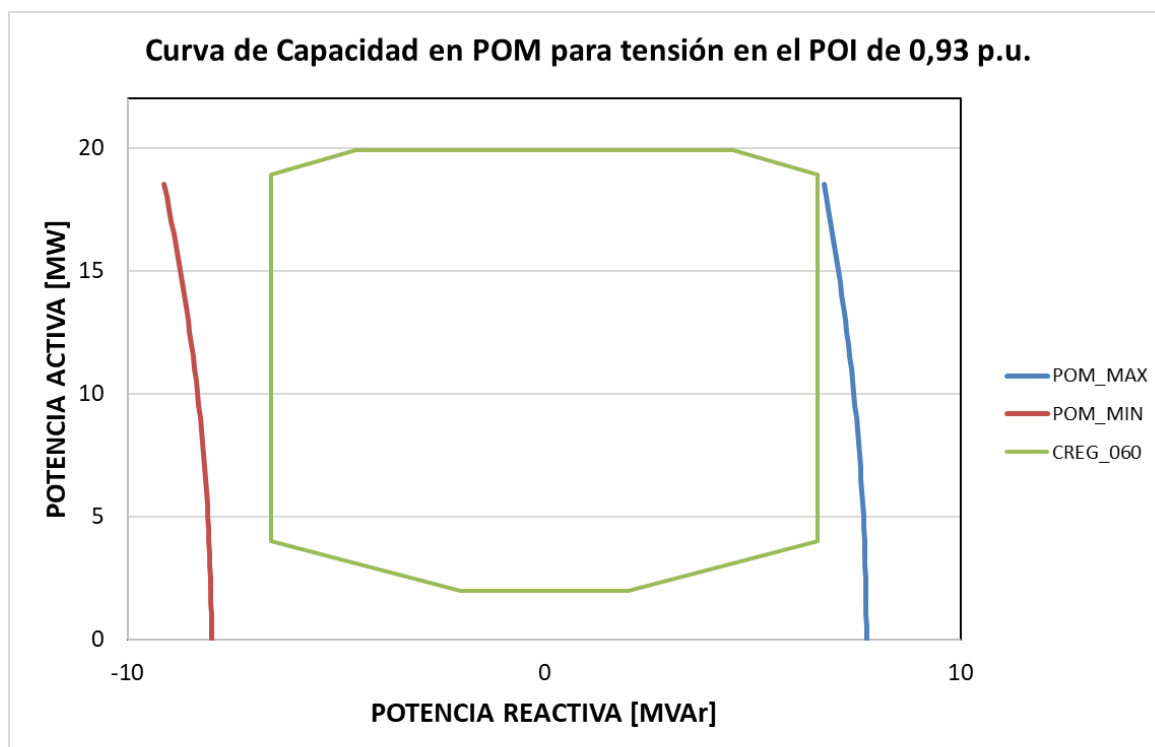


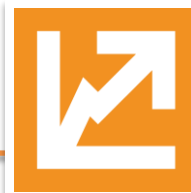


0.92							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,731	-7,994	0	0	6,305	-9,44	-18,182	-18,188
7,731	-7,994	0,5	0,5	6,381	-9,364	-17,679	-17,685
7,729	-7,996	1	1	6,453	-9,292	-17,176	-17,182
7,725	-8	1,5	1,5	6,521	-9,225	-16,674	-16,68
7,72	-8,005	2	2	6,584	-9,163	-16,172	-16,178
7,707	-8,013	2,5	2,5	6,605	-9,106	-15,674	-15,678
7,699	-8,022	3	3	6,661	-9,053	-15,174	-15,178
7,689	-8,032	3,5	3,5	6,714	-9,005	-14,674	-14,679
7,677	-8,045	4	4	6,762	-8,961	-14,175	-14,18
7,665	-8,059	4,5	4,5	6,805	-8,922	-13,676	-13,682
7,65	-8,074	5	5	6,845	-8,888	-13,179	-13,185
7,634	-8,092	5,5	5,5	6,88	-8,858	-12,681	-12,688
7,616	-8,111	6	6	6,912	-8,833	-12,185	-12,192
7,597	-8,131	6,5	6,5	6,939	-8,813	-11,689	-11,697
7,577	-8,153	7	7	6,962	-8,797	-11,193	-11,202
7,555	-8,177	7,5	7,5	6,981	-8,785	-10,699	-10,708
7,531	-8,203	8	8	6,996	-8,778	-10,205	-10,215
7,506	-8,23	8,5	8,5	7,006	-8,775	-9,711	-9,723
7,479	-8,259	9	9	7,013	-8,777	-9,218	-9,231
7,451	-8,29	9,5	9,5	7,016	-8,784	-8,726	-8,739
7,421	-8,322	10	10	7,014	-8,794	-8,234	-8,249
7,39	-8,356	10,5	10,5	7,009	-8,81	-7,743	-7,759
7,357	-8,391	11	11	6,999	-8,829	-7,253	-7,27
7,322	-8,428	11,5	11,5	6,986	-8,853	-6,763	-6,781
7,287	-8,467	12	12	6,969	-8,882	-6,273	-6,293
7,249	-8,507	12,5	12,5	6,947	-8,915	-5,785	-5,806
7,21	-8,549	13	13	6,922	-8,952	-5,297	-5,319
7,17	-8,593	13,5	13,5	6,892	-8,994	-4,809	-4,833
7,128	-8,638	14	14	6,859	-9,04	-4,322	-4,348
7,085	-8,685	14,5	14,5	6,821	-9,091	-3,836	-3,863
7,04	-8,734	15	15	6,78	-9,146	-3,35	-3,379
6,993	-8,784	15,5	15,5	6,735	-9,206	-2,865	-2,896
6,945	-8,836	16	16	6,685	-9,269	-2,381	-2,413
6,896	-8,89	16,5	16,5	6,632	-9,338	-1,897	-1,931
6,845	-8,945	17	17	6,575	-9,411	-1,414	-1,45
6,792	-9,002	17,5	17,5	6,513	-9,488	-0,931	-0,969
6,767	-9,061	18	18	6,491	-9,57	-0,44	-0,489
6,713	-9,121	18,5	18,5	6,423	-9,656	0,041	-0,01



4 Tensión en el POI de 0.93 p.u.

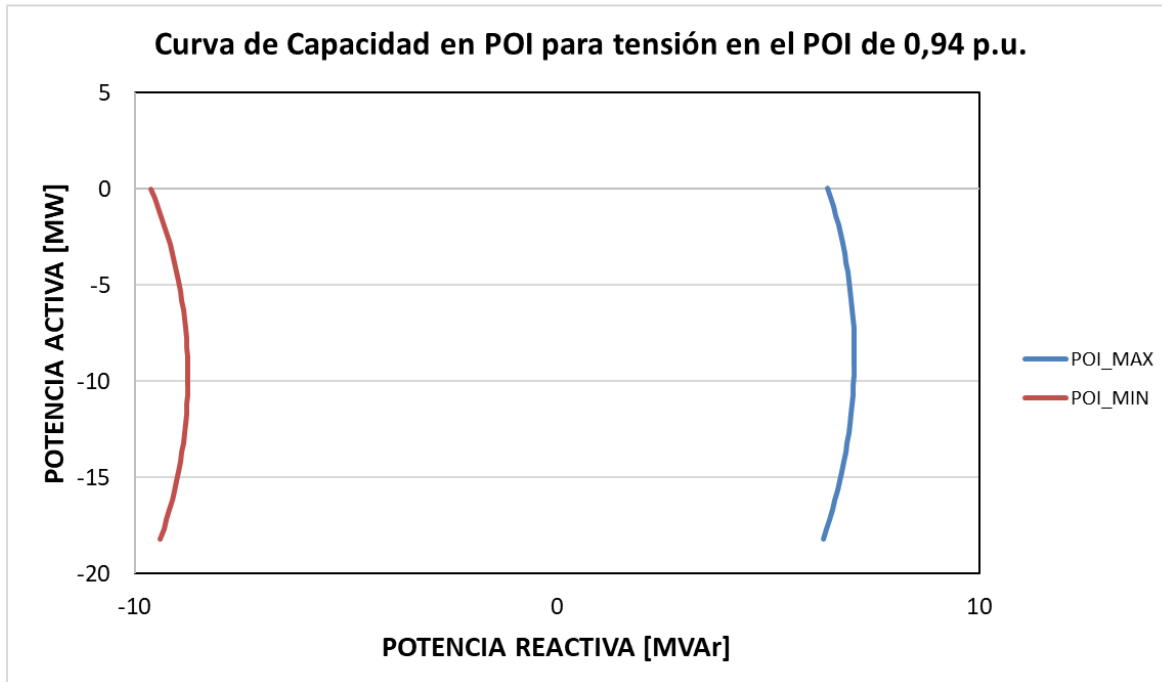
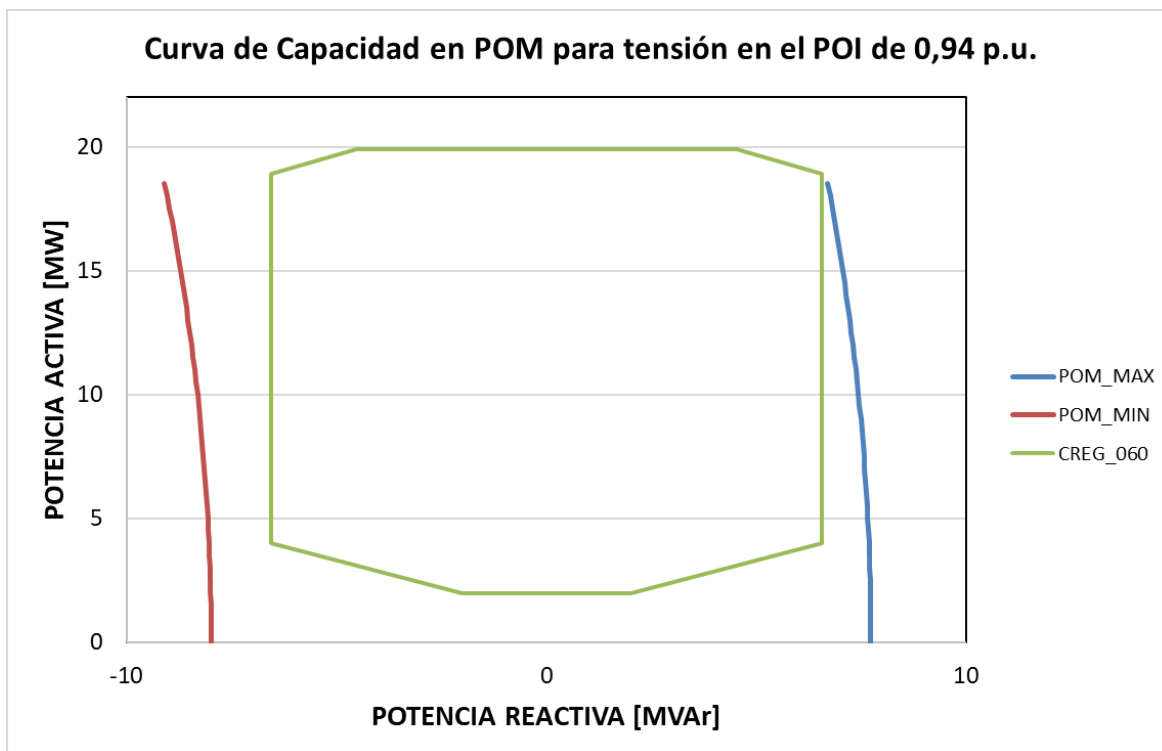


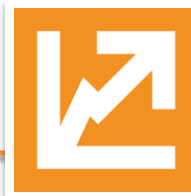


0.93							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,73	-7,996	0	0	6,305	-9,439	-18,183	-18,188
7,73	-7,996	0,5	0,5	6,382	-9,363	-17,679	-17,685
7,728	-7,998	1	1	6,454	-9,291	-17,177	-17,182
7,724	-8,002	1,5	1,5	6,521	-9,224	-16,674	-16,68
7,719	-8,008	2	2	6,585	-9,162	-16,173	-16,178
7,712	-8,015	2,5	2,5	6,644	-9,105	-15,672	-15,678
7,704	-8,024	3	3	6,7	-9,052	-15,171	-15,178
7,695	-8,035	3,5	3,5	6,751	-9,004	-14,672	-14,679
7,684	-8,047	4	4	6,798	-8,961	-14,173	-14,18
7,671	-8,061	4,5	4,5	6,84	-8,922	-13,674	-13,682
7,657	-8,077	5	5	6,879	-8,888	-13,176	-13,185
7,641	-8,094	5,5	5,5	6,914	-8,859	-12,679	-12,688
7,624	-8,114	6	6	6,944	-8,834	-12,182	-12,193
7,605	-8,134	6,5	6,5	6,971	-8,813	-11,686	-11,697
7,585	-8,157	7	7	6,993	-8,798	-11,191	-11,203
7,563	-8,181	7,5	7,5	7,012	-8,786	-10,696	-10,709
7,54	-8,207	8	8	7,026	-8,779	-10,202	-10,216
7,515	-8,234	8,5	8,5	7,037	-8,777	-9,708	-9,723
7,489	-8,263	9	9	7,043	-8,779	-9,215	-9,232
7,461	-8,294	9,5	9,5	7,046	-8,786	-8,723	-8,74
7,432	-8,326	10	10	7,044	-8,797	-8,231	-8,25
7,401	-8,36	10,5	10,5	7,039	-8,813	-7,74	-7,76
7,369	-8,396	11	11	7,029	-8,833	-7,249	-7,271
7,335	-8,434	11,5	11,5	7,016	-8,858	-6,759	-6,782
7,3	-8,473	12	12	6,999	-8,887	-6,269	-6,294
7,263	-8,513	12,5	12,5	6,978	-8,92	-5,78	-5,807
7,225	-8,556	13	13	6,953	-8,958	-5,292	-5,321
7,186	-8,6	13,5	13,5	6,924	-9	-4,805	-4,835
7,144	-8,645	14	14	6,891	-9,047	-4,317	-4,35
7,102	-8,693	14,5	14,5	6,854	-9,098	-3,831	-3,865
7,058	-8,742	15	15	6,813	-9,154	-3,345	-3,381
7,012	-8,792	15,5	15,5	6,769	-9,214	-2,86	-2,898
6,965	-8,845	16	16	6,72	-9,278	-2,375	-2,416
6,916	-8,899	16,5	16,5	6,668	-9,347	-1,891	-1,934
6,866	-8,955	17	17	6,611	-9,42	-1,407	-1,453
6,815	-9,012	17,5	17,5	6,551	-9,498	-0,924	-0,972
6,762	-9,071	18	18	6,487	-9,581	-0,442	-0,492
6,707	-9,132	18,5	18,5	6,419	-9,668	0,04	-0,013



5 Tensión en el POI de 0.94 p.u.

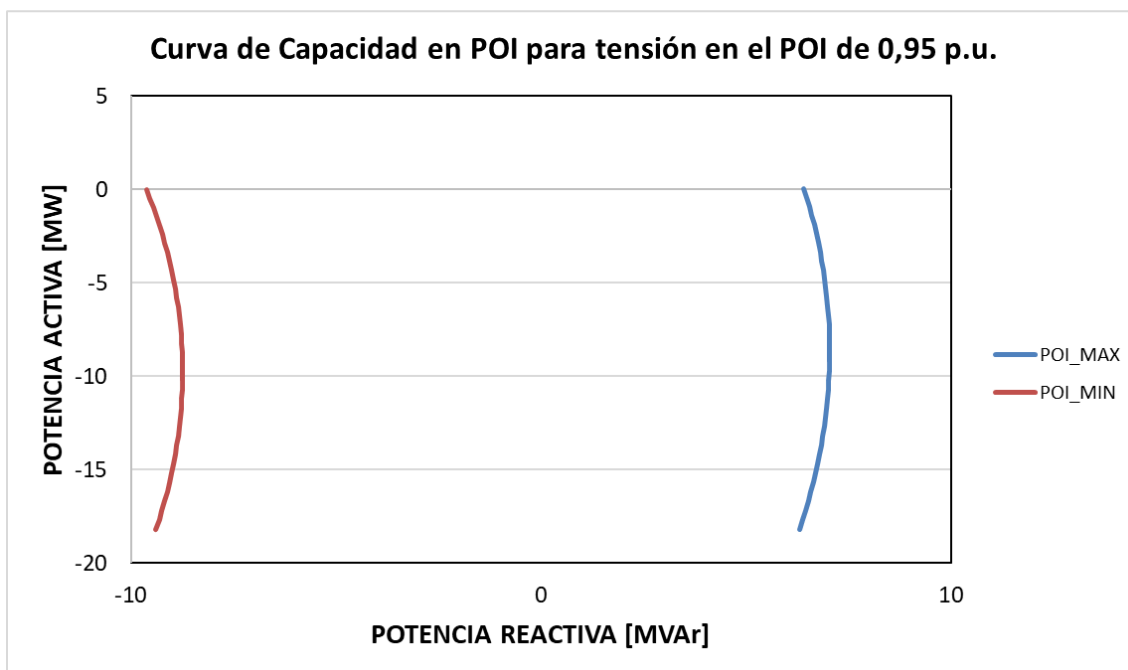
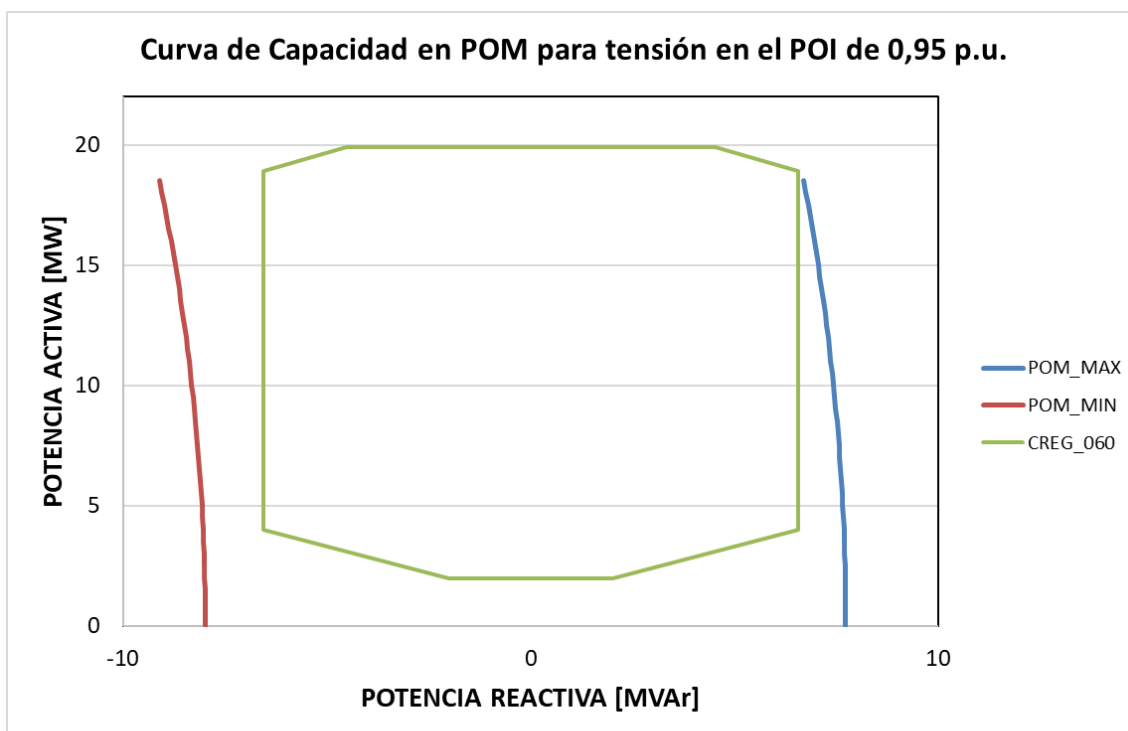


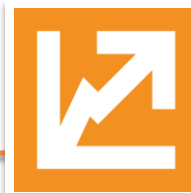


0.94							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,729	-7,989	0	0	6,305	-9,384	-18,184	-18,185
7,728	-7,989	0,5	0,5	6,381	-9,31	-17,68	-17,681
7,726	-7,991	1	1	6,453	-9,24	-17,178	-17,179
7,723	-7,995	1,5	1,5	6,521	-9,174	-16,675	-16,677
7,718	-8	2	2	6,585	-9,114	-16,174	-16,176
7,711	-8,008	2,5	2,5	6,644	-9,058	-15,673	-15,675
7,703	-8,016	3	3	6,7	-9,006	-15,172	-15,175
7,693	-8,027	3,5	3,5	6,751	-8,959	-14,673	-14,676
7,682	-8,039	4	4	6,798	-8,917	-14,174	-14,177
7,669	-8,053	4,5	4,5	6,841	-8,879	-13,675	-13,679
7,655	-8,068	5	5	6,879	-8,846	-13,177	-13,182
7,639	-8,085	5,5	5,5	6,914	-8,817	-12,68	-12,685
7,622	-8,104	6	6	6,944	-8,793	-12,183	-12,189
7,603	-8,124	6,5	6,5	6,971	-8,773	-11,687	-11,694
7,583	-8,146	7	7	6,993	-8,757	-11,192	-11,199
7,561	-8,169	7,5	7,5	7,012	-8,746	-10,697	-10,705
7,538	-8,195	8	8	7,026	-8,739	-10,203	-10,212
7,513	-8,221	8,5	8,5	7,037	-8,737	-9,709	-9,719
7,486	-8,25	9	9	7,043	-8,739	-9,216	-9,227
7,459	-8,28	9,5	9,5	7,046	-8,745	-8,724	-8,736
7,429	-8,311	10	10	7,044	-8,756	-8,232	-8,245
7,398	-8,345	10,5	10,5	7,038	-8,771	-7,741	-7,755
7,366	-8,38	11	11	7,029	-8,791	-7,25	-7,266
7,332	-8,416	11,5	11,5	7,016	-8,815	-6,76	-6,777
7,297	-8,454	12	12	6,998	-8,843	-6,27	-6,289
7,26	-8,494	12,5	12,5	6,977	-8,875	-5,782	-5,801
7,222	-8,535	13	13	6,952	-8,912	-5,293	-5,314
7,182	-8,578	13,5	13,5	6,923	-8,953	-4,806	-4,828
7,141	-8,623	14	14	6,889	-8,999	-4,319	-4,343
7,098	-8,669	14,5	14,5	6,852	-9,048	-3,832	-3,858
7,054	-8,717	15	15	6,812	-9,102	-3,346	-3,373
7,008	-8,766	15,5	15,5	6,767	-9,161	-2,861	-2,89
6,961	-8,817	16	16	6,718	-9,224	-2,376	-2,407
6,912	-8,87	16,5	16,5	6,665	-9,291	-1,892	-1,925
6,862	-8,924	17	17	6,609	-9,362	-1,409	-1,443
6,81	-8,98	17,5	17,5	6,548	-9,438	-0,926	-0,962
6,756	-9,038	18	18	6,484	-9,518	-0,444	-0,482
6,702	-9,097	18,5	18,5	6,415	-9,603	0,038	-0,002



6 Tensión en el POI de 0.95 p.u.

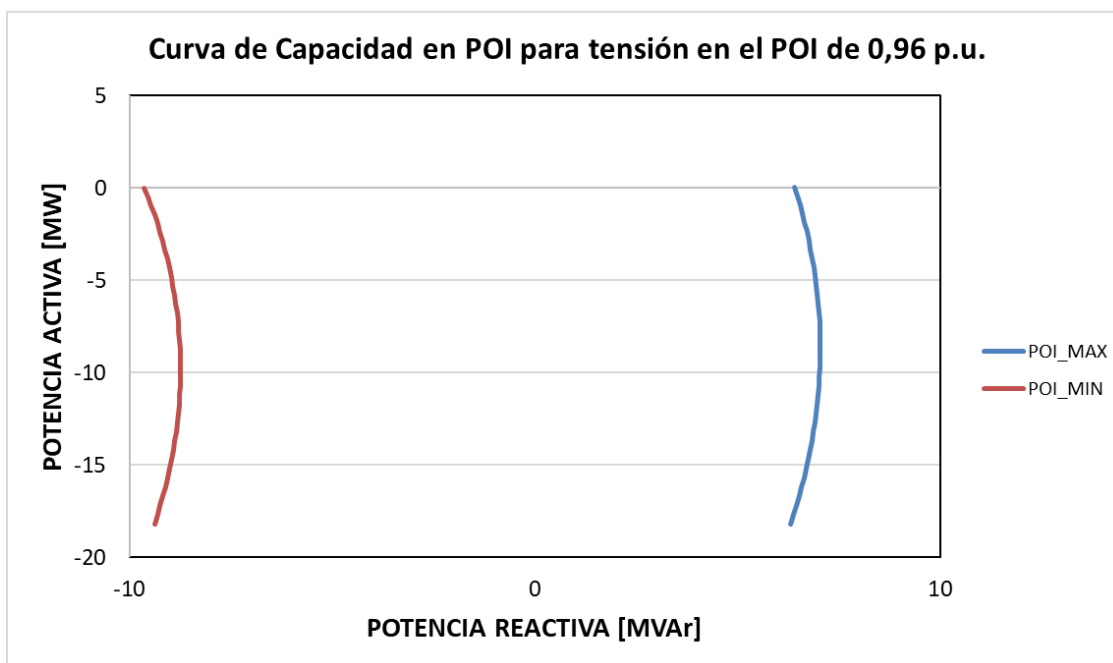
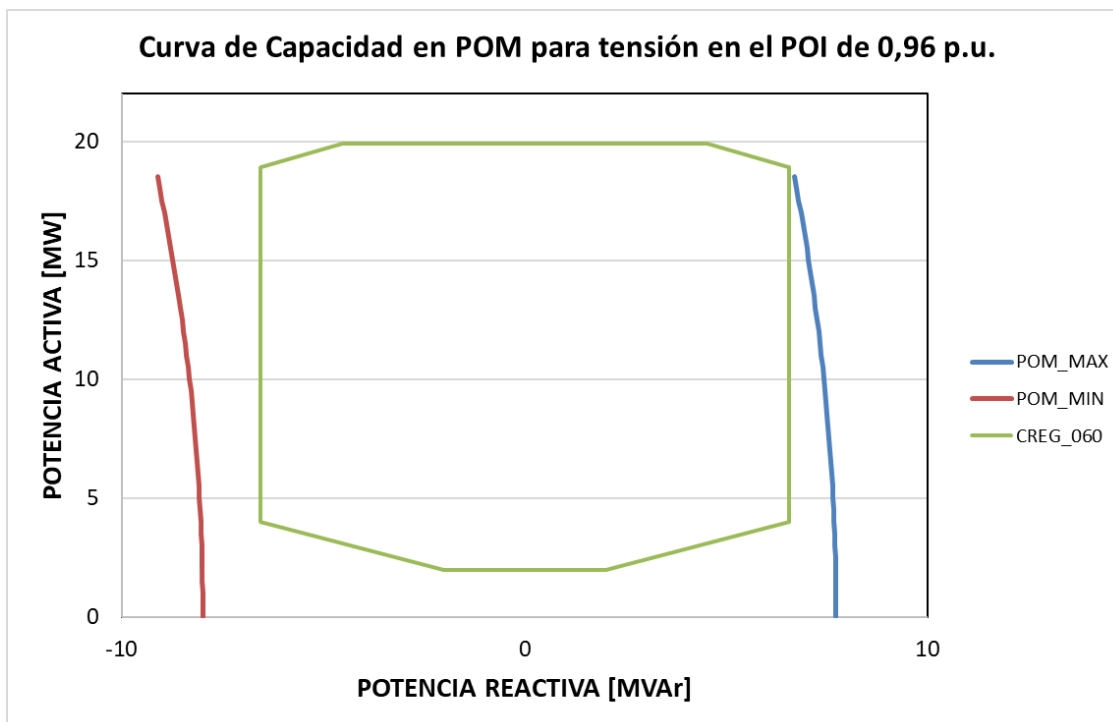


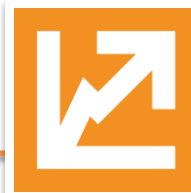


0.95							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,728	-7,991	0	0	6,303	-9,384	-18,185	-18,185
7,727	-7,991	0,5	0,5	6,38	-9,309	-17,682	-17,682
7,725	-7,993	1	1	6,452	-9,239	-17,179	-17,179
7,722	-7,997	1,5	1,5	6,52	-9,174	-16,677	-16,677
7,717	-8,003	2	2	6,584	-9,113	-16,175	-16,176
7,71	-8,01	2,5	2,5	6,644	-9,057	-15,674	-15,675
7,702	-8,019	3	3	6,699	-9,006	-15,174	-15,175
7,692	-8,029	3,5	3,5	6,75	-8,959	-14,674	-14,676
7,681	-8,041	4	4	6,797	-8,917	-14,175	-14,177
7,668	-8,055	4,5	4,5	6,84	-8,879	-13,676	-13,679
7,654	-8,071	5	5	6,879	-8,846	-13,178	-13,182
7,638	-8,088	5,5	5,5	6,914	-8,818	-12,681	-12,686
7,62	-8,107	6	6	6,944	-8,793	-12,184	-12,19
7,601	-8,127	6,5	6,5	6,971	-8,774	-11,688	-11,695
7,581	-8,149	7	7	6,993	-8,758	-11,193	-11,2
7,559	-8,173	7,5	7,5	7,012	-8,747	-10,698	-10,706
7,536	-8,198	8	8	7,026	-8,741	-10,204	-10,213
7,511	-8,225	8,5	8,5	7,036	-8,739	-9,71	-9,72
7,484	-8,254	9	9	7,043	-8,741	-9,217	-9,228
7,456	-8,284	9,5	9,5	7,045	-8,748	-8,725	-8,737
7,427	-8,316	10	10	7,044	-8,759	-8,233	-8,246
7,396	-8,35	10,5	10,5	7,038	-8,775	-7,742	-7,756
7,363	-8,385	11	11	7,028	-8,795	-7,251	-7,267
7,329	-8,421	11,5	11,5	7,015	-8,819	-6,761	-6,778
7,294	-8,46	12	12	6,997	-8,847	-6,271	-6,29
7,257	-8,5	12,5	12,5	6,976	-8,88	-5,783	-5,803
7,219	-8,541	13	13	6,951	-8,918	-5,294	-5,316
7,179	-8,585	13,5	13,5	6,921	-8,959	-4,807	-4,83
7,137	-8,63	14	14	6,888	-9,005	-4,32	-4,344
7,094	-8,676	14,5	14,5	6,851	-9,055	-3,833	-3,86
7,05	-8,724	15	15	6,81	-9,11	-3,348	-3,376
7,004	-8,774	15,5	15,5	6,765	-9,169	-2,862	-2,892
6,956	-8,826	16	16	6,716	-9,232	-2,378	-2,409
6,907	-8,879	16,5	16,5	6,663	-9,3	-1,894	-1,927
6,857	-8,934	17	17	6,606	-9,372	-1,41	-1,446
6,805	-8,99	17,5	17,5	6,545	-9,448	-0,928	-0,965
6,751	-9,048	18	18	6,481	-9,529	-0,445	-0,485
6,696	-9,108	18,5	18,5	6,412	-9,614	0,036	-0,005



7 Tensión en el POI de 0.96 p.u.

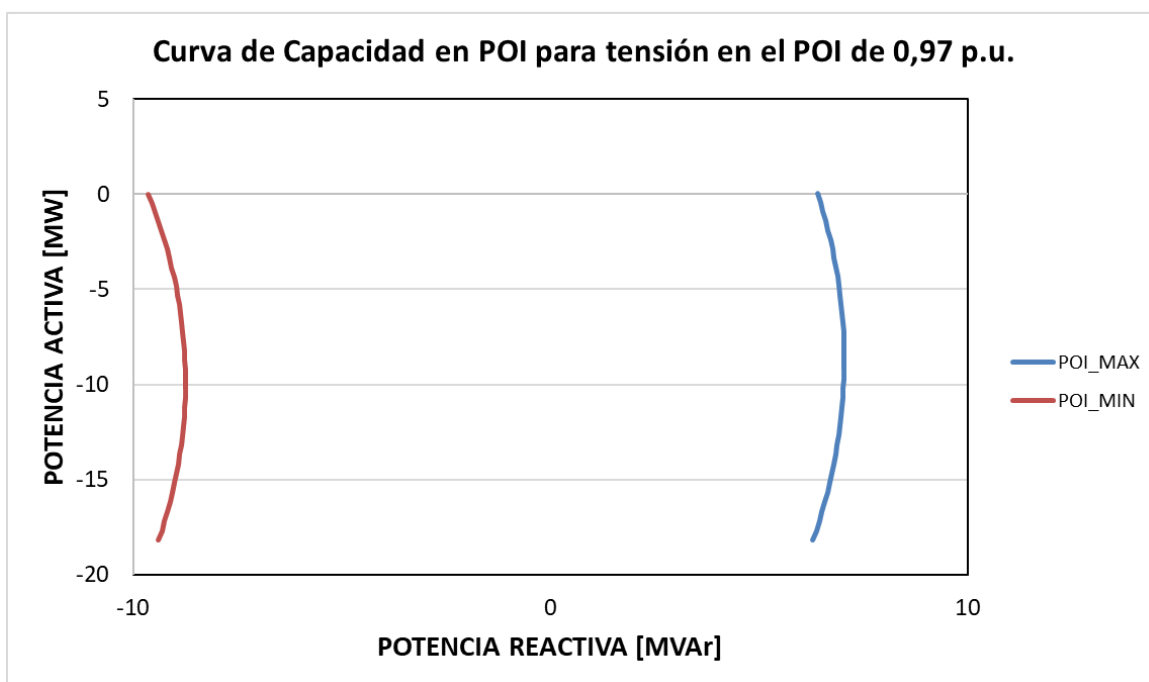
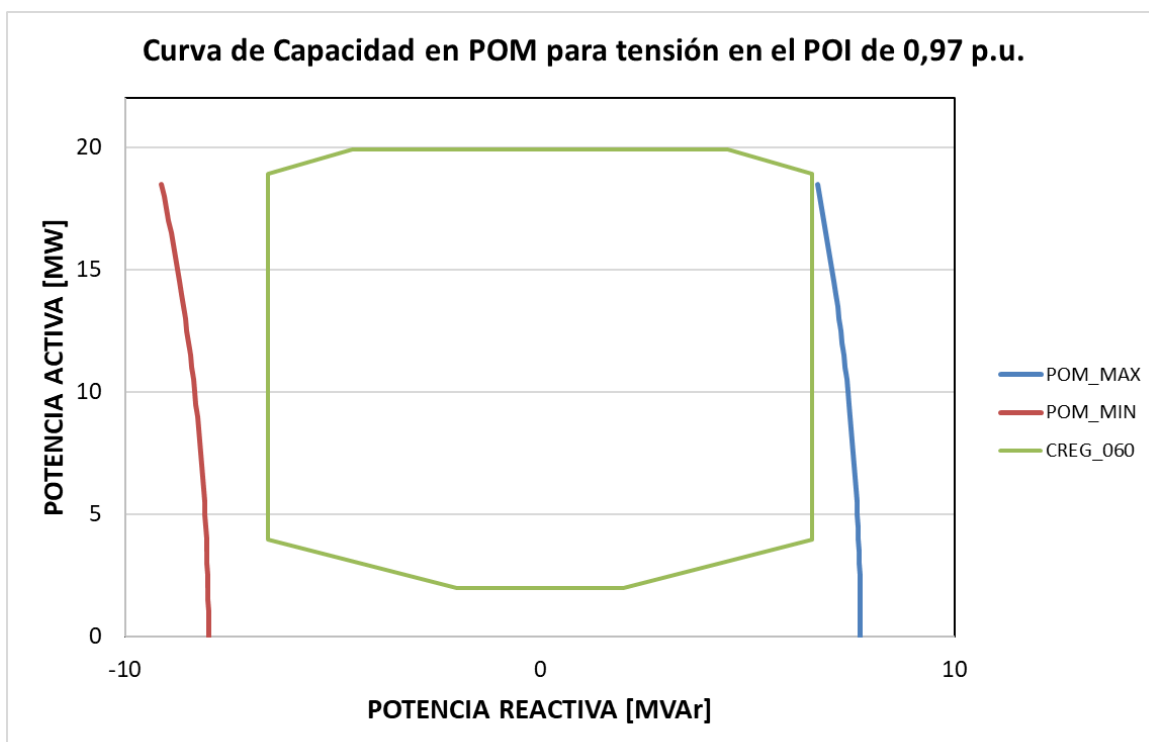


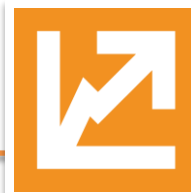


0.96							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,726	-7,993	0	0	6,301	-9,383	-18,187	-18,185
7,726	-7,993	0,5	0,5	6,378	-9,309	-17,683	-17,682
7,724	-7,995	1	1	6,45	-9,239	-17,18	-17,179
7,721	-7,999	1,5	1,5	6,519	-9,174	-16,678	-16,677
7,715	-8,005	2	2	6,583	-9,113	-16,176	-16,176
7,709	-8,012	2,5	2,5	6,642	-9,057	-15,675	-15,675
7,701	-8,021	3	3	6,698	-9,006	-15,175	-15,175
7,691	-8,032	3,5	3,5	6,749	-8,959	-14,675	-14,676
7,679	-8,044	4	4	6,796	-8,917	-14,176	-14,178
7,667	-8,058	4,5	4,5	6,839	-8,88	-13,677	-13,68
7,652	-8,073	5	5	6,878	-8,847	-13,179	-13,183
7,636	-8,091	5,5	5,5	6,913	-8,818	-12,682	-12,686
7,619	-8,11	6	6	6,944	-8,794	-12,185	-12,19
7,6	-8,13	6,5	6,5	6,97	-8,775	-11,689	-11,695
7,579	-8,152	7	7	6,993	-8,76	-11,194	-11,201
7,557	-8,176	7,5	7,5	7,011	-8,749	-10,699	-10,707
7,534	-8,202	8	8	7,026	-8,743	-10,205	-10,214
7,509	-8,229	8,5	8,5	7,036	-8,741	-9,711	-9,721
7,482	-8,258	9	9	7,042	-8,744	-9,218	-9,229
7,454	-8,288	9,5	9,5	7,045	-8,751	-8,726	-8,738
7,425	-8,321	10	10	7,043	-8,762	-8,234	-8,247
7,393	-8,354	10,5	10,5	7,037	-8,778	-7,743	-7,757
7,361	-8,39	11	11	7,028	-8,798	-7,252	-7,268
7,327	-8,427	11,5	11,5	7,014	-8,823	-6,762	-6,78
7,291	-8,465	12	12	6,997	-8,852	-6,273	-6,292
7,254	-8,506	12,5	12,5	6,975	-8,885	-5,784	-5,804
7,215	-8,548	13	13	6,95	-8,923	-5,296	-5,318
7,175	-8,591	13,5	13,5	6,92	-8,965	-4,808	-4,832
7,134	-8,636	14	14	6,887	-9,012	-4,321	-4,346
7,091	-8,683	14,5	14,5	6,849	-9,062	-3,835	-3,862
7,046	-8,732	15	15	6,808	-9,117	-3,349	-3,378
7	-8,782	15,5	15,5	6,763	-9,177	-2,864	-2,894
6,952	-8,834	16	16	6,714	-9,241	-2,379	-2,412
6,903	-8,887	16,5	16,5	6,661	-9,309	-1,895	-1,93
6,852	-8,943	17	17	6,604	-9,382	-1,412	-1,448
6,8	-9	17,5	17,5	6,543	-9,459	-0,929	-0,968
6,746	-9,058	18	18	6,478	-9,54	-0,447	-0,488
6,691	-9,118	18,5	18,5	6,409	-9,626	0,034	-0,008



8 Tensión en el POI de 0.97 p.u.

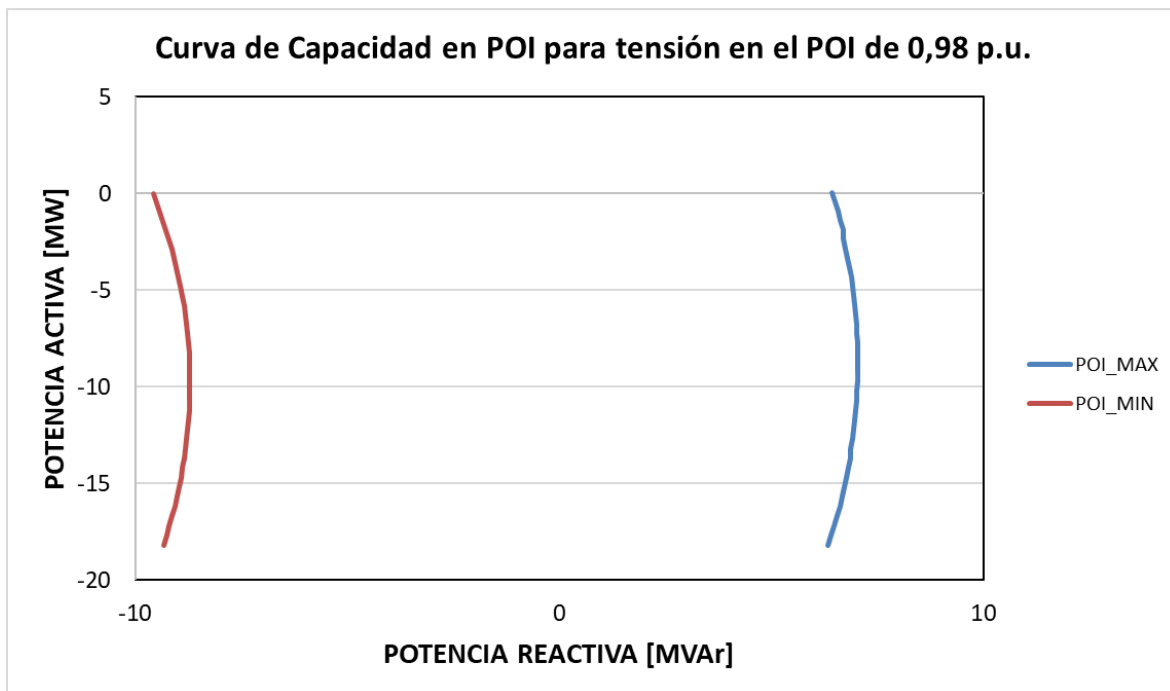
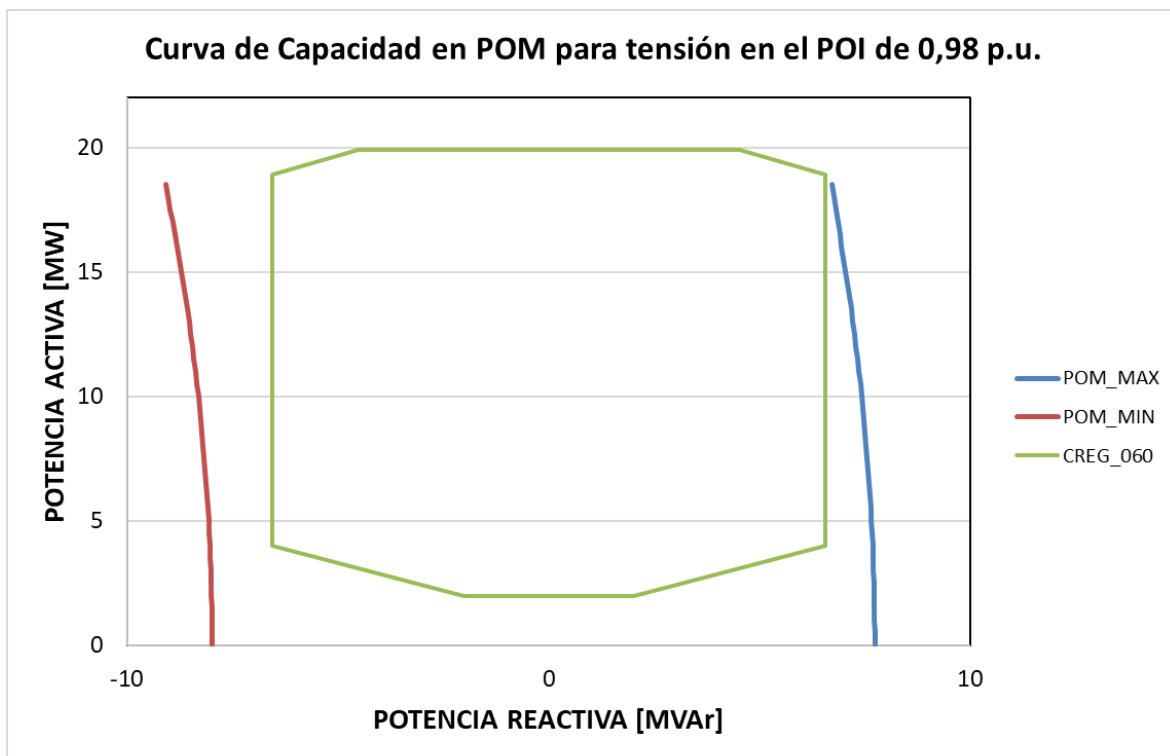


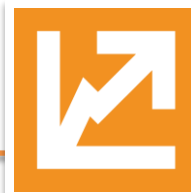


0.97							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,725	-7,995	0	0	6,298	-9,384	-18,189	-18,185
7,725	-7,995	0,5	0,5	6,375	-9,309	-17,685	-17,682
7,723	-7,998	1	1	6,448	-9,239	-17,182	-17,18
7,719	-8,001	1,5	1,5	6,516	-9,174	-16,68	-16,678
7,714	-8,007	2	2	6,581	-9,114	-16,178	-16,176
7,708	-8,014	2,5	2,5	6,641	-9,058	-15,677	-15,676
7,699	-8,023	3	3	6,696	-9,007	-15,176	-15,176
7,69	-8,034	3,5	3,5	6,748	-8,96	-14,676	-14,677
7,678	-8,046	4	4	6,795	-8,918	-14,177	-14,178
7,665	-8,06	4,5	4,5	6,838	-8,881	-13,678	-13,68
7,651	-8,076	5	5	6,877	-8,848	-13,181	-13,183
7,635	-8,093	5,5	5,5	6,912	-8,819	-12,683	-12,687
7,617	-8,113	6	6	6,943	-8,796	-12,186	-12,191
7,598	-8,133	6,5	6,5	6,969	-8,776	-11,69	-11,696
7,578	-8,156	7	7	6,992	-8,761	-11,195	-11,201
7,556	-8,18	7,5	7,5	7,011	-8,751	-10,7	-10,708
7,532	-8,206	8	8	7,025	-8,745	-10,206	-10,215
7,507	-8,233	8,5	8,5	7,035	-8,744	-9,712	-9,722
7,48	-8,262	9	9	7,042	-8,747	-9,219	-9,23
7,452	-8,293	9,5	9,5	7,044	-8,754	-8,727	-8,739
7,422	-8,325	10	10	7,042	-8,766	-8,235	-8,249
7,391	-8,359	10,5	10,5	7,037	-8,782	-7,744	-7,759
7,358	-8,395	11	11	7,027	-8,802	-7,253	-7,27
7,324	-8,432	11,5	11,5	7,013	-8,827	-6,763	-6,781
7,288	-8,471	12	12	6,996	-8,857	-6,274	-6,293
7,251	-8,511	12,5	12,5	6,974	-8,89	-5,785	-5,806
7,212	-8,554	13	13	6,948	-8,929	-5,297	-5,32
7,172	-8,598	13,5	13,5	6,919	-8,971	-4,809	-4,834
7,13	-8,643	14	14	6,885	-9,018	-4,322	-4,348
7,087	-8,69	14,5	14,5	6,848	-9,069	-3,836	-3,864
7,042	-8,739	15	15	6,806	-9,125	-3,35	-3,38
6,996	-8,79	15,5	15,5	6,761	-9,185	-2,865	-2,897
6,948	-8,842	16	16	6,712	-9,249	-2,381	-2,414
6,899	-8,896	16,5	16,5	6,658	-9,318	-1,897	-1,932
6,848	-8,952	17	17	6,601	-9,391	-1,413	-1,451
6,795	-9,009	17,5	17,5	6,54	-9,469	-0,931	-0,971
6,741	-9,068	18	18	6,475	-9,551	-0,449	-0,491
6,686	-9,129	18,5	18,5	6,406	-9,638	0,033	-0,012



9 Tensión en el POI de 0.98 p.u.

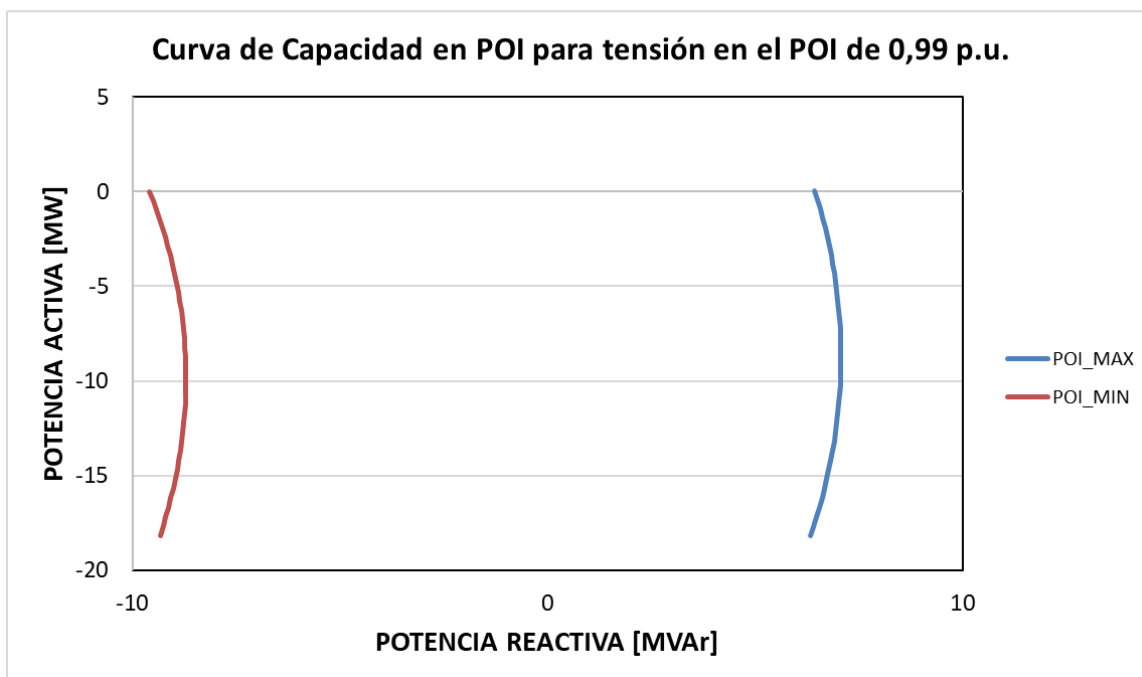
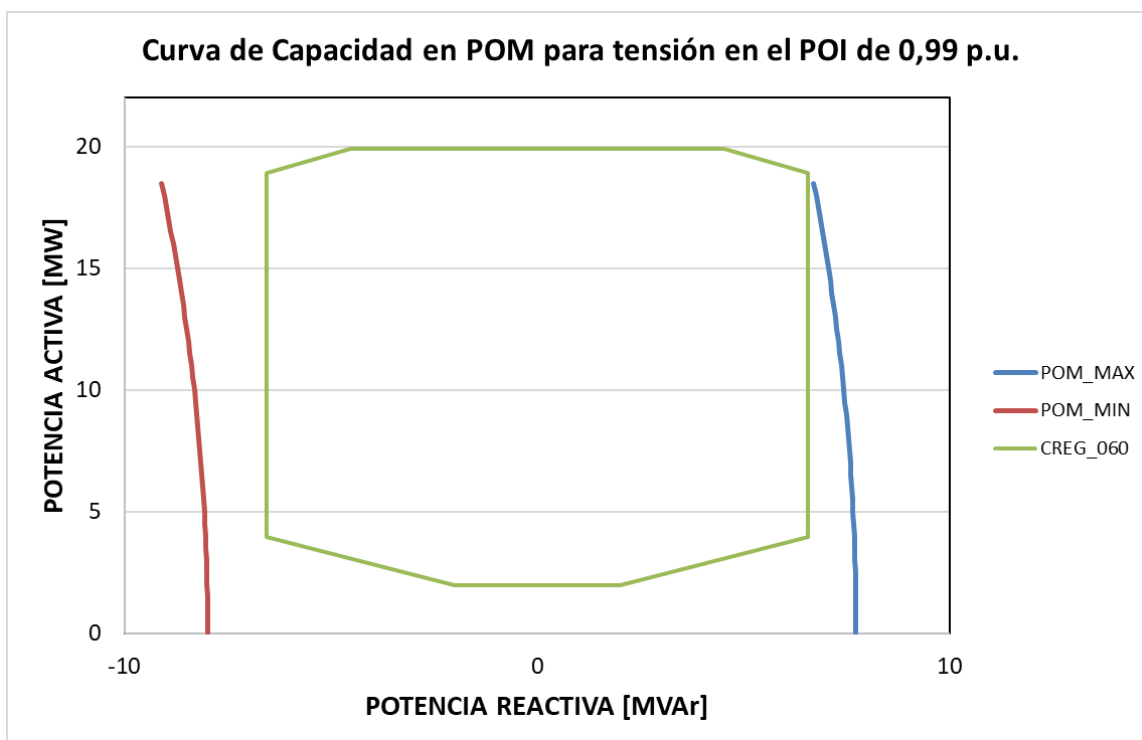


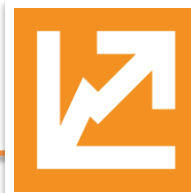


0.98							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,73	-7,988	0	0	6,343	-9,332	-18,186	-18,182
7,73	-7,989	0,5	0,5	6,418	-9,259	-17,683	-17,679
7,728	-7,991	1	1	6,489	-9,191	-17,18	-17,177
7,724	-7,995	1,5	1,5	6,557	-9,127	-16,677	-16,675
7,719	-8	2	2	6,619	-9,068	-16,176	-16,174
7,713	-8,007	2,5	2,5	6,678	-9,013	-15,674	-15,673
7,705	-8,016	3	3	6,733	-8,963	-15,174	-15,173
7,695	-8,026	3,5	3,5	6,783	-8,917	-14,674	-14,674
7,684	-8,038	4	4	6,83	-8,876	-14,175	-14,175
7,671	-8,052	4,5	4,5	6,872	-8,84	-13,676	-13,678
7,65	-8,068	5	5	6,876	-8,808	-13,182	-13,18
7,633	-8,085	5,5	5,5	6,911	-8,78	-12,684	-12,684
7,616	-8,103	6	6	6,942	-8,756	-12,188	-12,188
7,597	-8,123	6,5	6,5	6,969	-8,737	-11,692	-11,693
7,576	-8,145	7	7	6,991	-8,723	-11,196	-11,198
7,554	-8,169	7,5	7,5	7,01	-8,713	-10,701	-10,704
7,53	-8,194	8	8	7,024	-8,707	-10,207	-10,211
7,505	-8,221	8,5	8,5	7,035	-8,705	-9,713	-9,718
7,478	-8,249	9	9	7,041	-8,708	-9,22	-9,226
7,45	-8,279	9,5	9,5	7,043	-8,715	-8,728	-8,735
7,42	-8,311	10	10	7,042	-8,726	-8,236	-8,244
7,389	-8,344	10,5	10,5	7,036	-8,742	-7,745	-7,754
7,356	-8,379	11	11	7,026	-8,762	-7,254	-7,265
7,322	-8,415	11,5	11,5	7,013	-8,786	-6,764	-6,776
7,286	-8,453	12	12	6,995	-8,815	-6,275	-6,288
7,248	-8,493	12,5	12,5	6,973	-8,848	-5,786	-5,8
7,209	-8,534	13	13	6,947	-8,885	-5,298	-5,313
7,169	-8,577	13,5	13,5	6,918	-8,926	-4,81	-4,827
7,127	-8,622	14	14	6,884	-8,972	-4,323	-4,342
7,084	-8,668	14,5	14,5	6,847	-9,022	-3,837	-3,857
7,039	-8,715	15	15	6,805	-9,076	-3,351	-3,372
6,992	-8,765	15,5	15,5	6,759	-9,134	-2,866	-2,889
6,944	-8,816	16	16	6,71	-9,197	-2,382	-2,406
6,918	-8,868	16,5	16,5	6,693	-9,264	-1,891	-1,924
6,868	-8,923	17	17	6,637	-9,336	-1,407	-1,442
6,817	-8,979	17,5	17,5	6,576	-9,411	-0,924	-0,961
6,764	-9,036	18	18	6,512	-9,491	-0,442	-0,481
6,709	-9,095	18,5	18,5	6,444	-9,576	0,04	-0,001



10 Tensión en el POI de 0.99 p.u.

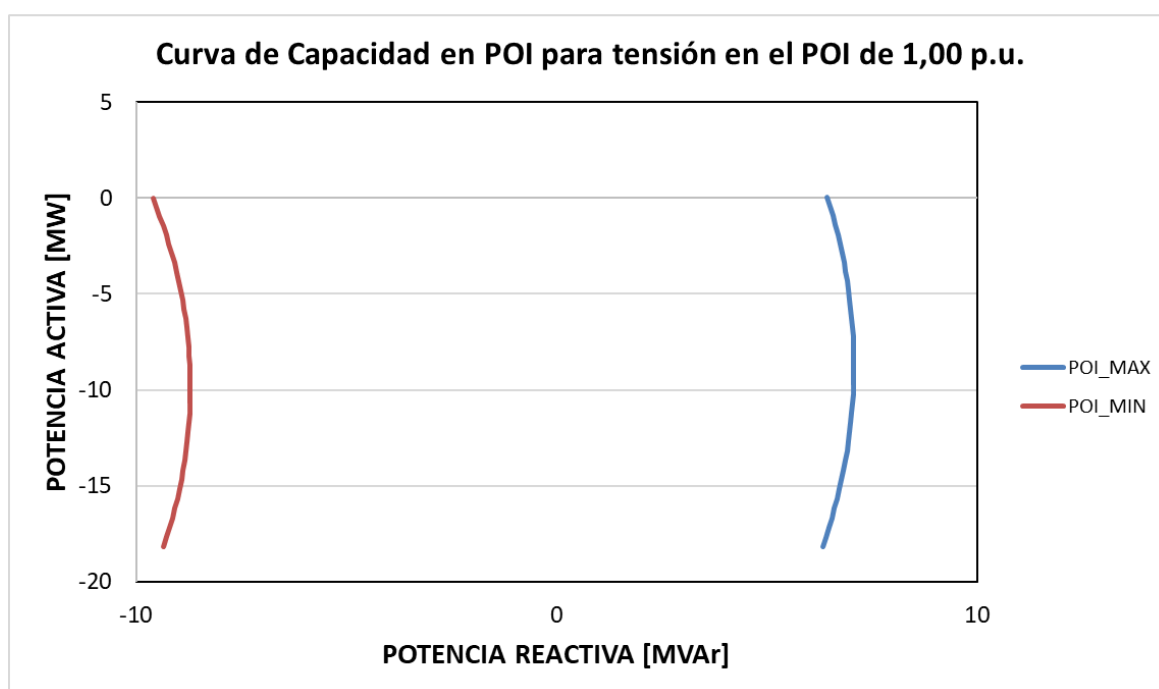
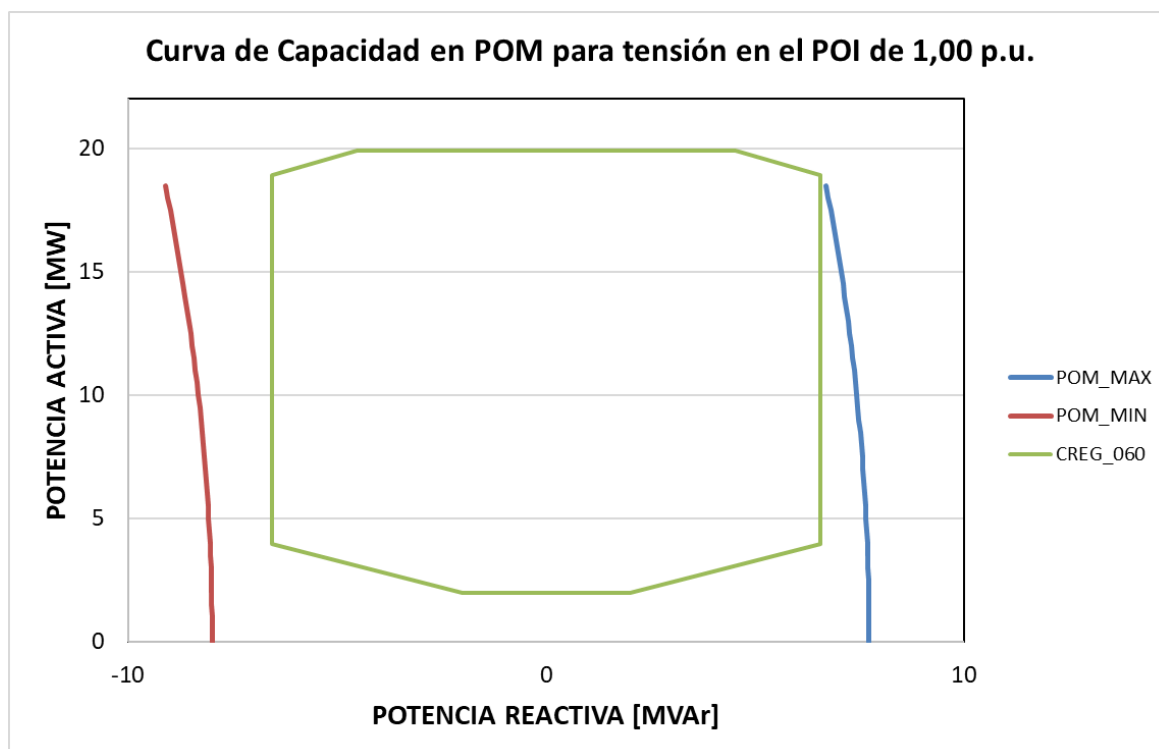


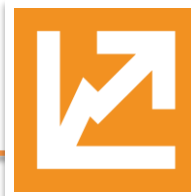


0.99							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,729	-7,99	0	0	6,339	-9,334	-18,188	-18,183
7,729	-7,991	0,5	0,5	6,415	-9,261	-17,684	-17,68
7,727	-7,993	1	1	6,486	-9,192	-17,181	-17,177
7,723	-7,997	1,5	1,5	6,554	-9,128	-16,679	-16,675
7,718	-8,002	2	2	6,617	-9,069	-16,177	-16,174
7,712	-8,009	2,5	2,5	6,676	-9,015	-15,676	-15,674
7,704	-8,018	3	3	6,731	-8,965	-15,175	-15,174
7,694	-8,029	3,5	3,5	6,781	-8,919	-14,676	-14,675
7,683	-8,041	4	4	6,828	-8,878	-14,176	-14,176
7,67	-8,055	4,5	4,5	6,87	-8,841	-13,678	-13,678
7,656	-8,07	5	5	6,909	-8,809	-13,18	-13,181
7,64	-8,087	5,5	5,5	6,943	-8,782	-12,682	-12,685
7,623	-8,106	6	6	6,973	-8,758	-12,185	-12,189
7,604	-8,127	6,5	6,5	6,999	-8,739	-11,689	-11,694
7,584	-8,149	7	7	7,021	-8,725	-11,194	-11,199
7,562	-8,172	7,5	7,5	7,039	-8,715	-10,699	-10,705
7,538	-8,198	8	8	7,053	-8,709	-10,204	-10,212
7,514	-8,225	8,5	8,5	7,064	-8,708	-9,71	-9,719
7,487	-8,253	9	9	7,07	-8,711	-9,217	-9,227
7,46	-8,283	9,5	9,5	7,072	-8,718	-8,725	-8,736
7,43	-8,315	10	10	7,07	-8,73	-8,233	-8,245
7,399	-8,349	10,5	10,5	7,065	-8,746	-7,741	-7,755
7,367	-8,384	11	11	7,055	-8,766	-7,251	-7,266
7,333	-8,42	11,5	11,5	7,041	-8,791	-6,761	-6,777
7,298	-8,459	12	12	7,024	-8,82	-6,271	-6,289
7,261	-8,499	12,5	12,5	7,002	-8,853	-5,782	-5,802
7,223	-8,54	13	13	6,977	-8,891	-5,294	-5,315
7,184	-8,583	13,5	13,5	6,948	-8,932	-4,806	-4,829
7,142	-8,628	14	14	6,915	-8,978	-4,319	-4,344
7,1	-8,675	14,5	14,5	6,878	-9,029	-3,832	-3,859
7,055	-8,723	15	15	6,837	-9,084	-3,346	-3,375
7,01	-8,773	15,5	15,5	6,792	-9,143	-2,861	-2,891
6,963	-8,824	16	16	6,743	-9,206	-2,376	-2,408
6,914	-8,877	16,5	16,5	6,691	-9,274	-1,892	-1,926
6,864	-8,932	17	17	6,634	-9,345	-1,409	-1,445
6,812	-8,988	17,5	17,5	6,574	-9,422	-0,926	-0,964
6,759	-9,046	18	18	6,509	-9,502	-0,443	-0,484
6,704	-9,106	18,5	18,5	6,441	-9,587	0,038	-0,004



11 Tensión en el POI de 1.00 p.u.

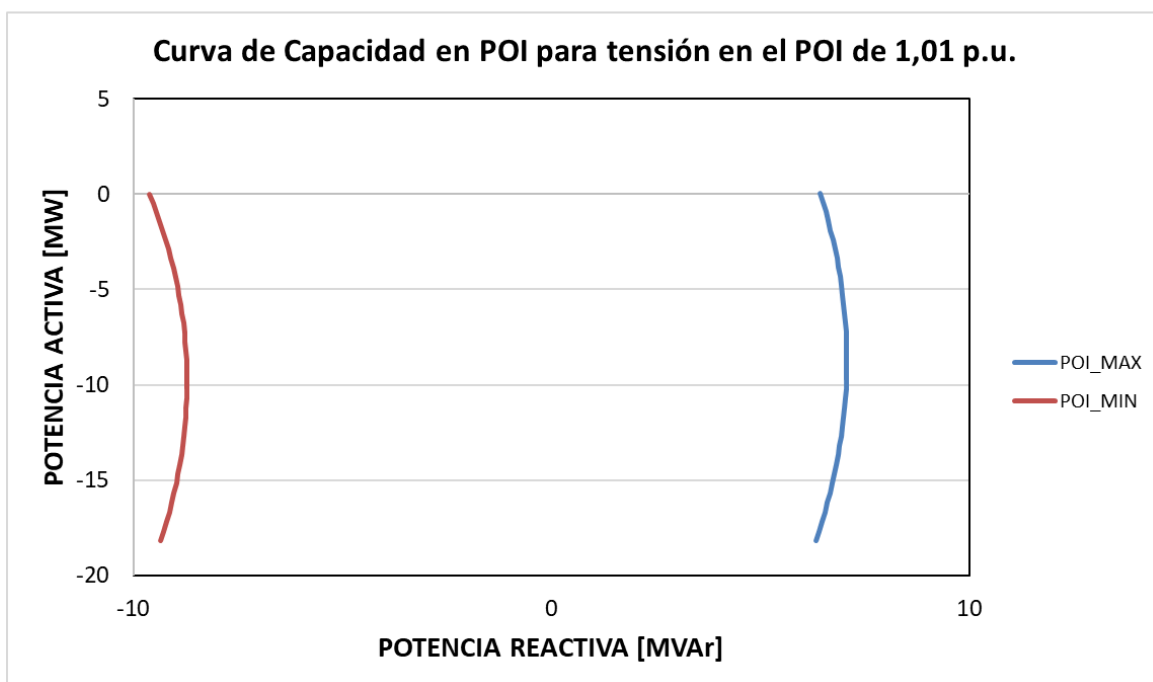
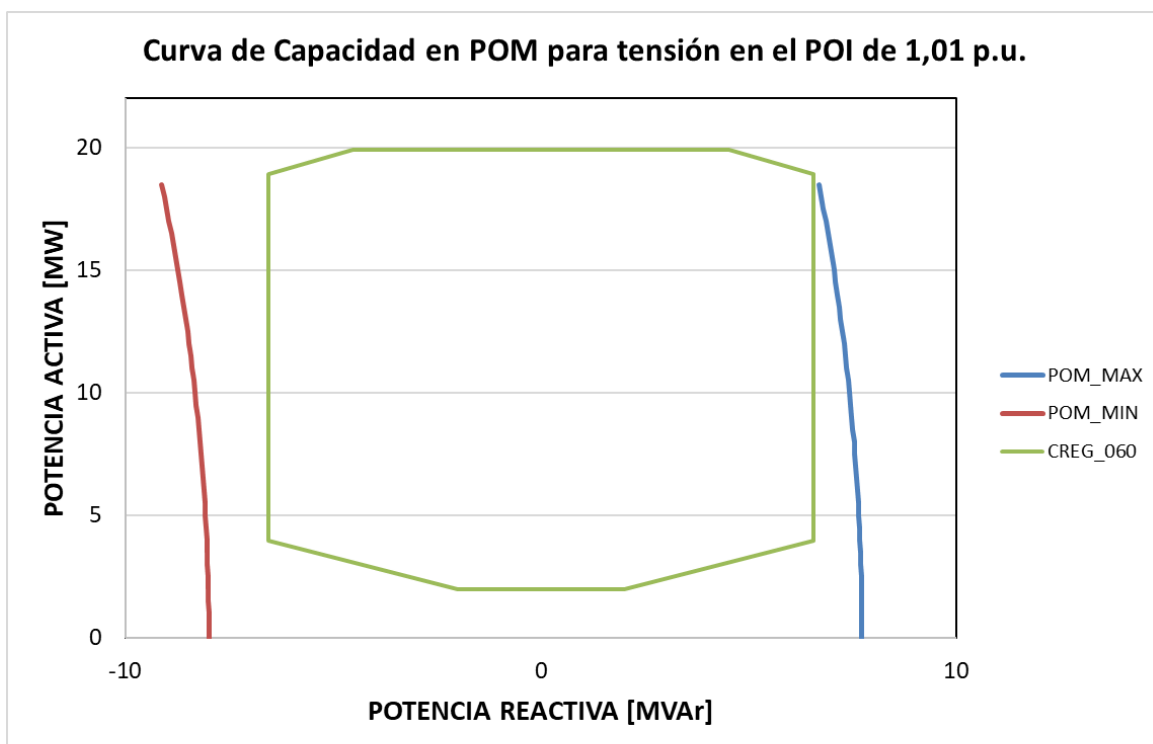


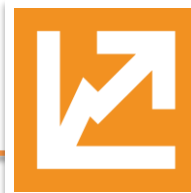


1.0							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,728	-7,992	0	0	6,335	-9,337	-18,19	-18,184
7,728	-7,993	0,5	0,5	6,411	-9,263	-17,686	-17,681
7,726	-7,995	1	1	6,483	-9,195	-17,183	-17,178
7,722	-7,999	1,5	1,5	6,551	-9,131	-16,681	-16,676
7,717	-8,004	2	2	6,614	-9,072	-16,179	-16,175
7,711	-8,012	2,5	2,5	6,673	-9,017	-15,678	-15,675
7,702	-8,02	3	3	6,728	-8,967	-15,177	-15,175
7,693	-8,031	3,5	3,5	6,779	-8,921	-14,677	-14,676
7,681	-8,043	4	4	6,826	-8,88	-14,178	-14,177
7,669	-8,057	4,5	4,5	6,868	-8,844	-13,679	-13,679
7,654	-8,073	5	5	6,907	-8,811	-13,181	-13,182
7,638	-8,09	5,5	5,5	6,941	-8,784	-12,683	-12,686
7,621	-8,109	6	6	6,972	-8,761	-12,187	-12,19
7,602	-8,13	6,5	6,5	6,998	-8,742	-11,69	-11,695
7,582	-8,152	7	7	7,02	-8,728	-11,195	-11,2
7,56	-8,176	7,5	7,5	7,038	-8,718	-10,7	-10,706
7,537	-8,201	8	8	7,053	-8,712	-10,205	-10,213
7,512	-8,228	8,5	8,5	7,063	-8,711	-9,712	-9,72
7,485	-8,257	9	9	7,069	-8,714	-9,218	-9,229
7,457	-8,288	9,5	9,5	7,071	-8,722	-8,726	-8,737
7,428	-8,32	10	10	7,069	-8,734	-8,234	-8,247
7,397	-8,353	10,5	10,5	7,064	-8,75	-7,743	-7,757
7,365	-8,389	11	11	7,054	-8,771	-7,252	-7,268
7,331	-8,426	11,5	11,5	7,04	-8,796	-6,762	-6,779
7,295	-8,464	12	12	7,023	-8,825	-6,272	-6,291
7,259	-8,504	12,5	12,5	7,001	-8,859	-5,783	-5,804
7,22	-8,546	13	13	6,976	-8,897	-5,295	-5,317
7,18	-8,59	13,5	13,5	6,947	-8,939	-4,807	-4,831
7,139	-8,635	14	14	6,913	-8,985	-4,32	-4,346
7,096	-8,682	14,5	14,5	6,876	-9,036	-3,834	-3,861
7,052	-8,73	15	15	6,835	-9,091	-3,348	-3,377
7,006	-8,78	15,5	15,5	6,79	-9,151	-2,862	-2,894
6,959	-8,832	16	16	6,741	-9,215	-2,378	-2,411
6,91	-8,886	16,5	16,5	6,688	-9,283	-1,894	-1,929
6,859	-8,941	17	17	6,632	-9,355	-1,41	-1,448
6,808	-8,997	17,5	17,5	6,571	-9,432	-0,927	-0,967
6,754	-9,056	18	18	6,507	-9,513	-0,445	-0,487
6,699	-9,116	18,5	18,5	6,438	-9,599	0,037	-0,007



12 Tensión en el POI de 1.01 p.u.

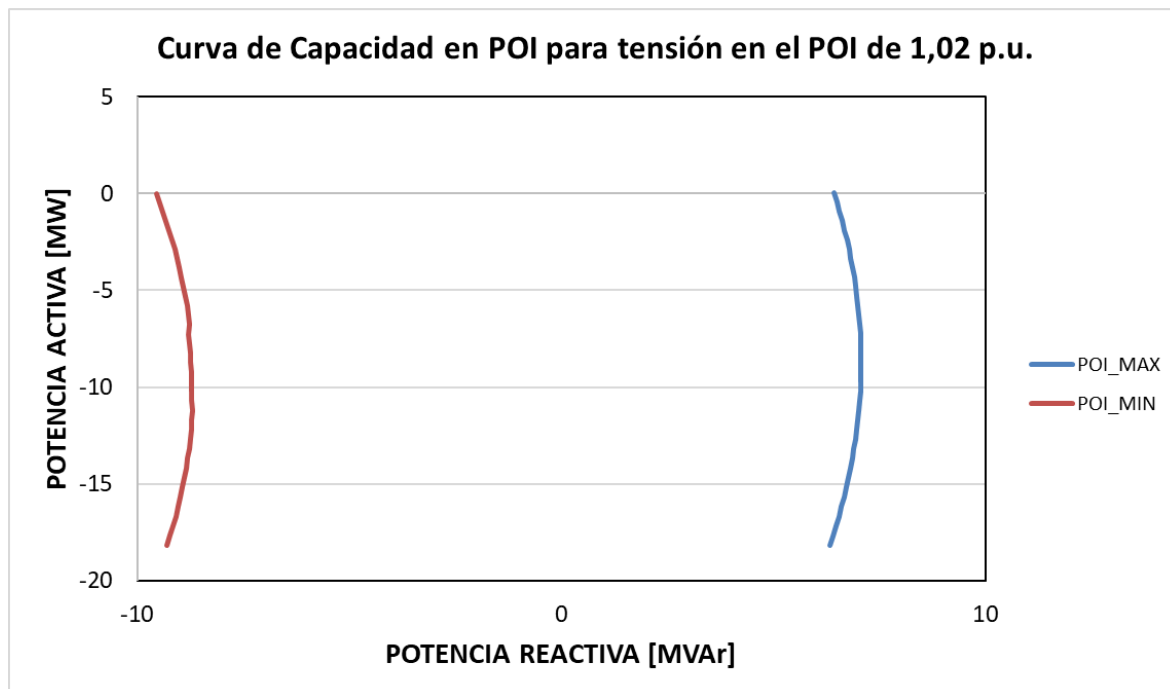
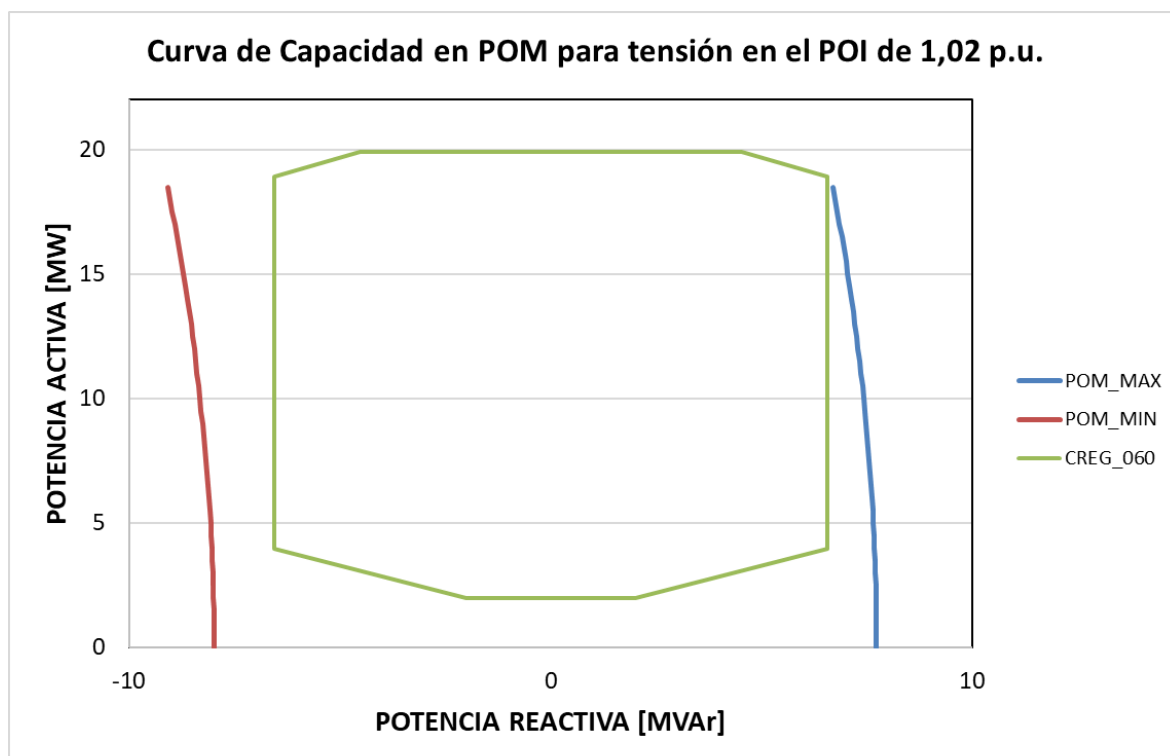


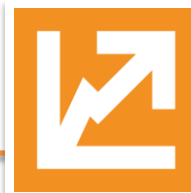


1.01							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,727	-7,995	0	0	6,331	-9,341	-18,192	-18,185
7,727	-7,995	0,5	0,5	6,407	-9,267	-17,688	-17,682
7,725	-7,997	1	1	6,48	-9,198	-17,185	-17,179
7,721	-8,001	1,5	1,5	6,548	-9,134	-16,683	-16,677
7,716	-8,006	2	2	6,611	-9,075	-16,181	-16,176
7,709	-8,014	2,5	2,5	6,671	-9,02	-15,679	-15,676
7,701	-8,023	3	3	6,726	-8,97	-15,179	-15,176
7,691	-8,033	3,5	3,5	6,777	-8,924	-14,679	-14,677
7,68	-8,046	4	4	6,824	-8,883	-14,179	-14,178
7,667	-8,06	4,5	4,5	6,867	-8,846	-13,681	-13,68
7,653	-8,075	5	5	6,905	-8,814	-13,182	-13,183
7,637	-8,093	5,5	5,5	6,94	-8,787	-12,685	-12,687
7,62	-8,112	6	6	6,97	-8,764	-12,188	-12,191
7,601	-8,133	6,5	6,5	6,997	-8,745	-11,692	-11,696
7,58	-8,155	7	7	7,019	-8,731	-11,196	-11,201
7,558	-8,179	7,5	7,5	7,037	-8,721	-10,701	-10,707
7,535	-8,205	8	8	7,052	-8,716	-10,207	-10,214
7,51	-8,232	8,5	8,5	7,062	-8,715	-9,713	-9,722
7,483	-8,261	9	9	7,068	-8,718	-9,22	-9,23
7,455	-8,292	9,5	9,5	7,07	-8,726	-8,727	-8,739
7,426	-8,324	10	10	7,069	-8,738	-8,235	-8,248
7,395	-8,358	10,5	10,5	7,063	-8,755	-7,744	-7,758
7,362	-8,394	11	11	7,053	-8,776	-7,253	-7,269
7,328	-8,431	11,5	11,5	7,04	-8,801	-6,763	-6,781
7,293	-8,47	12	12	7,022	-8,83	-6,273	-6,293
7,256	-8,51	12,5	12,5	7	-8,864	-5,784	-5,806
7,217	-8,552	13	13	6,975	-8,903	-5,296	-5,319
7,177	-8,596	13,5	13,5	6,946	-8,945	-4,808	-4,833
7,136	-8,642	14	14	6,912	-8,992	-4,321	-4,348
7,093	-8,689	14,5	14,5	6,875	-9,044	-3,835	-3,863
7,048	-8,738	15	15	6,834	-9,099	-3,349	-3,379
7,002	-8,788	15,5	15,5	6,789	-9,159	-2,864	-2,896
6,955	-8,84	16	16	6,739	-9,224	-2,379	-2,414
6,906	-8,894	16,5	16,5	6,686	-9,292	-1,895	-1,932
6,855	-8,95	17	17	6,63	-9,365	-1,412	-1,45
6,803	-9,007	17,5	17,5	6,569	-9,443	-0,929	-0,97
6,749	-9,066	18	18	6,504	-9,525	-0,447	-0,49
6,694	-9,126	18,5	18,5	6,435	-9,611	0,035	-0,011



13 Tensión en el POI de 1.02 p.u.

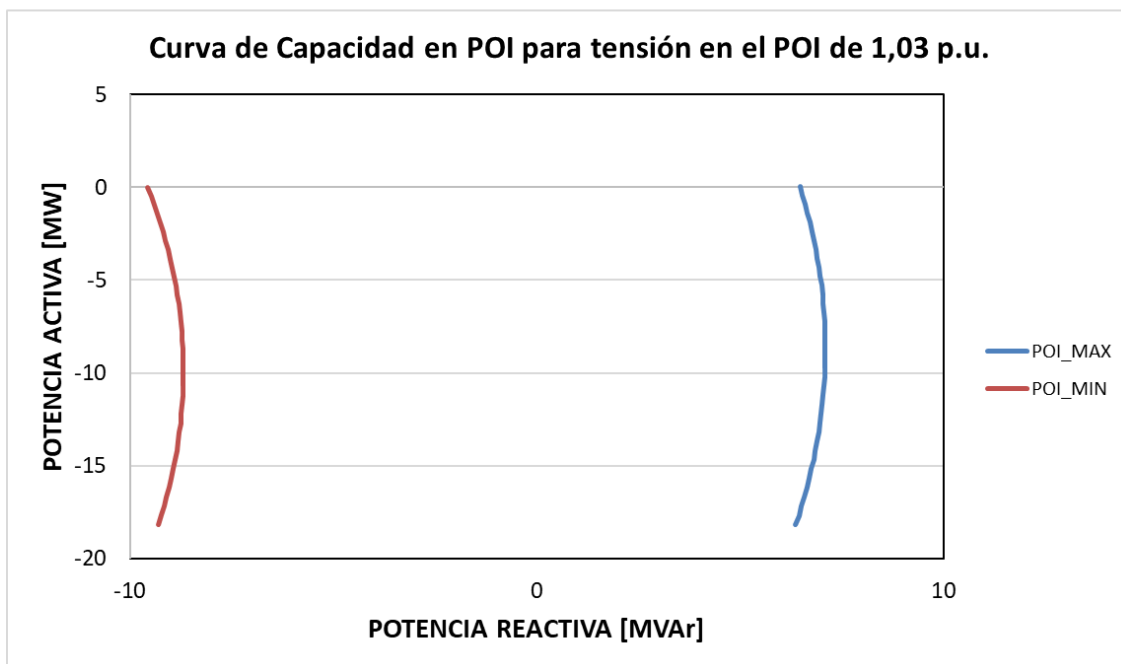
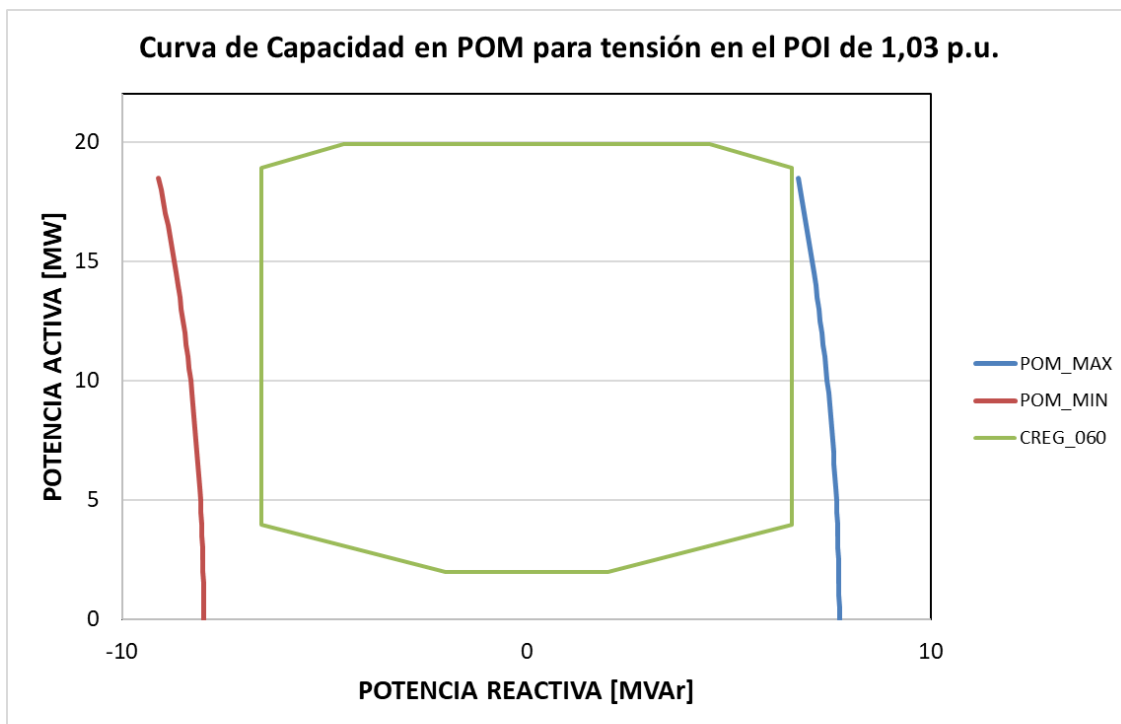


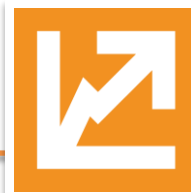


1.02							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,726	-7,988	0	0	6,327	-9,291	-18,194	-18,182
7,726	-7,989	0,5	0,5	6,404	-9,219	-17,69	-17,679
7,724	-7,991	1	1	6,476	-9,152	-17,187	-17,177
7,72	-7,994	1,5	1,5	6,544	-9,089	-16,684	-16,675
7,715	-8	2	2	6,608	-9,031	-16,182	-16,173
7,708	-8,007	2,5	2,5	6,668	-8,977	-15,681	-15,673
7,7	-8,016	3	3	6,724	-8,928	-15,18	-15,173
7,69	-8,026	3,5	3,5	6,775	-8,883	-14,68	-14,674
7,679	-8,038	4	4	6,822	-8,843	-14,181	-14,175
7,666	-8,052	4,5	4,5	6,865	-8,807	-13,682	-13,677
7,652	-8,067	5	5	6,904	-8,776	-13,184	-13,18
7,636	-8,084	5,5	5,5	6,938	-8,749	-12,686	-12,684
7,618	-8,103	6	6	6,969	-8,726	-12,189	-12,188
7,599	-8,123	6,5	6,5	6,996	-8,708	-11,693	-11,693
7,579	-8,145	7	7	7,018	-8,694	-11,197	-11,198
7,557	-8,182	7,5	7,5	7,036	-8,725	-10,702	-10,709
7,533	-8,208	8	8	7,051	-8,72	-10,208	-10,216
7,508	-8,236	8,5	8,5	7,061	-8,719	-9,714	-9,723
7,481	-8,265	9	9	7,067	-8,722	-9,221	-9,231
7,453	-8,296	9,5	9,5	7,07	-8,73	-8,728	-8,74
7,424	-8,328	10	10	7,068	-8,743	-8,236	-8,25
7,393	-8,363	10,5	10,5	7,062	-8,76	-7,745	-7,76
7,36	-8,398	11	11	7,052	-8,781	-7,254	-7,271
7,326	-8,415	11,5	11,5	7,039	-8,761	-6,764	-6,776
7,29	-8,453	12	12	7,021	-8,79	-6,275	-6,288
7,253	-8,492	12,5	12,5	7	-8,823	-5,786	-5,8
7,214	-8,534	13	13	6,974	-8,86	-5,297	-5,313
7,174	-8,576	13,5	13,5	6,944	-8,902	-4,81	-4,827
7,133	-8,621	14	14	6,911	-8,948	-4,323	-4,341
7,089	-8,667	14,5	14,5	6,874	-8,998	-3,836	-3,856
7,045	-8,715	15	15	6,832	-9,052	-3,35	-3,372
6,999	-8,764	15,5	15,5	6,787	-9,111	-2,865	-2,889
6,951	-8,815	16	16	6,738	-9,174	-2,381	-2,406
6,902	-8,868	16,5	16,5	6,685	-9,241	-1,897	-1,923
6,851	-8,922	17	17	6,628	-9,312	-1,413	-1,442
6,799	-8,978	17,5	17,5	6,566	-9,387	-0,93	-0,961
6,745	-9,035	18	18	6,501	-9,467	-0,448	-0,48
6,69	-9,094	18,5	18,5	6,433	-9,551	0,033	0



14 Tensión en el POI de 1.03 p.u.

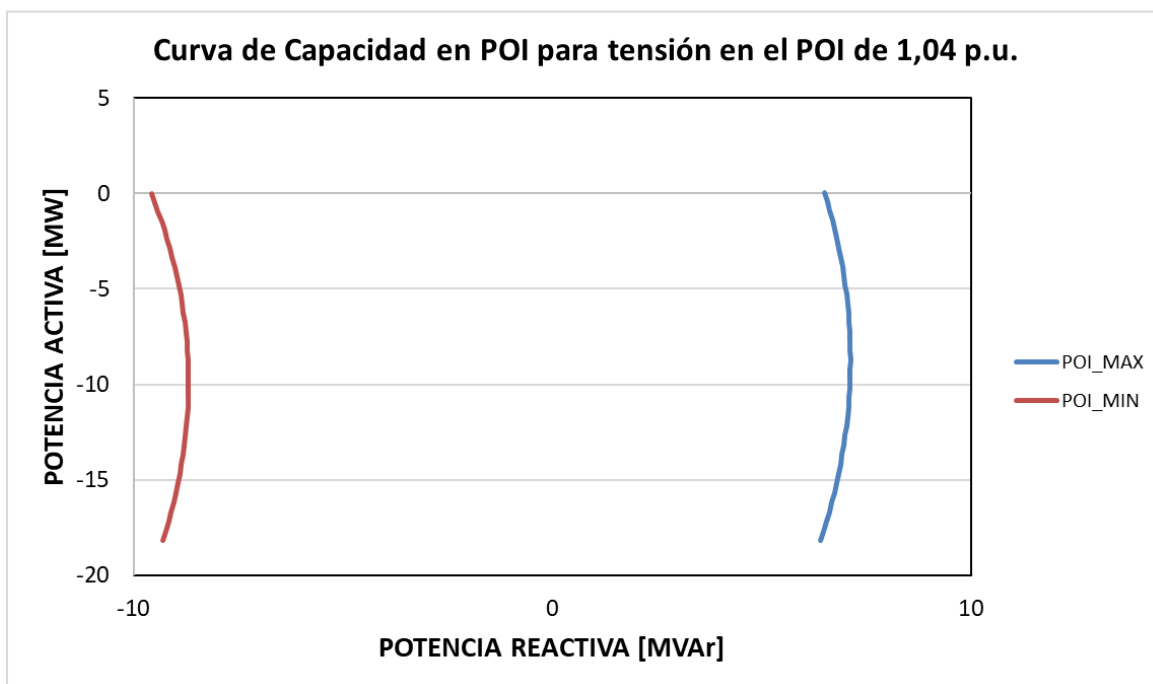
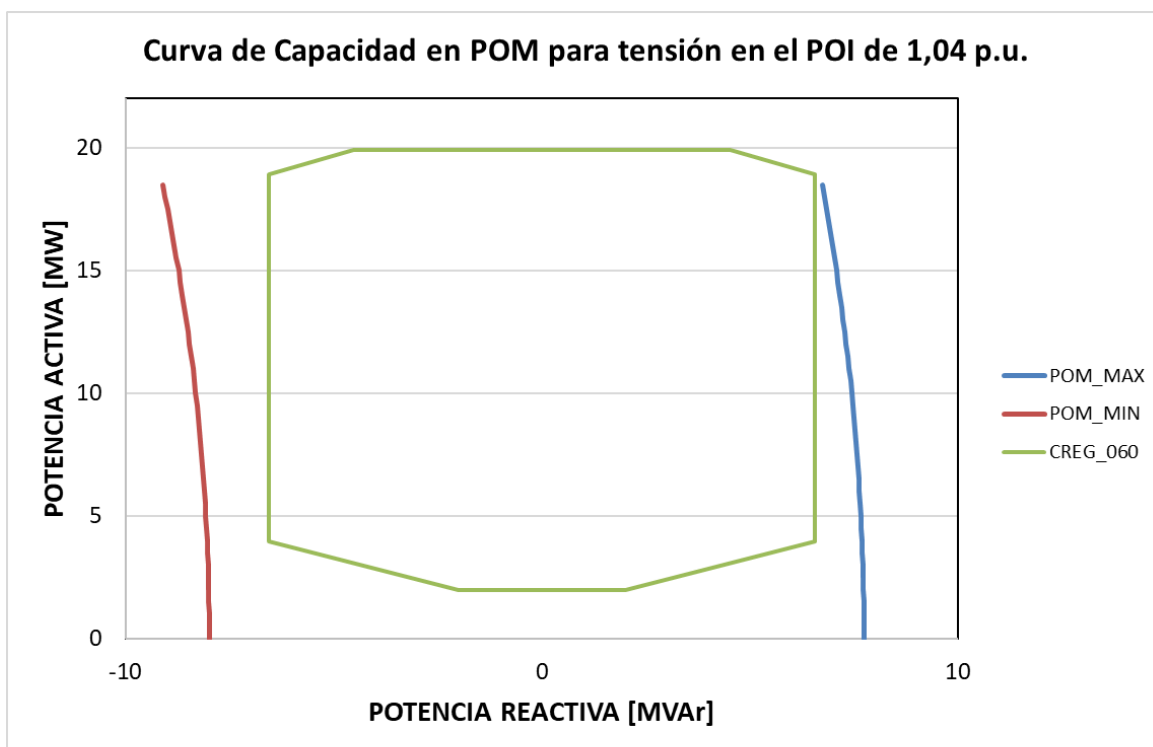


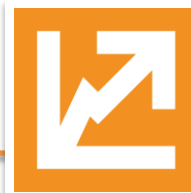


1.03							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,731	-7,99	0	0	6,369	-9,296	-18,192	-18,184
7,73	-7,991	0,5	0,5	6,445	-9,224	-17,688	-17,681
7,728	-7,993	1	1	6,516	-9,157	-17,185	-17,178
7,725	-7,996	1,5	1,5	6,583	-9,094	-16,682	-16,676
7,72	-8,002	2	2	6,646	-9,035	-16,18	-16,175
7,713	-8,009	2,5	2,5	6,704	-8,981	-15,679	-15,674
7,705	-8,018	3	3	6,759	-8,932	-15,178	-15,174
7,696	-8,028	3,5	3,5	6,809	-8,887	-14,678	-14,675
7,684	-8,041	4	4	6,855	-8,847	-14,179	-14,177
7,672	-8,054	4,5	4,5	6,897	-8,811	-13,68	-13,679
7,658	-8,07	5	5	6,935	-8,78	-13,182	-13,182
7,642	-8,087	5,5	5,5	6,969	-8,752	-12,684	-12,685
7,625	-8,106	6	6	6,999	-8,73	-12,187	-12,189
7,606	-8,126	6,5	6,5	7,025	-8,711	-11,691	-11,694
7,586	-8,148	7	7	7,047	-8,698	-11,195	-11,199
7,564	-8,172	7,5	7,5	7,065	-8,688	-10,7	-10,705
7,541	-8,197	8	8	7,079	-8,683	-10,205	-10,212
7,516	-8,224	8,5	8,5	7,089	-8,682	-9,711	-9,719
7,49	-8,253	9	9	7,095	-8,685	-9,218	-9,228
7,463	-8,283	9,5	9,5	7,097	-8,693	-8,725	-8,736
7,433	-8,315	10	10	7,096	-8,705	-8,233	-8,246
7,403	-8,348	10,5	10,5	7,09	-8,721	-7,742	-7,756
7,371	-8,383	11	11	7,08	-8,742	-7,251	-7,266
7,337	-8,42	11,5	11,5	7,067	-8,767	-6,761	-6,777
7,302	-8,458	12	12	7,049	-8,796	-6,271	-6,289
7,266	-8,498	12,5	12,5	7,028	-8,829	-5,782	-5,802
7,228	-8,54	13	13	7,003	-8,867	-5,293	-5,315
7,188	-8,583	13,5	13,5	6,974	-8,909	-4,805	-4,829
7,147	-8,628	14	14	6,941	-8,955	-4,318	-4,344
7,105	-8,674	14,5	14,5	6,904	-9,006	-3,832	-3,859
7,061	-8,722	15	15	6,863	-9,06	-3,345	-3,375
7,015	-8,772	15,5	15,5	6,819	-9,119	-2,86	-2,891
6,969	-8,823	16	16	6,77	-9,183	-2,375	-2,408
6,92	-8,876	16,5	16,5	6,718	-9,25	-1,891	-1,926
6,87	-8,931	17	17	6,661	-9,322	-1,407	-1,445
6,819	-8,987	17,5	17,5	6,601	-9,398	-0,924	-0,964
6,766	-9,045	18	18	6,537	-9,479	-0,442	-0,483
6,712	-9,104	18,5	18,5	6,47	-9,563	0,04	-0,004



15 Tensión en el POI de 1.04 p.u.

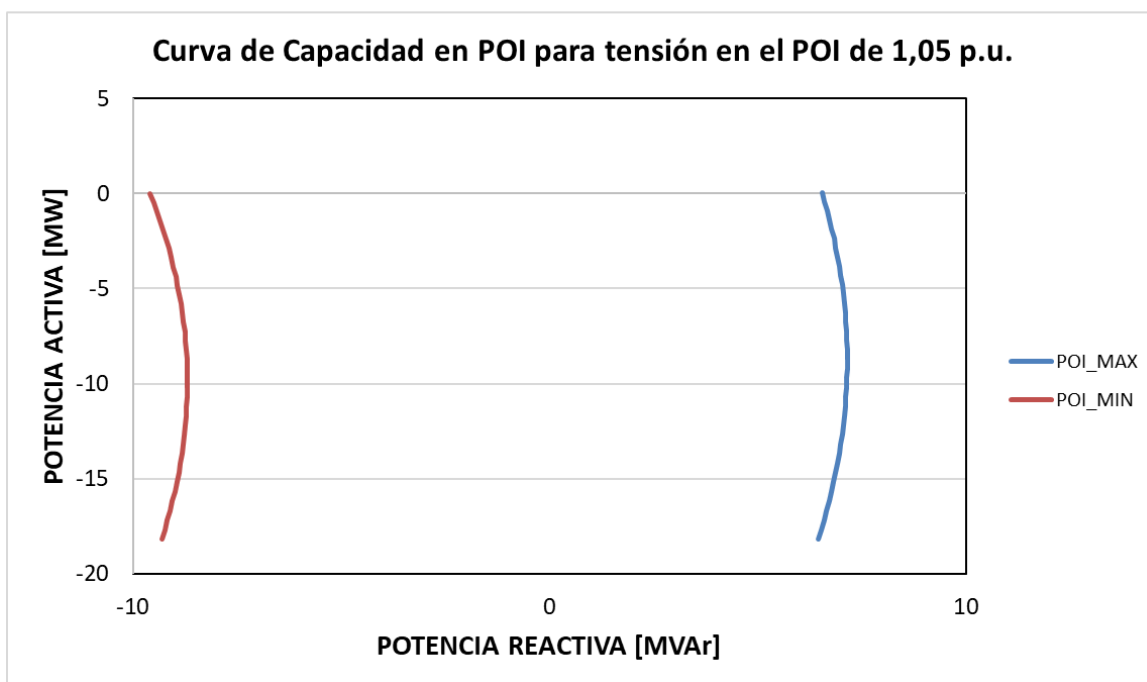
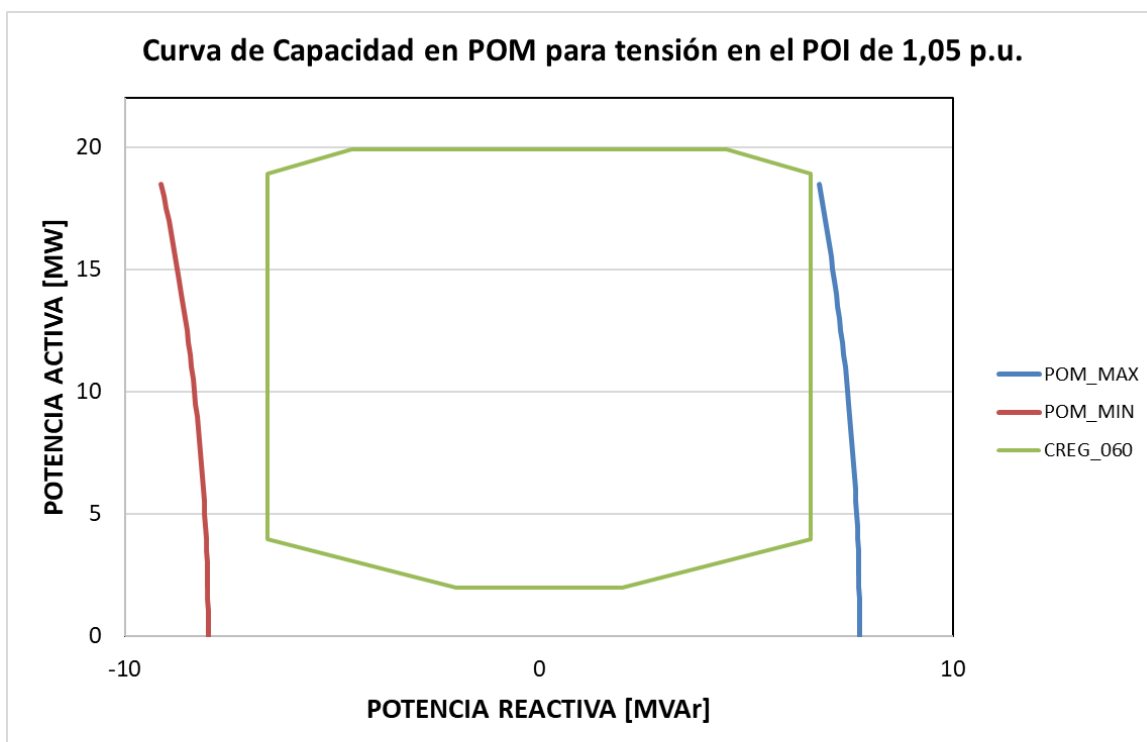


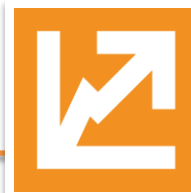


1.04							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,735	-7,992	0	0	6,411	-9,303	-18,19	-18,186
7,735	-7,993	0,5	0,5	6,485	-9,23	-17,686	-17,682
7,733	-7,995	1	1	6,555	-9,162	-17,183	-17,18
7,73	-7,999	1,5	1,5	6,62	-9,099	-16,68	-16,678
7,725	-8,004	2	2	6,682	-9,04	-16,178	-16,176
7,718	-8,011	2,5	2,5	6,739	-8,986	-15,677	-15,676
7,71	-8,02	3	3	6,793	-8,937	-15,176	-15,176
7,701	-8,031	3,5	3,5	6,842	-8,892	-14,676	-14,677
7,69	-8,043	4	4	6,887	-8,851	-14,177	-14,178
7,677	-8,057	4,5	4,5	6,929	-8,815	-13,678	-13,68
7,663	-8,073	5	5	6,966	-8,784	-13,18	-13,183
7,648	-8,09	5,5	5,5	6,999	-8,757	-12,682	-12,686
7,631	-8,109	6	6	7,029	-8,734	-12,185	-12,19
7,613	-8,129	6,5	6,5	7,054	-8,716	-11,688	-11,695
7,593	-8,151	7	7	7,076	-8,702	-11,193	-11,201
7,572	-8,175	7,5	7,5	7,093	-8,692	-10,697	-10,707
7,549	-8,201	8	8	7,107	-8,687	-10,203	-10,214
7,524	-8,228	8,5	8,5	7,117	-8,686	-9,709	-9,721
7,499	-8,257	9	9	7,123	-8,69	-9,215	-9,229
7,472	-8,287	9,5	9,5	7,125	-8,698	-8,723	-8,738
7,443	-8,319	10	10	7,123	-8,71	-8,23	-8,247
7,413	-8,353	10,5	10,5	7,117	-8,726	-7,739	-7,757
7,381	-8,388	11	11	7,108	-8,747	-7,248	-7,268
7,348	-8,425	11,5	11,5	7,094	-8,772	-6,757	-6,779
7,314	-8,464	12	12	7,077	-8,802	-6,267	-6,291
7,278	-8,504	12,5	12,5	7,056	-8,836	-5,778	-5,804
7,241	-8,546	13	13	7,031	-8,874	-5,289	-5,317
7,202	-8,589	13,5	13,5	7,002	-8,916	-4,801	-4,831
7,162	-8,634	14	14	6,97	-8,963	-4,314	-4,346
7,12	-8,681	14,5	14,5	6,934	-9,013	-3,827	-3,861
7,077	-8,729	15	15	6,893	-9,069	-3,341	-3,377
7,032	-8,779	15,5	15,5	6,85	-9,128	-2,855	-2,894
6,986	-8,831	16	16	6,802	-9,192	-2,37	-2,411
6,938	-8,884	16,5	16,5	6,75	-9,26	-1,885	-1,929
6,889	-8,939	17	17	6,695	-9,332	-1,401	-1,448
6,839	-8,996	17,5	17,5	6,636	-9,409	-0,918	-0,967
6,787	-9,054	18	18	6,573	-9,49	-0,435	-0,487
6,733	-9,115	18,5	18,5	6,506	-9,576	0,047	-0,007



16 Tensión en el POI de 1.05 p.u.

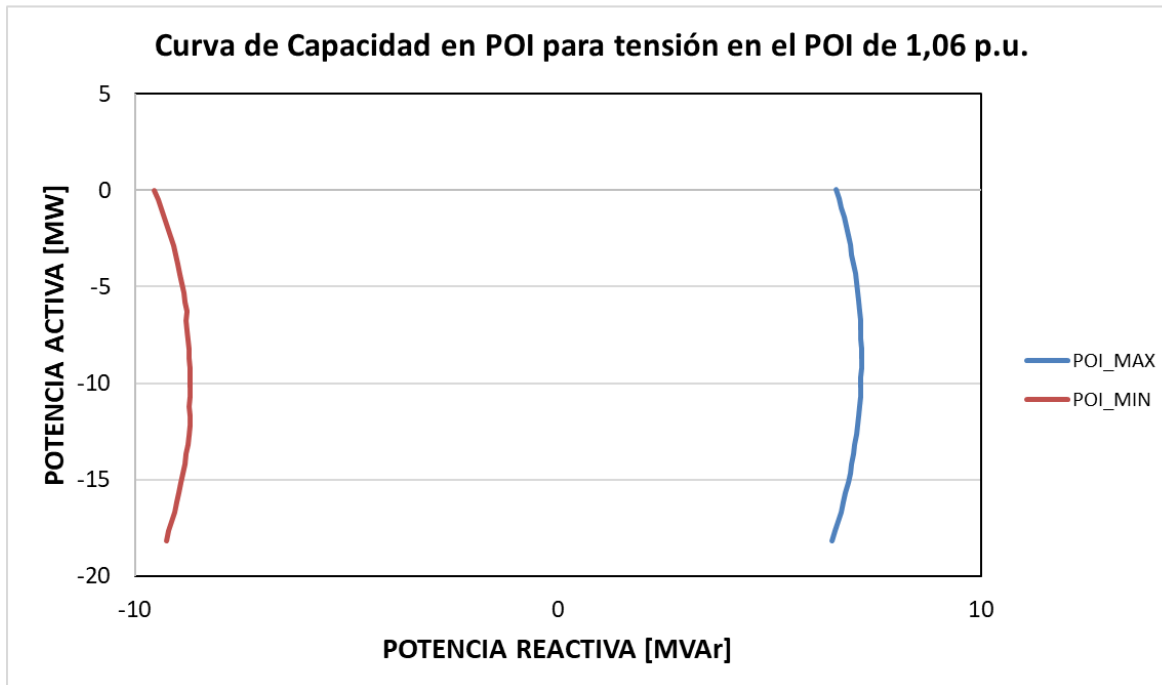
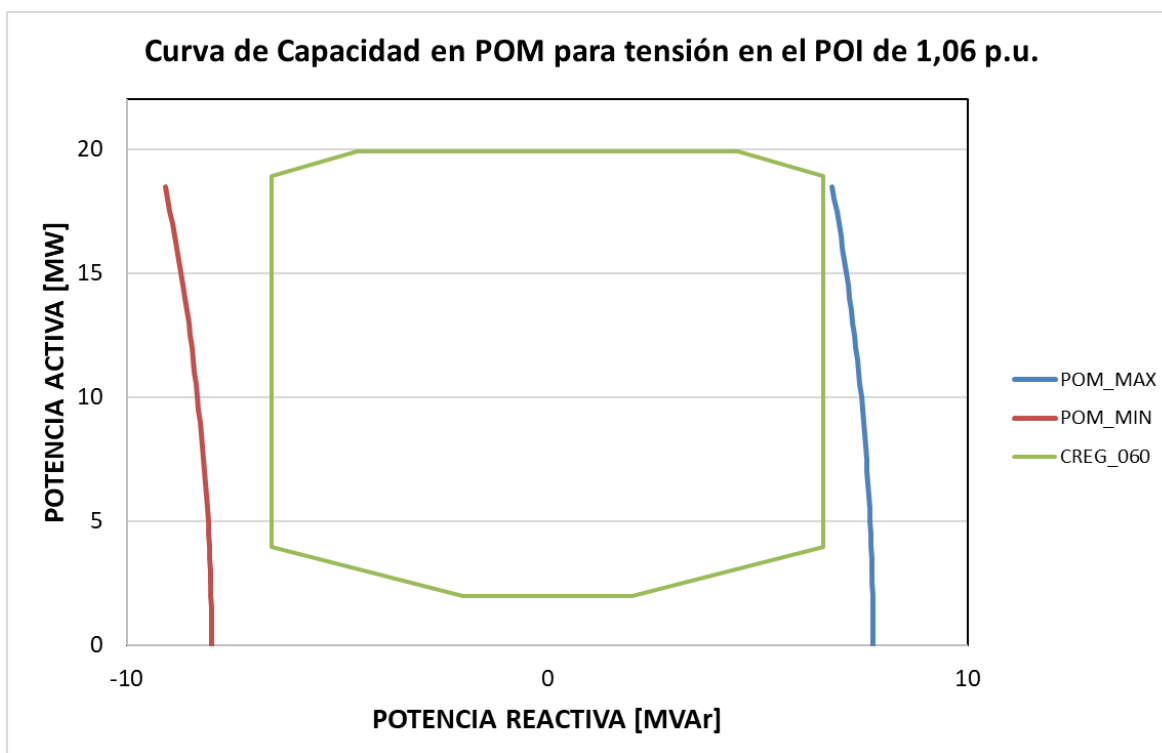


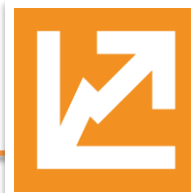


1.05							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,74	-7,994	0	0	6,452	-9,31	-18,187	-18,187
7,739	-7,995	0,5	0,5	6,524	-9,237	-17,684	-17,684
7,738	-7,997	1	1	6,593	-9,169	-17,18	-17,181
7,734	-8,001	1,5	1,5	6,657	-9,105	-16,678	-16,679
7,729	-8,006	2	2	6,718	-9,046	-16,176	-16,178
7,723	-8,013	2,5	2,5	6,774	-8,992	-15,675	-15,677
7,715	-8,022	3	3	6,827	-8,942	-15,174	-15,177
7,706	-8,033	3,5	3,5	6,875	-8,897	-14,674	-14,678
7,695	-8,045	4	4	6,919	-8,856	-14,175	-14,18
7,683	-8,059	4,5	4,5	6,96	-8,82	-13,676	-13,682
7,669	-8,075	5	5	6,996	-8,788	-13,178	-13,184
7,654	-8,092	5,5	5,5	7,029	-8,761	-12,68	-12,688
7,637	-8,112	6	6	7,058	-8,738	-12,183	-12,192
7,619	-8,132	6,5	6,5	7,083	-8,72	-11,686	-11,697
7,6	-8,155	7	7	7,104	-8,706	-11,19	-11,202
7,579	-8,179	7,5	7,5	7,121	-8,697	-10,695	-10,708
7,556	-8,204	8	8	7,134	-8,692	-10,2	-10,215
7,533	-8,232	8,5	8,5	7,144	-8,691	-9,706	-9,723
7,507	-8,261	9	9	7,15	-8,695	-9,213	-9,231
7,481	-8,291	9,5	9,5	7,152	-8,703	-8,72	-8,739
7,452	-8,323	10	10	7,15	-8,715	-8,228	-8,249
7,423	-8,357	10,5	10,5	7,144	-8,732	-7,736	-7,759
7,392	-8,393	11	11	7,135	-8,753	-7,245	-7,27
7,359	-8,43	11,5	11,5	7,121	-8,778	-6,754	-6,781
7,325	-8,469	12	12	7,104	-8,808	-6,264	-6,293
7,29	-8,509	12,5	12,5	7,083	-8,842	-5,775	-5,806
7,253	-8,552	13	13	7,059	-8,88	-5,286	-5,319
7,215	-8,595	13,5	13,5	7,031	-8,923	-4,797	-4,834
7,176	-8,641	14	14	6,999	-8,97	-4,31	-4,348
7,135	-8,688	14,5	14,5	6,963	-9,021	-3,823	-3,864
7,092	-8,737	15	15	6,923	-9,077	-3,336	-3,38
7,048	-8,787	15,5	15,5	6,88	-9,137	-2,85	-2,896
7,003	-8,839	16	16	6,833	-9,201	-2,365	-2,414
6,956	-8,893	16,5	16,5	6,782	-9,27	-1,88	-1,932
6,908	-8,948	17	17	6,728	-9,343	-1,396	-1,451
6,858	-9,005	17,5	17,5	6,67	-9,42	-0,912	-0,97
6,807	-9,064	18	18	6,608	-9,502	-0,429	-0,49
6,755	-9,124	18,5	18,5	6,542	-9,588	0,053	-0,011



17 Tensión en el POI de 1.06 p.u.

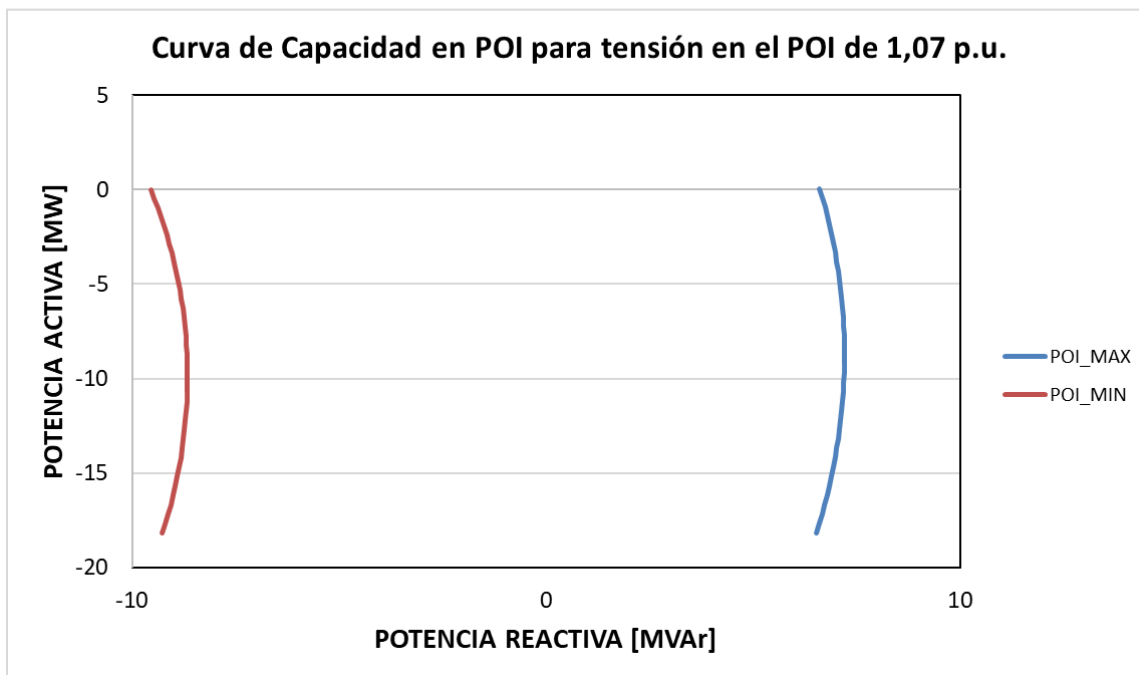
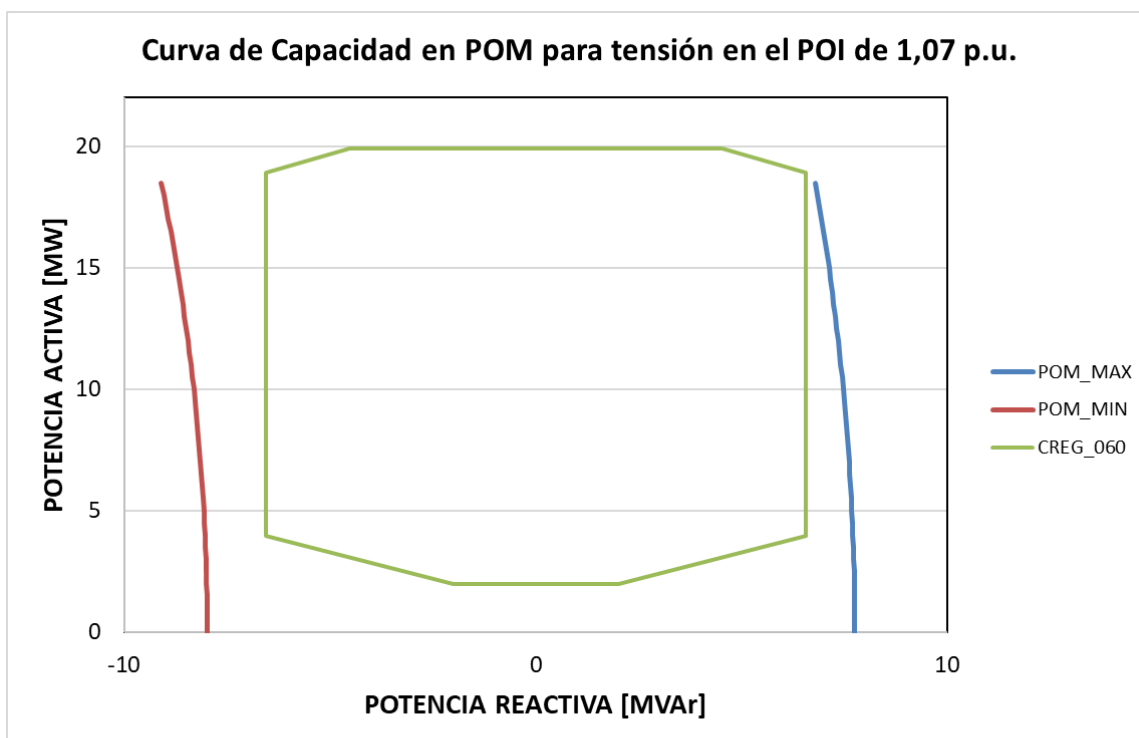


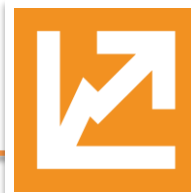


1.06							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,744	-7,988	0	0	6,492	-9,262	-18,185	-18,185
7,744	-7,989	0,5	0,5	6,563	-9,191	-17,681	-17,681
7,742	-7,991	1	1	6,63	-9,124	-17,178	-17,179
7,739	-7,994	1,5	1,5	6,694	-9,062	-16,676	-16,677
7,734	-8	2	2	6,753	-9,004	-16,174	-16,175
7,728	-8,007	2,5	2,5	6,808	-8,951	-15,673	-15,675
7,72	-8,016	3	3	6,86	-8,902	-15,172	-15,175
7,711	-8,026	3,5	3,5	6,907	-8,858	-14,672	-14,676
7,7	-8,038	4	4	6,951	-8,818	-14,173	-14,177
7,688	-8,052	4,5	4,5	6,99	-8,782	-13,674	-13,679
7,675	-8,067	5	5	7,026	-8,751	-13,176	-13,182
7,66	-8,084	5,5	5,5	7,058	-8,724	-12,678	-12,685
7,643	-8,103	6	6	7,087	-8,702	-12,181	-12,189
7,626	-8,123	6,5	6,5	7,111	-8,684	-11,684	-11,694
7,606	-8,158	7	7	7,132	-8,711	-11,188	-11,204
7,586	-8,182	7,5	7,5	7,148	-8,702	-10,693	-10,71
7,564	-8,208	8	8	7,161	-8,697	-10,198	-10,217
7,54	-8,235	8,5	8,5	7,171	-8,696	-9,704	-9,724
7,516	-8,264	9	9	7,176	-8,7	-9,21	-9,232
7,489	-8,295	9,5	9,5	7,178	-8,708	-8,717	-8,741
7,462	-8,328	10	10	7,176	-8,72	-8,225	-8,251
7,432	-8,362	10,5	10,5	7,17	-8,737	-7,733	-7,761
7,402	-8,398	11	11	7,161	-8,758	-7,242	-7,272
7,37	-8,435	11,5	11,5	7,148	-8,784	-6,751	-6,783
7,337	-8,453	12	12	7,131	-8,769	-6,261	-6,288
7,302	-8,492	12,5	12,5	7,111	-8,802	-5,771	-5,801
7,266	-8,533	13	13	7,086	-8,839	-5,282	-5,314
7,228	-8,576	13,5	13,5	7,059	-8,881	-4,794	-4,828
7,189	-8,621	14	14	7,027	-8,927	-4,306	-4,342
7,149	-8,667	14,5	14,5	6,992	-8,977	-3,818	-3,857
7,107	-8,715	15	15	6,953	-9,031	-3,332	-3,373
7,064	-8,764	15,5	15,5	6,91	-9,09	-2,845	-2,889
7,02	-8,815	16	16	6,864	-9,153	-2,36	-2,406
6,974	-8,867	16,5	16,5	6,814	-9,22	-1,875	-1,924
6,926	-8,922	17	17	6,76	-9,291	-1,39	-1,442
6,877	-8,977	17,5	17,5	6,703	-9,367	-0,907	-0,961
6,827	-9,035	18	18	6,642	-9,446	-0,423	-0,481
6,775	-9,094	18,5	18,5	6,577	-9,53	0,059	-0,001



18 Tensión en el POI de 1.07 p.u.

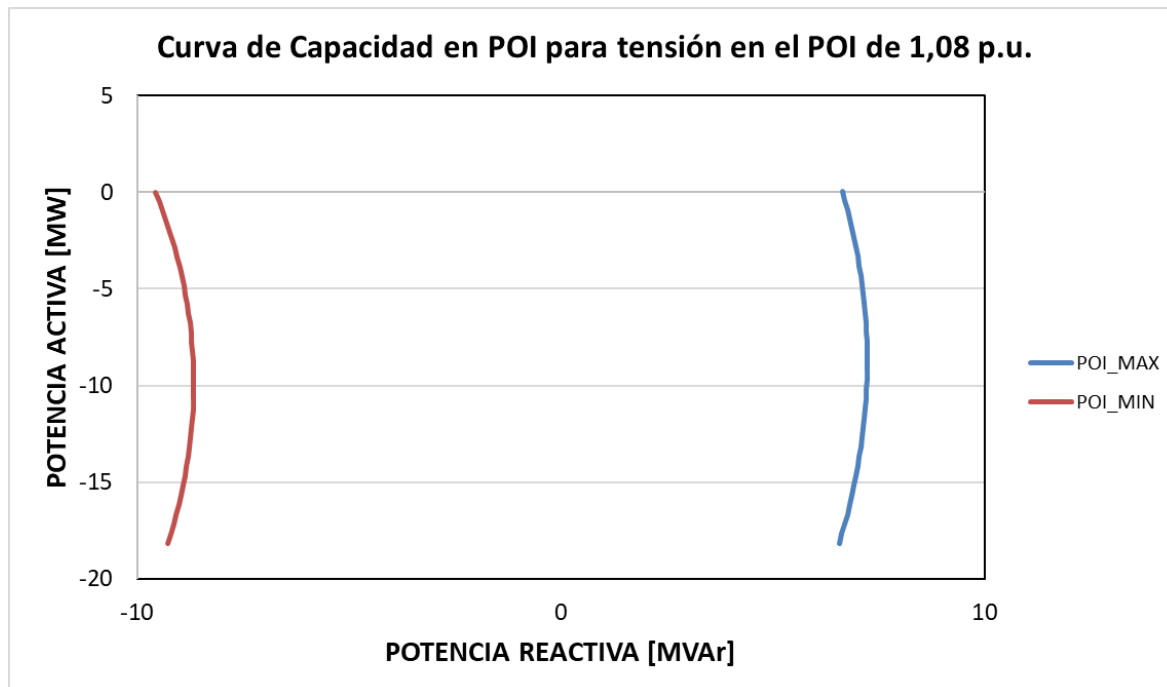
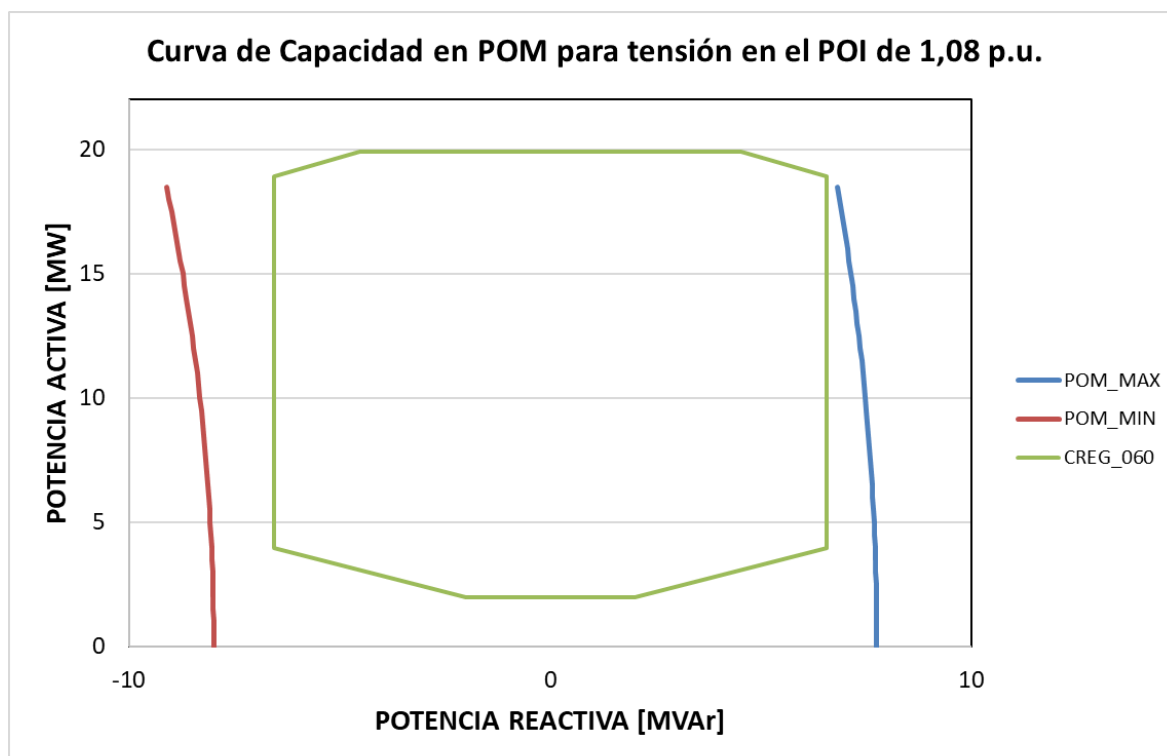


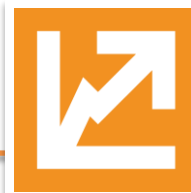


1.07							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,749	-7,99	0	0	6,531	-9,27	-18,183	-18,187
7,748	-7,991	0,5	0,5	6,601	-9,198	-17,679	-17,683
7,746	-7,993	1	1	6,667	-9,131	-17,176	-17,181
7,743	-7,996	1,5	1,5	6,729	-9,068	-16,674	-16,679
7,738	-8,002	2	2	6,787	-9,01	-16,172	-16,177
7,732	-8,009	2,5	2,5	6,842	-8,957	-15,671	-15,676
7,725	-8,018	3	3	6,892	-8,908	-15,17	-15,177
7,716	-8,028	3,5	3,5	6,939	-8,863	-14,67	-14,677
7,705	-8,041	4	4	6,982	-8,823	-14,171	-14,179
7,693	-8,054	4,5	4,5	7,021	-8,788	-13,672	-13,681
7,68	-8,07	5	5	7,056	-8,756	-13,174	-13,183
7,666	-8,087	5,5	5,5	7,087	-8,729	-12,676	-12,687
7,649	-8,106	6	6	7,115	-8,707	-12,179	-12,191
7,632	-8,126	6,5	6,5	7,139	-8,689	-11,682	-11,695
7,613	-8,148	7	7	7,159	-8,675	-11,186	-11,201
7,593	-8,172	7,5	7,5	7,175	-8,666	-10,691	-10,707
7,571	-8,197	8	8	7,188	-8,661	-10,196	-10,213
7,548	-8,224	8,5	8,5	7,197	-8,66	-9,702	-9,721
7,524	-8,253	9	9	7,203	-8,664	-9,208	-9,229
7,498	-8,283	9,5	9,5	7,204	-8,672	-8,715	-8,737
7,471	-8,315	10	10	7,202	-8,684	-8,222	-8,247
7,442	-8,348	10,5	10,5	7,197	-8,7	-7,73	-7,756
7,412	-8,383	11	11	7,187	-8,721	-7,239	-7,267
7,381	-8,42	11,5	11,5	7,174	-8,746	-6,748	-6,778
7,348	-8,458	12	12	7,158	-8,775	-6,257	-6,29
7,314	-8,498	12,5	12,5	7,137	-8,809	-5,768	-5,803
7,278	-8,539	13	13	7,114	-8,846	-5,278	-5,316
7,241	-8,583	13,5	13,5	7,086	-8,888	-4,79	-4,83
7,203	-8,627	14	14	7,055	-8,935	-4,302	-4,344
7,163	-8,674	14,5	14,5	7,02	-8,985	-3,814	-3,859
7,122	-8,722	15	15	6,982	-9,04	-3,327	-3,375
7,08	-8,771	15,5	15,5	6,94	-9,099	-2,841	-2,892
7,036	-8,823	16	16	6,894	-9,162	-2,355	-2,409
6,991	-8,876	16,5	16,5	6,845	-9,23	-1,87	-1,927
6,944	-8,93	17	17	6,792	-9,302	-1,385	-1,445
6,896	-8,987	17,5	17,5	6,736	-9,378	-0,901	-0,964
6,846	-9,044	18	18	6,676	-9,458	-0,417	-0,484
6,796	-9,104	18,5	18,5	6,612	-9,543	0,066	-0,004



19 Tensión en el POI de 1.08 p.u.

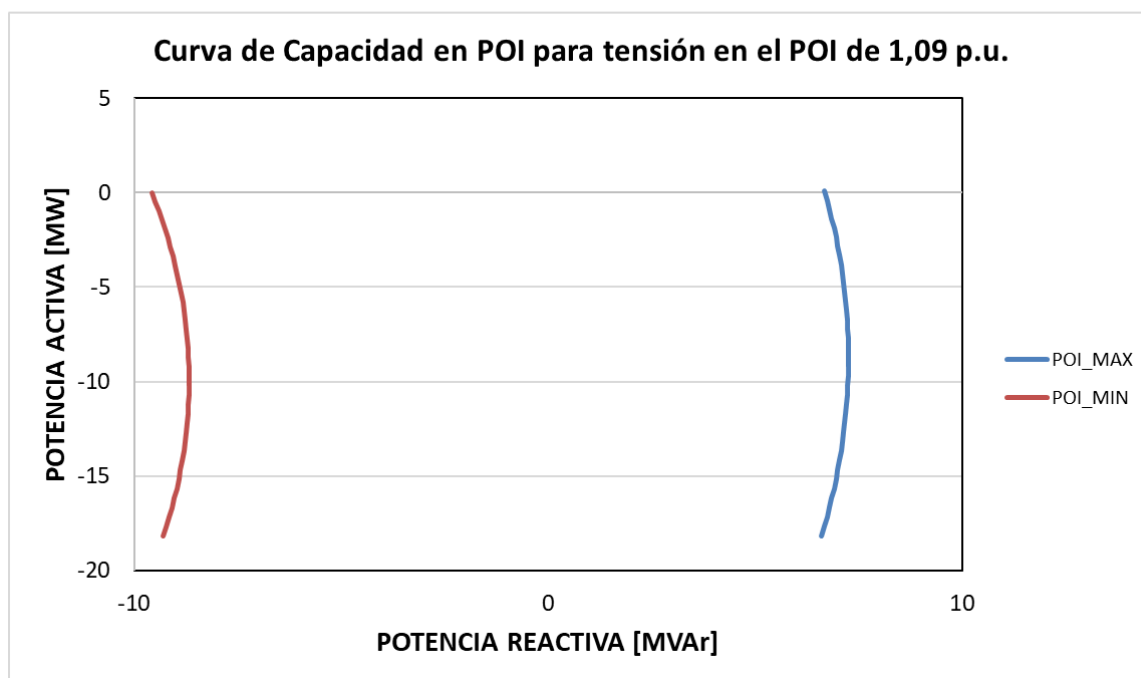
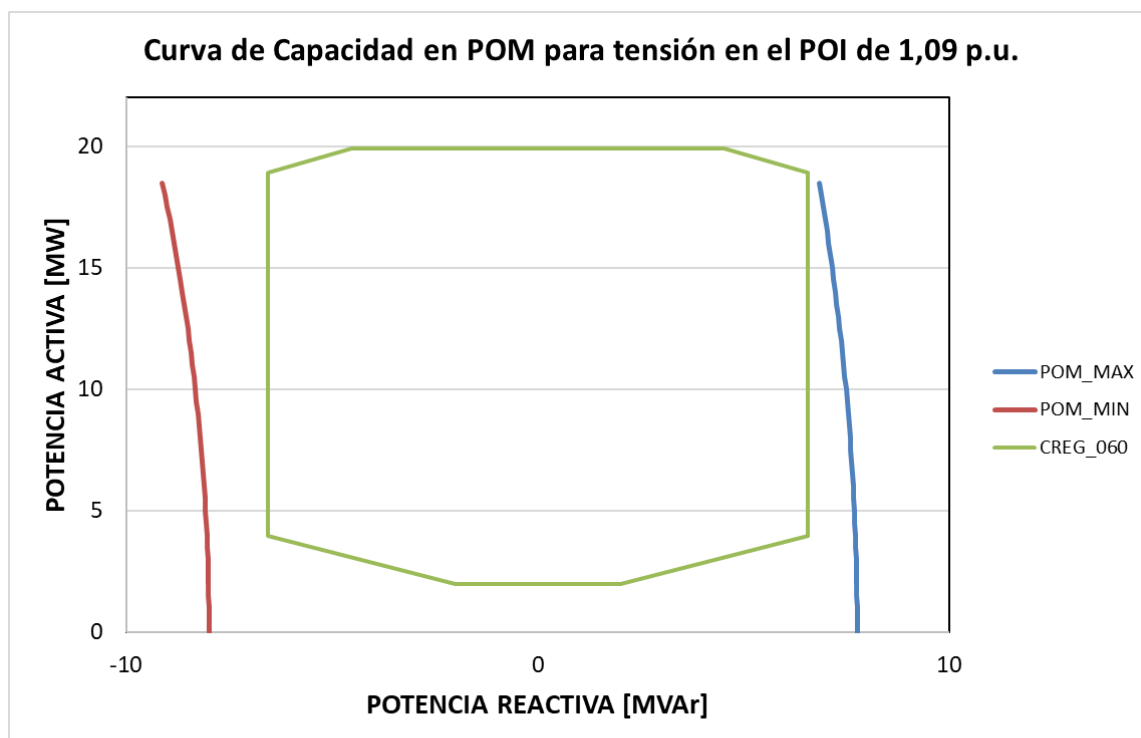


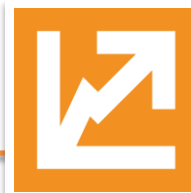


1.08							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOIs_max	PPOIs_min
7,753	-7,992	0	0	6,57	-9,278	-18,181	-18,189
7,753	-7,993	0,5	0,5	6,638	-9,206	-17,677	-17,685
7,751	-7,995	1	1	6,703	-9,139	-17,174	-17,183
7,748	-7,999	1,5	1,5	6,764	-9,076	-16,672	-16,681
7,743	-8,004	2	2	6,821	-9,017	-16,17	-16,179
7,737	-8,011	2,5	2,5	6,875	-8,963	-15,669	-15,678
7,729	-8,02	3	3	6,924	-8,914	-15,169	-15,178
7,721	-8,031	3,5	3,5	6,97	-8,869	-14,668	-14,679
7,71	-8,043	4	4	7,012	-8,829	-14,169	-14,18
7,699	-8,057	4,5	4,5	7,05	-8,793	-13,67	-13,682
7,686	-8,072	5	5	7,085	-8,762	-13,172	-13,185
7,671	-8,09	5,5	5,5	7,115	-8,735	-12,674	-12,688
7,655	-8,109	6	6	7,143	-8,712	-12,177	-12,192
7,638	-8,129	6,5	6,5	7,166	-8,694	-11,68	-11,697
7,62	-8,151	7	7	7,186	-8,68	-11,184	-11,202
7,6	-8,175	7,5	7,5	7,202	-8,671	-10,689	-10,708
7,578	-8,201	8	8	7,214	-8,666	-10,194	-10,215
7,556	-8,228	8,5	8,5	7,223	-8,665	-9,699	-9,722
7,532	-8,256	9	9	7,228	-8,669	-9,206	-9,23
7,506	-8,287	9,5	9,5	7,23	-8,677	-8,712	-8,739
7,479	-8,319	10	10	7,228	-8,689	-8,22	-8,248
7,451	-8,353	10,5	10,5	7,222	-8,706	-7,727	-7,758
7,422	-8,388	11	11	7,213	-8,727	-7,236	-7,269
7,391	-8,425	11,5	11,5	7,2	-8,752	-6,745	-6,78
7,359	-8,463	12	12	7,184	-8,781	-6,254	-6,292
7,325	-8,503	12,5	12,5	7,164	-8,815	-5,764	-5,805
7,29	-8,545	13	13	7,14	-8,853	-5,275	-5,318
7,254	-8,589	13,5	13,5	7,113	-8,896	-4,786	-4,832
7,216	-8,634	14	14	7,082	-8,942	-4,298	-4,347
7,177	-8,681	14,5	14,5	7,048	-8,993	-3,81	-3,862
7,137	-8,729	15	15	7,01	-9,048	-3,323	-3,378
7,095	-8,779	15,5	15,5	6,969	-9,108	-2,836	-2,894
7,052	-8,831	16	16	6,924	-9,171	-2,35	-2,412
7,007	-8,884	16,5	16,5	6,876	-9,24	-1,865	-1,93
6,961	-8,939	17	17	6,824	-9,312	-1,38	-1,448
6,914	-8,996	17,5	17,5	6,768	-9,389	-0,896	-0,967
6,866	-9,054	18	18	6,709	-9,47	-0,412	-0,487
6,816	-9,114	18,5	18,5	6,646	-9,555	0,072	-0,008



20 Tensión en el POI de 1.09 p.u.

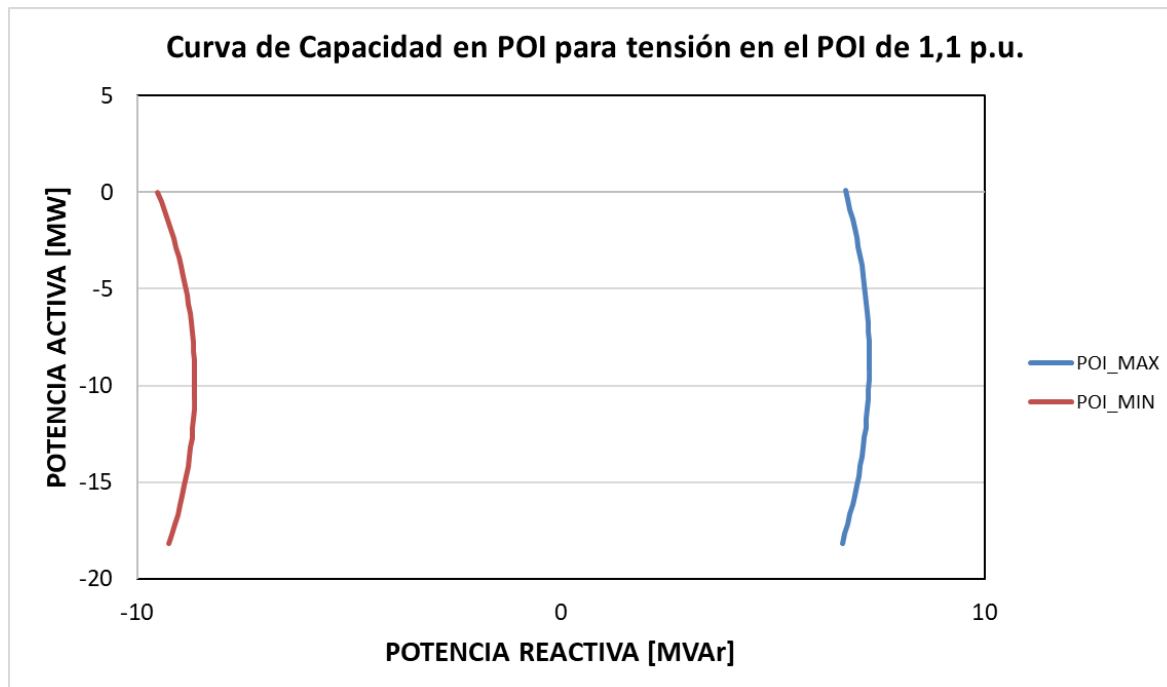
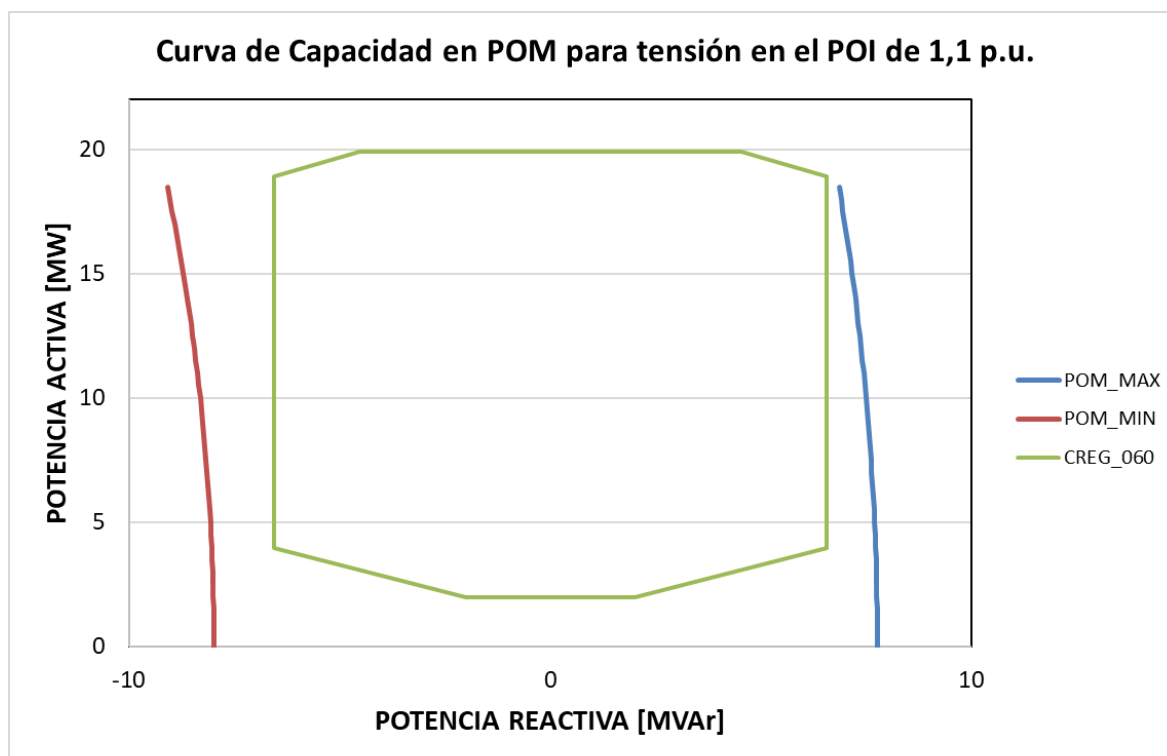


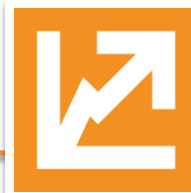


1.09							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,757	-7,994	0	0	6,607	-9,287	-18,179	-18,191
7,757	-7,995	0,5	0,5	6,675	-9,214	-17,675	-17,688
7,755	-7,997	1	1	6,739	-9,146	-17,173	-17,185
7,752	-8,001	1,5	1,5	6,798	-9,083	-16,67	-16,683
7,747	-8,006	2	2	6,854	-9,024	-16,169	-16,181
7,741	-8,013	2,5	2,5	6,907	-8,97	-15,667	-15,68
7,734	-8,022	3	3	6,955	-8,92	-15,167	-15,18
7,725	-8,033	3,5	3,5	7	-8,875	-14,667	-14,681
7,715	-8,045	4	4	7,042	-8,835	-14,167	-14,182
7,704	-8,059	4,5	4,5	7,079	-8,799	-13,668	-13,684
7,691	-8,075	5	5	7,113	-8,767	-13,17	-13,187
7,677	-8,092	5,5	5,5	7,143	-8,74	-12,672	-12,69
7,661	-8,111	6	6	7,17	-8,717	-12,175	-12,194
7,644	-8,132	6,5	6,5	7,193	-8,699	-11,678	-11,699
7,626	-8,154	7	7	7,212	-8,685	-11,182	-11,204
7,606	-8,178	7,5	7,5	7,228	-8,676	-10,687	-10,71
7,585	-8,204	8	8	7,24	-8,671	-10,192	-10,217
7,563	-8,231	8,5	8,5	7,249	-8,67	-9,697	-9,724
7,539	-8,26	9	9	7,254	-8,674	-9,203	-9,232
7,514	-8,291	9,5	9,5	7,255	-8,682	-8,71	-8,741
7,488	-8,323	10	10	7,253	-8,695	-8,217	-8,25
7,46	-8,357	10,5	10,5	7,248	-8,711	-7,725	-7,76
7,431	-8,393	11	11	7,239	-8,732	-7,233	-7,271
7,401	-8,43	11,5	11,5	7,226	-8,758	-6,742	-6,782
7,369	-8,468	12	12	7,21	-8,788	-6,251	-6,294
7,336	-8,509	12,5	12,5	7,19	-8,822	-5,761	-5,807
7,302	-8,551	13	13	7,167	-8,86	-5,272	-5,32
7,266	-8,595	13,5	13,5	7,14	-8,903	-4,783	-4,834
7,229	-8,64	14	14	7,11	-8,95	-4,294	-4,349
7,191	-8,687	14,5	14,5	7,076	-9,001	-3,806	-3,864
7,151	-8,736	15	15	7,039	-9,057	-3,319	-3,38
7,11	-8,786	15,5	15,5	6,998	-9,117	-2,832	-2,897
7,067	-8,838	16	16	6,954	-9,181	-2,346	-2,414
7,023	-8,892	16,5	16,5	6,906	-9,249	-1,86	-1,932
6,978	-8,947	17	17	6,855	-9,322	-1,375	-1,451
6,932	-9,004	17,5	17,5	6,8	-9,399	-0,89	-0,971
6,884	-9,063	18	18	6,742	-9,481	-0,406	-0,491
6,835	-9,124	18,5	18,5	6,68	-9,567	0,077	-0,011



21 Tensión en el POI de 1.10 p.u.





1.1							
Qmax_POM	Qmin_POM	PPOMs_max	PPOMs_min	Qmax_POI	Qmin_POI	PPOI_s_max	PPOI_s_min
7,761	-7,988	0	0	6,645	-9,241	-18,177	-18,189
7,761	-7,989	0,5	0,5	6,711	-9,17	-17,674	-17,685
7,759	-7,991	1	1	6,773	-9,103	-17,171	-17,182
7,756	-7,994	1,5	1,5	6,832	-9,041	-16,668	-16,68
7,752	-8	2	2	6,887	-8,983	-16,167	-16,179
7,746	-8,007	2,5	2,5	6,939	-8,93	-15,666	-15,678
7,739	-8,016	3	3	6,986	-8,881	-15,165	-15,178
7,73	-8,026	3,5	3,5	7,03	-8,837	-14,665	-14,678
7,72	-8,038	4	4	7,071	-8,797	-14,166	-14,18
7,709	-8,052	4,5	4,5	7,108	-8,762	-13,667	-13,681
7,696	-8,067	5	5	7,141	-8,731	-13,168	-13,184
7,682	-8,084	5,5	5,5	7,171	-8,704	-12,67	-12,687
7,667	-8,103	6	6	7,197	-8,682	-12,173	-12,191
7,65	-8,123	6,5	6,5	7,219	-8,664	-11,676	-11,696
7,632	-8,145	7	7	7,238	-8,651	-11,18	-11,201
7,613	-8,169	7,5	7,5	7,254	-8,641	-10,685	-10,707
7,592	-8,194	8	8	7,266	-8,636	-10,19	-10,213
7,57	-8,221	8,5	8,5	7,274	-8,636	-9,695	-9,721
7,547	-8,249	9	9	7,279	-8,639	-9,201	-9,228
7,523	-8,279	9,5	9,5	7,28	-8,647	-8,708	-8,737
7,497	-8,31	10	10	7,278	-8,659	-8,215	-8,246
7,469	-8,344	10,5	10,5	7,273	-8,675	-7,722	-7,756
7,441	-8,378	11	11	7,264	-8,696	-7,23	-7,266
7,411	-8,415	11,5	11,5	7,251	-8,721	-6,739	-6,778
7,38	-8,453	12	12	7,235	-8,75	-6,248	-6,289
7,347	-8,492	12,5	12,5	7,216	-8,783	-5,758	-5,802
7,313	-8,534	13	13	7,193	-8,82	-5,268	-5,315
7,278	-8,577	13,5	13,5	7,166	-8,862	-4,779	-4,829
7,242	-8,621	14	14	7,136	-8,908	-4,291	-4,343
7,204	-8,667	14,5	14,5	7,103	-8,958	-3,802	-3,858
7,165	-8,715	15	15	7,066	-9,012	-3,315	-3,374
7,124	-8,764	15,5	15,5	7,026	-9,071	-2,828	-2,89
7,083	-8,815	16	16	6,983	-9,134	-2,341	-2,407
7,039	-8,868	16,5	16,5	6,936	-9,201	-1,855	-1,925
6,995	-8,922	17	17	6,885	-9,272	-1,37	-1,443
6,949	-8,978	17,5	17,5	6,831	-9,348	-0,885	-0,962
6,902	-9,035	18	18	6,774	-9,427	-0,401	-0,481
6,854	-9,094	18,5	18,5	6,713	-9,511	0,083	-0,002