

Sender

V01/04-2009

Family Name \_\_\_\_\_ First Name \_\_\_\_\_  
 Company / University \_\_\_\_\_  
 Address \_\_\_\_\_  
 Postal Code \_\_\_\_\_ Town \_\_\_\_\_  
 Country \_\_\_\_\_ E-Mail \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

What would you like?  an offer  order

Number of single user licenses:  1  2  3  4  5  more .....

Number concurrent users in PC network (server):  2  3  4  5  more .....

Please remark the desired number of nodes  50  100  300  unlimited

and remark on the left side of the listings the desired Starter Package and the desired applicable Modules.

Remarks \_\_\_\_\_

## NEPLAN Electricity STARTER PACKAGES

The Starter Packages offers Basic Functions and can be extended by applicable Modules – even years later!

Package Name	Code	Contains the Basic Functions and Modules
<input type="checkbox"/> <b>BASE</b> Starter Package	BASE	GR + LF + SC
<input type="checkbox"/> <b>TRANSMISSION</b> Starter Package	TRANS	GR + LF + SC + OPF + VS + SSS + NS_RMS + NS_EMS
<input type="checkbox"/> <b>DISTRIBUTION</b> Starter Package	DIST	GR + LF + SC + OSP + LP + CP
<input type="checkbox"/> <b>GENERATION</b> Starter Package	GEN	GR + LF + SC + OCP + MS
<input type="checkbox"/> <b>INDUSTRIAL</b> Starter Package	IND	GR + LF + SC + OCP + MS
<input type="checkbox"/> <b>PROTECTION</b> Starter Package	PROT	GR + LF + SC + OCP + DP
<input type="checkbox"/> <b>Wind Package I</b> – System Analysis	WIND-1	GR + LF + SC + HA + AG + LP + RA + VS + NS_RMS
<input type="checkbox"/> <b>Wind Package II</b> – Wind park	WIND-2	GR + LF + SC + HA + AG + LP + SL + NS_RMS
<input type="checkbox"/> <b>EDUCATION</b> Package (multiple users)	EDU	All modules, except RCM modules
<input type="checkbox"/> <b>RESEARCH</b> Package (multiple users)	REAS	All modules, except RCM modules

Basis Functions all Packages	Code	BASE	IND	PROT	GEN	DIST	TRANS
Graphical Database Editor	GR	incl.	incl.	incl.	incl.	incl.	incl.
Load Flow/Contingency Analysis	LF	incl.	incl.	incl.	incl.	incl.	incl.
Short Circuit Analysis	SC	incl.	incl.	incl.	incl.	incl.	incl.

> Please send both sides of your request or your order by E-Mail to [bcp@neplan.ch](mailto:bcp@neplan.ch) or by Fax to +41 44 991 19 71

# NEPLAN Electricity MODULES

The Starter Packages can be extended by the following Modules (X means, module usually assigned to package, but every combination is possible):

Modules	Code	BASE	IND	PROT	GEN	DIST	TRANS
<input type="checkbox"/> Harmonic Analysis	HA	X					
<input type="checkbox"/> Network Reduction <sup>2)</sup>	NR	X					
<input type="checkbox"/> Assessments of Network Disturbances DACH	AG	X					
<input type="checkbox"/> Investment Analysis	IA	X					
<input type="checkbox"/> SQL Database Driver	ODBC	X					
<input type="checkbox"/> Interface to SCADA + GIS systems (SQL, ASCII)	GIS	X					
<input type="checkbox"/> Reliability Analysis <sup>1)</sup>	RA	X					
<input type="checkbox"/> NEPLAN Programming Library (C/C++)	NPL	X					
<input type="checkbox"/> PSS – Import/Export <sup>7)</sup>	PSS	X	X	X	X	X	X
<input type="checkbox"/> UCTE Interface <sup>7)</sup>	UCTE	X	X	X	X	X	X
<input type="checkbox"/> Over current Protection (Selectivity Analysis)	OCP		incl.	incl.	incl.	X	X
<input type="checkbox"/> Motor Starting <sup>1)</sup>	MS		incl.		incl.		
<input type="checkbox"/> Distance Protection <sup>2)</sup>	DP			incl.		X	X
<input type="checkbox"/> Grounding System Analysis and Design	GSA		X		X		X
<input type="checkbox"/> Arc Flash Calculation <sup>3)</sup>	ARC		X		X		
<input type="checkbox"/> Cable Sizing <sup>6)</sup>	CS		X		X		
<input type="checkbox"/> Optimal Separation Points <sup>1)</sup>	OSP					incl.	
<input type="checkbox"/> Optimal Capacitor Placement <sup>1)</sup>	CP					incl.	
<input type="checkbox"/> Load Profile Time Simulation <sup>1)</sup>	LP					incl.	
<input type="checkbox"/> Optimal Network Restoration Strategy <sup>1)</sup>	RESUPP					X	
<input type="checkbox"/> Optimization of Distribution Networks <sup>4)</sup>	ODN					X	
<input type="checkbox"/> Feeder Reinforcement (economic Cable Sizing) <sup>1)</sup>	FR					X	
<input type="checkbox"/> Low Voltage Analysis <sup>2)</sup>	LV					X	
<input type="checkbox"/> Cable Thermal Analysis	TA					X	
<input type="checkbox"/> Fault Finding <sup>2)</sup>	FF					X	
<input type="checkbox"/> Current Transformer Saturation <sup>3)</sup>	CT					X	
<input type="checkbox"/> Cable Thermal Analysis <sup>3)</sup>	TA					X	
<input type="checkbox"/> Optimal Power Flow	OPF						incl.
<input type="checkbox"/> NEPLAN Simulator RMS Simulation <sup>1)</sup>	NS_RMS						incl.
<input type="checkbox"/> NEPLAN Simulator EMT/Phasor Dynamics <sup>5)</sup>	NS_EMT						incl.
<input type="checkbox"/> NEPLAN Small Signal Stability Eigenvalue Analysis <sup>5)</sup>	SSS						incl.
<input type="checkbox"/> Voltage Stability (Eigenvalue Analysis) <sup>1)</sup>	VS						incl.
<input type="checkbox"/> Available Transfer Capability Analysis <sup>1)</sup>	ATC						X
<input type="checkbox"/> DACF Analysis (level 1) <sup>1)</sup>	DACF						X
<input type="checkbox"/> Asset Management: (see optimal maintenance)	RCM					X	X
<input type="checkbox"/> Optimal Maintenance Planning (HV) Outdoor installation <sup>7)</sup>	OMP-AIS					X	X
<input type="checkbox"/> Optimal Maintenance Planning (HV) Indoor installation <sup>7)</sup>	OMP-GIS					X	X
<input type="checkbox"/> Optimal Maintenance Planning (HV/MV) Overhead lines <sup>7)</sup>	OMP-OHL					X	X
<input type="checkbox"/> Optimal Maintenance Planning (MV) Substations <sup>7)</sup>	OMP-MV					X	X
<input type="checkbox"/> Optimal Maintenance Planning (MV) Cables <sup>7)</sup>	OMP-CAB					X	X

1) LF required 2) LF + SC required 3) SC required 4) OSP required 5) LF + NS\_RMS required 6) LF + SC + OCP required 7) RCM required