

Idle power: 5,696007 W

Instance	Schedule	Actual power [W]			Predictor			Predictor (b2)			Expected power [W]			Eik 1		
		Average	Stddev	Stddev %	Expected	d	Error	Expected	d	Error	Expected	d	Error	Expected	d	Error
1	maxutil	8,055488	0,180714	2,24%	7,832843	0,222645	2,76%	7,914318	0,141170	1,75%	7,255473	0,800015	9,93%	7,612991	0,442497	5,49%
1	minutil	8,667504	0,187607	2,16%	8,399522	0,267982	3,09%	8,491079	0,176425	2,04%	8,090320	0,577184	6,66%	8,302245	0,365259	4,21%
1	modpred	7,452649	0,174842	2,35%	7,564766	-0,112117	-1,50%	7,623527	-0,170878	-2,29%	7,226985	0,225664	3,03%	7,582981	-0,130333	-1,75%
1	eik	7,738657	0,309652	4,00%	7,649658	0,088999	1,15%	7,680573	0,058084	0,75%	7,165627	0,573029	7,40%	7,510773	0,227884	2,94%
1	mod2bpred	7,958388	0,389640	4,90%	7,571331	0,387057	4,86%	7,591268	0,367120	4,61%	7,212854	0,745534	9,37%	7,584955	0,373433	4,69%
2	maxutil	8,175059	0,149163	1,82%	8,046458	0,128601	1,57%	8,065325	0,109735	1,34%	7,222382	0,952677	11,65%	7,641299	0,533760	6,53%
2	minutil	8,922556	0,156965	1,76%	8,437938	0,484619	5,43%	8,537659	0,384897	4,31%	7,896412	1,026144	11,50%	8,216712	0,705844	7,91%
2	modpred	7,809884	0,281409	3,60%	7,547280	0,262604	3,36%	7,582033	0,227850	2,92%	7,166231	0,643652	8,24%	7,599170	0,210714	2,70%
2	eik	8,050810	0,413457	5,14%	7,808874	0,241936	3,01%	7,846950	0,203860	2,53%	7,131679	0,919131	11,42%	7,548590	0,502220	6,24%
2	mod2bpred	7,693374	0,254309	3,31%	7,579949	0,113425	1,47%	7,623397	0,069977	0,91%	7,174969	0,518405	6,74%	7,621574	0,071799	0,93%
3	maxutil	8,186402	0,302902	3,70%	8,125697	0,060705	0,74%	8,136854	0,049548	0,61%	7,479705	0,706697	8,63%	7,912926	0,273476	3,34%
3	minutil	8,991226	0,249588	2,78%	8,622016	0,369211	4,11%	8,700493	0,290733	3,23%	8,114024	0,877202	9,76%	8,490340	0,500886	5,57%
3	modpred	8,190044	0,203981	2,49%	7,725236	0,464808	5,68%	7,759048	0,430996	5,26%	7,250075	0,939969	11,48%	7,696843	0,493201	6,02%
3	eik	8,202188	0,336527	4,10%	7,904085	0,298103	3,63%	7,904085	0,298103	3,63%	7,237774	0,964414	11,76%	7,685794	0,516394	6,30%
3	mod2bpred	8,073992	0,269543	3,34%	7,740473	0,333519	4,13%	7,757120	0,316872	3,92%	7,250075	0,823916	10,20%	7,712776	0,361215	4,47%
4	maxutil	7,463086	0,278342	3,73%	8,026797	-0,563711	-7,55%	8,126464	-0,663378	-8,89%	7,134402	0,328684	4,40%	7,549279	-0,086193	-1,15%
4	minutil	8,146704	0,207316	2,54%	8,281659	-0,134955	-1,66%	8,368737	-0,222033	-2,73%	7,935050	0,211653	2,60%	8,128453	0,018251	0,22%
4	modpred	7,236404	0,274892	3,80%	7,442479	-0,206075	-2,85%	7,478528	-0,242124	-3,35%	7,073128	0,163276	2,26%	7,417055	-0,180651	-2,50%
4	eik	7,708537	0,375205	4,87%	7,540801	0,167735	2,18%	7,557183	0,151353	1,96%	7,065476	0,643061	8,34%	7,370569	0,337968	4,38%
4	mod2bpred	7,510815	0,274199	3,65%	7,455644	0,055171	0,73%	7,514304	-0,003488	-0,05%	7,113518	0,397297	5,29%	7,466258	0,044557	0,59%
5	maxutil	8,199037	0,255100	3,11%	8,213168	-0,014131	-0,17%	8,266199	-0,067162	-0,82%	7,293604	0,905434	11,04%	8,026796	0,172241	2,10%
5	minutil	8,501801	0,181904	2,14%	8,622281	-0,120480	-1,42%	8,724601	-0,222800	-2,62%	8,008926	0,492875	5,80%	8,447199	0,054602	0,64%
5	modpred	8,095488	0,295415	3,65%	7,770435	0,325052	4,02%	7,783331	0,312157	3,86%	7,308855	0,786633	9,72%	7,683385	0,412102	5,09%
5	eik	8,519460	0,311120	3,65%	7,904631	0,614828	7,22%	7,904631	0,614828	7,22%	7,276985	1,242474	14,58%	7,649322	0,870137	10,21%
5	mod2bpred	8,159968	0,354120	4,34%	7,779322	0,380646	4,66%	7,788834	0,371134	4,55%	7,308855	0,851113	10,43%	7,702727	0,457241	5,60%
Average					0,155647	1,83%		0,108827	1,26%		0,686042	8,41%		0,295469	3,55%	
Stddev					0,255456	3,17%		0,270436	3,39%		0,276773	3,19%		0,258966	3,11%	
AbsAverage					0,251603	3,10%		0,241482	2,98%		0,686042	8,41%		0,328567	4,00%	
AbsStddev					0,161801	1,96%		0,163295	2,04%		0,276773	3,19%		0,215427	2,50%	
AbsMax					0,614828	7,55%		0,663378	8,89%		1,242474	14,58%		0,870137	10,21%	
AbsMin					0,014131	0,17%		0,003488	0,05%		0,163276	2,26%		0,018251	0,22%	

$$\text{Predictor: } P_{pred} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \left(\sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} (a_{i,k} \cdot p_{i,k}) + l_j \cdot \max_{\substack{T_i \in \mathcal{T} \\ R_k \in \mathcal{R}}} b_{i,k} \right)$$

$$\text{no B: } P_{noB} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} (a_{i,k} \cdot p_{i,k})$$

$$\text{Eik 1: } P_{Eik1} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} \left(\left(a_{i,k} + \frac{b_{i,k}}{c_k} \right) \cdot p_{i,k} \right)$$

$$\text{Eik 2: } P_{Eik2} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} ((a_{i,k} + b_{i,k}) \cdot p_{i,k})$$

Eik 2		
Expected	d	Error
8,476229	-0,420741	-5,22%
8,548766	0,118738	1,37%
8,429570	-0,976921	-13,11%
8,478168	-0,739511	-9,56%
8,533358	-0,574970	-7,22%
8,762064	-0,587005	-7,18%
8,616397	0,306159	3,43%
8,619151	-0,809268	-10,36%
8,699116	-0,648306	-8,05%
8,656793	-0,963419	-12,52%
9,054381	-0,867979	-10,60%
9,019556	-0,028330	-0,32%
8,969874	-0,779830	-9,52%
8,997489	-0,795301	-9,70%
9,001740	-0,927749	-11,49%
8,383366	-0,920280	-12,33%
8,360734	-0,214031	-2,63%
8,229508	-0,993104	-13,72%
8,224100	-0,515563	-6,69%
8,261237	-0,750422	-9,99%
9,336860	-1,137823	-13,88%
9,094993	-0,593192	-6,98%
8,662560	-0,567072	-7,00%
8,705859	-0,186400	-2,19%
8,701243	-0,541275	-6,63%
	-0,607180	-7,73%
	0,364174	4,65%
	0,642588	8,13%
	0,297272	3,91%
	1,137823	13,88%
	0,028330	0,32%